STATE WATER RESOURCES CONTROL BOARD
RESOLUTION NO. 91-44

APPROVAL OF AN AMENDMENT TO THE WATER QUALITY CONTROL PLAN FOR THE SANTA CLARA RIVER BASIN (4A) ADDING BENEFICIAL USES AND REVISING SURFACE AND GROUND WATER QUALITY OBJECTIVES FOR PIRU, SESPE, AND SANTA PAULA HYDROLOGIC AREAS

WHEREAS:

1. The Water Quality Control Plan for the Santa Clara River Basin (Basin Plan) was adopted by the California Regional Water Quality Control Board, Los Angeles Region (Los Angeles Regional Board) on March 3, 1975.

2. Section 13240 of the California Water Code specifies that Basin Plans be periodically reviewed and, if appropriate, revised.

3. On October 22, 1990, following a public hearing, the Los Angeles Regional Board adopted Resolution No. 90-011 (Resolution--Attachment 1) amending the Basin Plan by (1) consolidating two ground water subdivisions in the Santa Paula Hydrologic Area; (2) consolidating two river reach segments in the Santa Clara River; (3) adding beneficial uses to surface waters of all three hydrologic areas; and (4) revising selected mineral water quality objectives for surface and ground waters in portions of all three hydrologic areas.

4. The Los Angeles Regional Board staff prepared documents and followed procedures to satisfy environmental documentation requirements pursuant to the California Environmental Quality Act.

5. 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.

6. The proposed amendment revises water quality standards for surface water and is, therefore, subject to approval of the U.S. Environmental Protection Agency.

THEREFORE BE IT RESOLVED:

That the State Board:

1. Approve Los Angeles Regional Board Resolution No. 90-011 amending the Water Quality Control Plan for the Santa Clara River Basin.

2. Direct State Board staff to transmit the surface water elements of the amendment to the U.S. Environmental Protection Agency 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 June 20, 1991.

Maureen Marche'
Administrative Assistant to the Board

State of California
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION

RESOLUTION NO. 90-011

BASIN PLAN AMENDMENT
ADOPTION OF REVISED WATER QUALITY OBJECTIVES AND BENEFICIAL USES
FOR PIRU, SESPE, AND SANTA PAULA HYDROLOGIC AREAS
Santa Clara River Basin (4A)

WHEREAS, the California Regional Water Quality Control Board, Los Angeles Region (Regional Board) finds that:

1. A Basin Plan for Santa Clara River Basin was adopted by the Regional Board on March 3, 1975 and amended on March 27, 1978.

2. Section 13240 of the California Water Code requires that the Regional Board periodically review the Basin Plans and Section 303 (c) of the Federal Clean Water Act requires that water quality standards be reviewed at least once every three years.

   2.1 The Regional Board has received information regarding mineral water quality objectives in the form of a two-year study conducted by the California Department of Water Resources.

   2.2 It is appropriate to adopt the new, lower objectives in order to reasonably protect the beneficial uses of the surface and groundwaters in the affected areas.

3. The Regional Board circulated the proposed Amendment with appropriate notice for public workshops held on December 20, 1989 and April 23, 1990.

4. The Basin Plan Amendment must be approved by the State Water Resources Control Board (State Board) as provided in Sections 13245 and 13246 of the California Water Code before becoming effective.

5. The Regional Board prepared an environmental assessment evaluating the environmental impacts and alternatives in compliance with Public Resources Code Section 21000 et. seq. (CEQA) and found that no significant adverse environmental impacts would result from implementation of the proposed Basin Plan Amendment.

6. The proposed Basin Plan Amendment is consistent with the Clean Water Act, as amended.

THEREFORE, BE IT RESOLVED THAT:

1. The Regional Board hereby adopts the Final Draft proposed Basin Plan Amendment, dated October 22, 1990, as modified at the public hearing held on October 22, 1990.

2. The Regional Board requests that the State Board approve the proposed Basin Plan Amendment in accordance with Sections 13245 and 13246 of the California Water Code.

3. Upon approval the Regional Board requests that the State Board transmit the Basin Plan Amendment to the U.S. Environmental Protection Agency for their approval.

CERTIFICATION

I, Robert P. Ghirelli, Executive Officer, do hereby certify that the foregoing is a full, true and correct copy of a Resolution adopted by the California Regional Water Quality Control Board, Los Angeles Region, on October 22, 1990.

Robert P. Ghirelli

ROBERT P. GHIRELLI, D.Env.
Executive Officer

TABLE 1
MINERAL QUALITY OBJECTIVES FOR SURFACE WATERS
(Changes are highlighted)

Stream/Station[b]	Objectives (mg/L) TDS	Sulfate	Chloride	Boron	Nitrogen[c]	SAR[d]
Ventura River:						
Above Camino Cielo Road	700	300	50	1.0	5	5.0
Reach bounded by Camino Cielo and Casitas Vistas Road	800	300	50	1.5	5	5.0
Reach bounded by Casitas Vista Road and Oak View Street	1,000	300	60	1.5	5	5.0
Below Oak View Street to Main Street	1,500	600	600	1.5	10	5.0
Santa Clara River:						
Above Lang	600	100	50	0.5[f]	5	5.0
Reach bounded by Lang and West Pier Highway 99	1,200	450	100	1.5	10	5.0
Reach bounded by W. Pier Highway 99 and L.A./Ventura County Line	1,200	550	100	1.5	5	5.0
Reach bounded by L.A./Ventura Co. Line and A Street, Fillmore	1,300	600	100	1.5	5	5.0
Reach bounded by A Street, Fillmore and UWCD's diversion dam near Saticoy	1,300	650	80	1.5	5	5.0
Santa Paula Creek:						
Above Santa Paula Water Works diversion dam	600	250	45	1.0	5	5.0
Sespe Creek:						
500' above gaging station, 500' downstream from Little Sespe Creek	800	320	60	1.5	5	5.0
Piru Creek:						
Above gaging station below Santa Felicia Dam	800	400	60	1.0	5	5.0
Calleguas Creek:						
Above Potrero Road	850	250	150	1.0	10	[e]

As part of the State's continuing planning process, data will be collected and numerical water quality objectives will be developed for those mineral and nutrient constituents where sufficient information is presently not available for the establishment of such objectives.

[a] The objective at each station is the weighted annual averages. Samples shall be collected preferably at monthly intervals and at least at quarterly intervals. Flow rate shall be determined at the time of sampling.

[b] See figure 4.1 for location

[c] Nitrate nitrogen plus nitrite nitrogen. Eutrophication problems have not impaired the beneficial use of surface waters in the basin. The eutrophication of the basin is described starting on page II-14-1. The lack of phosphorus data precludes the establishment of meaningful numerical objectives for phosphorus

[d] Sodium Adsorption Ratio

[e] No data available

[f] Where naturally occuring boron results in concentrations higher than the stated objective requirementt should be set on a case by case basis.

NOTE: In cases where revisions were proposed to raise certain numerical objectives, these were made to correct errors in the basin plan made by the original contractor, and/or to reflect existing quality based on more, newer, and better data. This does not in any way represent a relaxation of standards.

TABLE 2
MINERAL QUALITY OBJECTIVES FOR GROUNDWATERS
(Changes are highlighted)

Area	Objective (mg/L) TDS	Sulfate	Chloride	Boron
Pitas Point Hydrologic Unit[h]	None Specified			
Ventura River Hydrologic Unit				
Ojai Hydrologic Area (HA)*				
Upper Ojai Hydrologic Subarea (HSA)**				
West of Sulphur Mtn Road	1,000	300	200	1.0
East of Sulphur Mtn Road	700	50	100	1.0
Ojai HSA[b]				
West of San Antonio-Senior Canyon Creeks	1,000	300	200	0.5
East of San Antonio-Senior Canyon Creeks	700	200	50	0.5
Upper Ventura River HA				
San Antonio Creek Area	1,000	300	100	1.0
Remainder of groundwater basin	800	300	100	0.5
Lower Ventura River HA[a]	None Specified			
Santa Clara-Calleguas Hydrologic Unit				
Upper Santa Clara HA				
Acton HSA	600	150	100	1.0
Eastern HSA				
Above Bouquet Canyon[b]	800	150	150	1.0
Above Castaic Creek to Bouquet Canyon[c]	900	300	150	1.0
South Fork of Santa Clara River Area	1,300	800	100	0.5
Placerita Canyon Area	700	150	100	0.5
Castaic Creek to Blue Cut[d]	1,500	700	150	1.0
Bouquet HSA	400	50	30	0.5
Mint Canyon HSA	700	150	100	0.5
Sierra Pelona HSA	600	100	100	0.5
Piru HA				
Santa Felicia HSA				
(Piru Subarea)				
East of Piru Creek[e]	2,500	1,200	200	1.5
West of Piru Creek[f]	1,200	600	100	1.5
Upper Piru HSA	1,100	400	200	2.0
Hungry Valley HSA	500	150	50	1.0
Stauffer HSA	1,000	300	20	2.0
Sespe HA				
Fillmore HSA				
Pole Creek Fan underlying				

TABLE 2 (continued)
MINERAL QUALITY OBJECTIVES FOR GROUNDWATERS
(Changes are highlighted)

Area	Objective (mg/L) TDS	Sulfate	Chloride	Boron
City of Fillmore	2,000	800	100	1.0
South Side of Santa Clara River	1,500	800	100	1.1
Remainder of groundwater basin	1,000	400	50	0.7
Topa Topa HSA (Sespe Subarea)	900	350	30	2.0
Santa Paula HA				
Sulphur Springs HSA (Santa Paula Subarea)				
East of Peck Road	1,200	600	100	1.0
West of Peck Road	2,000	800	110	1.0
Sisar HSA	700	250	100	0.5
Oxnard Plain HA				
Oxnard HSA				
Oxnard Forebay	1,200	600	150	1.5
Deep aquifers underlying pressure area	1,200	600	150	1.5
Semiperched aquifer[g]	3,000	1,000	500	—
Pleasant Valley HSA				
Fox Canyon Aquifer	1,200	600	150	1.0
Grimes Canyon Aquifer	1,200	600	150	1.0
Upper Aquifer[h]		None Specified		
Calleguas-Conejo HA				
West Las Posas HSA	900	350	150	1.0
East Las Posas HSA[i]				
Northwest of Grimes Canyon Road, L.A. Avenue and Somis Road	700	300	100	0.5
East of Grimes Canyon Road and Hitch Boulevard	2,500	1,200	400	3.0
South of L.A. Avenue between Somis Road and Hitch Blvd.	1,500	700	250	1.0
Isolated basin vicinity of Grimes Canyon Rd. and Broadway Rd.	250	30	30	0.2
Arroyo Santa Rosa HSA	900	300	150	1.0
Conejo Valley HSA	800	250	150	1.0
Tierra Rejada Valley HSA	700	250	100	0.5
Gillibrand HSA	900	350	50	1.0
Simi Valley HSA				
Deep aquifers	1,200	600	150	1.0
Shallow aquifer[h]		None Specified		
Thousand Oaks HSA	1,400	700	150	1.0

* Denotes Subarea in 1978 Water Quality Control Plan
** Denotes Subunit in 1978 Water Quality Control Plan

[a] Shallow alluvial aquifer is of very poor quality and not used. Water quality in shallow aquifer shall be maintained at existing levels in accordance with the "non-degradation" policy. This is to be accomplished on a case-by-case basis as part of the requirements imposed upon dischargers to the shallow aquifer.

[b] Excludes aquifer in Bouquet Canyon and tributaries.

[c] Includes aquifer in Bouquet Canyon and tributaries but excludes aquifer in Castaic Creek and the South Fork of Santa Clara River and tributaries

[d] Includes aquifer in Castaic Creek and tributaries ,

[e] Includes aquifer in Piru Creek and tributaries.

[f] Excludes aquifer in Piru Creek and tributaries.

[g] Semiperched aquifer is generally of poor quality, but locally may be used for agricultural and domestic purposes in northwestern parts of the Oxnard Plain. Where shallow well or drainage ditch waters clearly exceed these objectives requirements should be set on a case by case basis according to the "non-degradation" policy.

[h] Upper Aquifers are of very poor quality and not used for domestic, agricultural, or industrial water supply in any significant quantity. Water quality in shallow aquifers shall be maintained at existing levels in accordance with the "non-degradation" policy. This is to be accomplished on case-by-case basis as part of the requirements imposed upon dischargers to the shallow aquifers.

[i] Some isolated wells along Los Angeles Avenue in the Arroyo Las Posas flood plain have higher mineral levels. Requirements for these areas should be set on a case by case basis according to the "non-degradation" policy.

NOTE: ln cases where revisions were proposed to raise certain numerical objectives, these were made to correct errors in the Basin Plan made by the original contractor and/or to reflect existing quality based on more, newer, and better data. This does not in any way represent a relaxation of standards.

PRESENT AND POTENTIAL BENEFICIAL WATER USES IN THE SANTA CLARA RIVER BASIN

UNIT NO.	HYDROLOGIC UNIT AREA, AND SUBAREA		BENEFICIAL USES																		
			MUN	IND	PROC	AGR	GWR	POW	FRSH	MGR	SPWN	WARM	COLD	RARE	WILD	REC 1	REC 2	BIOL	SAL	NAV	NAR	COMM	SHELL
403.20	SANTA PAULA	HA																					
(U-03.B1	SANTA PAULA SUBUNIT)																						
403.21	SULPHUR SPRINGS	HSA																					
(U-03.B1	SANTA PAULA SUBAREA)																						
	ALL GROUNDWATER		E	E	E	E																	
	SANTA CLARA RIVER			E	E	E																	
	SANTA PAULA CREEK		P	E	E	E	E		E	E	E	E	E		E	En	E						
									E		E	E	E		E	E	E						
403.22	SISAR	HSA																					
(U-03.B2	SISAR SUBAREA)																						
	ALL GROUNDWATER		E	E	P	E																	
	SANTA PAULA CREEK		P	E	P	E																	
	SISAR CREEK		P	E	P	E	E		E			E		Eg	E	E	E						
							E		E		E	E	E	Eg	E	E	E						
403.30	SESPE CREEK	HA																					
(U-03.C0	SESPE CREEK SUBUNIT)																						
403.31	FILLMORE	HSA																					
(U-03.C1	FILLMORE SUBAREA)																						
	ALL GROUNDWATER		E	E	E	E																	
	SANTA CLARA RIVER			E	E	E				E													
	SESPE CREEK		P	E	E	E	E		E	E		E			E	En	E						
									E	E	E	E	E		E	E	E						
403.32	TOPA TOPA	HSA																					
(U-03.C2	SESPE SUBAREA)																						
	ALL GROUNDWATER		P	E	P	E																	
	COLD SPRING DAM(PROPOSED)		P		P	P	P		P			P			P	P	P						
	TOPATOPA DAM(PROPOSED)		P		P	P	P		P			P			P	P	P						
	SESPE CREEK & TRIBUTARIES		P	E	P	E	E		E	E	E	E	E	Eg	E	E	E						
403.40	PIRU	HA																					
(U-03.D0	PIRU SUBAREA)																						
403.41	SANTA FELICIA	HSA																					
(U-03.D1	PIRU SUBAREA)																						
	ALL GROUNDWATER		E	E	E	E																	
	LAKE PIRU		P	E	E	E					E	E	E		E	E	E						
	HOPPER CREEK			E		E	E		P			E	E		E	E	E						
	PIRU CREEK & TRIBUTARIES		P	E	E	E	E		E		E	E	E	Eg	E	E	E						
	SANTA CLARA RIVER			E	E	E	E		E			E		Eg	E	E	E						
												E			E	E	E						
403.42	UPPER PIRU	HSA																					
(U-03.D2	UPPER PIRU SUBAREA)																						
	ALL GROUNDWATER		P	E	E	E																	
	HARD LUCK RES. (PROPOSED)		P	P	P	P	P	P	P			P			P	P	P						
	LAKE PIRU		P	E	E	E	P	P	P		E	E	E		E	E	E						
	PYRAMID LAKE		E	E	E	E	P	E	P			E	E		E	E	E						
	PIRU CREEK & TRIBUTARIES		P	E	E	E	E		E		E	E	E	Eg	E	E	E		P				

PRESENT AND POTENTIAL BENEFICIAL WATER USES IN THE SANTA CLARA RIVER BASIN

UNIT NO.	HYDROLOGIC UNIT AREA, AND SUBAREA	BENEFICIAL USES																			
		MUN	IND	PROC	AGR	GWR	POW	FRSH	MGR	SPWN	WARM	COLD	RARE	WILD	REC 1	REC 2	BIOL	SAL	NAV	MAR	COMM	SHELL
403.43	HUNGRY VALLEY HSA																					
(U-03.03 | HUNGRY VALLEY SUBAREA)																					
	ALL GROUNDWATER	E		E	E																	
	CANADA DE LOS ALAMOS & TR				I	I		I			I	I		I	I	I						
403.44	STAUFFER HSA																					
(U-03.04 | STAUFFER SUBAREA)																					
	ALL GROUNDWATER	E	E		E																	
	LOCKWOOD CREEK & TRIB.				I	I		I			I	I		I	I	I						

Circled beneficial uses represent changes to 1978 Basin Plan (4A)

SUMMARY OF RIVER REACH SEGMENT DESIGNATION REVISION
AND REVISED MINERAL QUALITY OBJECTIVES FOR SURFACE WATERS
(Changes are highlighted)

	Objectives (mg/L)					
	TDS	Sulfate	Chloride	Boron	Nitrogen	SAR
Santa Clara River:						
Above Lang	600	100	50	0.5	5	5.0
Reach bounded by Lang and West Pier Highway 99	1,200	450	100	1.5	10	5.0
Reach bounded by W. Pier Highway 99 and L.A./Ventura County Line	1,200	550	100	1.5	5	5.0
Reach bounded by L.A./Ventura Co. Line and A Street, Fillmore	1,300	~~650~~ 600	100	1.5	5	5.0
~~Reach bounded by A Street, Fillmore and Santa Paula bridge~~	~~1,300~~	~~650~~	~~80~~	~~1.5~~	~~5~~	~~5.0~~
~~Reach bounded by Santa Paula bridge and Saticoy diversion dam~~	~~1,300~~	~~650~~	~~80~~	~~1.5~~	~~5~~	~~5.0~~
Reach bounded by A Street, Fillmore and UWCD's diversion dam near Saticoy	1,300	650	80	1.5	5	5.0
Santa Paula Creek:						
Above Santa Paula Water Works diversion dam	600	~~300~~ 250	~~60~~ 65	1.0	5	5.0
Sespe Creek:						
500: above gaging station, 500' downstream from Little Sespe Creek	800	~~400~~ 320	60	1.5	5	5.0
Piru Creek:						
Above gaging station below Santa Felicia Dam	~~950~~ 800	~~500~~ 400	~~75~~ 60	~~1.5~~ 1.0	5	5.0

ATTACHMENT 2

SUMMARY OF BASIN SUBDIVISION REVISION AND
REVISED MINERAL QUALITY OBJECTIVES FOR GROUNDWATERS
(Changes are highlighted)

	Objectives (mg/L)			
	TDS	Sulfate	Chloride	Boron
Piru HA				
Santa Felicia HSA				
(Piru Subarea)				
East of Piru Creek	2,500	1,200	200	1.5
West of Piru Creek	1,200	600	100	1.5
Upper Piru HSA	1,100	400	200	2.0
Hungry Valley HSA	500	150	50	1.0
Stauffer HSA	1,000	~~400~~ 300	~~100~~ 20	2.0
Sespe HA				
Fillmore HSA				
Pole Creek Fan underlying	2,000	800	100	1.0
City of Fillmore	~~2,000~~ 1,500	800	100	~~1.5~~ 1.1
South Side of Santa Clara River	~~1,200~~ 1,000	~~600~~ 400	~~100~~ 50	~~1.0~~ 0.7
Remainder of groundwater basin				
Topa Topa HSA	900	350	30	2.0
(Sespe Subarea)				
Santa Paula HA				
Sulphur Springs HSA				
(Santa Paula Subarea)				
East of Peck Road	1,200	600	100	1.0
~~West of Wells Road and~~	~~1,000~~	~~400~~	~~100~~	~~1.0~~
~~Los Angeles Avenue~~	~~2,000~~	~~800~~	~~200~~	~~1.5~~
~~Remainder of groundwater basin~~	2,000	800	100	1.0
West of Peck Road	700	250	100	0.5
Sisar HSA				

ATTACHMENT 3