



Legend	
Water Quality	
Habitat/Biology	
Hydrology (Rain/Flow Data)	
Land Use/Planning	

SAN DIEGO RIVER WATERSHED MANAGEMENT PLAN

SUBTASK 7.1 LIST OF EXISTING DATA AND INFORMATION COLLECTED

Title	Source/Author	Contact/ Web Address	Dates/ Interval of Coverage	Geographic Area	Data Types				Comments
					Water Quality	Habitat/ Biology	Hydrology Rain/Flow Data	Land Use/ Planning	
2001 Annual Report. 2001.	San Diego County Water Authority				√				
A Full-Scale test of EARTHTEC Algicide in Murray Reservoir, San Diego County, California	J. Pasek	Jeff Pasek	1993	Murray Reservoir	√	√			
Action Plan for Eradication of Hydrilla from Murray Reservoir	N. Dechoretz, J. Pasek	Jeff Pasek	1992	Murray Reservoir	√	√			
An Analysis of the Proposed 303(d) Listings for Total Dissolved Solids in San Diego County Watersheds	Prepared for the California State Water Resources Control Board by The San Diego Regional Workgroup	David Keith	1930-2001 Data Included	San Diego County, including San Diego River	√		√	√	Economic impacts from attempting to meet Basin Plan objectives, if higher TDS water is imported, potential impacts to surface water, economic impact on agricultural community, severely limited future water supply
Annual Water Quality Report, Helix Water District	Helix Water District	http://www.hwd.com/quality/report.pdf	Annual Report, June 2002	Helix Water District	√				
Artificial Destratification of El Capitan Reservoir by Aeration	Arlo Fast	Jeff Pasek	1968	El Capitan Reservoir	√				
Beach Closure Reports (2000, 2001, 2002), Dog Beach 1/99-10/02	County of SD, Dept. of Environmental Health		1/2000-12/2002	San Diego County	√				AB411 Bacterial Data
City of El Cajon Dry Weather Monitoring	City of El Cajon	Julie Hampel	2000 - ongoing	City of El Cajon	√				Illicit connection/illicit discharge dry weather inspections and monitoring. Includes estimation of flow, field analyses of pH, EC, nitrate, ammonia, turbidity, and phosphate, and laboratory analyses for metals, pesticides, and bacteria.
City of La Mesa Dry Weather Monitoring	City of La Mesa	Driss Elwardi	2000 - ongoing	City of La Mesa	√				Illicit connection/illicit discharge dry weather inspections and monitoring. Includes estimation of flow, field analyses of pH, EC, nitrate, ammonia, turbidity, and phosphate, and laboratory analyses for metals, pesticides, and bacteria.
City of San Diego and Co-Permittee NPDES Storm Water Monitoring Program-Volume 1 - Final Report	Prepared for The City of San Diego, General Services Department by MEC Analytical Systems, Inc., with Camp Dresser & McKee Inc., MGD Technologies, Inc., and EnviroMatrix Analytical Services, Inc.		Report Dated: July, 2001	San Diego County	√		√		Characterize pollutant loads associated with storm water runoff and identify potential pollutant sources.
City of San Diego Dry Weather Monitoring	City of San Diego	Stephanie Panza	2000 - ongoing	City of San Diego	√				Illicit connection/illicit discharge dry weather inspections and monitoring. Includes estimation of flow, field analyses of pH, EC, nitrate, ammonia, turbidity, and phosphate, and laboratory analyses for metals, pesticides, and bacteria.



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City of San Diego Water Dept. Upstream Data	City of San Diego Water Dept.	Jeff Pasek and Dan Daft	2000- ongoing	Streams above El Capitan and San Vicente Reservoirs	√		√		City of San Diego's Watershed Management Group has collected monthly samples at 13 sites, located on streams that feed El Capitan and San Vicente Reservoirs. Monitoring efforts began Chocolate Creek above El Capitan Reservoir high water line, Puetz Creek upstream of El Capitan Reservoir, Conejos Creek above El Capitan Reservoir high water line, Boulder Creek just before joining the San Diego River, Cedar Creek just before joining the San Diego River, San Diego River above Boulder and Cedar Creeks, San Vicente Creek downstream of San Diego Country Estates, San Vicente Creek above San Vicente Reservoir high water line, Barona Creek above San Vicente Reservoir high water line, Kimble Creek above San Vicente Reservoir high water line, Toll Road Creek above San Vicente Reservoir high water line, Aqueduct Arm Creek above San Vicente Reservoir high water line: Ammonia, nitrate, nitrite, total nitrogen, phosphate, total phosphorous, total e-coli, enterococcus, total coliform, suspended solids, total dissolved solids, EPA 504/505, EPA 524.2, EPA 525, EPA 531.1 pH, specific conductance, dissolved oxygen.
City of Santee Dry Weather Monitoring	City of Santee	Robert Zaino	2000 - ongoing	City of Santee	√				Illicit connection/illicit discharge dry weather inspections and monitoring. Includes estimation of flow, field analyses of pH, EC, nitrate, ammonia, turbidity, and phosphate, and laboratory analyses for metals, pesticides, and bacteria.
Comprehensive Planning Organization (CPO). Area Wide Water Quality Management Plan, Problems and Management Responsibilities, Part III. (208 Water Quality Management Study). 1978.					√			√	
Draft Clean Water Act Section 303(d) List of Impaired Waters – 2002 Update, March 19, 2002.	California Regional Water Quality Control Board, San Diego Region (RWQCB).				√				
Dry Weather Field Screening Program	County of San Diego	Chattral Koether (619) 338-2779: http://endeavor.des.ucdavis.edu/nrpi/NRPIDescription.asp?ProjectPK=420	Start Date: 5/1/02 - ongoing	San Diego County	√				Monitoring stations are located throughout the urbanized portions of the unincorporated County.
DWR Phase III Report, DWR Phase IV Report, DWR Phase VI Report, State Health 2000.	California Department of Water Resources.		December 8, 1950 to April 22, 1991.		√				
Evaluation of Conceptual Wastewater Alternatives, Lakeside and Alpine Sanitation Districts	NBS/Lowry Engineers & Planners, Inc.		Report date: February 1994	Santee groundwater basin	√		√		Summarizes data derived from previous studies; Summarizes water quality data developed in prior studies; Provides summaries of hydrogeologic characteristics presented in prior studies
Evaluation of the Mission, Santee, and Tijuana Hydrologic Subareas for Reclaimed-Water Use, San Diego County, California, Water Resources Investigations Report 85-4032	Izbicki, John A. (U.S. Geological Survey)		Report date: December 1985; includes groundwater quality data thru 1983	Santee/El Monte groundwater basin	√		√		Good primary data source for pre-1984 groundwater data; Presented results of groundwater well survey, groundwater quality analyses; summarizes surface water quality for mineral constituents; Presents good hydrogeologic description of Santee/El Monte basin.
Friends of Famosa Slough, Citizens Monitoring Program	Friends of Famosa Slough	David Kimball	2002-2003	Famosa Slough	√				Temperature, pH dissolved oxygen, salinity and specific conductance, turbidity, phosphate at 5 sites in Famosa Slough.



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Groundwater Data. USGS Bulletin 91-18, USGS Bulletin 106-2, USGS 1996 Data File, USGS OFR 77-289, USGS OFR 77-684, USGS OFR 90-592, USGS OFR 80-960, USGS OFR 81-342, USGS OFR 82-855, USGS WRIR 88-4030, USGS WRIR 88-4223, USGS WRIR 90-4014, USGS WRIR 90-4021. December 8, 1950 to April 22, 1991.	U.S. Geological Survey				√				
Groundwater Feasibility Study, Emergency Water Storage for San Diego County	NBS/Lowry Engineers & Planners, Inc.		Report date: September 1995	Santee/EI Monte groundwater basins	√		√		Good primary source for locations of groundwater wells and uses of the wells; Summarizes available (pre-1995) groundwater quality data for Santee/EI Monte groundwater basin; Conducted survey of wells and groundwater use; summarizes hydrogeologic characteristics of Santee/EI Monte basin
Groundwater Quality and Occurrence, San Diego Region. Bulletin No. 106-2.	California Department of Water Resources		Report date: 1967	Santee/EI Monte groundwater basin; El Cajon groundwater basin; Mission San Diego groundwater basin	√		√		Pre-1967 groundwater data are useful only from a historical perspective; Groundwater quality data for all alluvial groundwater basins within the watershed; Hydrogeologic descriptions of basins
Monthly and quarterly water quality monitoring reports	Padre Dam Municipal Water District		Monthly reports available through 2002	San Diego River downstream from Santee Lakes and immediately upstream from Santee Lakes	√				Excellent primary source for surface water quality data; Monthly surface water quality data for nutrients & minerals at five receiving water stations along the San Diego River
Monthly water quality reports. 1990-2000.	Metropolitan Water District of Southern California				√				
Proposed Basin Plan Revision	NBS/Lowry Engineers & Planners, Inc.		Report date: July 1985	San Diego River downstream from Santee Lakes	√				Summarizes results of pre-1985 iron and manganese samples collected by other agencies.
Proposed Modification of Basin Plan Water Quality Objectives for the Mission San Diego Hydrographic Subarea and a Portion of the Santee Hydrographic Subarea	NBS/Lowry Engineers & Planners, Inc.		Report date: July 1989	Mission San Diego groundwater basin	√		√		Good summary of pre-1988 groundwater quality data; Summarizes results of pre-1989 groundwater quality data and surface water quality data downstream from Santee Lakes; Summarizes and analyzes USGS surface water flow data
Proposed Modification of Basin Plan Water Quality Objectives, Volume 2, El Cajon, Santee, and El Monte Basins	Clean Water Program for Greater San Diego		Report date: June 1990	Santee/EI Monte groundwater basin and El Cajon groundwater basin	√		√		Makes use of existing groundwater quality data; good primary source of data for El Cajon groundwater well locations and uses; groundwater well locations and uses for Santee/EI Monte basin superceded by 1995 NBS/Lowry survey; Summarizes pre 1989 groundwater quality data for Santee/EI Monte and El Cajon basins; Conducts 1989 survey of existing groundwater wells and uses within the Santee/EI Monte and El Cajon basins
Receiving Water Study, Lake No. 1 Discharge to Sycamore Creek	Padre Dam Municipal Water District		Report date: May 2002	San Diego River downstream from Santee Lakes and immediately upstream from Santee Lakes	√		√		Summarizes and assesses results of PDMWD surface water quality monitoring along the San Diego River; Summarizes and assesses results of PDMWD surface water monitoring along San Diego River; Summary of USGS flow data for downstream segment of San Diego River



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Report on Hydrogeologic Investigations in the Upper San Diego River Valley	James M. Montgomery Consulting Engineers, Inc. (For Santee County Water District & County of San Diego Department of Sanitation and Flood Control)		Report date: June 1973	Santee/EI Monte groundwater basin	√		√		Reviewed data sources available in 1973; data useful only from a historical perspective; Reviews and assesses previously published groundwater quality data; Summarizes previously-published surface water runoff data; assesses groundwater hydraulics within Santee/EI Monte basin
Riverview Water District Well Monitoring	Riverview Water District	Jeanne Swaringen (619) 561-1333, fax (619) 561-1659	1998	Lakeside EI Monte groundwater basin					Also has some data on 2003
Riverview Water District Well Monitoring	Riverview Water District	Jeanne Swaringen (619) 561-1333, fax (619) 561-1659	2002	Lakeside EI Monte groundwater basin					Also has some data on 2003
Salinity Management Study, Final Report. 1999.	Metropolitan Water District of Southern California and U.S. Bureau of Reclamation				√				
San Diego Basin Water Quality Control Plan/Comprehensive Water Quality Control Plan Report, San Diego Region	California Regional Water Quality Control Board, San Diego Region	Unspecified (619) 467-2952 http://endeavor.des.ucdavis.edu/nrpi/NRPIDescription.asp?ProjectPK=5240	Start Date: 1/1/75 - ongoing	Orange, Riverside and San Diego	√			√	The federal Clean Water Act and the California Porter-Cologne Water Quality Control Act required that the Regional Board adopt a water quality control plan to guide and coordinate the management of water quality; Establishes original San Diego Basin surface water quality objectives on the basis of goals, but incorporates existing groundwater quality into developed groundwater quality objectives; Summarizes pre-1976 water use & water quality
San Diego County Cooperative Groundwater Studies, Phase II	California Department of Water Resources, Southern District		Report date: August 1984	Santee/EI Monte groundwater basin	√		√		Relies on data developed by Izbicki & USGS in 1985 report; Summarizes data developed by Izbicki & USGS in December 1985 USGS report; Provides general hydrogeological description of Santee/EI Monte basin
San Diego County Cooperative Groundwater Studies, Phase III	California Department of Water Resources, Southern District		Report date: October 1986	El Cajon groundwater basin	√		√		Concludes that groundwater development within the El Cajon basin is unlikely; Reviews historical (pre-1986) groundwater quality data for El Cajon basin; Description of hydrogeologic characteristics of El Cajon basin; reviews historical groundwater quality data
San Diego County Water Authority Groundwater Report	San Diego County Water Authority		Report date: June 1997	Mission San Diego groundwater basin; Santee/EI Monte groundwater basin	√		√		Reviews and assesses potential groundwater enhancement projects within the San Diego River watershed; Summarizes historical (pre-1996 groundwater quality data); Provides summary of groundwater hydrogeologic characteristics for Santee/EI Monte basin and Mission San Diego basin
San Diego NPDES Stormwater Monitoring Annual Report: 2000-2001	MEC Analytical	San Diego Regional Water Quality Control Board	Published: 2002 Data Coverage: 2000-2001	Fashion Valley, San Diego River	√		√	√	Estimates based on EMCs from five mass loading monitoring stations in SD County (Agua Hedionda, Tecolote, Chollas, California, and Sorrento Valley). L.A. County and NURP data used to supplement for non-urban land uses. Hence not direct measurements. Non-urban values less region-specific but are best available; Estimates of EMCs and loadings for BOD, COD, TSS, Nutrients, and Metals; Annual mean precipitation; Land Use acreages from SANDAG GIS data base and SANDAG 1990 and 1997 Generalized Land Use maps



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San Diego NPDES Stormwater Monitoring Annual Report: 2001-2002	MEC Analytical	San Diego Regional Water Quality Control Board	Published: 2003 Data Coverage: 2001-2002	Fashion Valley, San Diego River	√		√	√	Flow-weighted composite sampling and grab sampling results for three representative storms from station co-located with USGS flow gauge; Measurements of BOD, COD, nutrients, TDS, TSS, turbidity, MBAS, metals, pesticides, toxicity, and bacteria. Evaluation of test results against Basin Plan objectives; Precipitation depths for three monitored representative storm events during November 2001-March 2002; Land Use acreages from SANDAG GIS data base and SANDAG 1990 and 1997 Generalized Land Use maps
San Diego Region Previous Storm Water Monitoring and Future Recommendations	Prepared for The City of San Diego, General Services Department by MEC Analytical Systems, Inc., with Camp Dresser & McKee Inc., MGD Technologies, Inc., and EnviroMatrix Analytical Services, Inc.		1993-2001	San Diego County	√		√	√	Reviews objectives and data of historical stormwater monitoring programs (1993-2001), and makes recommendations for future coordinated monitoring efforts under RWQCB Order 2001-01.
San Diego River Nutrient Study (SEP00-010)	City of San Diego	Regional Board Contact Rebecca Stewart	Ongoing	San Diego River	√				To investigate the role of nutrient flow across the sediment-water interface in various sections of the San Diego River.
San Diego River Outlet 1999-2002, AB411	County of San Diego, Dept. of Environmental Health	Clay Clifton	Ongoing		√				AB 411 Bacteria Data
San Diego Stream Team Data from 2002 and previous years		Cynthia Mallett, coordinator www.sdstreamteam.org			√				Bioassessment data for Alvarado Creek, San Vicente Creek, and Wildcat Canyon.
San Vicente Reservoir Hypolimnetic Oxygenation System Design Support	Flow Science Inc.	Jeff Pasek	1997	San Vicente Reservoir	√				
San Vicente Reservoir Management Program	Welch, Michael R. (City of San Diego Metropolitan Wastewater Department)		Report date: April 1998	San Vicente Reservoir	√		√		Summarizes pre-1998 City of San Diego water quality data for San Vicente Reservoir; Summarizes pre-1998 City of San Diego data on surface inflows and releases from San Vicente Reservoir
San Vicente Reservoir Management Program, Water Repurification project, Final Report	Montgomery Watson		1998	San Vicente Reservoir	√				
San Vicente Reservoir Sediment - Water Interface Study	Mark Beutel		2001	San Vicente Reservoir	√				
SDRWQCB Biological Assessment Annual Reports 1999 & 2001	SDRWQCB (WURMP)				√	√			
SEACAMP - San Diego	SEACAMP	Phil Zerofski www.seacamp.com			√				
Source Water Protection Guidelines, September 2003	City of San Diego, Water Dept.	Jeff Pasek & Bob Collins		Reservoirs	√		√		
Southern California Bays and Estuaries Chemistry, Toxicity and Benthic Community Conditions in Sediments	Coop between National Oceanic and Atmospheric Admin and Regional Water Quality Control Board	Peter Michael (858) 467-2990 http://endeavor.des.ucdavis.edu/nrpi/NRPIDescription.asp?ProjectPK=5238	End Date: 5/31/97	San Diego	√				Objectives of the study were 1) degradation based upon chemistry, toxicity and benthic structure, 2) spatial patterns in sediment, 3) potential toxic hotspots, 4) effectiveness of stratified designs for locating hotspots, 5) solid toxicity tests, 6) develop benthic index for interpretation, 7) identify which toxicants are most associated with toxic responses and 8) evaluate tests
Staff report on Stream Enhancement and Reclamation Potential, 1988-2015.	California Regional Water Quality Control Board, San Diego Region		Report date: 1988.	San Diego River downstream from Santee Lakes	√			√	Concept study concluded that 30 mgd recycled water stream discharge can enhance surface water beneficial use along the San Diego River; Review of pre-1998 water quality data (generalized review)
Stormwater Monitoring	Department of Transportation/Caltrans	Kimberly Weinstein/Caltrans			√				



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Strategic Plan for Water Supply. 1997.	City of San Diego				√			√	
Surfrider Foundation, Blue Water Task Force	Jamie Miller	www.surfrider.org			√				Ocean Beach, Dog Beach
Technical Report on Proposed Modifications of Proposed Basin Plan Objectives for the Mission San Diego Hydrographic Subunit.	California Regional Water Quality Control Board, San Diego Region		Report date: 1990	Mission San Diego groundwater basin	√				Reviews 1989 Padre Dam MWD Basin Plan modification report; no new data presented
Thirtieth Annual Report. 1976.	San Diego County Water Authority				√				
Water Department. Water Quality Laboratory. July 6, 1989 to June 25, 1990.	City of San Diego				√				
Water Quality Data. EPA STORET Legacy Data Center Web Site. Sites: SDR11, SDR12, SDR14, SDR19, SDR2, SDR3, SDR8, SLR10	California Water Resources Control Board.	http://www.epa.gov/storpub/legacy/gateway.htm	April 21, 1939 to June 13, 1988		√				
Water Quality Data. National Water Information System November 27, 1967 to March 25, 1982.	U.S. Geological Survey	Web Site. http://waterdata.usgs.gov/nwis/	1967-1982		√				
Water Quality Monitoring at El Capitan, San Vicente and Murray Reservoirs		The City of San Diego Water Department	1989-on-going						Different than the monitoring of tributary streams
Water Repurification Feasibility Study at San Vicente Reservoir, Chapter 7 - San Vicente Hydrodynamics	Montgomery Watson	Jeff Pasek	1994	San Vicente Reservoir	√				
Water Repurification Project /Report vol, 3	Montgomery Watson	Jeff Pasek	1996						
Water Resources Plan. 1997a	San Diego County Water Authority				√				
Watershed Sanitary Survey Update, Volume 2		The City of San Diego Water Department	1996-2001	The San Diego River System and the area draining to El Capitan, San Vicente and Murray Reservoirs	√				
Watershed Sanitary Survey, Volume 2	EarthTech Environmental, Inc.	The City of San Diego Water Department	1991-1995	The El Capitan Watershed and the land draining to El Capitan Reservoir	√				
Watershed Sanitary Survey, Volume 3	EarthTech Environmental, Inc.	The City of San Diego Water Department	1991-1995	The San Vicente Watershed and the area of the land draining to San Vicente Reservoir	√				
Watershed Sanitary Survey, Volume 7	EarthTech Environmental, Inc.	The City of San Diego Water Department	1991-1995	The Murray Watershed and the area of the land draining to Murray Reservoir	√				
West Hills High School Bioassessment Data		Rhian Purdy, School Teacher			√	√			
2001 MSCP Rare Plant Survey and Monitoring Report	McMillan Biological Consulting and Conservation Biology Institute		Report Date: February 2002	MSCP plan area		√			Primary source for sensitive plant species in MSCP area; Includes literature review of sensitive plant species identified in MSCP and results of current surveys in plan area
Alvarado Canyon Mitigation (SEP00-004)	City of San Diego	Rebecca Stewart (RWQCB)	ongoing	Alvarado Canyon		√		√	Removal of existing exotic vegetation located between I-8 box culvert and the City's Park Reserve in upper Alvarado Canyon.



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Bats of San Diego County	USGS		Report Date: 2002	County of San Diego MSCP area		√			Evaluates species presence and distribution at select study sites within MSCP area
Biological Assessment of the Proposed Boulder Valley Pumped Storage Project	Pacific Southwest Biological Services, Inc.		Report Date: May 1993	North of San Vicente Reservoir		√			Includes general flora and fauna surveys, focused butterfly surveys and literature review
Biological Constraints Analysis for the Alvarado Trunk Sewer	Merkel & Associates, Inc.		Report Date: March 2002	Alvarado Creek: USGS Township 16 South, Range 2 West of the La Mesa Quadrangle		√			Includes one survey for sensitive biological resources on the site
Biological Resources Technical Report-Lindo Lake Park Restoration Project (County of San Diego)	Prepared for the County of San Diego Department of Public Works Environmental Services Unit by HDR Engineering Inc.	(858) 712-8400	Report Dated: December 2001	Lindo Lake Park	√	√	√		Poor water quality/sedimentation/degradation of upland
City of San Diego MSCP Subarea Plan	City of San Diego	Randy Rodriguez		206,124 acres within MSCP Plan area		√			Includes sensitive species and habitat specific to East Elliott and Mission Trails Regional Park
CNDDDB List for San Diego River Watershed, CNDDDB Field Descriptions, CNDDDB Model Abstract	California Department of Fish and Game	http://www.dfg.ca.gov/whdab/html/cnddb.html	Updated 2003	California		√			Includes sensitive flora and fauna
County of San Diego MSCP Subarea Plan	County of San Diego		Report Date: March 1998	Upper River Basin		√			
County's MSCP Habitat Management Plans for San Vicente, Santa Ysabel and Barnett Ranch	County of San Diego County Parks	Mark Webb				√		√	Habitat management plan for Lake Jennings also being prepared
Famosa Slough Enhancement Plan	Pacific Southwest Biological Services, KTU+A, Philip Williams & Assoc., and Lintvedt McColl Assoc.	Keith Merkel	Report Date: 1993	Famosa Slough		√			Primary goals of plan were to restore and maintain the ecosystem, educate the public and to provide for storm water pollution abatement; Summarizes baseline biological data needed to create the plan
Final Designation of Critical Habitat for the Arroyo Toad; Final Rule	USFWS	Contact: John Stephenson - Carlsbad Office	Federal Register: February, 2001	Upper San Diego River and San Vicente Creek		√			Critical habitat designation for other species can be found at http://carlsbad.fws.gov/Rules/New_Rules.htm ; Maps of specific designated critical habitat areas within San Diego River
Habitat Assessment and Surveys for the Arroyo Toad within the MSCP Area	USGS		Work In Progress:2002-2003	County of San Diego MSCP area, nine surveys conducted in San Diego River		√			Evaluates presence/absence and habitat suitability for arroyo toads
Lakeside Archipelago Reserve Function: Dispersal Study of the California Gnatcatcher in the Vicinity of Interstate-8	Campbell Bioconsulting and Varanus Biological Services		Work in Progress:2002-2003	USGS 7.5' El Cajon map, El Cajon Rancho; Township 15 South, Range 1 East		√			Evaluates distribution of Gnatcatchers and use of habitat as a functional corridor within study area
Lindo Lake Park Restoration Project-In-Lake Characterization Study and Conceptual Restoration Plan (County of San Diego)	Prepared for the County of San Diego Department of Public Works Environmental Services Unit by HDR Engineering Inc.	(858) 712-8400	Report Dated: February, 2002	Lindo Lake Park	√	√			Poor water quality/sedimentation/degradation of upland



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Lower San Diego River Natural Resource Management Plan	Merkel & Associates, Inc.	Melissa Booker	To be completed: 2003	San Diego River from Interstate-5 to Mission Trails Regional Park excluding State Route 163 to Qualcomm Way and Riverwalk Golf Course		√			surveys were designed to determine sensitive species distributions and abundance as well as current or potential biological resource threats and management issues; Includes riparian bird point counts, Least Bell's Vireo surveys, fish and turtle seining and trapping, marsh bird surveys, and wildlife track surveys conducted in 2002
MSCP Plan	City of San Diego	Randy Rodriguez	Report Date:	900 sq. miles in southwestern San Diego County		√			Primary source of information for sensitive species lists in watershed area; Includes lists of sensitive species and habitat covered by the plan
Report of the Biological Resources for the Monte Vista Ranch Site	Merkel & Associates, Inc.	Craig Reiser	Report Date: November 1999	4422-acre site located north of Barona Valley, east of Kimball Valley, west of Klondike Creek, and south of San Vicente Valley		√			The purpose of the survey was to identify the vegetation communities and sensitive biological resources present on the site, and the biological constraints associated with potential future development of Ranch lands; General biological and vegetation community surveys conducted in 1999
Restoration of Chaparral Canyon Area below Lake Murray Dam (SEP00-001)	City of San Diego	Rebecca Stewart (RWQCB)				√		√	Restore Chaparral Canyon below Lake Murray Dam by the removal of invasive non-native vegetation and including some re-vegetation with native plants.
Revised Final San Diego River Habitat Conservation Plan	San Diego Association of Governments		Report Date: 1990	El Capitan Reservoir to the mouth		√			Identifies riparian habitat to be protected for the recovery of the Least Bell's Vireo
San Diego Audubon Society, Log of Butterflies & Birds	Phil Pryde					√			
San Diego County Bird Atlas	San Diego Natural History Museum	Phil Unitt/ http://www.sdnhm.org/research/birdatlas/	Six year project began in February 1997, field observations completed in February 2002	San Diego County		√			General Information only; Final Report will include distribution maps and interpretive text
San Vicente Biological Resources Report	Merkel & Associates, Inc.	Melissa Booker	Report Date: December 2002	San Vicente Open Space Preserve		√			Surveys were conducted in support of preparation of the Area Specific Management Plan (ASMD); Includes vegetation mapping, herpetology arrays, ant trapping, small mammal trapping and track plates and avian point counts conducted in 2002
San Vicente Wastewater Treatment Plant Biological Report	Merkel & Associates, Inc.	Kyle Ince	Report Date: August 1999	San Vicente Wastewater Treatment Plant project site		√			The purpose of this investigation was to identify biological constraints associated with the development of the site; Includes focused Coastal California Gnatcatcher presence/absence surveys, a wetland delineation, and a general assessment of the floral and faunal resources present on-site; sensitive species Coastal California Gnatcatcher, Orange-throated Whiptail, Coopers Hawk and So. Cal. Rufous-Crowned Sparrow
Sensitive Plant Monitoring Final Report	County of San Diego		Report Date: April 2002	County of San Diego MSCP area		√			Sensitive plant species distribution based on surveys conducted in 2001
Wetland Delineation Technical Report-Lindo Lake Park Restoration Project (County of San Diego)	Prepared for the County of San Diego Department of Public Works Environmental Services Unit by HDR Engineering Inc.	(858) 712-8400	Report Dated: December 2001	Lindo Lake Park	√	√			Poor water quality/sedimentation/degradation of upland
County of San Diego Clean Water Website		www.projectcleanwater.org		San Diego Watershed	√	√		√	General description of watershed.
County of San Diego rain and stream gauge records - County Alert System	County of San Diego				√		√		



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Flood Insurance Study: San Diego County and Incorporated Areas	FEMA	FEMA Service Center, Jessup, Maryland	Published: July 2002	San Diego River			√		Comprehensive documentation of flood conditions on regional scale. Short on details for specific watershed, especially San Diego River. Limited additional information as listed. No information on flood protection infrastructure along SDR; Summary and update of hydrologic studies by San Diego County Department of Public Works, USACE and California Department of Water Resources. Contains (1) 10-, 50-, 100-, and 500-year flood peak discharges at confluence with Murphy Canyon Creek, and 10- and 100-year peak discharges below confluence with San Vicente Creek, (2) 10-, 50-, 100-, and 500-year flood profiles from mouth to approximately 69,200 ft above Pacific Ocean, (3) stream bed profile to 69,200 ft above Pacific Ocean, (4) years of extreme flood events, (5) predicted 100-year flood break out areas, and (6) Flood Insurance Rate Map
Hydrography data set for El Capitan, San Vicente, and Murray Reservoirs.		The City of San Diego Water Department	1935-present	El Capitan, San Vicente and Murrar Reservoirs			√		Daily readings, include runoff (stream flow), rainfall and evaporation.
National Weather Service and United State Geological Survey (USGS) rain and stream gauge records		http://ca.water.usgs.gov/archive/waterdata http://waterdata.usgs.gov/ca/nwis/rt			√		√		Daily mean flow San Diego River at Mast Road near Santee, and in Fashion Valley, and Los Coches Creek near Lakeside. Real time data also available at all three stations.
Rating Table: San Diego River at Fashion Valley	California Department of Water Resources Division of Flood Management	California Data Exchange Center www.cdec.water.ca.gov	Published: April 2003	San Diego River at Fashion Valley, San Diego			√		Provides river water stages for given flow discharges. Tool for estimating flood potential for given flow measurement on a continual/project basis. Applicable to reach represented by the station only; Flow stage-discharge rating curve based on long-term flow measurements
San Diego River (Mission Valley) Design Memorandum No.1	USACE	USACE LAD	Published: July 1975	San Diego River at Mission Valley			√		Basis for FEMA FIS; 10-, 50-, 100-, and 500-year floods on downstream portions through City of San Diego
Topographic Maps	USACE	USACE LAD	Published: 1979	San Diego River			√	√	Basis for FEMA FIS; Topographic maps at scale 1:1,200 and contour interval of 2 feet. May use as basis for obtaining approximate stream cross-sections along San Diego River
Upper San Diego River Flood Control Investigation	California Department of Water Resources	Division of Flood Management	Published: February 1976	Upstream reaches of San Diego River			√		Basis for FEMA FIS; 10- and 100-year floods on upstream reaches
Upper San Diego River Flood Control Plan and Profile	County of San Diego		adopted December 8, 1992, amended March 29, 2000	Upper reaches of San Diego River					The Flood Control Plan establishes the future alignment of the San Diego River and the structures required for flood control in the Project Area.
Water Resources of California	USGS	www.usgs.gov	Data Coverage: 1912-2001	San Diego River (1) below El Capitan Dam (2) at Fashion Valley, San Diego (3) near Santee (4) at Old Mission Dam (5) at Mast Rd near Santee (6) at Div Dam near Lakeside	√		√	√	Flow data sufficient for frequency analysis of discharges. Water quality data relatively weak but development of approximate rating curves possible for more frequently sampled constituents (supplemented by data from neighboring streams if necessary); One sample of bacteria at Mast Rd near Santee. 16 samples of nutrients, inorganics and physical properties at Old Mission Dam. 45 samples of sediment and physical properties near Santee. Two samples of nutrients, organics, inorganics and physical properties below El Capitan Dam; Peak flow and continuous daily flow records at Mast Rd near Santee (peak: 1915-2001; daily: 1912-2001), at Santee (peak: 1915-1981; daily: 1912-1982), and at Fashion Valley, San Diego (peak: 1913-2001; daily: 1982-2001); Basin acreages above gauging stations
Caltrans: Mission Trails Park	Pam Beare (619) 688-6013 and Robert A. James (619) 688-3673	Dept. of Trans	1/1/89-	San Diego County				√	Mitigation for impacts of transportation projects



Legend
Water Quality
Habitat/Biology
Hydrology (Rain/Flow Data)
Land Use/Planning

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Citizens Task Force on Chargers Issues - Final Report	Citizen's Task Force	David Watson and Nikki Clay	3/6/03	San Diego Qualcomm stadium				√	To determine whether the San Diego Chargers and the NFL are important assets to the life and economy of San Diego. Report provides information gathering, public testimony, analysis, deliberation and decision-making regarding the San Diego Qualcomm stadium. Report recommends 16-acre river park.
City of El Cajon General Plan 2000			Adopted on January 8, 1991, Amended February 1998.					√	The City's first General Plan was adopted on May 18, 1970; Conservation Element - brief one-page element with mention of native habitat, watershed and flooding; Land Use Element - Community facilities portion - water quality standards and conservation are addressed; Open Space and Parks Element - the plan identifies 900 acres of open space; Safety Element - flooding - most of El Cajon's tributary system drains northward to the San Diego River. Most channels are lined and only a small portion of the city would be subject to 100-year storm flooding.
City of La Mesa General Plan	City of La Mesa		Originally adopted by the La Mesa City Council in 1965. Comprehensive General Plan Update adopted on March 12, 1996. Amended September 1999.	La Mesa	√	√		√	Land Use and Urban Design Element - Physical Characteristics - describes the City's drainage basins and relations to the San Diego River; Conservation and Open Space Element - Water resources are discussed. Particular water conservation policies and objectives are listed; Safety Element - Flood Control - Alvarado Creek is discussed; Public Services and Facilities Element - Storm drainage for Alvarado Creek is discussed; Addresses water resources, conservation policies and objectives; Addresses biological and sensitive species resources, conservation policies and objectives; Land use policies, goals, inventory, designations and urban design and detailed housing information. Circulation, noise & safety included
City of Santee General Plan	City of Santee Department of Development Services	Douglas Williford	2003 (yet to be adopted); Draft City of Santee General Plan 2020, March 10, 2003. The City's first General Plan was adopted in August 15, 1984 and last amended on March 8, 2000.	Santee	√	√	√	√	Very informative general plan with good maps; Addresses water quality, supply and recycling; Breakdown of different areas and the biological resources that accompany them; Discusses existing conditions for the watershed and drainage; Very thorough land use section with housing costs, income, land use descriptions and objectives. Circulation, recreation and trails are all discussed; Land Use Element - lengthy discussion of the Santee River Park Plan along the San Diego River; Conservation Element - Water resources, discussion of watersheds and hydrology of Santee, Community Enhancement Element - includes Santee Lakes, Forester Creek and San Diego River; Safety Element - looks at flooding hazards to development in the floodplain of the San Diego River and potential hazards associated with dam failure at neighboring reservoirs; Trails Element - discusses bicycle and pedestrian trails along the San Diego River; Recreation Element - Santee River Park is highlighted as well as other parks.
Cleveland National Forest Management Plan Update	USFS, Bernice Bigelow							√	
Communities Alive in Nature, Watersheds Stewards Training	Merle Okino O'Neill					√		√	Developed pilot of watershed stewards training.
Compact Disc - from SDSU GIS	SDSU - Dept. of Geography			San Diego County				√	Watershed maps, etc.
County, Department of Environmental Health, DEH Vector Control Plans	County of San Diego							√	Not specific for watersheds.
CREEK - Creek Restoration and Ecology Education for Kids (8-124-259-0)	Robert LaRosa (619) 224-2003 and Gloria Carrillo (619) 224-2003	Nature School http://endeavor.des.ucdavis.edu/nrpi/NRPIDescription.asp?ProjectPK=5184	4/15/99-4/30/01	San Diego County		√		√	Educate stakeholders in valuing ecosystems



Legend
Water Quality
Habitat/Biology
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Draft Master EIR for the City of Santee General Plan Update	Project Design Consultants		2003	Santee	√	√	√	√	Poor maps but very informative; Discusses existing water pollutants in surface and groundwater as well as mitigation measures; discusses MSCP, inventory of biological resources, vegetation, sensitive species, wildlife corridors and mitigation measures; Discusses hydrologic and watershed characteristics, flood hazards and drainage facilities, impacts and mitigation measures; Existing land use and development patterns, impacts and compatibility
Draft Regional Transportation Plan	SANDAG		1993	San Diego County				√	Useful transit information: bus stops, planned roads, cost and air quality standards; Recommendations for transit improvements in all major travel corridors.
Final Environmental Impact Report: General Plan Update for the City of Poway	Cotton/Beland Associates, Inc.		1991	City of Poway	√	√	√	√	Brief description on environmental & human effects on water quality; Description of sensitive species and habitats as well as mitigation measures; Briefly discusses drainage systems, groundwater and flood waters; Existing and planned land use as well as projected daily sewer, gas and water use
First San Diego River Improvement Project (FSDRIP), City of San Diego	City of San Diego				√	√	√	√	
Focused Biological Investigations and Biological Assessment Update for San Diego County Water Authority	Pacific Southwest Biological Services, Inc.		July 1991	Guejito, Lake Wohlford, Moosa Canyon, Mount Israel, North Escondido, Pamo Valley, San Vicente, Twin Oaks Reservoirs		√			Detailed maps and good descriptions on their findings as well as background information on the species; Field surveys of vegetation, reptiles, mammals, birds and sensitive species for each site
General Plan Poway	City of Poway		Adopted by Poway City Council in October 1983, Amended May 14, 1996.	Poway	√	√	√	√	Briefly describes water depletion, recharge and conservation; Good information on biological resources, open space and regulation; Describes the tributaries that flow into Poway and floodplains; Household characteristics, general land use, housing strategies and proposed land use; Many goals and policies address flooding, watercourses and watersheds, however, these do not specifically mention the San Diego River Watershed.
GP2020 Update and Revised Community Plans	DPLU							√	
Joint Water Agency NCCP/HCP managed lands								√	
Lakeside Design Guidelines	San Diego County Dept of Planning and Land Use		1989	Lakeside			√	√	Discusses development in a flood zone and means of flood control; Discusses specific hillside development
Linda Vista Community Plan	City of San Diego Planning Commission			Linda Vista		√		√	Fairly detailed for a small community plan; Goals and proposals to preserve open space; Discusses current land use, zoning, transportation, ADTs, regulations and proposals
Master Plan for Barona	Barona Band of Mission Indians							√	
Master Plan for the San Diego River Park, Expected completion, 2006	City of San Diego				√	√	√	√	
Mission Trails Master Plan Development Plan	MTRP							√	
Mission Trails Regional Park	Sue Pelly, MTRP							√	
Mission Valley Community Plan	City of San Diego							√	
Mission Valley Community Plan	City of San Diego Planning Department		1985	Mission Valley	√	√	√	√	Good map data; Brief description on water quality and conservation; Open space linkage systems and design guidelines for park use; San Diego River description with vegetation and flood protection, design guidelines and maintenance criteria; Descriptions on current land uses and transportation system. Guidelines for future planning



Legend	
Water Quality	
Habitat/Biology	
Hydrology (Rain/Flow Data)	
Land Use/Planning	

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MSCP (County and City of San Diego Subarea Plans)	DPLU							√	
Multiple Species Conservation Program (MSCP)	Ogden Environmental		1993	San Diego County		√	√	√	Biological analysis and conservation analysis. Good descriptions of species in the program; Discusses assessing hydrological conditions; Discusses land use, distribution of existing and planned land use and urbanization
Natural Resources Restoration Master Plan for the San Diego River in the City of San Diego (SEP00-008), Ongoing	City of San Diego, Regional Board Contact Rebecca Stewart	Rebecca Stewart (RWQCB)	Ongoing	San Diego River - City of San Diego	√	√	√	√	To develop a Master Natural Resources Restoration Plan for most of the San Diego River within the City of San Diego.
Ocean Beach Precise Plan	City of San Diego							√	
Overlay of cultural resource sites is being prepared for the watershed	Lynne Christenson, Ph.D.,							√	
Past, Current, and Proposed Land Uses from SANDAG	SANDAG							√	
Planning Guide for Processing Cases in Riverway Specific Plan (USD RIP) SPA 00-002 Environmental Log No. 98-10-014	County of San Diego		October, 2000	San Diego County, Lakeside				√	
Population data (1990, 2000 and forecast) from US Census Bureau and SANDAG	SANDAG							√	
Progress Guide & General Plan: City of San Diego	City of San Diego Planning Commission		1989	City of San Diego	√	√		√	Addresses water pollution and gives guidelines and standards for water use and management; In depth findings on environmental impact and resources; Analysis on housing growth, development and land use. Guidelines and standards for future urban planning. Conservation and recreation studies also included
Regional Workbench Consortium - 3D Visualization, GIS and Solid Terrain Modeling	UCSD, Keith Pezzoli							√	
Restoration of Adobe Falls Open Space Park (SEP00-103)	City of San Diego	Rebecca Stewart (RWQCB)	Ongoing	Adobe Falls				√	Removal of invasive, non-native vegetation, limited re-vegetation with native plants, and restoring the creek to its natural condition.
San Diego County General Plan: Alpine	County of San Diego		Adopted December 31, 1979, amended April 17, 2002	Alpine	√	√		√	Limited in descriptions; Land use characteristics and policies, regulations and recommendations for future urban planning as well as community design and circulation; Finding on water delivery and policies and recommendations; Policies and recommendations for open space preserves
San Diego County General Plan: Crest/Dehesa/Harbison Canyon/Granite Hills Subregional Plan	County of San Diego		Adopted August 13, 1980, amended December 20, 1989	Crest/Dehesa/Harbison Canyon/Granite Hills Subregional Plan	√	√	√	√	Limited in descriptions; Finding on water delivery and policies and recommendations; Goals, findings, policies and regulations. Brief descriptions on vegetation and animals in the area; Policies and recommendations; Residential & commercial goals, policies and recommendations
San Diego County General Plan: Part 1 - Open Space Element	County of San Diego		1995	San Diego County		√	√	√	Limited in descriptions; Open Space goals, policies and needs; Describes the different water bodies in San Diego county; Describes county wide recreation areas. Agricultural preserves and easements
San Diego County General Plan: Part 19 - Central Mountain Subregional Plan	County of San Diego		Adopted January 3, 1979, amended April 17, 2002	Cuyamaca, Descanso, Pine Valley		√	√	√	Findings on liquid and solid waste, policies on disposal and impacts to groundwater; Finding and goals for wildlife management and open space; Detailed land use figures for ownership and land use types. Policies and regulations
San Diego County General Plan: Part 9 - Lakeside Community Plan	County of San Diego		Adopted December 19, 1975, amended August 9, 2000	Lakeside		√	√	√	



Legend
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Hydrology (Rain/Flow Data)
Land Use/Planning

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San Diego County General Plan, Part 14 - Ramona Community Plan	County of San Diego		Adopted October 5, 1978, amended January 11, 1995	Ramona		√	√	√	
San Diego County General Plan, Part 10 - Julian Community Plan	County of San Diego		Adopted December 16, 1976, amended December 16, 1987	Julian		√	√	√	
San Diego County General Plan: Part 2 - Regional Land Use Element	County of San Diego		1990	San Diego County				√	Land use designations and use regulations, community and subregional plans and regionwide action programs
San Diego County General Plan: Part 5 - Conservation Element	County of San Diego		1993	San Diego County	√	√		√	Findings on water supply and wastewater, policies and action programs; Natural habitat findings, percentage totals and policies; Findings on drainage and flood control, policies and action programs
San Diego County Water Authority Emergency Water Storage Project Biological Resource Assessment	Pacific Southwest Biological Services, Inc./ KTU+A		1993	Guejito, Lake Wohlford, Moosa Canyon, Pamo Valley, San Vicente		√			Definitions of sensitive species in the areas; Tables of animals and flora observed at each reservoir site.
San Diego Forest Legacy Area Program - Habitat Conservation Planning Public Info Component	The San Diego Association of Governments	Garry Bonelli (619) 595-5360 and Jim Geiger (916) 653-8286 http://endeavor.des.ucdavis.edu/nrpi/NRPIDescription.asp?ProjectPK=4651	6/15/96-12/31/96	County of San Diego				√	This project was to facilitate education and outreach for residents, land owners, elected officials and reps of business, environmental, civic and community leadership/public agency staffs about the Forest Legacy Area program and the region's habitat conservation programs.
San Diego Region Average Weekday Traffic Volumes	SANDAG		1988-1992	San Diego County				√	Gives average weekly volumes by street name on major streets
San Diego River Park Conceptual Plan	San Diego River Park Foundation	www.sandiegoriver.org	Ongoing	San Diego River				√	The plan will outline the existing resources of the project area, opportunities and constraints of creating a park, and the steps necessary to bring the park to a reality. The strategy is to link together existing parks and wildlife preserves and to develop a strong community involvement in the planning and implementation process.
San Diego River Park Foundation	Rob Hutsel	www.sandiegoriver.org		San Diego River	√	√	√	√	A non-profit organization dedicated to enhancing the San Diego River and working toward the establishment of a river-long park, from the headwaters in the mountains near Julian, California, to the Pacific Ocean in the community of Ocean Beach in the City of San Diego.
San Diego River Watershed Urban Runoff Management Plan	City of San Diego		Final Report, January 2003		√	√	√	√	
San Diego River Wetlands Management Plan, Current Project	City of San Diego, Robin Stribley					√		√	
SANDAG data (1995 land use, 1995 land ownership, 1999 land use, 2020 land use, county community planning areas, 2000 census tracts, 1990 census tracts, 1990 master geographic reference areas, MSCP MHPA's, 1995 vegetation, regional sensitive species, 20' and 40' contour data, 1997 and 2000 MrSID imagery)	SANDAG							√	
SanGIS License (municipal boundaries, road network, rivers, parcels, city community planning areas)	SANDAG							√	
Santee Town Center Specific Plan	City of Santee		1986	Santee		√		√	Biological resources and open space plan; Existing land use and land use plan, circulation plan and property ownership
SDCWA ESP (EIR data and current/planned construction information)	San Diego County Water Authority							√	
SDCWA Sub-Regional NCCP/HCP managed lands (draft)	San Diego County Water Authority							√	



Legend
Water Quality
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Hydrology (Rain/Flow Data)
Land Use/Planning

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Stormdrain Sediment Trap at Famosa Slough (SEP00-002)	City of San Diego	Rebecca Stewart (RWQCB)	ongoing		√			√	Construction of a sediment and trash collection pond to minimize future sedimentation, removal of sediments that have been deposited at the stormdrain, removal of invasive trees encroaching on wetland area, and re-vegetation of the restored wetland.
Student to Student Environmental Education to Protect the Water (5-137-259-0)	Environmental Health Coalition	Laura Hunter (619) 235-0281 and Pamela Parker (916) 341-5474 http://endeavor.des.ucdavis.edu/nrpi/NRPIDescription.asp?ProjectPK=3141	Start Date: 6/1/95 End Date: 6/1/96 Survey Date: 3/28/97	San Diego				√	Project institutionalizes watershed-based education in the schools through peer-education.
Tierrasanta Community Plan	City of San Diego Planning Department		1991 (Amendment)	Tierrasanta		√		√	Focuses on the urban aspect of Tierrasanta; Mission Trails Regional Park; Discusses current land use, transportation, planned land use, urban design and social environment
Upper SD River Improvement project-5-year implementation plan (AB 1290 Implementation Plan)	County of San Diego		FY 99/00 through FY 03/04						A proposed redevelopment plan of approximately 529 acres located along both sides of the San Diego River and along Highway 67 in the Lakeside community. Includes the following governing documents: <i>The Redevelopment Plan</i> (adopted July 18, 1989), <i>The Riverway Specific Plan, SP 90-003</i> (adopted March 6, 1991, amended August 9, 2000), <i>Public Facilities Financing Plan</i> (adopted as part of the Riverway Specific Plan), <i>Habitat Management Plan</i> (adopted as part of the Riverway Specific Plan), <i>The USDRIP (Flood Control) Plan and Profile</i> (Adopted December 8, 1992 and amended March 29,2000).
Upper SD River Improvement Project-Final Programmatic Environmental Impact Report	Prepared for the County of San Diego Department of Planning and Land Use by P&D Environmental Services		Report Dated: July 2000 Revised: July 26, 2000	San Diego County		√		√	Final programmatic environmental impact report
GIS layer: 1990census	SANDAG	KTU+A	1990	Regional				√	1990 Census tracts
GIS layer: 1997 MrSID	SANDAG	KTU+A	1997	Regional				√	Color Infrared Imagery - 3 foot highest resolution
GIS layer: 20 Ft Contours	USGS	KTU+A	varies	Regional				√	20 foot contours based on USGS topographic quads
GIS layer: 2000 MrSID	SANDAG	KTU+A	2000	Western San Diego County				√	Color Infrared Imagery - 2 foot highest resolution
GIS layer: 2000census	SANDAG	KTU+A	2000	Regional				√	2000 Census tracts
GIS layer: 40 Ft Contours	SANDAG	KTU+A	2000	Regional				√	40 foot contours
GIS layer: adte	SANDAG	KTU+A		East County				√	Average Daily Traffic for East County (major roads)
GIS layer: adtn	SANDAG	KTU+A		North County				√	Average Daily Traffic for North County (major roads)
GIS layer: adts	SANDAG	KTU+A		South County				√	Average Daily Traffic for North County (major roads)
GIS layer: aqueduct	OGDEN / SDCWA	KTU+A	1997	Regional			√	√	San Diego County Aqueduct
GIS layer: arch	OGDEN / SDCWA	KTU+A	1998	San Vicente / Lake Hodges				√	Archeological Sites
GIS layer: arch_sites	KEA Environmental/ SDCWA	KTU+A	1997	San Vicente				√	Archeological Sites around San Vicente
GIS layer: basins	SANDAG	KTU+A	1994	Regional			√	√	Watershed basins
GIS layer: city95 (City Boundaries)	SANDAG	KTU+A	1995	Regional				√	1995 City Boundaries
GIS layer: clip_wshed	KTU+A	KTU+A	2003	Within watershed boundary				√	Watershed boundary unioned with intersected parcels to create a boundary base file
GIS layer: con100	USGS	KTU+A		Regional				√	100 foot contours
GIS layer: cpa (Community Planning Areas)	SANDAG	KTU+A		Regional				√	Community Planning Areas



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GIS layer: data_clip	KTU+A	KTU+A	2003	Within watershed boundary				√	Clip boundary for all the data sets
GIS layer: drain_pipe	SanGIS	KTU+A	1990	San Diego city wide				√	Drain pipe data (most current set)
GIS layer: drain_struc	SanGIS	KTU+A	1990	San Diego city wide				√	Drain structures data (most current set)
GIS layer: ex_lu99	SANDAG	KTU+A	1999	Regional				√	1999 Existing Land Use
GIS layer: fema	SANDAG	KTU+A		Regional				√	FEMA flood data
GIS layer: hist	OGDEN / SDCWA	KTU+A	1998	San Vicente				√	Historical Sites
GIS layer: hydro	SANDAG	KTU+A	1995	Regional			√	√	streams and rivers
GIS layer: lakes	SANDAG	KTU+A	1992	Regional				√	Lakes of San Diego County
GIS layer: lu2002 (Existing 2002 Land Use)	SANDAG	KTU+A	2002	Regional				√	Current in-house SanGIS existing land use
GIS layer: lu95 (1995) Existing Land Use	SANDAG	KTU+A	1995	Regional				√	1995 Existing Land Use
GIS layer: mgrf10pre	SANDAG	KTU+A	2000	Regional				√	Future demographics included; Master Geographic Reference Areas (census information)
GIS layer: mhpa97 (Multiple Habitat Planning Areas)	SANDAG	KTU+A	1997	Regional		√		√	Multiple Habitat Planning Areas (% of areas to be preserved)
GIS layer: mscp_bcla	SANDAG	KTU+A	1996	Regional				√	Multiple Species Conservation Program - Biological Core Linkage Areas
GIS layer: own_00 (2000 Ownership)	SANDAG	KTU+A	2000	Regional				√	Public Land Ownership
GIS layer: parcels	SanGIS	KTU+A	2003	Regional				√	Parcel data
GIS layer: pipe250	OGDEN / SDCWA	KTU+A	1997	San Vicente / Lake Hodges			√	√	Proposed Pipelines for San Vicente & Lake Hodges
GIS layer: plan_fwy	SANDAG	KTU+A	1997	Regional				√	Planned Freeways
GIS layer: plan_major_rds	SANDAG	KTU+A	1997	Regional				√	Planned Major Roads
GIS layer: planlu (2020 Planned Land Use)	SANDAG	KTU+A	1995	Regional				√	Planned Land Use for 2020
GIS layer: planlu2030 (2030 Planned Land Use)	SANDAG	KTU+A	2002	Regional				√	Planned Land Use for 2030
GIS layer: preserve	OGDEN / JWA	KTU+A		JWA HCP Study Areas (Chula Vista, Lakeside, Santee, La Mesa, El Cajon)		√		√	Preserve Areas
GIS layer: projects	OGDEN / JWA	KTU+A		JWA HCP Study Areas (Chula Vista, Lakeside, Santee, La Mesa, El Cajon)				√	Proposed Projects
GIS layer: pump	OGDEN / SDCWA	KTU+A	1997	North county to San Vicente			√	√	Proposed Pump Stations
GIS layer: regss	SANDAG	KTU+A	1995	Regional		√		√	Regional species point data
GIS layer: rivers	SanGIS	KTU+A	2003	Regional			√	√	Major Rivers
GIS layer: roads	SanGIS	KTU+A	2002	Regional				√	All roads for San Diego County
GIS layer: soils	SANDAG	KTU+A	1970s	Regional		√		√	Soils
GIS layer: sspnts	OGDEN / JWA	KTU+A		JWA HCP Study Areas (Chula Vista, Lakeside, Santee, La Mesa, El Cajon)		√		√	Sensitive Species point data
GIS layer: veg	OGDEN / JWA	KTU+A		JWA HCP Study Areas (Chula Vista, Lakeside, Santee, La Mesa, El Cajon)		√		√	Vegetation
GIS layer: veg95 (1995 Regional Vegetation)	SANDAG	KTU+A	1995	Regional		√		√	Data to reflect vegetation conditions in 1995. Current regional data set available



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GIS layer: waterdist94	OGDEN / JWA	KTU+A	1994	Regional				√	Water Districts / Habitat Planning boundaries for JWA
GIS layer: watershed_bnd	KTU+A	KTU+A	2003	Within watershed boundary			√	√	San Diego Watershed Boundary
GIS layer: wildcorr	OGDEN / JWA	KTU+A		JWA HCP Study Areas (Chula Vista, Lakeside, Santee, La Mesa, El Cajon)		√		√	Wildlife Corridors

Funding for this project has been provided in full or in part through a contract with the State Water Resources Control Board (SWRCB) pursuant to the Costa-Machado Water Act of 2000 (Proposition 13) and any amendments thereto for the implementation of California's Nonpoint Source Pollution Control Program. The contents of this document do not necessarily reflect the views and policies of the SWRCB, nor does mention of trade names or commercial products constitute endorsement or recommendation for use.