

STATE WATER RESOURCES CONTROL BOARD
RESOLUTION NO. 94-45

APPROVAL OF AN AMENDMENT TO THE COMPREHENSIVE
WATER QUALITY CONTROL PLAN FOR THE SAN DIEGO
REGION REVISING GROUND WATER QUALITY OBJECTIVES
FOR PORTIONS OF PAUBA AND WOLF HYDROLOGIC SUBAREAS

WHEREAS:

1. The Regional Water Quality Control Board, San Diego Region (RWQCB), adopted the Comprehensive Water Quality Control Plan for the San Diego Basin (Basin Plan) on March 17, 1975.
2. On February 10, 1994, following a public hearing, the RWQCB adopted Resolution No. 94-09 (Attachment) which amended the Basin Plan by modifying the ground water quality objectives for total dissolved solids (TDS) and boron in the upper unconfined aquifer for portions of the Pauba Hydrologic Subarea (HSA) 2.51 and Wolf HSA 2.52.
3. The State Water Resources Control Board (SWRCB) finds that there is sufficient evidence to show that the proposed amendment complies with the requirements of Section 13241 of the Water Code and SWRCB Resolution Nos. 68-16 and 90-98.
4. Section 13240 of the California Water Code specifies that basin plans be periodically reviewed and, if appropriate, revised.
5. RWQCB staff prepared documents and followed procedures satisfying environmental documentation requirements in accordance with the California Environmental Quality Act and other State laws and regulations.
6. RWQCB Resolution No. 94-09 pertains to ground water beneficial uses and water quality objectives only and is not subject to the approval of the U.S. Environmental Protection Agency under the Federal Clean Water Act.
7. This Basin Plan amendment does not become effective until approved by the SWRCB and until regulatory provisions are approved by the Office of Administrative Law (OAL).

THEREFORE BE IT RESOLVED:

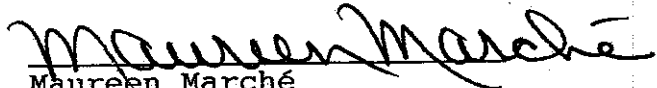
That SWRCB:

1. Approves RWQCB Resolution No. 94-09 amending the Comprehensive Water Quality Control Plan for the San Diego Basin by modifying the ground water quality objectives for TDS and boron in the upper unconfined aquifer (Pauba Aquifer) for portions of the Pauba HSA 2.51 and Wolf HSA 2.52, and

2. Authorizes staff to forward regulatory provisions to OAL for approval.

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 May 18, 1994.



Maureen Marché

Administrative Assistant to the Board

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION

RESOLUTION NO. 94-09

A RESOLUTION ADOPTING AMENDMENTS
TO THE
COMPREHENSIVE WATER QUALITY CONTROL PLAN
FOR THE
SAN DIEGO REGION
PORTIONS OF THE
PAUBA (2.51) AND WOLF (2.52) HYDROLOGIC SUBAREAS

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

WHEREAS, the Regional Board, acting in accord with Section 13244 of the CALIFORNIA WATER CODE, on March 17, 1975, adopted the Comprehensive Water Quality Control Plan for the San Diego Water Quality Control Region as set forth in Chapter 1 through 7 of the COMPREHENSIVE WATER QUALITY CONTROL PLAN REPORT, SAN DIEGO BASIN (9); and

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

WHEREAS, the Regional Board has adopted Resolution No. 86-06 which incorporates a water reclamation policy into the Comprehensive Water Quality Control Plan which outlines an action plan whereby the Regional Board will consider special amendments to the Comprehensive Water Quality Control Plan to encourage meaningful water reclamation; and

WHEREAS, the Regional Board held a public hearing on February 10, 1994 for the purpose of receiving testimony on proposed amendments that, for portions of the most downstream 2,800 acres of the Wolf Hydrologic Subarea and most downstream 4,200 acres of the Pauba Hydrologic Subarea, would relax ground water quality objectives for total dissolved solids and boron established in the Comprehensive Water Quality Control Plan for the San Diego Region; and

WHEREAS, a staff report describing the proposed amendments and containing environmental documentation functionally equivalent to 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 amendments; 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; and

WHEREAS, the Regional Board has determined that the proposed amendments will not unreasonably affect beneficial uses within the Pechanga Hydrologic Area, and will be to the maximum benefit to the people of the State; therefore

RESOLVED, that the Comprehensive Water Quality Control Plan for the San Diego Water Quality Control Region be amended as follows:

1. Table 4-8, "Water Quality Objectives for Ground Waters," appearing in Chapter 4, Water Quality Objectives, is revised to reflect the following ground water quality objectives for the Pauba aquifer (upper 250 feet) of the downstream portions Pauba and Wolf Hydrologic Subareas:

Constituent	Pauba (2.51) HSA and Wolf (2.52) HSA ¹
Total Dissolved Solids, TDS	750
Chloride, Cl	250
Sulfate, SO ₄	250
Percent Sodium, %Na	60%
Nitrate, NO ₃	10
Iron, Fe	0.3
Manganese, Mn	0.05
Methylene Blue Active Substances, MBAS (Surfactants)	0.5
Boron, B	0.75
Odor	None
Turbidity (in NTU)	5
Color (in color units)	15
Fluoride, F	1.0

¹ These objectives apply to ground waters within 250 feet of the ground surface in the portions of the Pauba and Wolf HSAs described below:

Pauba HSA. The most downstream 4,200 acres of the Pauba HSA (2.51) including those portions of the HSA which drain directly to the most downstream 2.7 mile segment of Temecula Creek. Excluded from this area are all lands upgradient from a point 0.5 miles east of the intersection of Butterfield Stage Road and Highway 79.

Wolf HSA. The most downstream 2,800 acres of the Wolf HSA (2.52) including those portions of the HSA which drain directly to the most downstream 1.5 mile segment of Pechanga Creek. Excluded from this area are all lands of HSA 2.52 which are upgradient of the intersection of Pala Road and Via Eduardo.

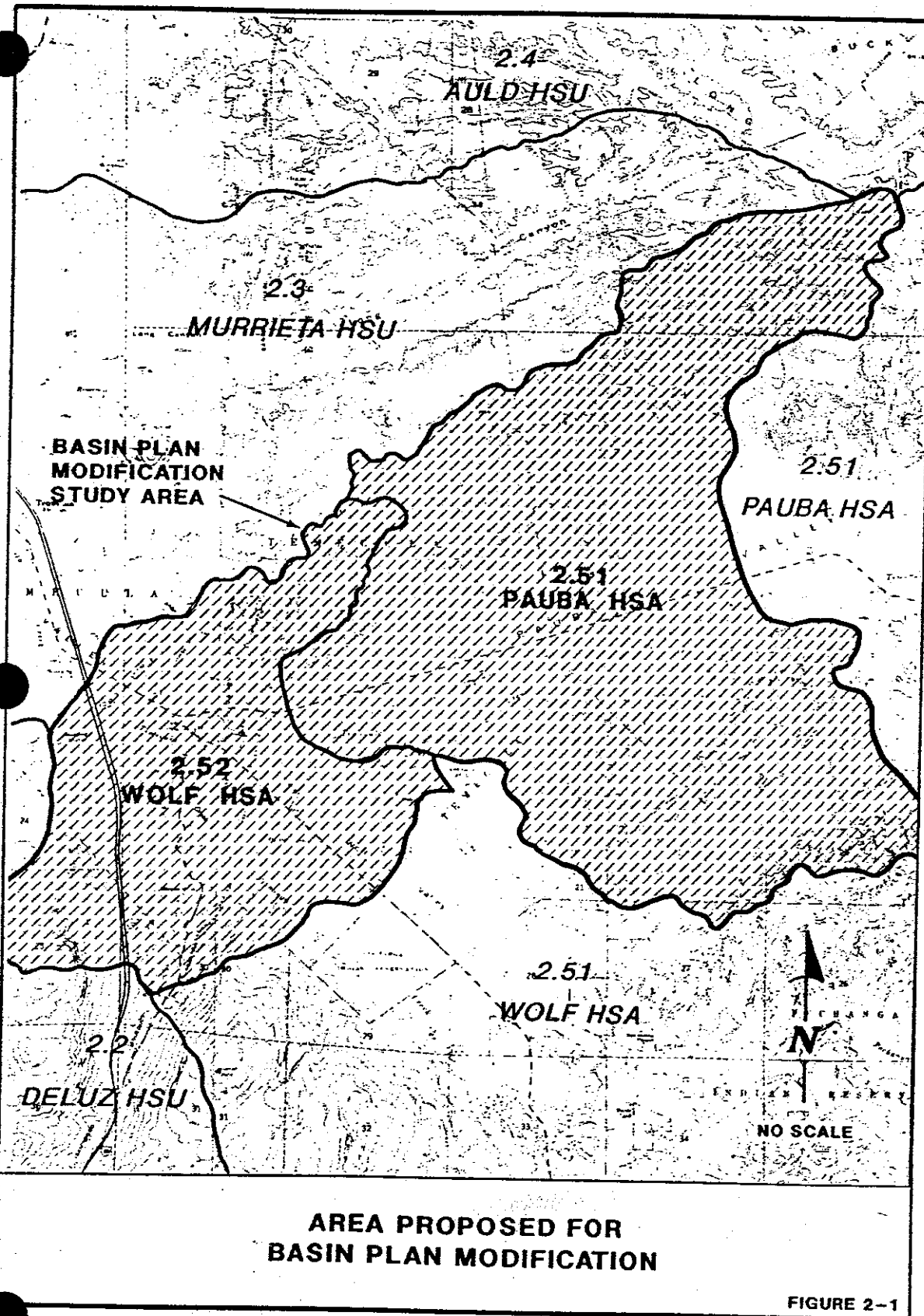
BE IT FURTHER RESOLVED that, as mitigation against adverse impacts on public health or ground water quality resulting from use of reclaimed water, the Regional Board will continue to adopt and enforce waste discharge requirements containing provisions and limitations implementing the State Department of Health Services' Wastewater Reclamation Criteria and water quality objectives contained in the Comprehensive Water Quality Control Plan.

BE IT FURTHER RESOLVED that, the Regional Board Executive Officer is authorized to sign the attached "California Department of Fish and Game, Certificate of Fee Exemption De Minimus Impact Finding."

I, Arthur L. Coe, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of a Resolution adopted by the California Regional Water Quality Control Board, San Diego Region, on February 10, 1994.



ARTHUR L. COE
Executive Officer

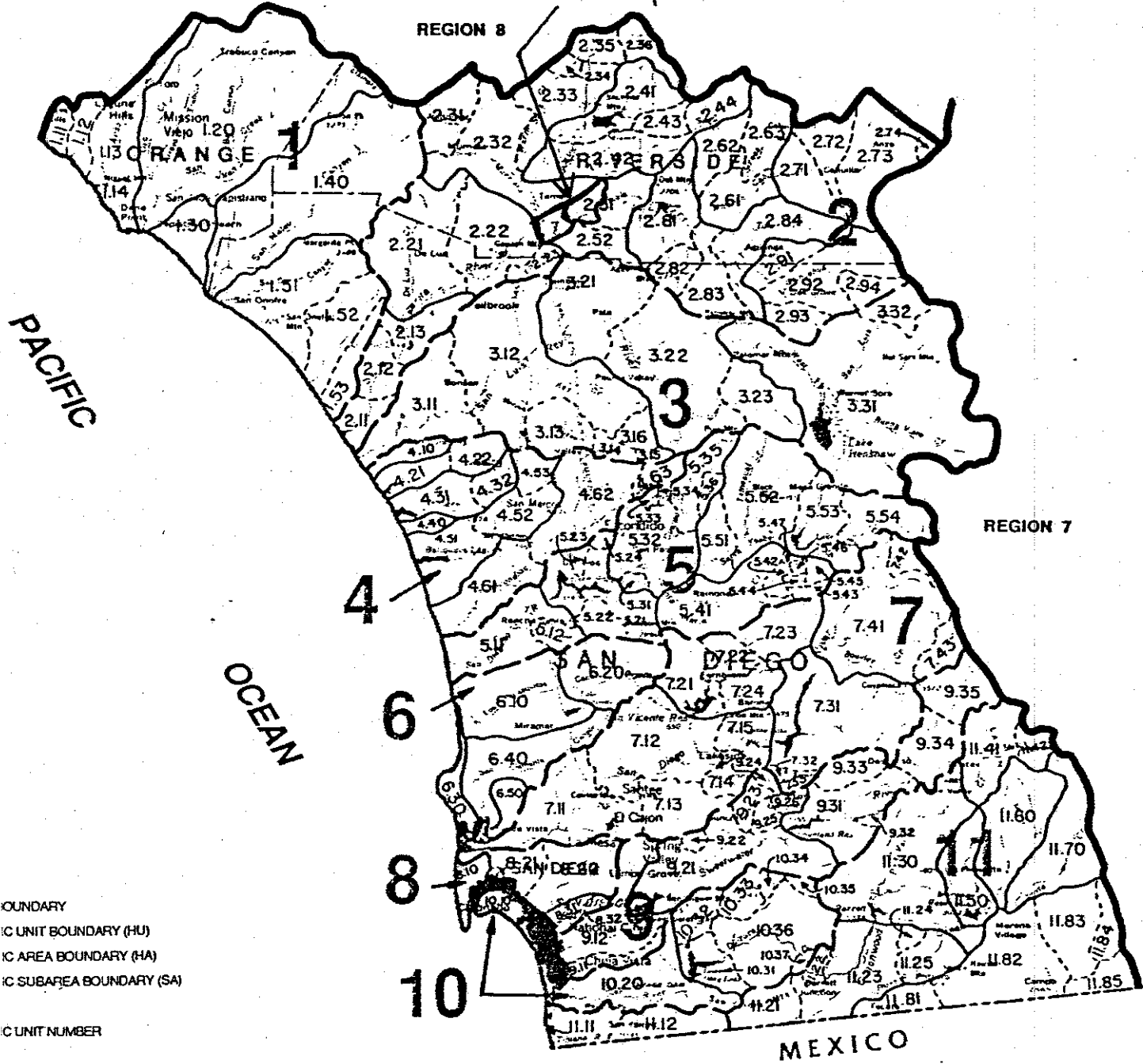


**AREA PROPOSED FOR
BASIN PLAN MODIFICATION**

FIGURE 2-1

- Morena HA
- Cottonwood HA
- Cameron HA
- Campo HA
- Tecate HSA
- Canyon City HSA
- Clover Flat HSA
- Hill HSA
- ipass HSA

study Area



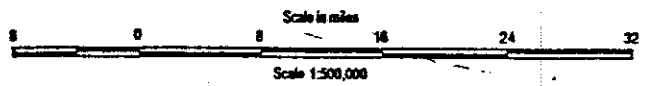
BOUNDARY
 IC UNIT BOUNDARY (HU)
 IC AREA BOUNDARY (HA)
 IC SUBAREA BOUNDARY (SA)
 IC UNIT NUMBER



April 1973
 Revised: July 1976
 Revised: August 1986

State Water Resources Control Board
 Surveillance and Monitoring Section
 T.E. Lavenda, P.E. T.S. Lavelle

State of California
REGIONAL WATER QUALITY CONTROL BOARD
San Diego Region (9)
SAN DIEGO HYDROLOGIC BASIN PLANNING AREA (SD)



APPROVAL OF AN AMENDMENT TO THE COMPREHENSIVE
WATER QUALITY CONTROL PLAN FOR THE
SAN DIEGO REGION ESTABLISHING A REGIONWIDE GROUND WATER
IMPLEMENTATION PLAN REGARDING 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. The San Diego Regional Board staff prepared documents and followed procedures satisfying environmental documentation requirements in accordance with the California Environmental Quality Act.
4. On April 23, 1990, the San Diego Regional Board adopted Resolution No. 90-26 (Attachment 1) which modified the Implementation Plan of the Basin Plan by specifying criteria for issuance of requirements for reclaimed water use.
5. 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 (Attachment 2) specifying additional criteria for issuance of requirements for reclaimed water use.
6. Resolution No. 90-40 protects ground water beneficial uses by requiring the discharger to demonstrate that the reclaimed water use at the specified effluent concentrations will not affect beneficial uses and that the discharge complies with the requirements of State Board Resolution No. 68-16.
7. Resolution No. 90-40 contains language in the first paragraph of the amendment to Chapter 5 of the Basin Plan which reads:

"The Regional Board shall regulate discharges of reclaimed water by establishing waste discharge (emphasis added) requirements which contain effluent limitations...."

As this provision could limit the San Diego Regional Board's options for allowing timely implementation of reclamation projects by precluding the optional issuance of waivers, the terms "waste discharge" should not be approved as part of this amendment.

8. Resolution No. 90-40 deals with complex concepts and contains language that may be misinterpreted; therefore, the Basin Plan amendment contained in Resolution No. 90-40 is understood to mean:

Use of adequately treated wastewater for irrigation or ground water recharge may be allowed in areas where reuse is clearly beneficial, provided that:

- a. The constituent concentrations of the reclaimed water are not higher than the applicable ground water quality objectives, and
- b. The quality ensures reasonable protection of beneficial uses, and
- c. 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 San Diego 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 conditions of the preceding paragraph, the San Diego Regional Board shall specify effluent limitations for constituent concentrations at levels no less than that of the area's water supply. For areas that satisfy all of the conditions of the preceding paragraph and are downgradient of any municipal supply reservoir, the San Diego Regional Board shall establish minimum effluent limitations for constituent concentrations not less than that of the imported water supply plus an incremental increase equal to the typical incremental increase added to the water supply by domestic use. The maximum effluent limitation allowed shall not exceed the Basin Plan's applicable ground water quality objective.

9. Resolution No. 90-40 is consistent with the intent of California Water Code Section 13500 et seq. regarding Water Reclamation Law.
10. 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.
11. San Diego Regional Board Resolution No. 90-40 pertains to ground water beneficial uses only and is not subject to approval by the U.S. Environmental Protection Agency under the federal Clean Water Act.

EXISTING GROUND WATER QUALITY IN THE PAUBA AND WOLF VALLEYS

AREA	AQUIFER	TDS RANGE mg/l	AVERAGE TDS mg/l	BORON RANGE mg/l	AVERAGE BORON mg/l
Pauba Valley Study Area	Pauba	650 - 1000	800	0.1 - 0.2	0.1
Pauba Valley Study Area	Temecula	270 - 345	300	0.4 - 1.5	0.7
Wolf Valley Study Area (Loma Linda Well)	Pauba	940	---	---	---
Wolf Valley Study Area	Temecula	230-440	300	<0.1 -0.2	0.1
Pauba Valley Upgradient	Pauba & Temecula	270 - 630	500	0.1 - 1.7	0.4
Wolf Valley Upgradient	Pauba	230 - 395	300	---	---
Wolf Valley Upgradient	Temecula	190 - 380	250	---	---

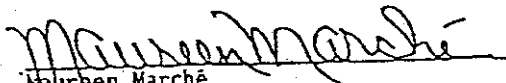
THEREFORE BE IT RESOLVED:

That the State Board:

1. Approves, with the exceptions stated below, San Diego Regional Board Resolution No. 90-40 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:
 - a. The words "waste discharge" in the second sentence of the first paragraph of the amendment are not approved in order to retain the full authority of the San Diego Regional Board to regulate discharges of reclaimed water.
 - b. The remaining portions of the amendment are approved with the understanding that the full intent and meaning of the amendment is as restated in "Whereas No. 8" of this Resolution.
2. Directs the San Diego Regional Board to revise, at its earliest convenience, the amendment in accordance with Resolve No. 1.a. and 1.b. of this Resolution.

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 September 20, 1990.


Maurken Marché
Administrative Assistant to the Board