88

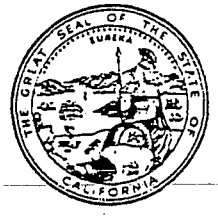
Water Quality Assessment

for

Water Years 1986 & 1987

WATER QUALITY MONITORING REPORT No. 88 - 1 WQ

DIVISION OF WATER QUALITY



September 1988

STATE WATER RESOURCES CONTROL BOARD

A S D F g h J K L ;

TABLE 3

WATER QUALITY LIMITED SEGMENTS

June, 1988

SEGMENT NAME & DESCRIPTION	REGION	AREAL DESIGNATION	BENEFICIAL USES IMPACTED	OBJECTIVE VIOLATED	SOURCE POINT	SOURCE NONPOINT	COMMENTS-ACTIONS
----------	1	(North Coast Regional Water Quality Control Board has not designated any Water Quality Limited Segments)					
ALAMEDA CREEK	2	San Antonio Res. to S.F. Bay 27 miles	A T	Total Dissolved Solids	.	X	Wastewater Exported to Bay. Localized Unsewered Areas.
ALAMITOS CREEK *	2	Downstream of Res. 14 miles	I J P	Mercury in fish tissue exceeds Food & Drug Administration (FDA) Action Levels	.	X	Generic Problem. Mine drainage in Watershed. Health warning, See Table 23
ALMADEN RESERVOIR *	2	Entire Lake 62 acres	I J P	Mercury Exceeds FDA.	.	X	Generic Problem. Mines And Natural.
ANDERSON RESERVOIR *	2	Entire Lake 1,240 acres	I J M P Q	Mercury in fish tissue exceeds Median International Standards (MIS)	.	X	Generic Problem. Natural sources.
CALERO RESERVOIR *	2	Entire Lake 350 acres	I M P Q	Mercury in fish tissue exceeds Food & Drug Administration Action Levels.	.	X	Generic Problem. Mine Drainage in Watershed.

STANDARD BENEFICIAL USES (1)

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
MUN	AGR	IND	PROC	COMM	POW	SHELL	FRESH	WARM	COLD	BIOL	MAR	SPWN	MIGR	RARE	WILD	REC 1	REC 2	SAL	SWR	NAV

(1) SEE APPENDEX 'B' FOR DEFINITIONS

* Proposed for designation as Water Quality Limited Segments, others have been adopted by Regional Board Resolution and/or are included in the Regional Basin Plan

TABLE 3

WATER QUALITY LIMITED SEGMENTS

SEGMENT NAME & DESCRIPTION	REGION	AREAL DESIGNATION	BENEFICIAL USES IMPACTED	OBJECTIVE VIOLATED	SOURCE POINT	SOURCE NONPOINT	COMMENTS-ACTIONS
COYOTE CREEK *	2	Reservoirs to S.F. Bay 34 miles	I J M P	Mercury in fish tissue exceeds Median International Standard (MIS).	.	X	Generic Problem. Natural sources.
COYOTE RESERVOIR *	2	Entire Lake 640 acres	I J M P	Mercury in fish tissue exceeds Median International Standard (MIS).	.	X	Generic Problem. Natural sources.
GUADALUPE CREEK *	2	Downstream of Res. 6 miles	I J P	Mercury in fish tissue exceeds Food & Drug Administration Action Levels	.	X	Generic Problem. Mine drainage in Watershed.
GUADALUPE RESERVOIR *	2	Entire Lake 80 acres	I J M P Q	Mercury in fish tissue exceeds Food & Drug Administration Action Levels.	.	X	Generic Problem. Mine Drainage in Watershed.

STANDARD BENEFICIAL USES (1)

MUN	AGR	IND	PROC	COMM	POW	SHELL	FRESH	WARM	COLD	BIOL	MAR	SPWN	MIGR	RARE	WILD	REC 1	REC 2	SAL	GWR	NAV
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U

(1) SEE APPENDEX 'B' FOR DEFINITIONS

* PROPOSED FOR REGIONAL BOARD DESIGNATION AS WATER QUALITY LIMITED SEGMENTS.

TABLE 3

WATER QUALITY LIMITED SEGMENTS

SEGMENT NAME & DESCRIPTION	REGION	AREAL DESIGNATION	BENEFICIAL USES IMPACTED	OBJECTIVE VIOLATED	SOURCE POINT	SOURCE NONPOINT	COMMENTS-ACTIONS
GUADALUPE RIVER *	2	San Jose to S.F. Bay 12 miles	I J P	Mercury in fish tissue exceeds Food & Drug Administration Action Levels	.	X	Generic Problem. Mine Drainage in Watershed.
LAKE HERMAN *	2	Entire Lake 110 acres	I J M P Q	Mercury in fish tissue exceeds Food & Drug Administration Action Levels.	.	X	Generic Problem. Mine Drainage in Watershed.
NAPA RIVER	2	Calistoga to Mouth 40 miles	I M N Q	Dissolved Oxygen, Coliform, Eutrophication	X	X	Point Source Dry Weather Discharge Prohibition in force
PETALUMA RIVER	2	Penngrove to Mouth 20 miles	I M N Q	Dissolved Oxygen, Coliform, Eutrophication	X	X	Dry Weather Prohibition & Management Practices for Agriculture.
SO. SAN FRANCISCO BAY	2	Entire South Bay 24,500 acres	G M Q	Dissolved Oxygen, Coliform, Ammonia	X	X	Point Source is to be Removed - Five Year Study Completed, Recommendations being Evaluated.

STANDARD BENEFICIAL USES (1)

MUN	AGR	IND	PROC	COMM	POW	SHELL	FRESH	WARM	COLD	BIOL	MAR	SPWN	MIGR	RARE	WILD	REC 1	REC 2	SAL	GWR	NAV
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U

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TABLE 3

WATER QUALITY LIMITED SEGMENTS

June, 1988

SEGMENT NAME & DESCRIPTION	REGION	AREAL DESIGNATION	BENEFICIAL USES IMPACTED	OBJECTIVE VIOLATED	SOURCE POINT	SOURCE NONPOINT	COMMENTS-ACTIONS
SONOMA CREEK	2	El Verano to Mouth 14 miles	I M N	Dissolved Oxygen, Coliform, Eutrophication	X	X	Advanced Treatment Being Implemented. Removal of Discharge May be Required.
TOMALES BAY	2	All 7,820 acres	G Q	Coliform	.	X	Need Improved Watershed Management Practices.
CARPINTERIA MARSH *	3	Entire Area 200 acres	L G	Toxics	.	X	Greenhouse Operations, Toxic Metals & Organics in Sediments.
ELKHORN SLOUGH *	3	Entire Wetlands Area 2,100 acres	L P Q	Toxics (DDE)	.	X	Tern Eggs, Mussels, Soil, & Sediments Impacted by Agricultural Runoff.
MONTEREY BAY *	3	Area Undefined	E	Toxics (DDT)	.	.	Commercial Fish Catch Tissue Concentrations Exceed FDA Action Levels. Suspect Prior Agricultutral Use.
MONTEREY HARBOR *	3	Entire Area 74 acres	G	Toxics (Lead)	.	X	Mussel Tissue Concentrations Exceed County Health Guidelines.
NACIMIENTO LAKE *	3	Entire Lake 5,370 acres	I Q	Toxics (Mercury)	.	X	Suspect Natural Sources. Fish Consumption Health Advisories, Mercury in Tissue.

STANDARD BENEFICIAL USES (1)																			
MUN	AGR	IND	PROC	COMM	POW	SHELL	FRESH	WARM	COLD	BIOL	MAR	SPWN	MIGR	RARE	WILD	REC 1	REC 2	SAL	GWR	NAV
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U

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[illegible] BOARD DESIGNATION [illegible] WATER QUALITY LIMITED SEGMENTS

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WATER QUALITY LIMITED SEGMENTS

SEGMENT NAME & DESCRIPTION	REGION	AREAL DESIGNATION	BENEFICIAL USES IMPACTED	OBJECTIVE VIOLATED	SOURCE POINT	SOURCE NONPOINT	COMMENTS-ACTIONS
CALLEGUAS CREEK	4	22 Miles	P O T	Organics, Bacteria	X	X	PCB's Exceed the FDA Action Levels.
COLORADO LAGOON	4	13 acres	L	Toxics (Lead)	.	X	Mussel Tissue Exceeds MIS. Storm Runoff Suspect.
HARBOR LAKE	4	50 acres	I Q	Chlordane	.	X	Fish Tissue Exceeds FDA Action Level. Health Advisory in Effect.
LONG BEACH INNER HARBOR	4	840 acres	E L	Toxic Metals and Organics	.	X	Fish Tissue Exceeds FDA Action Level. Health Advisory in Effect.
LOS ANGELES INNER HARBOR	4	1260 acres	E L	Toxic Metals and Organics	.	X	Fish Tissue Exceeds FDA Action Levels. Health Advisories in Effect.
MARINA DEL REY HARBOR	4	354 acres	L Q	Toxics (Chromium, Lead, Zinc)	.	X	Mussel Tissue Exceeds MIS. Boats in Marina are Suspect.
MUGU LAGOON *	4	1500 Acres	L O P	Toxics (DDE)	.	X	Empties into an ASBS. Mussel Tissue Exceeds MIS. Prior Agricultural Use Suspected. Additional Sampling Requested.

STANDARD BENEFICIAL USES (1)

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
MUN	AGR	IND	PROC	GWRM	REC-1	SHELL	FRESH	WARM	COLD	BIOL	MAR	SPWN	MIGH	RARE	WILD	REC-1	REC-2	SAL	GWR	NAV

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PUDDINGSTONE RESERVOIR	4	490 ACRES	I Q	Chlordane	.	X	Fish Tissue Exceeds FDA Action Levels. Health Advisories in Effect.
REVOLON SLOUGH	4	9 acres	P Q T	Organics, Bacteria	X	X	PCB's Exceed the FDA Action Levels.
SANTA MONICA BAY & OCEAN OFF PALOS VERDE POINT	4	50 miles Coastline Point Dume to Point Fermin	E Q	Toxic Metals, DDT, PCB's	.	X	Storm Drains and Other Nonopoint Sources. Toxic organics exceed FDA Action Levels. Health Advisories in Effect.
BERRYESSA LAKE *	5	Entire Lake 20,700 acres	I Q	Toxics (Mercury)	.	X	Suspect Natural Sources. Fish Consumption Health Advisories, Mercury in Tissue.
CLEAR LAKE	5	Entire Lake. Lower Lake Most Severe 44,000 acres	I Q	Nutrients, Eutrophication, Toxics (Mercury)	.	X	Some Natural Sources and one mine. Fish Tissue Exceeds FDA Action Levels. Health Advisories in Effect. Local Agency Needs Financial Support.
DAVIS CREEK RESERVOIR *	5	Entire Lake 290 acres	I Q	Toxics (Mercury)	.	X	Fish Tissue Exceeds FDA Action Levels. No Public Access.

STANDARD BENEFICIAL USES (1)

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
MUN	AGR	IND	PROC	COMM	POW	SHELL	FRESH	WARM	COLD	BIOL	MAR	SPWN	MIGR	RARE	WILD	REC 1	REC 2	SAL	GWR	NAV

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GRASSLANDS	5	Wetlands area 8,224 acres	M P R	Toxics (Selenium)	.	X	Agricultural Return Waters Contain High Concentrations of Selenium Resulting in Waterfowl Deformities.
HARLEY GULCH *	5	8 miles	A I	Toxics (Mercury)	.	X	Discharge From Abbott Mine Causes Recieving Waters to Exceed Drinking Water Standards.
HORSE CREEK *	5	1 mile	H J	Acidity, Heavy Metals	.	X	Bully Hill Mine Discharge Causes Recieving Waters to Exceed Basin Plan Objectives. Waste Discharge Requirements (WDR) Adopted, Follow Up Action Required.
JAMES CREEK *	5	6 miles	H Q	Acidity, Heavy Metals	.	X	Discharge From Mines Cause Recieving Waters to Exceed Basin Plan Objectives. Abatement Facilities Designed, Litigation Underway.
KESTERSON RESERVOIR	5	Reservoir & Ponds and Surrounding Area 1280 acres	M P R	Toxics (Selenium)	.	X	Agricultural Return Waters Contain High Concentrations of Selenium Resulting in Waterfowl Deformities. Remedial Actions Underway.

STANDARD BENEFICIAL USES (1)

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
MUN	[illegible]	IND	PROC	[illegible]	[illegible]	[illegible]	FRESH	WARM	[illegible]	BIOL	MAR	SPWN	MIGR	RARE	WILD	REC 1	REC 2	SAL	GWR	NAV

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WATER QUALITY LIMITED SEGMENTS

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SEGMENT NAME & DESCRIPTION	REGION	AREAL DESIGNATION	BENEFICIAL USES IMPACTED	OBJECTIVE VIOLATED	SOURCE POINT	SOURCE NONPOINT	COMMENTS-ACTIONS
KINGS RIVER *	5	South Fork Kingsburg to Tulare Lake 30 miles	B	Boron, TDS	.	X	New Water Quality Objectives to be Developed Based on Adopted 208 Plan Recommendations.
LITTLE BACKBONE CREEK *	5	1 mile	H Q	Acidity, Heavy Metals	.	X	Discharge From Mammoth Mine Causes Periodic Fish Kills at Confluence with Lake Shasta. Abatement Facilities Under Construction.
LITTLE COW CREEK *	5	2 miles	H Q	Acidity, Heavy Metals	.	X	Discharge From Afterthought Mine Causes Recieving Waters to Exceed Basin Plan Objectives. Abatement Studies Completed.
LITTLE GRIZZLY CREEK	5	Upper No. Fork to Feather River 10 miles	H J	Acidity, Heavy Metals, Toxics	.	X	Walker Mine Drainage Causes Near Sterile Conditions in Receiving Waters. Mine Has Been Sealed, Surface Diversion Facilities Under Design.
MARSH CREEK *	5	Reservoir Downstream 24 miles	A I	Toxics (Mercury)	.	X	Discharge From Mt. Diablo Mine Causes Receiving Water to Exceed Drinking Water Standards.

STANDARD BENEFICIAL USES (1)

MUN	AGR	IND	PROC	COMM	POW	SHELL	FRESH	WARM	COLD	BIOL	MAR	SPWN	MIGR	RARE	WILD	REC 1	REC 2	SAL	GWR	NAV
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U

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WATER QUALITY LIMITED SEGMENTS

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MARSH CREEK RESERVOIR *	5	Entire Lake 375 acres	I Q	Toxics (Mercury)	.	X	Discharge From Mt. Diablo Mine Result in Fish Exceeding FDA Action Levels. Closed to Public Access.
SACRAMENTO RIVER *	5	Upper 30 miles	M Q A	Metals and Organics	.	X	Mine Drainage in Upper Reach Periodically Toxic to Fish.
SAN CARLOS CREEK *	5	1 mile	T	Toxics (Mercury, Chromium)	.	X	Discharge From New Idria Mine Causes Recieving Waters to Exceed Drinking Water Standards.
SPRING CREEK	5	Headwaters to Sacramento River 5 miles	I J M N P Q R	Acidity, Heavy Metals, Toxics	.	X	Iron Mountain Mine Drainage. Federal Superfund Project Underway.
SULFUR CREEK *	5	7 miles	A I	Toxics (Mercury)	.	X	Discharge From Manzanita Mine Causes Receiving Waters to Exceed Drinking Water Standards.
TOWN CREEK *	5	1 mile	H J	Acidity, Heavy Metals	.	X	Discharge From Bully Hill Mine Causes Receiving Waters to Exceed Drinking Water Standards. Waste Discharge Requirements (WDR) Adopted, Follow Up Action Required.

STANDARD BENEFICIAL USES (1)

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
MUN	AGR	IND	PROC	COMM	POW	SHELL	FRESH	WARM	COLD	BIOL	MAR	SPWN	MIGR	RARE	WILD	REC 1	REC 2	SAL	GWR	NAV

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WEST SQUAW CREEK *	5	1 mile	H Q	Acidity, Heavy Metals	.	X	Discharge From Mines Cause Fish kills, Abatement Facilities Under Construction.
WILLOW CREEK *	5	3 miles	H J	Acidity, Heavy Metals	.	X	Discharges From Greenhorn Mine Causes Receiving Waters to Exceed Basin Plan Objectives. Abatement Studies Complete.
"TOP SPRING"	6	Highest Spring @ Laufman Ranger Station	A	Radioactivity	.	X	Sierra Granite Containing Uranium is Suspected Source.
ASPEN,LEVIATHAN/BRYANT CREEKS	6	Leviathan Mine to Cal/Nev line 12 miles	A B H J M P Q R	Acidity, Heavy Metals, Toxics	.	X	Mine Drainage. Abatement Facilities Under Construction.
GRASS VALLEY LAKE	6	Entire Lake 20 acres	H Q R	Nutrients, Coliform	.	X	Basin Plan Amendments Proposed. Closed To Swimming. Eutrophic.
GREEN VALLEY LAKE CREEK	6	Entire Creek	A	Hexane & Toluene	.	X	Suspected Dumpsite in Watershed.
HONEY LAKE	6	Entire Lake & Adjacent Wetlands 55,327 acres	I J P	Boron, Fluoride, Heavy Metals, TDS	.	X	Geothermal & Agricultural Runoff. Need Additional Data.

STANDARD BENEFICIAL USES (1)

MUN	AGR	IND	PROC	COMM	PUW	SHELL	FRESH	WARM	COLD	BIOL	MAR	SPWN	MIGR	RARE	WILD	REC 1	REC 2	SAL	GWR	NAV
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U

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HOT CREEK	6	Twin Lakes to Owens River 7 miles	A J M Q	Nutrients, Toxic Metals, Coliform, Arsenic	.	X	Geothermal Discharges, Range Cattle, Recreation Use.
MOJAVE RIVER	6	Waterman Fault area 10 miles	T	Toxic, Organics, TDS	X	X	"Barstow Slug" & Barstow City Discharges
MONITOR CREEK	6	Heenan Lake to E. Fork Carson R. 4 miles	H J M	Acidity, Heavy Metals, Toxics	.	X	Zaca Mine. Hwy 89 Runoff, Range Cattle. Needs WLA Study.
MONO LAKE	6	Entire Lake 35,000 acres	P S	TDS	.	.	Diversions Reducing Water Level, Need Review of Water Quality Objectives.
SUSAN RIVER	6	Gold Run Cr to Litchfield 14 miles	I J P T	Heavy Metals, TDS, Boron	X	X	Geothermal Discharges, Domestic Wastewater, Agricultural & Urban Runoff.
ALAMO RIVER	7	Entire Calif. Flow 52 miles	H I P R	Toxics, Pesticides	.	X	International Source & Agricultural Runoff

STANDARD BENEFICIAL USES (1)

MUN	AGR	IND	PROC	COMM	POW	SHELL	FRESH	WARM	COLD	BIOL	MAR	SPWN	MIGR	HARE	WILD	REC 1	REC 2	SAL	GWR	NAV
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U

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WATER QUALITY LIMITED SEGMENTS

June, 1988
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SEGMENT NAME & DESCRIPTION	REGION	AREAL DESIGNATION	BENEFICIAL USES IMPACTED	OBJECTIVE VIOLATED	SOURCE POINT	SOURCE NONPOINT	COMMENTS-ACTIONS
NEW RIVER	7	Entire Calif. Flow 60 miles	H I P R	Dissolved Oxygen, Bacteria, Toxics.	X	X	International Source of Raw Sewage - New International Agreement. Acute Pollution in Upper Reaches.
SALTON SEA	7	Entire Lake, Acute in South Part. 220,000 acres	I P Q R	Dissolved Oxygen, TDS, Biostimulants, Selenium	.	X	Limited Inflow; Closed Basin
NEWPORT BAY	8	Lower Bay Rhine Channel 20 acres	E G L O P Q	Toxics	.	.	Source Investigations for Toxics
NEWPORT BAY	8	Upper Bay (Ecological Reserve) 750 acres	E G L O P Q	Bacteria, Siltation	.	X	Desilting Basins Constructed - Additional Watershed Management.
SAN DIEGO CREEK	8	Downstream of Jeffrey Rd. 10 miles	I P	Toxics	X	X	Persistent DDT & Toxaphene Exceed NAS Criteria for Whole Fish, Erosion, Siltation Control Measures, Source Investigation.
SANTA ANA RIVER	8	Reaches 2 & 3 Est. 30 miles	I Q T	Bacteria, Nitrogen, TDS	X	X	Advanced Treatment Required. Wasteload Allocations for TDS & N

STANDARD BENEFICIAL USES (1)

MUN	AGR	IND	PROC	COMM	POW	SHELL	FRESH	WARM	COLD	BIOL	MAR	SPWN	MIGR	RARE	WILD	REC 1	REC 2	SAL	GWR	NAV
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U

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BATIQUITOS LAGOON	9	Entire Lagoon Ephemeral 420 acres	L Q R	Biostimulants, Eutrophication		X	Generic Problem with Tidal Lagoons Caused by Agricultural, Urban & Rural Runoff, Plus Residual Nutrients in Sediments From Former Municipal Discharges. Major Restoration/Dredging Project to Open Mouth of Lagoon to Increase Tidal Flushing is being implemented.
LOS PENASQUITOS LAGOON	9	Entire Lagoon 385 acres	L Q	Biostimulants Eutrophication	X	X	Generic Problem with Tidal Lagoons Caused by Agricultural, Urban & Rural Runoff, Plus Residual Nutrients in Sediments From Former Municipal Discharges. Sewer Overflows are Wet Weather Recurring Problem. Alternatives include Dredging and Opening Mouth of Lagoon to Increase Tidal Flushing. Dredging Planned. Sewer Collection Systems being updated.
MISSION BAY	9	Entire Bay Impacted 1,520 acres	E G Q	Bacteria	X	X	Recurring Sewer line Breaks. Old Lines Being Replaced. Urban Runoff. More Severe Pollution Along the Northern and Eastern Shore.

STANDARD BENEFICIAL USES (1)

MUN	AGR	IND	PROC	COMM	POW	SHELL	FRESH	WARM	COLD	BIOL	MAR	SPWN	MIGR	RARE	WILD	REC 1	REC 2	SAL	GWR	NAV
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U

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SAN DIEGO BAY	9	Entire Bay Impacted 12,000 acres	E G L	Toxics		X	Some areas impacted more severly than others. Study Initiated to Define Presence, Effects and Probable Sources of Toxics. Sources Include Past Industrial Discharges, Boat Hull Paints and Urban Runoff.
SAN ELIJO LAGOON	9	Entire Lagoon 330 acres	L Q	Biostimulants		X	Generic Problem with Tidal Lagoons Caused by Agricultural, Urban & Rural Runoff, Plus Residual Nutrients in Sediments From Former Municipal Discharges.
SANTA MARGARITA LAGOON	9	Entire Lagoon 260 acres	L Q	Biostimulants Eutrophication	X	X	Generic Problem with Tidal Lagoons Caused by Agricultural, Urban & Rural Runoff, Plus Residual Nutrients in Sediments From Former Municipal Discharges. The Direct Discharge of Treated Municipal Wastewater From Camp Pendelton. Establishment of TIme Schedules for the Elimination of all Direct Discharges of Inadequately Treated Wastewater Should Lead to Improved Conditions.

STANDARD BENEFICIAL USES (1)																				
MUN	AGR	IND	PROC	COMM	POW	SHELL	FRESH	WARM	COLD	BIOL	MAR	SPWN	MIGR	RARE	WILD	REC 1	REC 2	SAL	GWR	NAV
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TIJUANA RIVER	9	International Boundary to Estuary 7 miles	R T	Bacteria, Solids, Biostimulants	X	X	International Source. Border Sewage Interceptor Being Constructed.
TIJUANA RIVER ESTUARY	9	Entire Estuary 150 acres	E G L Q R	Bacteria, Toxics, Biostimulants, Dissolved Oxygen.	X	X	Border Sewage Interceptor Under Construction. Estuary Mouth Being Kept Open to Allow Tidal Flushing.

STANDARD BENEFICIAL USES (1)																			
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U

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