

Project Clean Water



Comprehensive Planning Technical Advisory Committee

BASELINE INVENTORY (DRAFT 6/6/01)

I. Land Use Planning

- General / Master Plans
- Specific / Sub-Area Plans Plans
- Regulatory Ordinances (zoning, grading, stormwater)
- CEQA / NEPA Process

II. Growth Management Planning

- SANDAG Regional Growth Management Strategy / Region 2020
- Smart Growth Coalition

III. Transportation Planning

- SANDAG Regional Transportation Plan
- SANDAG Regional Transportation Improvement Program

IV. Flood Control Planning

- Flood Control Master / Drainage Plans

V. Resource Management Planning

- MSCP / MHCP
- Special Area Management Plans (SAMPs) [San Juan, Otay, Penasquitos]
- Parks / Open Space Planning
- Water Resource / Supply Planning
- Prop 12 Grants

VI. Water Quality Planning

- California Ocean Plan
- San Diego Basin Plan / Triennial Review
- TMDL Process
- California Toxics Rule

VII. Watershed Planning

- Municipal Stormwater Permit (Order No. 2002-01) Watershed Planning Requirements
- Prop 13 Watershed Planning Grants
- 205(j) Planning Grants

VIII. Regional Planning

- Regional Government Efficiency Commission
- SANDAG Regional Planning

IX. Other Planning Efforts

REGIONAL FOCUS FOR ALL WATERSHEDS

Name	Agency	Purpose
Land Use Planning		
General Plan	County of SD	elements include land use, circulation, housing, open space, conservation, noise, and safety
California Environmental Quality Act (CEQA)	Resources Agency	requires state and local agencies to identify the significant env'tal impacts of their actions & mitigate them
National Environmental Policy Act (NEPA)		
Resource Management Planning		
Natural Communities Conservation Planning Program (NCCP)	SANDAG, City & Co of SD	conservation of large units of land and planning for environmental systems
Multiple Species Conservation Plan (MSCP)	USGS, City of SD	preserve several acres of high quality wildlife habitat
Multiple Habitat Conservation Program (MHCP)	SANDAG	ensure self-sustaining viable populations of nearly 80 sensitive species and their habitats
Special Area Management Plans	ACoE	management of water resources
California Coastal Commission Local Coastal Program	Coastal Commission	consists of a land use plan, zoning documents, and other implementing actions
Water Quality Planning		
California Ocean Plan	SWRCB	water quality control for ocean waters of California
San Diego Basin Plan	RWQCB	enhance water quality and protect beneficial uses for all regional waters
Nonpoint Source Mangement Plan	SWRCB, RWQCB	initiates management approaches of nonpoint sources, including BMPs
Thermal Plan	RWQCB	establishes waste discharge requirements for elevated temperature wastes
TMDL Program	SWRCB	setting limitations on pollution that water is exposed to
California Toxics Rule	SWRCB, EPA	numeric water quality criteria for priority toxic pollutants
Watershed Planning		
205(j) Planning Grants	RWQCB	Water Quality Standards/Policies Update
319(h) Planning Grants	SWRCB	implementation
Watershed Management Initiative (WMI) Integrated Plan	RWQCB	coordination of stakeholders to address point and NPS pollution
Regional Wetlands Management Plan	SWRCB	would support a State pilot project, which the Regional Board would take responsibility for implementing the Nationwide Permit Program under a State Program General Permit
Prop 13 Grants	RWQCB	
Growth Management Planning		
General Plan 2020	County of SD	develop a document to protect the env't; accommodate population growth with facilities and services

SAN JUAN

Name	Agency	Purpose
Land Use Planning		
San Juan Creek and Aliso Creek watershed mgmt study	Army Corps of Engineers / County natural communities conservation planning	comprehensive baseline of data for the watersheds
Aliso Creek water	County of Orange	develop plan to establish goals and implement strategies
Resource Management Planning		
San Juan Creek / San Mateo creek watershed samp	Army Corp of Engineers	Aliso Creek and San Juan Creek watershed feasibility study
San Mateo Creek / San Onofre Creek native fish restoration	State Coastal Conservancy	
Water Quality Planning		
quality enhancement		for protection of watershed
marine mitigation program	San Onofre nuclear station	mitigate impacts to the marine environment
Growth Management Planning		
Riverside County integrated project	Riverside County / City of Temecula	growth management / establishment of greenbelts and open space areas
water reconnaissance studies for Newport Bay, Aliso Creek and San Juan Creek	Corps of Engineers /several agencies	overall coordination of 14 public agency projects

SANTA MARGARITA

Name	Agency	Purpose
Land Use Planning		
Sediment Transport Model	Camp Pendleton	study on sediment transport, coastal sediment delivery
wetlands planning process	Army Corps/EPA	
Nitrate Reduction Program for Rainbow Creek	Mission Resource Conservation	community education of watershed monitoring
GIS Model	Biodiversity Research Consortium	GIS based model of land use and impacts on biodiversity
Resource Management		
Natural Conservation and Habitat Management Plan	USMC/US Fish&Game	reduction of military training on sensitive areas
Land Acquisition	Co. of SD, Riverside	\$2.5 million to acquire riparian areas for conservation
Water Quality Planning		
Watershed Water Quality Monitoring Group	Camp Pendleton	Support Fed Bureau of Reclamation, support regulatory permit monitoring requirements, and provide data to stakeholders
Rainbow Creek Study	Camp Pendleton	pilot water quality study to address Rainbow Creek TMDLs
Watershed Planning		
Watershed Enhancement Plan	Coastal Conservancy/EPA	research on watershed hydrology and biology
CWA, Sec. 208 planning grant	Joint Powers of Authority	fund development for water quality control plans
Prop 13		
Public Education	Coastal Conservancy	visitor center to inform community on conservation plans
Flood Control Planning		
Erosion Monitoring	Caltech	analyzing erosion along banks of river during last century
Hydrologic Analysis	USGS	analysis of response to precipitation of the watershed
Watershed Management and Alternative Flood Control Plan	State Coastal Conservancy	long-term preservation of wetland/riparian habitats and the maintenance of hydrologic balance in the watershed

SAN LUIS REY

Name	Agency	Purpose
Land Use Planning		
Watershed Management Strategy	SLR Watershed Council	water resources preservation plan for the watershed
SLR Management Guidelines 2000	Mission RCD, SLRWC	
Multi-objective River Corridor Management Plan	State Coastal Conservancy	identify existing land uses and the condition of watershed resources
Resource Management		
Watershed Manual Program	SLR Watershed Council	provide information to the community on erosion, wildlife, land development, and water pollution
Habitat Conservation Plan	SANDAG	The plan designates 12 acres of riparian habitat west of I-5 as Conserved Habitat.
Mineral Resources Management Plan		
Arundo Education Program	SLR Watershed Council	providing educational materials to the community on the Arundo donax species
Watershed Planning		
Guajome Lake Project (205j)	Co. of SD Parks & Rec, SCC, EPA	document existing water quality and explore pollution control and restoration for Guajome
SLR Water Quality Assessment (205j)	Co. of SD Parks & Rec	develop management policies based on WQ studies
Water quality monitoring, sand removal, flow control from Lake Henshaw wilderness designation.	Native American Environmental Protection Coalition	Ensure the protection and preservation of Tribal Land and their ecosystem

SAN DIEGUITO

Name	Agency	Purpose
Land Use Planning		
San Dieguito Basin	SD County	groundwater monitoring study
San Pasqual Master Plan	SD County	
Lagoon Wetland Restoration Project	SD County	covers approx. 150 acres of San Dieguito Lagoon Wetlands
Trails Project	SD County, Joint Powers Authority	14 miles of trails covered includes San Dieguito Lagoon, Crosby Estates, and Mule Hills
Santa Maria Creek Sub-basin study	SD County	reduction of high TDS water imports
Resource Management		
Santa Isabel Ranch	SD County	5400 acres of property bought for conservation
Ramona Grasslands Preserve	SD County	5,000 acre riparian and wetlands project
Water Quality Planning		
Watershed Sanitary Survey	City of SD Water Dept.	covers water supply of hedges and Sutherland Reservoirs completed in 1996, being updated in 2001
The San Diego Stream Team	citizen based	group conducts EPA approved bio-assessment monitoring
Watershed Planning		
Runoff and Siltation project	Joint Powers Authority	reduce agricultural runoff and reduce siltation to river and lagoon
Prop. 13: River Protection	SD County	\$11 million for wildlife conservation in San Dieguito River Corridor

CARLSBAD

Name	Agency	Purpose
Resource Management Planning		
Invasive Species Education Program	City of Carlsbad	information available to the community on Castor Bean, Arundo Donax, and Pampas Grass
Sanitary District Property Project	City of Escondido	removal of invasive species
Watershed Management Strategy	Carlsbad Watershed Network, Wetlands Recovery Group	Habitat preservation and recreational maintenance
Water Quality Planning		
San Elijo Lagoon Water Quality Study	SD Co. Parks & Recreation	characterize microbial water quality for risk assessment
Batiquitos Lagoon Foundation		water quality monitoring team formed
Watershed Planning		
Buena Vista Lagoon Watershed Study (205j)	Ca State Coastal Conservancy	develop methods to mitigate sedimentation in lagoon
Watershed Management Plan (205j)	SD Co. RCD, CWN	Develop management plan to protect water quality with emphasis on coliforms and sediments
Loma Alta Creek Watershed Management and Enhancement Plan, (205j)	City of Oceanside	develop a management plan emphasizing nonpoint source pollution
Watershed Management Grant	City of Escondido	application with grant in conjunction with the Cottonwood Creek Conservancy

PENASQUITOS

Name	Agency	Purpose
Land Use Planning		
Mission Bay Park Master Plan	City of San Diego	
Master Watershed Plan		
Penasquitos Lagoon Enhancement Plan	lagoon foundation	
Resource Management Planning		
Lopez Canyon		funding for restoration
Habitat Conservation Plan	City of Poway	
Water Quality Planning		
Sanitary Survey	City of San Diego	
Rose and Tecolote Creeks	City of San Diego	Proposed Water Quality Improvement Project
Mission Bay Water Quality Monitoring	City of San Diego	monitoring water quality
Simple Technology Against Runoff (STAR)	The Nature School	wetland function in mitigating NPS pollution discharged into waterways during dry weather

SAN DIEGO RIVER

Name	Agency	Purpose
Land Use Planning		
Santee-EI Monte Groundwater Basin Project	Lakeside Community Group	protection of basin and river by Ca Fish & Game, Lakeside Water District, local businesses, and a resident coalition
RCP Sand Mining Reclamation Plan		create new riparian woodland, freshwater marsh habitat, and revegetating islands, but relies on WMP
Wetlands Freshwater Release Study	SD Association of Gov'ts	Develop ways to use treated wastewater that benefit habitats in SD River and TJ estuaries
Resource Management		
Groundwater Basin Study	SD Co. Water Authority	study of utilizing groundwater basin for storage purposes
Conceptual Area Acquisition Plan(CAAP)	Ca Fish & Game, SD Co., Iron Mountain Conservancy	adopted for Iron Mountain Ridge & Canada de San Vincente Preserves
SD River Mission Creek Dev. Reclamation Plan	City of Santee	river in Santee revegetated to increase native habitat pop.
Master Reclamation Plan	City Counsel	
Navajo Community Plan	City Counsel	provides design guidelines for protection of San Diego River
Preservation of defined areas	determined accordingly	includes Mission Valley Preserve, Mission Trails Regional Park, Santee Lakes, Famosa Slough, Mast Park in Santee
Upper San Diego River Improvement Plan USDRIP	SD County	modification of river channel for confinement & naturalization
Water Quality Planning		
Watershed Sanitary Survey	Helix Water District, City of SD Water Dept	existing and potential sources of contamination identified; completed 1996, being updated in 2001
MTBE Project	Riverview Water District	eliminate MTBE contamination
Watershed Planning		
Famosa Slough Enhancement Plan	City of SD, Friends of Famosa	Reduce urban pollutants via treatment marsh, education
Prop 13 Management Plans	County Lead, SD River Watershed	To develop urban management plans per future permit and GIS mapping of all stormwater conveyances and receiving waters
Lindo Lake Project- 205(j) grant	SD Co. Parks and Recreation	Lake rehabilitation, restoration to improve water quality for beneficial uses

Name	Agency	Purpose
Resource Management Planning		
Natural Resources Management Plan	Port of San Diego	development, conservation, and management of the San Diego Bay ecosystem
Habitat Restoration Plan	Port of San Diego	
Endangered Species Management Program	Port of San Diego	nesting site preparation, vegetation control, predator control, public information program, monitoring program
Water Quality Planning		
Water Quality Monitoring	Sweetwater Authority	assessing all parameters affecting water quality
Watershed Planning		
Roberts Ranch Restoration Project (319h)	US Forest Service	improve soil stability, protect wetlands, and improve water quality via implementation of BMPs
Sweetwater Preservation Project (205j)	Sweetwater Authority	develop a long term strategy to preserve and protect the source waters in the watershed
Watershed Management Program		organization of stakeholders and identification of water quality objectives
Summit-Students Solving Water Quality Problems (319h)	County of San Diego	improve water quality through student involvement

SAN DIEGO BAY (Pueblo)

Name	Agency	Purpose
Resource Management Planning		
Natural Resources Management Plan	Port of San Diego	development, conservation, and management of the San Diego Bay ecosystem
Habitat Restoration Plan	Port of San Diego	
Endangered Species Management Program	Port of San Diego	nesting site preparation, vegetation control, predator control, public information program, monitoring program
Watershed Planning		
Watershed Management Strategies Plan	SD Bay Watershed Task Force	
Citizen Watershed monitoring Program (319h)	SD BayKeeper	citizen monitoring for 7th St. Channel/Paletta Creek Watershed
Student to Student Environmental Education Program (319h)	EH Coalition	educational program to reduce loading of pollutants in SD Bay
Chollas Creek Watershed Protection Project (319h)	EH Coalition	develop a school-based watershed protection program

SAN DIEGO BAY (Otay)

Name	Agency	Purpose
Land Use Planning		
Otay Valley Regional Park Concept Plan	Co, City of San Diego, City of Chula Vista	identify biological and recreation areas including trails and staging areas
Greenbelt Master Plan/OVRP Master Plan	Co, City of San Diego City of Chula Vista	preparation for a Master Plan to implement the OVRP Concept Plan for the entire Otay valley
Chula Vista Bikeway Feasibility Study	City of Chula Vista	study to adopt potential bikeways throughout Otay valley
Resource Management Planning		
Natural Resources Management Plan	Port of San Diego	development, conservation, and management of the San Diego Bay ecosystem
Habitat Restoration Plan	Port of San Diego	
Endangered Species Management Program	Port of San Diego	nesting site preparation, vegetation control, predator control, public information program, monitoring program
Western Otay Valley Regional Park Natural Resource Management Plan	City of San Diego	resource management for properties within the Cities of San Diego and Chula Vista
Otay River Valley Resource Enhancement Plan	Coastal Conservancy	
ORV Watershed Tamarisk and Giant Reed Control Program	City of San Diego	establish framework for eradicating invasive species
Water Quality Planning		
Watershed Sanitary Survey	City of San Diego	identifying significant contaminants, reviewing raw water data, and monitoring quality
Otay Ranch Biota Monitoring Program	Otay Ranch Owner	adopted for the Otay Ranch Resource Management Plan

TIJUANA

Name	Agency	Purpose
Land Use Planning		
Management Plan	Interpretive Association, Coastal Conservancy	enhancement
International Boundary Plan	City of TJ/SD, SANDAG, SDSU, SanGIS	
Goat Canyon Enhancement and Sediment	EPA, Southwest Wetlands	public education and defense measures, including riparian use
Resource Management		
Habitat Restoration	PERL, Tijuana Estuary	
Natural Resource Studies	EPA, NSF, USGS, SDSU	
Water Quality Planning		
Wastewater Management	SDSU	a watershed approach to wastewater management
Tijuana River Water Quality	SDSU	monitoring and modeling of water quality
Watershed Planning		
River Discharge Model	NOAA, EPA	GIS-based monthly discharge model for coastal watersheds-Baja
Ecosystem Responses, NSDI Research, GIS Demonstration	SDSU	monitoring ecosystems responses to pulsed events and changes in tidal flows in the Tijuana Estuary
National Community Demonstration Project Site	NOAA, SDSU, COLEF	project to demonstrate innovative use of geospatial technologies SDSU, SanGIS in solving environmental problems
Flood Control Planning		
International Watershed Flood Management Study	ACoE, TJ County Water District, IBWC	investigate potential impacts of water releases from reservoirs and other supply sources during wet periods