

TABLE OF CONTENTS

	<u>Title</u>	<u>Page</u>
Chapter 1. INTRODUCTION		
I.	Function of the Water Quality Control Plan (Basin Plan)	I-1
II.	Legal Basis and Authority	I-1
III.	The Central Coast Region.....	I-2
IV.	The Regional Board	I-5
V.	History of Basin Planning and the Basin Plan	I-5
VI.	Triennial Review and Basin Plan Amendment Procedure	I-6
VI.A.	Continuing Planning	I-6
Chapter 2. PRESENT AND POTENTIAL BENEFICIAL USES		
I.	Present and Potential Beneficial Uses	II-1
II.	Beneficial Uses Definition	II-1
Chapter 3. WATER QUALITY OBJECTIVES		
I.	Considerations in Selecting Water Quality Objectives	III-1
II.	Water Quality Objectives.....	III-2
II.A.	Antidegradation Policy.....	III-2
II.A.1.	Objectives for Ocean Waters	III-2
II.A.2.	Objectives for Inland Surface Waters, Enclosed Bays, and Estuaries.....	III-3
II.A.2.a.	General Objectives.....	III-3
	Municipal and Domestic Supply (MUN)	III-5
	Agricultural Supply (AGR)	III-5
	Water Contact Recreation (REC-1)	III-5
	Non-Contact Water Recreation (REC-2)	III-10
	Cold Freshwater Habitat (COLD).....	III-10
	Warm Freshwater Habitat (WARM).....	III-10
	Fish Spawning (SPWN)	III-10
	Marine Habitat (MAR)	III-12
	Shellfish Harvesting (SHELL)	III-12
II.A.3.	Water Quality Objectives for Specific Inland Surface Waters	
	Enclosed Bays and Estuaries	III-12
II.A.4.	Objectives for Ground Water	III-14
II.A.4.a.	General Objectives	III-14
	Municipal and Domestic Supply	III-14
	Agricultural Supply (AGR)	III-14
II.A.5.	Objectives for Specific Ground Waters	III-15

TABLE OF CONTENTS (continued)

	<u>Title</u>	<u>Page</u>
	Chapter 4. IMPLEMENTATION PLAN	
I.	Regional Water Quality Control Board Goals	IV-2
II.	General Control Actions and Related Issues	IV-2
III.	Control Actions Under State Water Resources Control Board Authority	IV-2
IV.	Control Actions to be Implemented by Other Agencies with Water Quality or Related Authority	IV-3
V.	Control Actions Under Regional Board Authority	IV-3
V.A.	Waste Discharge Restrictions	IV-3
V.A.1.	Water Quality Certification	IV-3
V.A.2.	National Pollutant Discharge Elimination System	IV-3
V.A.3.	Waste Discharge Requirements	IV-4
V.A.4.	Waivers	IV-4
V.A.5.	Prohibitions and Prohibition Exemptions	IV-4
V.A.6.	Enforcement Actions	IV-4
V.A.7.	Best Management Practices	IV-5
V.A.8.	Compliance Schedules	IV-6
V.B.	Nonpoint Source Program	IV-7
VI.	Waste Discharge Program Implementation	IV-8
VI.A.	Effluent Limits	IV-8
VI.A.1.	Stream Disposal	IV-8
VI.A.2.	Estuarine Disposal	IV-9
VI.A.3.	Ocean Disposal	IV-9
VI.A.4.	Land Disposal	IV-9
VI.A.4.a.	Wastewater Disposal	IV-10
VI.A.5.	Reclamation and Reuse	IV-11
VI.A.6.	Pretreatment Programs	IV-12
VI.A.7.	Sludge Treatment	IV-12
VI.B.	Municipal Wastewater Management Plans	IV-13
VI.B.1.	Big Basin Hydrologic Unit	IV-13
VI.B.2.	Pajaro River Hydrologic Unit	IV-15
VI.B.3.	Carmel River Hydrologic Unit	IV-16
VI.B.4.	Santa Lucia Hydrologic Unit	IV-17
VI.B.5.	Salinas River Hydrologic Unit	IV-17
VI.B.6.	Estero Bay Hydrologic Unit	IV-19
VI.B.7.	Carrizo Plain Hydrologic Unit	IV-21
VI.B.8.	Santa Maria River Hydrologic Unit	IV-21
VI.B.9.	San Antonio Creek Hydrologic Unit	IV-22
VI.B.10.	Santa Ynez River Hydrologic Unit	IV-22
VI.B.11.	South Coast Hydrologic Unit	IV-23
VI.C.	Industrial Wastewater Management	IV-24
VI.D.	Solid Waste Management	IV-25
VI.D.1.	Solid Waste Discharge Prohibitions	IV-26

TABLE OF CONTENTS (continued)

	<u>Title</u>	<u>Page</u>
Chapter 4. IMPLEMENTATION PLAN		
VI.E.	Storm Water Management	IV-26
VI.F.	Bay Protection and Toxic Cleanup Program	IV-27
VI.G.	Military Installations	IV-28
VI.H.	Spills, Leaks, Investigations, and Cleanup Program	IV-32
VI.I.	Underground Storage tank Program	IV-34
VI.J.	Aboveground Petroleum Storage Tanks	IV-35
VI.K.	California Code of Regulations, Title 23, Chapter 15	IV-36
VI.K.1.	Solid and Liquid Waste Requirements (Landfills and Surface Impoundments).....	IV-37
VI.K.2.	Wastewater Sludge/Septage Management.....	IV-38
VI.K.3.	Mining Activities (Nonfuel Commodities).....	IV-39
VI.K.4.	Other Industrial Activities	IV-40
VI.L.	Resource Conservation Recovery Act (Subtitle D).....	IV-41
VI.M.	Solid Waste Water Quality Assessment Test.....	IV-42
VII.	Hazardous Waste Compliance Issues.....	IV-43
VII.A.	Reportable Quantities of Hazardous Waste and Sewage Discharges.....	IV-43
VII.B.	Proposition 65	IV-43
VIII.	Nonpoint Source Measures	IV-44
VIII.A.	Coastal Zone Act Reauthorization Amendments.....	IV-45
VIII.B.	Urban Runoff Management	IV-46
VIII.B.1.	Source Controls	IV-46
VIII.B.2.	Street Cleaning	IV-47
VIII.B.3.	Treatment	IV-47
VIII.B.4.	Control of Urbanization	IV-48
VIII.C.	Agricultural Water and Wastewater Management	IV-48
VIII.C.1.	Federal-State Permits Governing Agricultural Operations	IV-48
VIII.C.2.	Animal Confinement Operations	IV-49
VIII.C.3.	Irrigation Operations - Need for Salt Management	IV-49
VIII.C.4.	Improved Salt Management Techniques	IV-50
VIII.C.5.	Mushroom Farm Operations	IV-52
VIII.C.5.a.	Typical Mushroom Farm Operation.....	IV-52
VIII.C.5.b.	Types of Wastes Discharged	IV-52
VIII.C.5.c.	Possible Water Quality Problems	IV-52
VIII.C.5.d.	Additional Concerns	IV-53
VIII.C.5.e.	Recommendations	IV-53
VIII.C.5.f.	Prohibitions.....	IV-54
VIII.C.6.	Range Management.....	IV-54
VIII.C.6.a.	Grazing.....	IV-54
	Grazing Control Measures.....	IV-55

TABLE OF CONTENTS (continued)

<u>Title</u>	<u>Page</u>
Chapter 4. IMPLEMENTATION PLAN	
VIII.D. Individual, Alternative, and Community Systems	IV-57
VIII.D.1. Corrective Actions for Existing Systems	IV-58
VIII.D.2. Local Governing Jurisdictions Actions	IV-58
VIII.D.2.a. Disclosure and Compliance of Existing Wastewater Disposal Systems	IV-58
VIII.D.2.b. On-site Wastewater Management Plans	IV-59
VIII.D.2.c. Septic Tank Maintenance Districts	IV-60
VIII.D.3. Criteria for New Systems	IV-60
VIII.D.3.a. Site Suitability	IV-61
VIII.D.3.b. System Design	IV-61
VIII.D.3.c. Design for Engineered Systems	IV-62
VIII.D.3.d. Construction	IV-62
VIII.D.3.e. Individual System Maintenance	IV-63
VIII.D.3.f. Community System Design	IV-63
VIII.D.3.g. Local Agencies	IV-63
VIII.D.3.h. Additional Considerations	IV-64
VIII.D.3.i. Individual, Alternative, and Community Systems Prohibitions	IV-65
VIII.D.3.j. Subsurface Disposal Exemptions	IV-67
VIII.E. Land Disturbance Activities	IV-68
VIII.E.1. Land Disturbance Prohibitions	IV-70
VIII.E.2. Construction Activities	IV-70
VIII.E.3. Mining Activities	IV-71
VIII.E.4. Timber Harvesting Activities	IV-71
VIII.E.5. Agency Activities	IV-72
VIII.E.5.a. United States Forest Service	IV-73
VIII.E.5.b. United States Bureau of Land Management	IV-73
VIII.E.5.c. California Department of Transportation	IV-74
Water Quality Studies	IV-74
Construction Control	IV-74
Operation and Maintenance	IV-74
VIII.E.5.d. Other Agencies Programs	IV-75

TABLE OF CONTENTS (continued)

	<u>Title</u>	<u>Page</u>
Chapter 5. PLANS AND POLICIES		
I.	State Water Resources Control Board Plans and Policies.....	V-1
I.A.	State Policy for Water Quality Control	V-1
I.B.	Anti-Degradation Policy	V-2
I.C.	Thermal Plan	V-2
I.D.	Bays and Estuaries Policy	V-2
I.E.	Power Plant Policy	V-3
I.F.	Reclamation Policy	V-3
I.G.	Shredder Waste Disposal Policy	V-3
I.H.	Underground Storage Tank Pilot Program	V-3
I.I.	Sources of Drinking Water Policy	V-3
I.J.	Nonpoint Source Management Plan	V-3
I.K.	Ocean Plan	V-4
I.L.	Discharges of Municipal Solid Waste Policy	V-4
II.	Recommended State Water Resources Control Board Control Actions	V-4
III.	Regional Water Quality Control Board Management Principles	V-5
III.A.	General	V-5
III.B.	Wastewater Reclamation	V-5
III.C.	Discharge to Surface Waters	V-6
III.D.	Municipal and Industrial Sewering Entities.....	V-6
III.E.	Ground Water	V-6
III.F.	Individual, Alternative, and Community Systems.....	V-7
III.G.	Erosion and Sedimentation Control	V-7
IV.	Discharge Prohibitions.....	V-8
IV.A.	All Waters	V-8
IV.A.1.	Toxic or Hazardous Pollutants	V-8
IV.B.	Inland Waters	V-8
IV.C.	Waters Subject to Tidal Actions	V-9
IV.C.1.	Areas of Special Biological Significance	V-9
IV.D.	Ground Water	
IV.E.	Other Specific Prohibition Subjects	V-10
IV.F.	Exceptions to Basin Plan Requirements	V-10
V.	Control Actions	V-10
V.A.	Waste Discharge Requirements	V-11
V.B.	State Clean Water Grants or Loans.....	V-11
V.C.	Salt Discharge	V-11
V.D.	Individual, Alternative, and Community Sewage Disposal Systems	V-12
V.E.	Agency Coordination	V-12
V.F.	Animal Confinement Operations.....	V-12
V.G.	Erosion and Sedimentation	V-13

TABLE OF CONTENTS (continued)

	<u>Title</u>	<u>Page</u>
Chapter 5. PLANS AND POLICIES (continued)		
V.H.	Actions by Other Authorizes	V-14
V.H.1.	Federal Agencies	V-14
V.H.2.	Association of Monterey Bay Area Governments	V-14
V.H.3.	Septic Tank Management Agencies	V-14
V.H.4.	Water Management Agencies	V-14
V.H.5.	Solid Waste Management	V-14
V.H.6.	Agricultural Management	V-15
V.H.7.	Offshore Oil	V-15
V.H.8.	Salinity Management	V-15
V.H.9.	Seawater Intrusion	V-15
V.H.10.	Erosion and Sedimentation Control	V-15
VI.	Regional Board Policies	V-16
VI.A.	Sewerage Facilities and Septic Tanks in Urbanizing Areas in the Central Coast Region	V-16
VI.B.	Septic Tanks	V-16
VI.C.	Oil Field Wastes	V-17
VI.D.	Areas of Special Biological Significant (ASBS)	V-17
VI.E.	Legislative Matters	V-17
VI.F.	Prohibition Zones	V-17
VI.G.	San Lorenzo Valley	V-18
VI.H.	Highway Grooving Residues	V-18
VI.I.	Waiver of Waste Discharge Requirements	V-18
VI.J.	Interpretation of Minimum Parcel Size Requirements for On-Site Sewage Systems	V-18
VI.K.	Appreciation for Discharger Compliance.....	V-18

TABLE OF CONTENTS (continued)

	<u>Title</u>	<u>Page</u>
Chapter 6. SURVEILLANCE AND MONITORING		
I.	Program Objectives	VI-1
II.	Quality Control and Data Management	VI-1
III.	State Water Resources Control Board Program Tasks	VI-2
III.A.	Statewide Surface Water Monitoring Program	VI-2
III.A.1.	Toxic Substance Monitoring	VI-2
III.A.2.	State Mussel Watch	VI-3
III.B.	Lake Surveillance.....	VI-3
III.C.	Biennial Water Quality Inventory	VI-4
IV.	Water Quality Assessment.....	VI-5
V.	Regional Water Quality Control Board Program Tasks	VI-6
V.A.	Compliance Monitoring	VI-6
V.B.	Self-Monitoring Report Review	VI-6
V.C.	Complaint Investigation	VI-6
V.D.	Aerial Surveillance	VI-6
V.E.	Nonpoint Source Investigations	VI-7
V.F.	Intensive Surveys.....	VI-7

LIST OF TABLES

<u>Number</u>	<u>Title</u>	<u>Page</u>
1-1	1988 Triennial Review Priority List	I-8
2-1	Existing and Anticipated Uses of Inland Surface Waters	II-2
2-2	Existing and Anticipated Uses of Coastal Waters.....	II-17
2-3	Central Coastal Ground Water Basins	II-18
3-1	Organic Concentrations Not to be Exceeded in Domestic or Municipal Supply	III-6
3-2	Inorganic and Fluoride Concentrations Not to be Exceeded in Domestic or Municipal Supply	III-7
3-3	Guidelines for Interpretation of Quality of Water for Irrigation	III-8
3-4	Water Quality Objectives for Agricultural Water Use	III-9
3-5	Toxic Metal Concentrations Not to Be Exceeded in Aquatic Life Habitats	III-11
3-6	Toxic Metal Concentrations Not to Be Exceeded in Marine Habitats	III-12
3-7	Median Surface Water Quality Objectives	III-13
3-8	Median Ground Water Objectives.....	III-16
4-1	Big Basin Hydrologic Unit Summarized Municipal Dischargers	IV-13
4-2	Pajaro River Hydrologic Unit Summarized Municipal Dischargers	IV-15
4-3	Carmel River Hydrologic Unit Summarized Municipal Dischargers	IV-17
4-4	Salinas River Hydrologic Unit Summarized Municipal Dischargers	IV-17
4-5	Estero Bay Hydrologic Unit Summarized Municipal Dischargers.....	IV-19
4-6	Santa Ynez River Hydrologic Unit Summarized Municipal Dischargers.....	IV-22
6-1	Synthetic Organic Compounds Analyzed in the Toxic Substances Monitoring and State Mussel Watch Programs	VI-4
6-2	Water Bodies Needing Intensive Survey	VI-8

LIST OF FIGURES

<u>Number</u>	<u>Title</u>	<u>Page</u>
1-1	Central Coast - Region 3	I-3
2-1	Central Coast Basin Hydrologic Sub-Basin Boundaries	II-16
2-2	Central Coast Ground Water Basins	II-19
4-1	Active Military Installations in the Central Coast Region.....	IV-33

PLANS AND POLICIES APPENDIX

<u>Number</u>	<u>Title</u>
A-1	State Policy for Water Quality Control (1972)
A-2	Statement of Policy with Respect to Maintaining High Quality of Waters in California (Anti-degradation Policy)
A-3	Water Quality Control Plan for Control of Temperature in Coastal and Interstate Waters and Enclosed Bays and Estuaries of California (Thermal Plan)
A-4	Water Quality Control Policy for the Enclosed Bays and Estuaries of California (Bays and Estuaries Policy)
A-5	Power Plant Cooling Policy
A-6	Reclamation Policy
A-7	Shredder Waste Disposal Policy
A-8	Underground Storage Tank Pilot Program
A-9	Sources of Drinking Water Policy
A-10	Nonpoint Source Management Plan
A-11	Water Quality Control Plan for Ocean Waters of California (1990) (Ocean Plan)
A-12	Discharges of Municipal Solid Waste Policy
A-13	Sewerage Facilities and Septic Tanks in Urbanizing Areas in the Central Coast Region
A-14	Acceptance of Monterey County Board of Supervisor's Ordinance Applying Development Restrictions to the Bays Hills (Bay Farms/Hillcrest)
A-15	Acceptance of Monterey County Board of Supervisors' Ordinance Applying Development Restrictions to the Area within the San Lucas County Water District
A-16	Policy Regarding Beneficial Use of Oil Field Waste Materials in the Santa Maria Oil Fields, Santa Barbara County
A-17	Policy Amending "Policy Regarding Beneficial Use of Oil Field Waste Materials in the Santa Maria Oil Fields, Santa Barbara County" to apply Region Wide

PLANS AND POLICIES

APPENDIX (continued)

<u>Number</u>	<u>Title</u>
A-18	Recommendation to the State Water Resources Control Board Concerning the Designation of Terrace Point in Santa Cruz County as an Area of Special Biological Significance
A-19	Supporting Approval of the Clean Water and Water Conservation Bond Law of 1978
A-20	Regarding Marina County Water District's Petition to Delete the Southern Monterey Bay Discharge Prohibition Zones from the Basin Plan
A-21	Certification of Santa Cruz County's Wastewater Management Program for the San Lorenzo River Watershed
A-22	Policy Regarding Disposal of Highway Grooving Residues
A-23	Waiver of Regulations of Specific Types of Waste Dischargers
A-24	Interpretation of Minimum Parcel Size Requirements for On-Site Sewage Systems
A-25	Appreciation for Discharger Compliance
A-26	Support Material for Calculating Adjusted Sodium Absorption Ratio (SAR) Area
A-27	Nipomo Individual Sewage Disposal System Prohibition Area Description
A-28	San Lorenzo Valley Class I Area
A-29	San Lorenzo Valley Class II Area
A-30	Los Osos Baywood Park Individual and Community Sewage Disposal System Prohibition Area
A-31	Preliminary List of Potential Toxic Hot Spots
A-32	Salinas Ground Water Basin and Sub-Areas
A-33	Paso Robles Ground Water Basin and Sub-Areas
A-34	Santa Maria Ground Water Basin and Sub-Areas
A-35	Lompoc Ground Water Basin and Sub-Areas

APPENDIX A-1

State Policy for Water Quality Control (1972)

APPENDIX A-2

Statement of Policy with Respect to Maintaining High Quality of Waters in California (Anti-Degradation Policy)

APPENDIX A-3

Water Quality Control Plan for Control of Temperature in Coastal and Interstate Waters and Enclosed Bays and Estuaries of California (Thermal Plan)

APPENDIX A-4

Water Quality Control Policy for the Enclosed Bays and Estuaries of California (Bays and Estuaries Policy)

APPENDIX A-5

Power Plant Cooling Policy

APPENDIX A-6

Reclamation Policy

APPENDIX A-7

Shredder Waste Disposal Policy

APPENDIX A-8

Underground Storage Tank Pilot Program

APPENDIX A-9

Sources of Drinking Water Policy

APPENDIX A-10

Nonpoint Source Management Plan

APPENDIX A-11

Water Quality Control Plan for Ocean Waters of California (1990) (Ocean Plan)

APPENDIX A-12

Discharges of Municipal Solid Waste Policy

APPENDIX A-13

Sewerage Facilities and Septic Tanks in Urbanizing Areas in the Central Coast Region

APPENDIX A-14

**Acceptance of Monterey County Board of Supervisor's Ordinance
Applying Development Restrictions to the Bays Hills
(Bay Farms/Hillcrest)**

APPENDIX A-15

**Acceptance of Monterey County Board of Supervisors' Ordinance
Applying Development Restrictions to the Area within the San Lucas
County Water District**

APPENDIX A-16

Policy Regarding Beneficial Use of Oil Field Waste Materials in the Santa Maria Oil Fields, Santa Barbara County

APPENDIX A-17

**Policy Amending "Policy Regarding Beneficial Use of Oil Field Waste
Materials in the Santa Maria Oil Fields, Santa Barbara County"
to apply Region Wide**

APPENDIX A-18

Recommendation to the State Water Resources Control Board Concerning the Designation of Terrace Point in Santa Cruz County as an Area of Special Biological Significance

APPENDIX A-19

**Supporting Approval of the Clean Water and Water Conservation Bond
Law of 1978**

APPENDIX A-20

**Regarding Marina County Water District's Petition to Delete the Southern
Monterey Bay Discharge Prohibition Zones from the Basin Plan**

APPENDIX A-21

Certification of Santa Cruz County's Wastewater Management Program for the San Lorenzo River Watershed

APPENDIX A-22

Policy Regarding Disposal of Highway Grooving Residues

APPENDIX A-23

Waiver of Regulations of Specific Types of Waste Dischargers

APPENDIX A-24

Interpretation of Minimum Parcel Size Requirements for On-Site Sewage Systems

APPENDIX A-25

Appreciation for Discharger Compliance

APPENDIX A-26

Support Material for Calculating Adjusted Sodium Absorption Ratio (SAR)

APPENDIX A-27

Nipomo Individual Sewage Disposal System Prohibition Area Description

APPENDIX A-28

San Lorenzo Valley Class I Area

APPENDIX A-29

San Lorenzo Valley Class II Area

APPENDIX A-30

Los Osos Baywood Park Individual and Community Sewage Disposal System Prohibition Area

APPENDIX A-31

Preliminary List of Potential Toxic Hot Spots

APPENDIX A-32

Salinas Ground Water Basin and Sub-Areas

APPENDIX A-33

Paso Robles Ground Water Basin and Sub-Areas

APPENDIX A-34

Santa Maria Ground Water Basin and Sub-Areas

APPENDIX A-35

Lompoc Ground Water Basin and Sub-Areas

