CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION

# MONTHLY MANAGEMENT

# FEBRUARY 2004

March 10, 2004

APPENDED TO EXECUTIVE OFFICER REPORT

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Significant NPDES Permits, WDRs, and RB Actions—March 10, 2004

# SIGNIFICANT NPDES
# PERMITS, WDRS, AND RB ACTIONS

| DATE OF REPORT MARCH 10, 2004 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **NAME OF PERMIT/WDR/RB ACTION** | **ACTION TYPE** | **APPLICATION COMPLETE** | **DISCH./RWQ LIMITS KNOWN** | **Monitoring Req'tments and Plan** | **COMPL DRAFT** | **PUBLIC REV. & COMMENT** | **BOARD HEARING & ADOPTION** | **Consent Calendar Item** | **COMMENTS** | **Staff** |
| **APRIL 14, 2004 RB MEETING** | | | | | | | | | | |
| **AT RB OFFICE SAN DIEGO** | | | | | | | | | | |
| 2004 TRIENNIAL REVIEW OF BASIN PLAN | Hearing: Resolution | NA | NA | NA | 50% | 25% | April 14, 2004 | No | Conduct public hearing | Ebsen |
| NATIONAL STEEL AND SHIPBUILDING CO. SAN DIEGO BAY SEDIMENT CLEANUP | Hearing: CAO | NA | 50% | 50% | 0% | 0% | April 14, 2004 | No | Conduct hearing | Carlisle |
| SOUTHWEST MARINE SAN DIEGO BAY SEDIMENT CLEANUP | Hearing: CAO | NA | 50% | 50% | 0% | 0% | April 14, 2004 | No | Concuct hearing | Carlisle |
| VAN OMMERING DAIRY, LAKESIDE | New NPDES Permit | 100% | 100% | 95% | 95% | 0% | April 14, 2004 | No | NPDES Workplan for FY 2003-04 | Phillips |
| BUDGET TRADE AND GAS / JIMMY HSU ESCONDIDO | Hearing: ACL | NA | NA | NA | 0% | 0% | April 14, 2004 | No | | Pease |
| SCRIPPS INSTITUTION OF OCEANOGRAPHY CALIF. OCEAN PLAN EXCEPTION | Resolution to SWRCB | NA | NA | NA | 75% | 0% | April 14, 2004 | No | Apprpove discharge to State WQ Prot.Area | Phillips |
| US NAVY NAVAL BASE POINT LOMA SAN DIEGO BAY | Revision NPDES Permit | NA | NA | 100% | 80% | 0% | April 14, 2004 | Yes | | Richter |
| US NAVY NAVAL BASE CORONADO SAN DIEGO BAY | Revision NPDES Permit | NA | NA | 100% | 80% | 0% | April 14, 2004 | Yes | | Richter |
| VISTA IRRIGATION DISTRICT--DAON CORP. RECLAMATION PROJECT | WDRs Recission | NA | NA | NA | 0% | 0% | April 14, 2004 | Yes | | POTW Unit |
| ENCINA WASTEWATER AUTHORITY WATER RECYCLING PROJECT ON INTERSTATE 5 | WDRs Recission | NA | NA | NA | 0% | 0% | April 14, 2004 | Yes | | POTW Unit |
| CONDITIONAL WAIVER FOR MGMNT OF 2003 FIRE DEBRIS: EXTEND TERMINATION DATE | Resolution Amendment | NA | 100% | 100% | 50% | 0% | April 14, 2004 | Yes | | Odermatt |
| **MAY 12, 2004 RB MEETING** | | | | | | | | | | |
| **AT CITY OF LAGUNA BEACH** | | | | | | | | | | |
| 2004 TRIENNIAL REVIEW OF BASIN PLAN | Resolution | NA | NA | NA | 0% | 0% | May 12, 2004 | No | Consider adoption of resolution | Ebsen |
| RIVERSIDE SANTA MARGARITA RIVER MS4 STORMWATER PERMIT REISSUANCE | Consider Permit Adoption | 100% | 100% | 100% | 100% | 50% | May 12, 2004 | No | NPDES Workplan FY 2003-04 | Quigley |
| **JUNE 9, 2004 RB MEETING** | | | | | | | | | | |
| **AT RB OFFICE SAN DIEGO** | | | | | | | | | | |
| TOT. MAX. DAILY LOAD--SHELTER ISL. YACHT BASIN SAN DIEGO BAY--DISSOLVED COPPER | Basin Plan Amendment | NA | 100% | 80% | 0% | 0% | June 9, 2004 | No | Consider adoption of Basin Plan Amendmer | Dobalian |

# SIGNIFICANT NPDES
# PERMITS, WDRS, AND RB ACTIONS

| DATE OF REPORT MARCH 10, 2004 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **NAME OF PERMIT/WDR/RB ACTION** | **ACTION TYPE** | **APPLICATION COMPLETE** | **DISCH./RWQ LIMITS KNOWN** | **Monitoring Req'tments and Plan** | **COMPL DRAFT** | **PUBLIC REV. & COMMENT** | **BOARD HEARING & ADOPTION** | **Consent Calendar Item** | **COMMENTS** | **Staff** |
| NATIONAL STEEL AND SHIPBUILDING CO. SAN DIEGO BAY SEDIMENT CLEANUP | Adoption: CAO | NA | NA | NA | 0% | 0% | June 9, 2004 | No | | Carlisle |
| SOUTHWEST MARINE SAN DIEGO BAY SEDIMENT CLEANUP | Adoption: CAO | NA | NA | NA | 0% | 0% | June 9, 2004 | No | | Carlisle |
| SWEETWATER AUTHORITY LOWER SWEETWATER RIVER CHULA VISTA | NPDES Permit Renewal | 50% | 100% | 100% | 0% | 0% | June 9, 2004 | No | NPDES Workplan FY 2003-04 | Indus. Unit |
| US BORDER PATROL BORDER INFRASTUCTURE SYSTEM FENCE PROJECT | Resolution: 401 Certification | 100% | 50% | NA | 0% | 0% | June 9, 2004 | No | | Baczkowski |
| **AUGUST 11, 2004 RB MEETING** | | | | | | | | | | |
| **AT RB OFFICE SAN DIEGO** | | | | | | | | | | |
| DUKE ENERGY SOUTH BAY POWER PLANT SAN DIEGO BAY | NPDES Permit Renewal | 80% | 80% | 80% | 50% | 0% | August 11, 2004 | No | NPDES Workplan FY 2001-02 | Indus. Unit |
| **SEPTEMBER 9, 2004 RB MEETING** | | | | | | | | | | |
| **AT RB OFFICE SAN DIEGO** | | | | | | | | | | |
| SO. CALIF. EDISON CO. SAN ONOFRE NUCLEAR POWER STATION UNIT NOS. 1, 2, and 3 | NPDES Permit Renewal | 0% | 80% | 80% | 0% | 0% | September 9, 2004 | No | NPDES Workplan FY 2004-05 | Phillips |
| **NOVEMBER 10, 2004 RB MEETING** | | | | | | | | | | |
| **AT RB OFFICE** | | | | | | | | | | |
| SAN ELIJO JOINT POWERS AUTHORITY SAN ELIJO WPCF | NPDES Permit Renewal | 0% | 100% | 80% | 0% | 0% | November 10, 2004 | TBD | NPDES Workplan FY 2004-05 | Kelley |
| CITY OF ESCONDIDO HALE AVE. RESOURCE RECOVERY FACILITY | NPDES Permit Renewal | 0% | 100% | 80% | 0% | 0% | November 10, 2004 | TBD | NPDES Workplan FY 2004-05 | Kelley |
| UNIV. OF CALIFORNIA SCRIPPS INSTITUTION OF OCEANOGRAPHY | NPDES Permit Renewal | 0% | 100% | 80% | 0% | 0% | November 10, 2004 | TBD | NPDES Workplan FY 2004-05 | Phillips |
| **PENDING / UNSCHEDULED ACTIONS** | | | | | | | | | | |
| TOTAL MAX.DAILY LOAD--RAINBOW CREEK POLLUTANT--NUTRIENTS | Cont. Hearing Basin Plan Amd. | NA | 100% | 100% | 80% | 50% | | | | Carlisle |
| LAKE CUYAMACA RECREATION AND PARK DIST. REC. AREA NEAR JULIAN SAN DIEGO CO. | New WDRs | 90% | 90% | 90% | 90% | 0% | | | | Bryan Ott |
| COUNTY OF ORANGE-- PRIMA DESCHECHA LANDFILL | WDRs Revision | 100% | 100% | 30% | 0% | 0% | | | | Grove |

# SIGNIFICANT NPDES
# PERMITS, WDRS, AND RB ACTIONS

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|---|---|---|---|---|---|---|---|---|---|---|
| **NAME OF PERMIT/WDR/RB ACTION** | **ACTION TYPE** | **APPLICATION COMPLETE** | **DISCH./RWQ LIMITS KNOWN** | **Monitoring Req'tments and Plan** | **COMPL DRAFT** | **PUBLIC REV. & COMMENT** | **BOARD HEARING & ADOPTION** | **Consent Calendar Item** | **COMMENTS** | **Staff** |
| GEN. WDRS / POST CLOSURE MAINTENANCE | New WDRs | NA | 100% | 60% | 30% | 90% | | | | Grove |
| INACTIVE NON-HAZ. WASTE LANDFILLS | | | | | | | | | | |
| GEN. WDRS / POST CLOSURE MAINTENANCE | New WDRs | NA | 100% | 60% | 30% | 90% | | | | Grove |
| INACTIVE NON-HAZ. INSIGNIF. VOLUMES | | | | | | | | | | |
| DECOMPOSABLE WASTES LANDFILLS | | | | | | | | | | |
| IBWC INTERNATIONAL WASTEWATER | NPDES Permit | 100% | 100% | 100% | 0% | 0% | | | NPDES Workplan FY 2001-02 | Hanson |
| TREATMENT PLANT AND SO.BAY OUTFALL | Reissuance | | | | | | | | | |
| IBWC INTERNATIONAL WASTEWATER | Cease and Desist | NA | NA | NA | 0% | 0% | | | | Hanson |
| TREATMENT PLANT AND SO.BAY OUTFALL | Order Hearing | | | | | | | | | |
| PROMENADE INC. PERMANENT DEWATERING | ACL Order | NA | NA | NA | 100% | 0% | | | | Stewart |
| DISHARGE TO MISSION BAY | | | | | | | | | | |

## SANITARY SEWER OVERFLOW STATISTICS (Updated through February 29, 2004)

| | SYSTEM SIZE[B] | | NO. OF SEWAGE SPILLS [LISTED BY FISCAL YEAR (FY) - JULY 1 THROUGH JUNE 30] | | | | SPILLS PER 100 MILES (LISTED BY FY) | | | | SPILL VOLUME 2003-04[A] | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEWAGE COLLECTION AGENCY | Miles | MGD | 00-01 | 01-02 | 02-03 | 03-04[A] | 00-01 | 01-02 | 02-03 | 03-04[A] | GAL | GAL/MG[D] |
| **ORANGE COUNTY:** | | | | | | | | | | | | |
| EL TORO WD | 55 | 2.2 | 0 | 3 | 1 | 3 | 0.0 | 5.5 | 1.8 | 5.5 | 1,468 | 3 |
| EMERALD BAY SERVICE DISTRICT | 6 | 0.1 | 1 | 0 | 0 | 0 | 16.7 | 0.0 | 0.0 | 0.0 | 0 | 0 |
| IRVINE RANCH WD | 36 | 2.0 | 1 | 0 | 0 | 0 | 2.8 | 0.0 | 0.0 | 0.0 | 0 | 0 |
| LAGUNA BEACH, CITY OF | 95 | 2.4 | 24 | 12 | 28 | 5 | 25.3 | 12.6 | 29.5 | 5.3 | 113 | 0 |
| LOS ALISOS WD *(absorbed by Irvine Ranch WD, January 2001)* | | | | | | | | | | | | |
| MOULTON NIGUEL WD | 530 | 13.0 | 13 | 2 | 1 | 2 | 2.5 | 0.4 | 0.2 | 0.4 | 1,900 | 1 |
| SAN CLEMENTE, CITY OF | 179 | 4.5 | 9 | 6 | 7 | 3 | 5.0 | 3.3 | 3.9 | 1.7 | 17,526 | 16 |
| SAN JUAN CAPISTRANO, CITY OF | 100 | 3.4 | 1 | 0 | 0 | 0 | 1.0 | 0.0 | 0.0 | 0.0 | 0 | 0 |
| SANTA MARGARITA WD | 546 | 10.7 | 11 | 12 | 4 | 3 | 2.0 | 2.2 | 0.7 | 0.5 | 3,019 | 1 |
| SOUTH COAST CWD | 132 | 4.0 | 12 | 5 | 8 | 6 | 9.1 | 3.8 | 6.1 | 4.5 | 22,108 | 23 |
| TRABUCO CANYON WD | 43 | 0.7 | 0 | 0 | 0 | 1 | 0.0 | 0.0 | 0.0 | 2.3 | 5 | 0 |
| **RIVERSIDE COUNTY:** | | | | | | | | | | | | |
| EASTERN MWD | 446 | 10.0 | 6 | 1 | 3 | 3 | 1.3 | 0.2 | 0.7 | 0.7 | 8,730 | 4 |
| ELSINORE VALLEY MWD | 80 | 2.0 | 1 | 0 | 0 | 0 | 1.3 | 0.0 | 0.0 | 0.0 | 0 | 0 |
| MURRIETA MWD *(included with Eastern MWD)* | | | | | | | | | | | | |
| RANCHO CA WD | 71 | 2.9 | 0 | 2 | 0 | 0 | 0.0 | 2.8 | 0.0 | 0.0 | 0 | 0 |
| **SAN DIEGO COUNTY:** | | | | | | | | | | | | |
| BUENA SANITARY DISTRICT | 84 | 1.9 | 0 | 0 | 2 | 0 | 0.0 | 0.0 | 2.4 | 0.0 | 0 | 0 |
| CARLSBAD MWD | 214 | 7.2 | 12 | 15 | 6 | 3 | 5.6 | 7.0 | 2.8 | 1.4 | 180 | 0 |
| CHULA VISTA, CITY OF | 400 | 16.0 | 7 | 6 | 3 | 6 | 1.8 | 1.5 | 0.8 | 1.5 | 3,620 | 1 |
| CORONADO, CITY OF | 53 | 3.8 | 11 | 5 | 2 | 0 | 20.8 | 9.4 | 3.8 | 0.0 | 0 | 0 |
| DEL MAR, CITY OF | 30 | 1.1 | 2 | 2 | 7 | 0 | 6.7 | 6.7 | 23.4 | 0.0 | 0 | 0 |
| EL CAJON, CITY OF | 198 | 9.1 | 3 | 2 | 3 | 0 | 1.5 | 1.0 | 1.5 | 0.0 | 0 | 0 |
| ENCINITAS, CITY OF | 118 | 4.1 | 4 | 2 | 6 | 1 | 3.4 | 1.7 | 5.1 | 0.8 | 550 | 1 |
| ESCONDIDO, CITY OF | 350 | 10.8 | 10 | 14 | 3 | 1 | 2.9 | 4.0 | 0.9 | 0.3 | 120 | 0 |
| FAIRBANKS RANCH COMM SERV DIST | 15 | 0.2 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 |
| FALLBROOK PUBLIC UTILITY DIST[C] | 72 | 2.0 | 27 | 17 | 22 | 3 | 37.5 | 23.6 | 30.6 | 4.2 | 3,535 | 7 |
| IMPERIAL BEACH, CITY OF | 84 | 2.2 | 9 | 1 | 14 | 0 | 10.7 | 1.2 | 16.7 | 0.0 | 0 | 0 |
| LA MESA, CITY OF | 155 | 5.8 | 3 | 12 | 3 | 0 | 1.9 | 7.7 | 1.9 | 0.0 | 0 | 0 |
| LEMON GROVE, CITY OF | 69 | 2.4 | 3 | 9 | 4 | 2 | 4.3 | 13.0 | 5.8 | 2.9 | 715 | 1 |



ATTACHMENT B-1

## SANITARY SEWER OVERFLOW STATISTICS (Updated through February 29, 2004)

| | SYSTEM SIZE[B] | | NO. OF SEWAGE SPILLS [LISTED BY FISCAL YEAR (FY) - JULY 1 THROUGH JUNE 30] | | | | SPILLS PER 100 MILES (LISTED BY FY) | | | | SPILL VOLUME 2003-04[A] | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEWAGE COLLECTION AGENCY | Miles | MGD | 00-01 | 01-02 | 02-03 | 03-04[A] | 00-01 | 01-02 | 02-03 | 03-04[A] | GAL | GAL/MG[D] |
| **SAN DIEGO COUNTY *(continued)*:** | | | | | | | | | | | | |
| LEUCADIA CWD | 185 | 4.2 | 5 | 5 | 6 | 1 | 2.7 | 2.7 | 3.2 | 0.5 | 500 | 0 |
| NATIONAL CITY, CITY OF | 97 | 5.1 | 0 | 0 | 1 | 2 | 0.0 | 0.0 | 1.0 | 2.1 | 3,605 | 3 |
| OCEANSIDE,CITY OF,WTR UTIL DEP | 446 | 13.0 | 19 | 17 | 23 | 16 | 4.3 | 3.8 | 5.2 | 3.6 | 1,960,008 | 618 |
| OLIVENHAIN MWD | 16 | 0.4 | 1 | 1 | 2 | 0 | 6.3 | 6.3 | 12.5 | 0.0 | 0 | 0 |
| OTAY MWD | 86 | 1.4 | 0 | 0 | 3 | 0 | 0.0 | 0.0 | 3.5 | 0.0 | 0 | 0 |
| PADRE DAM MWD | 150 | 5.1 | 1 | 4 | 3 | 2 | 0.7 | 2.7 | 2.0 | 1.3 | 74,000 | 59 |
| PAUMA VALLEY COMM SERVICE DIS | 8 | 0.7 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 |
| POWAY, CITY OF | 170 | 4.0 | 6 | 1 | 5 | 2 | 3.5 | 0.6 | 2.9 | 1.2 | 700 | 1 |
| RAINBOW MWD | 54 | 0.7 | 3 | 2 | 2 | 0 | 5.5 | 3.7 | 3.7 | 0.0 | 0 | 0 |
| RAMONA MWD | 83 | 1.3 | 3 | 5 | 2 | 1 | 3.6 | 6.0 | 2.4 | 1.2 | 3,000 | 9 |
| RANCHO SANTA FE COMM SERV DIST | 52 | 0.4 | 1 | 1 | 1 | 0 | 1.9 | 1.9 | 1.9 | 0.0 | 0 | 0 |
| SAN DIEGO CO, PUBLIC WORKS | 380 | 11.0 | 1 | 4 | 11 | 2 | 0.3 | 1.1 | 2.9 | 0.5 | 2,800 | 1 |
| SAN DIEGO, CITY OF, MWWD | 2,894 | 170 | 316 | 226 | 193 | 76 | 10.9 | 7.8 | 6.7 | 2.6 | 5,749,372 | 138 |
| SOLANA BEACH, CITY OF | 52 | 1.2 | 3 | 2 | 1 | 0 | 5.8 | 3.8 | 1.9 | 0.0 | 0 | 0 |
| USMC BASE, CAMP PENDLETON | 194 | 3.1 | 35 | 18 | 23 | 4 | 18.1 | 9.3 | 11.9 | 2.1 | 96,350 | 129 |
| US NAVY | 123 | 4.0 | 26 | 24 | 12 | 5 | 21.2 | 19.5 | 9.8 | 4.1 | 3,550 | 4 |
| VALLECITOS WD | 202 | 6.1 | 4 | 4 | 5 | 0 | 2.0 | 2.0 | 2.5 | 0.0 | 0 | 0 |
| VALLEY CENTER MWD | 48 | 0.3 | 0 | 0 | 3 | 0 | 0.0 | 0.0 | 6.3 | 0.0 | 0 | 0 |
| VISTA, CITY OF | 198 | 6.5 | 5 | 4 | 4 | 7 | 2.5 | 2.0 | 2.0 | 3.5 | 22,076 | 14 |
| WHISPERING PALMS COMM SERV DIS | 17 | 0.3 | 0 | 1 | 1 | 0 | 0.0 | 5.8 | 5.8 | 0.0 | 0 | 0 |
| REGION 9 TOTAL | 9615 | 363 | 599 | 447 | 428 | 160 | | | | | 7,979,550 | |
| AVERAGE [1] | | | | | | | 6.2 | 4.6 | 4.5 | 1.7 | | 22 |
| STANDARD DEVIATION [2] | | | | | | | 7.9 | 5.1 | 7.1 | 1.6 | | 94 |
| MEDIAN [3] | | | | | | | 2.6 | 2.4 | 2.4 | 0.5 | | 0 |

[A] Includes available preliminary data for July 2003 - February 2004 and may not include all spills less than 1,000 gallons that did not enter surface waters or storm drains during this period.

[B] As of June 2003.

[C] Does not include 11 SSOs in 2000-2001 which occurred from private property but are the reponsibility of the Fallbrook PUD according to its own existing policies at the time.

[D] Volume of spills for the period in gallons divided by the amount conveyed for the period in million gallons

[1] The average is the sum of all values divided by the number of values.

[2] In a normally distributed set of values, 68% of the values are within one standard deviation either above or below the average value.

[3] The median is the middle value in a set; half the values are above the median, and half are below the median.

## Grant Funded Contracts

| No. | Watershed(s) | Contractor Name | Contact | Project Title | Description | Grant Program | Contract Amount | Match | Project Total | Status | Begin Term | End Term | Contract No. | Contract Manager |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | All | California Department of Fish and Game | Susan Ellis (916) 653-8983 | Caulerpa taxifolia Surveillance and Eradication Program | Surveillance and eradication of *Caulerpa taxifolia* throughout the southern California Bight. Project includes training area divers to identify and report infestations of *Caulerpa taxifolia*. | Proposition 13 Watershed Protection Program | $2,266,000 | $566,500 | $2,832,500 | Pending before State Board (February Workshop) | TBD | TBD | Pending | Clemente |
| 2 | All | San Diego State University Foundation | Badri Badriyha (619) 594-7293 | San Diego Watrershed Ambient Water Quality Monitoring by Citizens | Coordination and facilitation of citizen volunteer water quality monitoring. Project includes suport for citizen monitoring organizations and funds independent validation of citizen monitoring data. | Proposition 13 Watershed Protection Program | $497,798 | $0 | $497,798 | Pending before State Board (June Workshop) | TBD | TBD | Pending | Woodward |
| 3 | Carlsbad | City of Oceanside - Water Utilities Department | Gus Pennell (760) 435-5804 | Myers Property and Adjacent Creek Habitat Restoration | Restoration of Myers Property adjacent to Loma Alta Creek. Project includes water quality monitoring and project effectiveness assessment | Proposition 13 Nonpoint Source | $445,245 | $67,430 | $512,675 | Pending before State Board (February Workshop) | TBD | TBD | Pending | Gibson |
| 4 | Carlsbad | County of San Diego Department of Public Works Watershed Protection Program | Christian Braun (858) 495-5293 | McClellan-Palomar Airport Conveyance Restoration and Detention Basin Construction | Project removes concrete from a conveyance and constructs a detention basin to improve water quality in runoff. Project includes water quality monitoring and project effectiveness assessment. | Proposition 13 Nonpoint Source | $700,000 | $260,000 | $960,000 | Pending before State Board (June Workshop) | TBD | TBD | Pending | Gibson |
| 5 | Carlsbad | San Elijo Lagoon Conservancy (SELC) on Behalf of the Carlsbad Watershed Network (CWN) | Doug Gibson (760) 803-4824 | Restoration of Riparian / Wetlands Habitat in the Carlsbad Hydrologic Unit (HU A145904.00) | Restoration of 250 acres of riparian and wetlands habitat including mapping and removal of exotic invasive plants. Project includes water quality monitoring and assessment in the five major drainages of the Carlsbad Hydrologic Unit | Proposition 13 Watershed Protection Program | $3,960,000 | $0 | $3,960,000 | Pending before State Board (February Workshop) | TBD | TBD | Pending | Gibson |
| 6 | Carlsbad | USDA | Lars Anderson (530) 652-6260 | Caulerpa taxifolia Eradication Project | Project will extend current surveillance, detection, treatment, monitoring and outreach efforts throughout the Southern California Bight to attain the eventual eradication of *Caulerpa taxifolia* from all coastal wetlands throughout the state of California. | 319(h) Non-Point Source | $600,000 | $64,500 | $664,500 | Active. Work in Progress on Schedule | 3/15/03 | 12/30/06 | Pending | Dobalian |
| 7 | Carlsbad | Aqua Hedionda Lagoon Foundation | Craig Elliott | Caulerpa taxifolia Eradication Project | Project funds continuing effort to eradicate Caulerpa taxifolia in Aqua Hedionda Lagoon. | 319(h) Non-Point Source | $500,000 | | $500,000 | Active, Contract Pending. | TBD | TBD | Pending | Clemente |
| 8 | Los Penasquitos | City of San Diego | Randy Rodriquez (619) 236-7258 | Los Peñasquitos Master Watershed Plan | Project is to develop a watershed management plan for the Los Penasquitos watershed. | Prop. 13 WPP | $200,000 | $0 | $200,000 | Active. Work in Progress on Schedule | 7/1/02 | 3/30/05 | 02-028-259-0 | Woodward |
| 9 | Los Penasquitos | Los Penasquitos Lagoon Foundation | Mike Hastings (760) 436-5937 | Los Penasquitos Lagoon Sediment Phase II | A continuation of the Los Penasquitos Sediment Retention Project, project is to construct an additional sediment basin and erosion control devices in the western part of the watershed. | Prop. 13 NPS | $1,102,000 | $224,000 | $1,326,000 | Active. Work in Progress on Schedule | 10/1/03 | 3/31/06 | 03-066-559-0 | Woodward |
| 10 | Los Penasquitos | Los Peñasquitos Lagoon Foundation | Mike Hastings (760) 436-5937 | Los Peñasquitos Sediment Retention Project | Project is to analyze sediment flow from the western part of the watershed, and construct one sediment basin to address rapid sedimentation of Los Penasquitos Lagoon. | Prop. 13 NPS | $960,441 | $265,000 | $1,225,441 | Active. Work in Progress on Schedule | 7/1/02 | 3/31/05 | 02-029-259-0 | Woodward |
| 11 | Los Penasquitos | The Nature Institute | Robert La Rosa (619) 224-2003 | Science and Technology Against Runoff (STAR) | Project addresses runoff to Rose Creek and Mission Bay. Project is to install four small detention basins at stormwater outfalls and install one low-profile, in-channel weir to encourage wetland establishment. | 319(h) Non-Point Source | $42,000 | $28,000 | $70,000 | Active. Work in Progress on Schedule | 2/15/02 | 8/30/05 | 01-120-259-01 | Woodward |
| 12 | Los Penasquitos | The Nature Institute | Robert La Rosa (619) 224-2003 | Wetland Expansion Science and Technology Against Runoff (WESTAR) | Project addresses runoff to Rose Creek and Mission Bay. Project will (1) enhance riparian habitat through removal of trash and invasive species and revegetation with natives; (2) establish wetland habitat on concrete channel bottom with anchoring structures; and (3) stabilize eroding streambank with natural materials. | Prop. 13 CNPS | $236,000 | $77,000 | $313,000 | Active. Draft scope & budget submitted. Expect scope final in 2-04. | TBD | TBD | Pending | Woodward |

ATTACHMENT B-5

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 | Multiple | San Diego County Water Authority | Eduardo Arquelles (858) 522-6817 | Environmental and engineering studies for the San Diego Regional Conveyance Facility. | (1) Environmental and engineering studies of the San Diego Regional Conveyance Facility; (2) feasibility study of sea water desalination opportunities for supplemental water supply for both the US and Mexico. | Prop. 13 (Set Aside) | $3,000,000 | $0 | $3,000,000 | Active. Work in Progress. Behind Schedule. Contract term extended from 9-03 to 2-05. | | | 00-141-250-0 | Woodward |
| 15 | Otay | County of San Diego | Tracy Cline (858) 495-5513 | Otay River Watershed Management Plan | Project will develop a watershed management plan for the Otay River Watershed. | Prop. 13 WPP | $200,000 | $745,405 | $945,405 | Active. Work in Progress Behind Schedule | 8/1/02 | 3/31/05 | 02-036-259-0 | Woodward |
| 17 | Pueblo | City of San Diego | Karen Henry/Drew Kleiss (619) 525-8623 | Chollas Creek Water Quality Protection & Habitat Enhancement Project | Project is to remove concrete from a channelized section of Chollas Creek, restore wetland and riparian habitat, and implement a watershed-wide education program. [But due to time constraints, concrete removal may not be done.] | Prop. 13 NPS | $2,244,000 | $529,406 | $2,773,406 | Active. Project behind schedule. Scope & Budget to be submitted. | TBD | TBD | Pending | Woodward |
| 18 | Pueblo, Sweetwater, & Otay | City of San Diego Storm Water Pollution Prevention Program | Stephanie Lohstoh (619) 525-8642 | The San Diego Watersheds Common Grounds Project: San Diego Bay Watershed Demonstration | Project develops a web-based GIS data storage and access system for San Diego Bay and watershed water quality data to facilitate use of data by stakeholders and decision makers. Project includes extensive water quality monitoring to support TMDL development. | Proposition 13 Coastal Nonpoint Source | $900,000 | $462,645 | $1,362,645 | Pending before State Board (February Workshop) | TBD | TBD | Pending | Woodward |
| 19 | Regions 3,4,8,9 | Environment Now | Joan Hartmann (323) 938-5530 | Regional Wetlands & Watershed Management Plan for Coastal Southern California | Project is to help coordinate watershed planning across coastal watersheds in five counties. Grant funds five county task forces (Santa Barbara to San Diego) to assess existing watershed management plans, identify planning gaps, and create a restoration project inventory. Project includes education and community outreach. | Prop. 13 WPP | $607,500 | $290,000 | $897,500 | Work completed ahead of schedule. Final Report submitted and approved. Project closed out. | 4/15/02 | 2/15/05 | 01-156-259-0 | Woodward |
| 20 | San Diego | City of Santee | Erik Steenblock (619) 258-4100 (ext. 177) | Forester Creek Improvement Project | Project implements extensive improvements to Forester Creek to improve flood control while improving aquatic and riparian habitat structural and functional values. Project includes water quality monitoring and project effectiveness assessment. | Proposition 13 Watershed Protection Program | $3,000,000 | $8,692,500 | $11,692,500 | Pending before State Board (June Workshop) | TBD | TBD | Pending | Clemente |
| 21 | San Diego | Coastal Conservancy | Marc Beyeler (619) 286-4172 | Lower San Diego River Private Landowner Incentive Demonstration Project | Implement an integrated urban runoff and creek restoration/stewardship program for the Lower San Diego River on private lands within the river corridor. The proposed project involves several different elements, including: (1) identification/enrollment of private landowner participants; (2) recruitment, training and supervision of community stewards; (3) design/installation of treatment control/habitat restoration projects; (4) and design/implementation of stewardship protocols, including project evaluation and monitoring data collection and reporting | Prop. 13 CNPS | $800,000 | $150,000 | $950,000 | Active. Behind Schedule. Joint Analyst comments sent to applicant. Expect start date of May 2004. | TBD | TBD | Pending | Clemente |
| 22 | San Diego | County of San Diego Department of Public Works Watershed Protection Program | Christian Braun (858) 495-5293 | Woodside Avenue Low Flow Water Quality Basin and Arrundo Removal | Project implements concrete removal, *Arundo* removal, and structural BMP. Project includes water quality monitoring and project effectiveness assessment. | Proposition 13 Nonpoint Source | $1,000,000 | $720,000 | $1,720,000 | Pending before State Board (February Workshop) | TBD | TBD | Pending | Clemente |
| 23 | San Diego | County of San Diego Department of Environmental Health | Liz Giffen (858)694-3482 | San Diego River Watershed Management Plan | Project will develop a watershed management plan for the San Diego River Watershed. | Prop. 13 WPP | $197,500 | $0 | $197,500 | Active. Work in Progress on Schedule | 4/19/02 | 3/30/05 | 01-150-259-0 | Clemente |
| 24 | San Diego | County of San Diego Department of General Services | Dennis Verrilli (858) 694-2059 | Porous Pavement and Model Municipal Operations Center Demonstration Project | Project replaces impervious pavement at several County of San Diego facilities with porous pavement. Includes water quality monitoring and assessment and demonstration elements. | Proposition 13 Nonpoint Source | $1,400,000 | $305,000 | $1,705,000 | Pending before State Board (February Workshop) | TBD | TBD | Pending | Clemente |
| 25 | San Diego | Friends of Famosa Slough | James Peugh (619) 224-4591 | Famosa Slough Weltand Restoration/Fill Removal | Project is to restore about three acres of wetland on the north end of Famosa Slough through removal of fill and revegetation. | Prop. 13 CNPS | $367,000 | $100,000 | $467,000 | Active. Draft contract submitted to DGS. | TBD | TBD | Pending | Clemente |
| 26 | San Diego | Riverview Water District | Jeanne Swaringen (619)561-1333 [Robin Rierdan (619)443-4770] | San Diego River Park - Restoration and Recharge - Phase II | Project removes fill and restores floodplain structure and functions along the San Diego River in Lakeside. Project includes water quality monitoring and project effectiveness assessment. | Proposition 13 Watershed Protection Program - Small Communities with Financial Hardship | $1,100,000 | $1,290,725 | $2,390,725 | Pending before State Board (February Workshop) | TBD | TBD | Pending | Clemente |
| 27 | San Diego | Riverview Water District (San Diego River Park-Lakeside Conservancy) | Jeanne Swaringen (619)561-1333 [Robin Rierdan (619)443-4770] | San Diego River Park - Lakeside Conservancy: Restoration and Recharge | Project is to construct a five-acre, off-channel wetland to improve water quality and recharge. Project is part of 125-acre restoration planned for the area. [Note: $10.8M property acquisition is considered match but isn't part of the contract.] | Prop. 13 WPP | $1,290,725 | $0 | $1,290,725 | Active. Draft contract submitted to DGS. | TBD | TBD | Pending | Clemente |
| 28 | San Dieguito | City of San Diego | Robert Collins (619) 668-2084 | San Dieguito Watershed Management Plan | Project will develop a watershed management plan for San Dieguito River Watershed. | 205(j) | $125,000 | $0 | $125,000 | Active. Contract signed and work in progress.. | | | NA | Gibson |
| 29 | San Dieguito | County of San Diego - Dept. Parks and Recreation | Carole Mellum (858) 495-5295 | Santa Maria Creek Protection and Restoration Project | Project will reduce the transport of urban and agricultural pollutants, bacteria, and sediment to downstream receiving waters by restoring, enhancing and protecting the Santa Maria Creek corridor on the Cagney property and the creek channel on 13 adjacent private properties. | Prop. 13 NPS | $1,500,000 | $2,010,780 | $3,510,780 | Active. Behind schedule. Scope and Budget reviewed with applicant. | TBD | TBD | Pending | Gibson |
| 30 | San Juan | City of Laguna Niguel | Nancy Palmer (949) 362-4384 | Upper Sulphur Creek Restoration | Restore one and seven-tenths (1.7) miles of Upper Sulphur Creek in Laguna Niguel by removing non-native plant species, converting concrete v-ditch to soft-bottom channel, and planting native riparian, transitional and upland plant species. | Prop. 13 NPS | $928,723 | $153,460 | $1,082,183 | Active. Behind schedule. Scope and Budget reviewed with applicant. | TBD | TBD | Pending | Clemente |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | San Juan | Laguna Niguel Community Services District | Nancy Palmer (949) 362-4384 | The Sulphur Solution: Prevent, Control, Restore | The Sulphur Solution will be a partnership of the three Sulphur Creek watershed jurisdictions (the Cities of Laguna Niguel and Laguna Hills, and the County of Orange) and 200+ residents and businesses who will participate in a broad-based, iterative approach for pollution prevention, source control, treatment, and re-establishment of beneficial habitat use. The Sulphur Solution will help *prevent* NPS pollution by converting high-impact ornamental landscape areas into low-impact landscapes; will help *control* the entry of NPS pollutants into the MS4 by retrofitting catch basins with screens and filters; and will help *restore* beneficial uses and natural pollutant-removing stream functions downstream of the MS4 by converting a major trapezoidal flood control channel into viable wetland habitat. | Proposition 13 Nonpoint Source | $2,300,000 | $1,134,500 | $3,434,500 | Pending before State Board (February Workshop) | TBD | TBD | Pending | Clemente |
| 32 | San Juan | National Audobon Society | Peter Desimone (949) 858-0309 | Bell, Dove, and Tick Creek Water Reclamatiion and Habitat Restoration Project | Intercept all dry-season urban runoff and remove trash in order to restore Bell Canyon to its historical hydrologic character. Project include outreach and educational components. Water quality monitoring will be performed to assess project effectiveness and benefits. | Prop. 13 NPS | $402,000 | $148,000 | $550,000 | Active. Behind schedule. Scope and budget discussed with applicant. Expect 6-2004 start date. | TBD | TBD | Pending | Clemente |
| 33 | San Juan | City of Laguna Niguel | Ken Montgomery (949) 362-4345 | Wetland Capture and Treatment Network | Construct and maintain artificial wetlands to treat urban runoff in the JO3PO2 watershed. | Prop. 13 CNPS | $153,750 | $190,250 | $344,000 | Active. Work in Progress on Schedule | 3/1/02 | 3/31/04 | 01-122-259-0 | Clemente |
| 34 | San Juan | County of Orange Public Facilities and Resources Department | Chris Crompton (714) 567-6360 | Munger Storm Drain Filtration | Project is to install a sand filter within Munger Storm Drain to improve quality of water entering Aliso Creek. | Prop. 13 NPS | $204,500 | $29,925 | $234,425 | Active. Work in Progress. Behind Schedule | 6/5/03 | 3/31/05 | 02-177-559-0 | Clemente |
| 35 | San Juan, Santa Margarita, San Luis Rey, Carlsbad & Tijuana | University of California Cooperative Extension | Valerie Mellano (760) 724-6329 | Reduction of Agricultural Nonpoint Source Pollution in the Coastal Watersheds of San Diego County | Project is to inform agricultural producers about BMPs that reduce nonpoint pollution, and encourage use of these practices. | Prop. 13 CNPS | $300,000 | $0 | $300,000 | Active. Work in Progress on Schedule | 3/6/03 | 3/31/05 | 02-132-259-0 | Woodward |
| 36 | San Luis Rey | Mission Resource Conservation District | Judy Mitchell (760) 728-0342 | Upper San Luis Rey Watershed Arundo Control/Riparian Habitat Restoration | Project is to remove about 40 acres of *Arundo* along the San Luis Rey River, and revegetate with native plants. | Prop. 13 WPP | $911,000 | $28,500 | $939,500 | Active. Work in Progress on Schedule | 6/30/03 | 3/31/06 | 02-185-559-0 | Woodward |
| 37 | San Luis Rey | Sustainable Conservation | Carolyn Remick (415)977-0380x302 | Permit Coordination for BMPs in the San Luis Rey Watershed | Project is to develop a streamlined permitting process for private landowners to implement habitat restoration and erosion control projects. | 319(h) Non-Point Source | $129,950 | $86,667 | $216,617 | Active. Work in Progress on Schedule | 6/1/03 | 9/1/2005 | 02-170-259-0 | Woodward |
| 38 | Santa Margarita | County of San Diego Department of Public Works Watershed Protection Program | Sheri McPherson (858) 495-5285 | Rainbow Creek Nutrient TMDL Implementation | Project implements TMDL nutrient reduction program for Rainbow Creek watershed | 319(h) Non-Point Source | $321,436 | $59,618 | $381,054 | Pending before State Board (June Workshop) | TBD | TBD | Pending | Woodward |
| 39 | Santa Margarita | Mission Resource Conservation District | Judy Mitchell/ Cynthia Mallett (760)728-1332 | Santa Margarita Home to Ocean (H2O) - A Citizens Water Quality Monitoring Program | Project is to implement a citizen-based water quality monitoring program and to increase public awareness of watershed issues. | 319(h) Non-Point Source | $54,302 | $56,178 | $110,480 | Active. Work in Progress on Schedule | 2/15/02 | 3/10/05 | 01-116-259-0 | Woodward |
| 40 | Santa Margarita | Riverside County Flood Control District | Warren Williams (909) 955-1200 | Restoration of Habitat Corridor, Invert of Murrieta Creek Phase I | Project will restore riparian habitat of Murrieta Creek. | 319(h) Non-Point Source | $318,154 | $47,723 | $365,877 | Active. Prep. Package sent to applicant. Awaiting draft Scope & Budget. | TBD | TBD | Pending | Woodward |
| 41 | Santa Margarita | San Diego County Flood Control District | Joseph DeStefano II (858) 694-3692 | Santa Margarita River Watershed Management Plan | Project is to develop a watershed management plan for the Santa Margarita River watershed. | Prop. 13 WPP | $200,000 | $117,950 | $317,950 | Active. Work in Progress on Schedule | 8/31/02 | 3/31/05 | 02-040-259-0 | Woodward |
| 42 | Tijuana | County of San Diego Department of Public Works Watershed Protection Program | Christian Braun (858) 495-5293 | Invasive Species Removal in the Cottonwood Creek area of the Tijuana River Watershed | Removal of *Arundo* and *Tamarisk* in Cottonwood Creek in the upper Tijuana River Watershed. Project includes water quality monitoring and project effectiveness assessment. | Proposition 13 Watershed Protection Program | $637,500 | $74,000 | $711,500 | Pending before State Board (February Workshop) | TBD | TBD | Pending | Gibson |
| 43 | Tijuana | Southwest Wetlands Interpretive Association | Mayda Winter (619) 575-0550 | Tijuana River Valley Invasive Plant Control Program | Removal of exotic invasive vegetation in the Tijuana River Valley in the lower Tijuana River Watershed. Project includes water quality monitoring and project effectiveness assessment. | Proposition 13 Watershed Protection Program | $1,112,936 | $10,800 | $1,123,736 | Pending before State Board (February Workshop) | TBD | TBD | Pending | Gibson |
| 44 | Tijuana River | County of San Diego | Iovanka Todt (858) 694-2685 | Tijuana River Watershed Management Plan | Project will develop a binational Watershed Vision (i.e. watershed management plan) for the Tijuana River Watershed. | Prop. 13 WPP | $200,000 | $117,950 | $317,950 | Active. Work in Progress on Schedule | 9/5/02 | 3/31/05 | 02-042-259-0 | Gibson |
| 45 | Los Penasquitos | University of San Diego | Dr. R. Kaufmann (619) 260-6825 | Mission Bay Citizen Monitoring | Project conducts citizen volunteer water quality monitoring in Mission Bay. | 319(h) Non-Point Source | $191,580 | $28,737 | $220,317 | Active. Work Progress on Schedule. QAPP under review. | 6/30/02 | 8/10/05 | 02-184-559-0 | Richter |
| 46 | Pueblo | San Diego BayKeeper | Hiram Sarabia (619) 758-7743 | Chollas Creek & Paleta - 7th Street Channel Citizen Monitoring Program | Project conducts citizen volunteer water quality monitoring in Chollas and Paleta Creeks. | 319(h) Non-Point Source | $205,020 | $136,292 | $341,312 | Active. Work Progress on Schedule | 4/15/03 | 6/1/05 | 02-146-259-0 | Monji |
| 47 | Sweetwater, Otay, and Pueblo | UC Cooperative Extension/Seagrant Extension Program | Leigh Johnson (858 694-2852 | Nontoxic Recreational Boat Hull Paint Demonstration for San Diego Bay | Project demonstrates effectiveness of non-toxic recreational boat hull paint formulations. | 319(h) Non-Point Source | $129,283 | $89,562 | $218,845 | Work completed. Final Report pending | 2/1/01 | 4/30/04 | 00-145-259-0 | Michael |
| | | | | | | TOTALS | $37,941,343 | $19,359,003 | $57,300,346 | | | | | |

## 2003 Consolidated Watershed Protection and Non-Point Source Pollution Control Request for Proposals

### Status of San Diego Region Proposals

| No. | Watershed(s) | PIN | Contractor Name | Contact | Project Title | Description | Grant Program | Grant Amount | Match | Project Total | Status | Begin Term | End Term | Contract No. | Contract Manager |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | San Juan | 398 | Laguna Niguel Community Services District | Nancy Palmer (949) 362-4384 | The Sulphur Solution: Prevent, Control, Restore | The Sulphur Solution will develop and implement a broad-based, iterative approach for pollution prevention, source control, treatment, and re-establishment of beneficial habitat use. The Sulphur Solution will help *prevent* NPS pollution by converting high-impact ornamental landscape areas into low-impact landscapes; will help *control* the entry of NPS pollutants into the MS4 by retrofitting catch basins with screens and filters; and will help *restore* beneficial uses and natural pollutant-removing stream functions downstream of the MS4 by converting a major trapezoidal flood control channel into viable wetland habitat. | Proposition 13 Nonpoint Source | $2,300,000 | $1,134,500 | $3,434,500 | Funded in SWRCB Resolution 2004-0003 | TBD | 3/31/07 | Pending | Clemente |
| 2 | San Diego | 441 | County of San Diego Department of General Services | Dennis Verrilli (858) 694-2059 | Porous Pavement and Model Municipal Operations Center Demonstration Project | Project replaces impervious pavement at several County of San Diego facilities with porous pavement. Includes water quality monitoring and assessment and demonstration elements. | Proposition 13 Nonpoint Source | $1,400,000 | $305,000 | $1,705,000 | Funded in SWRCB Resolution 2004-0003 | TBD | 3/31/07 | Pending | Clemente |
| 3 | Carlsbad | 589 | San Elijo Lagoon Conservancy (SELC) on Behalf of the Carlsbad Watershed Network (CWN) | Doug Gibson (760) 803-4824 | Restoration of Riparian / Wetlands Habitat in the Carlsbad Hydrologic Unit (HU A145904.00) | Restoration of 250 acres of riparian and wetlands habitat including mapping and removal of exotic invasive plants. Project includes water quality monitoring and assessment in the five major drainages of the Carlsbad Hydrologic Unit | Proposition 13 Watershed Protection Program | $3,960,000 | $0 | $3,960,000 | Funded in SWRCB Resolution 2004-0003 | TBD | 3/31/07 | Pending | Gibson |
| 4 | Tijuana | 438 | Southwest Wetlands Interpretive Association | Mayda Winter (619) 575-0550 | Tijuana River Valley Invasive Plant Contro Program | Removal of exotic invasive vegetation in the Tijuana River Valley in the lower Tijuana River Watershed. Project includes water quality monitoring and project effectiveness assessment. | Proposition 13 Watershed Protection Program | $1,112,936 | $10,800 | $1,123,736 | Funded in SWRCB Resolution 2004-0003 | TBD | 3/31/07 | Pending | Gibson |
| 5 | Pueblo, Sweetwater, & Otay | 660 | City of San Diego Storm Water Pollution Prevention Program | Stephanie Lohstoh (619) 525-8642 | The San Diego Watersheds Commo Grounds Project: San Diego Bay Watershe Demonstration | Project develops a web-based GIS data storage and access system for San Diego Bay and watershed water quality data to facilitate use of data by stakeholders and decision makers. Project includes extensive water quality monitoring to support TMDL development. | Proposition 13 Coastal Nonpoint Source | $900,000 | $462,645 | $1,362,645 | Funded in SWRCB Resolution 2004-0003 | TBD | 3/31/07 | Pending | Woodward |
| 6 | Tijuana | 448 | County of San Diego Department of Public Works Watershed Protection Program | Christian Braun (858) 495-5293 | Invasive Species Removal in the Cottonwood Creek area of the Tijuana River Watershed | Removal of *Arundo* and *Tamarisk* in Cottonwood Creek in the upper Tijuana River Watershed. Project includes water quality monitoring and project effectiveness assessment. | Proposition 13 Watershed Protection Program | $637,500 | $74,000 | $711,500 | Funded in SWRCB Resolution 2004-0003 | TBD | 3/31/07 | Pending | Gibson |
| 7 | All | 319 | California Department of Fish and Game | Susan Ellis (916) 653-8983 | Caulerpa taxifolia Surveillance and Eradication Program | Surveillance and eradication of *Caulerpa taxifolia* throughout the southern California Bight. Project includes training area divers to identify and report infestations of *Caulerpa taxifolia*. | Proposition 13 Watershed Protection Program | $2,266,000 | $566,500 | $2,832,500 | Funded in SWRCB Resolution 2004-0003 | TBD | 3/31/07 | Pending | Clemente |
| 8 | San Diego | 379 | County of San Diego Department of Public Works Watershed Protection Program | Christian Braun (858) 495-5293 | Woodside Avenue Low Flow Water Quality Basin and Arrundo Removal | Project implements concrete removal, *Arundo* removal, and structural BMP. Project includes water quality monitoring and project effectiveness assessment. | Proposition 13 Nonpoint Source | $1,000,000 | $720,000 | $1,720,000 | Funded in SWRCB Resolution 2004-0003 | TBD | 3/31/07 | Pending | Clemente |
| 9 | Carlsbad | 747 | City of Oceanside - Water Utilities Department | Gus Pennell (760) 435-5804 | Myers Property and Adjacent Creek Habitat Restoration | Restoration of Myers Property adjacent to Loma Alta Creek. Project includes water quality monitoring and project effectiveness assessment | Proposition 13 Nonpoint Source | $445,245 | $67,430 | $512,675 | Funded in SWRCB Resolution 2004-0003 | TBD | 3/31/07 | Pending | Gibson |

## 2003 Consolidated Watershed Protection and Non-Point Source Pollution Control Request for Proposals

### Status of San Diego Region Proposals

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | San Diego | 573 | Riverview Water District | Jeanne Swaringen (619)561-1333 [Robin Rierdan (619)443-4770] | San Diego River Park - Restoration and Recharge - Phase II | Project removes fill and restores floodplain structure and functions along the San Diego River in Lakeside. Project includes water quality monitoring and project effectiveness assessment. | Proposition 13 Watershed Protection Program | $1,100,000 | $1,290,725 | $2,390,725 | Funded in SWRCB Resolution 2004-0003 | TBD | 3/31/07 | Pending | Clemente |
| 11 | Carlsbad | 380 | County of San Diego Department of Public Works Watershed Protection Program | Christian Braun (858) 495-5293 | McClellan-Palomar Airport Conveyance Restoration and Detention Basin Construction | Project removes concrete from a conveyance and constructs a detention basin to improve water quality in runoff. Project includes water quality monitoring and project effectiveness assessment. | Proposition 13 Nonpoint Source | $700,000 | $105,000 | $805,000 | Pending June 2004 Workshop | TBD | 3/31/07 | Pending | Gibson |
| 12 | Santa Margarita | 446 | County of San Diego Department of Public Works Watershed Protection Program | Sheri McPherson (858) 495-5285 | Rainbow Creek Nutrient TMDL Implementation | Project implements TMDL nutrient reduction program for Rainbow Creek watershed | 319 (h) Nonpoint Source | $321,436 | $59,618 | $381,054 | Pending June 2004 Workshop | TBD | 3/31/07 | Pending | Woodward |
| 13 | All | 503 | San Diego State University Foundation | Dr. Badri N. Badriyha (619) 594-7293 | San Diego Watrershed Ambient Water Quality Monitoring by Citizens | Coordination and facilitation of citizen volunteer water quality monitoring. Project includes suport for citizen monitoring organizations and funds independent validation of citizen monitoring data. | Proposition 13 Watershed Protection Program | $497,798 | $0 | $497,798 | Pending June 2004 Workshop | TBD | 3/31/07 | Pending | Woodward |
| 14 | San Diego | 616 | City of Santee | Erik Steenblock (619) 258-4100 x177 | Forester Creek Improvement Project | Project implements extensive improvements to Forester Creek to improve flood control while improving aquatic and riparian habitat structural and functional values. Project includes water quality monitoring and project effectiveness assessment. | Proposition 13 Watershed Protection Program | $3,000,000 | $8,692,500 | $11,692,500 | Pending June 2004 Workshop | TBD | 3/31/07 | Pending | Clemente |

## Clean Beach Projects (a)

| Project Number | Beach | Description (b) | State Board's Project Manager | $$ Authorized in Budget Act | $$ Committed by SWRCB (c) |
|---|---|---|---|---|---|
| 1 | Mothers' Beach-Marina Del Rey | Feasibility And Construction Of Water Infusion System to Improve Water Circulation | Mark Fong | $2,000,000 | $250,000 |
| 2 | Surfrider/ Malibu Lagoon | Storm Drain Filtration and Disinfection at Cross Creek & Civic Center Drains | Bruce Locken | $2,000,000 | $250,000 |
| 3 | Malibu Creek | Installation of Polluted Runoff Treatment Technology | Bruce Locken | $385,000 | $50,000 |
| 5 | Los Angeles River | TMDL Technical Assistance and Implementation Of Trash TMDL | Bruce Locken | $500,000 | |
| 6 | Colorado Lagoon | Storm Drain Diversion and Disinfection | Bruce Locken | $500,000 | $100,000 |
| 7 | Cabrillo Beach | Water Circulation Improvements Feasibility/ Design; Alternative Water Recreation; Sediment Removal Along Breakwater | Bruce Locken | $1,250,000 | |
| 8 | Santa Monica Pier | Sewer Line Upgrades, Netting, Fish Bait Waste Collection, Bird-Proof Trash Enclosures | Mark Fong | $350,000 | $350,000 |
| 9 | Redondo Beach Pier | Sewer Line Upgrades, Netting, Fish Bait Waste Collection, Bird-Proof Trash Enclosures | Mark Fong | $350,000 | $350,000 |
| 10 | Temescal Canyon | Dry Weather Diversion | Mark Fong | $800,000 | $800,000 |
| 11 | Manhattan Beach | 28th Street- Dry Weather Diversion | Connie Perkins | $200,000 | $200,000 |
| 12 | Santa Monica Canyon | Santa Monica Canyon- Dry Weather Diversion | Mark Fong | $1,020,000 | $1,020,000 |
| 13 | Imperial Hgwy | Dry Weather Diversion | Mark Fong | $810,000 | $810,000 |
| 14 | Surfrider/ Malibu Lagoon | Implementation Of SMBRP Septic Management Plan | Bruce Locken | $794,000 | |
| 15 | Avalon Beach | Dry Weather Diversion and Tidal Circulation Feasibility Study | Connie Perkins | $248,100 | $248,100 |
| | | Source Abatement | Connie Perkins | $251,900 | |

ATTACHMENT B-6

## Clean Beach Projects (a)

| Project Number | Beach | Description (b) | State Board's Project Manager | $$ Authorized in Budget Act | $$ Committed by SWRCB (c) |
|---|---|---|---|---|---|
| 16 | Kiddie And Hobie Beach | Dry Weather Diversion and BMP Implementation | Mark Fong | $705,000 | $705,000 |
| | | Tidal Circulation - Feasibility/Design/ Construction | Mark Fong | $795,000 | |
| 17 | Rincon Beach | Septic to Sewer | Mark Fong | $500,000 | $200,000 |
| 18 (a) | Arroyo Burro (County of Santa Barbara) | Vactor Truck | Mark Fong | $278,000 | |
| 18 (b) | Arroyo Quemada Beach (County of Santa Barbara) | Septic system upgrade/replacement | Mark Fong | $125,000 | |
| 18 (c) | Mission Creek/Arroyo Burro (City of Santa Barbara) | Stormdrain treatment facility | Mark Fong | $600,000 | $125,000 |
| 18 (d) | Refugio Beach (County of Santa Barbara/CA State Parks) | Septic system upgrade/replacement & wetlands construction | Mark Fong | $723,000 | $70,000 |
| 18 (e) | Jalama Beach (County of Santa Barbara Parks) | Septic system upgrade/replacement & wetlands construction | Mark Fong | $250,000 | $60,000 |
| 19 | Dana Point Harbor- Baby Beaches | Dry Weather Diversion and Tidal Circulation Feasibility Study | Bruce Locken | $750,000 | $350,000 |
| 20 | Aliso Beach | Dry Weather Diversion; Wetland Treatment of Runoff | Bruce Locken | $500,000 | $500,000 |
| 21 | Doheny State Beach (San Juan Creek ) | Dry Weather Diversions and Pollution Abatement -Alipaz Stormdrain Treatment & Diversion | Laura Peters | $369,500 | $369,500 |
| | | Del Obispo Diversion | Laura Peters | $380,500 | $380,500 |
| 22 | Newport Bay | Dry Weather Diversions | Laura Peters | $500,000 | $200,000 |
| 23 | Dana Point-Poche Creek | Dry Weather Diversion | Bruce Locken | $500,000 | |
| 24 | Huntington State Beach-Santa Ana River | Dry Weather Diversion | Laura Peters | $1,000,000 | $1,000,000 |
| 26 | Moonlight Beach-Encinitas | Ozone Treatment of Runoff | Laura Peters | $814,000 | $814,000 |
| 27 | Mission Bay | Source ID Survey | Laura Peters | $650,000 | $650,000 |
| | | Fecal Bacteria Source Abatement | Laura Peters | $650,000 | |
| | | Rose & Tecolote BMP's | Laura Peters | $1,700,000 | $170,000 |

## Clean Beach Projects (a)

| Project Number | Beach | Description (b) | State Board's Project Manager | $$ Authorized in Budget Act | $$ Committed by SWRCB (c) |
|---|---|---|---|---|---|
| 28 | Imperial Beach | CODAR Study | Laura Peters | $750,000 | $750,000 |
| | | Dry Weather Diversion - Date Ave | Laura Peters | $375,000 | $375,000 |
| | | Dry Weather Diversion - Palm Ave | Laura Peters | $375,000 | |
| 29 | Coronado Beach | Dry Weather Diversions | Laura Peters | $1,000,000 | $1,000,000 |
| 30 | Ocean Beach | San Diego River Restoration Phase 1 | Laura Peters | $500,000 | $500,000 |
| | | San Diego River Restoration Phase 2 | Laura Peters | $1,000,000 | |
| 32<br>33<br>35 | Main, Cowell, and Seabright Beach | Infiltration/Exfiltration study and repair of sewer lines | Connie Perkins | $548,600 | $548,600 |
| | | Storm Drain Diversions | Connie Perkins | $926,400 | |
| 34 | Capitola Beach | Storm Drain Diversion | Connie Perkins | $100,000 | $100,000 |
| 36 | Bodega Bay-Campbell Cove | Fecal Bacteria Source Identification and Tidal Circulation; Source Abatement | Connie Perkins | $500,000 | $220,000 |
| 37 | State Beaches At Pillarcitos and Gazos | Fecal Bacteria Source Identification and Abatement | Connie Perkins | $250,000 | $175,000 |
| 38 | Pacifica State Beach | Storm Drain Retrofitting to Reduce Fecal Bacteria Pollution | Connie Perkins | $500,000 | |
| 39 | Pismo State Beach | Lift Station Replacement to Reduce Fecal Bacteria Pollution | Connie Perkins | $1,200,000 | $1,200,000 |
| 40 | Lovers' Pt. | Dry Weather Diversion; Tidal Circulation Feasibility Study; Source Abatement | Laura Peters | $500,000 | $500,000 |

(a) The project number reflects how they were listed in the Budget Act.

(b) The State Water Resources Control Board is working with project proponents to insure projects are consistent with Prop 13 Coastal NPS Grants and CE

(c) As of June 20, 2002

# California Regional Water Quality Control Board
## San Diego Region

Terry Tamminen
*Secretary for Environmental Protection*

Internet Address: http://www.swrcb.ca.gov/rwqcb9
9174 Sky Park Court, Suite 100, San Diego, California 92123-4340
Phone (858) 467-2952 • FAX (858) 571-6972

Arnold Schwarzenegger
*Governor*


ATTACHMENT B-7

March 2, 2004

Mr. Charles "Muggs" Stoll
California Department of Transportation
District 11
P.O. Box 85406
San Diego, CA 92186-5406

Dear ~~Mr. Stoll~~ Muggs:

**SUBJECT: POST-FIRE BMP IMPLEMENTATION**

On behalf of the Regional Board, I would like to thank the California Department of Transportation (Caltrans) for your efforts to address potential water quality problems as a result of the October 2003 wildfires. Caltrans' rapid identification, installation, and maintenance of best management practices (BMPs) have helped to keep post-fire impacts to water quality and beneficial uses to a minimum.

Effective BMPs are readily apparent along the majority of our roads within burned areas. A recent, post-rain inspection indicated no significant BMP failures or water quality problems. Furthermore, some hydroseeded areas have started to sprout and should serve as effective long-term BMPs. We appreciate the efforts Caltrans has implemented to address water quality concerns while also addressing other post-fire issues.

Respectfully,

John Robertus
Executive Officer
San Diego Regional Water Quality Control Board

# California Regional Water Quality Control Board
## San Diego Region

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Arnold Schwarzenegger
*Governor*


March 2, 2004

Mr. Walter Ekard
Chief Administrative Officer
County of San Diego
Room 209
1600 Pacific Highway
San Diego, California 92101

Dear Mr. Ekard:

**SUBJECT: POST-FIRE BMP IMPLEMENTATION**

On behalf of the Regional Board, I would like to thank the County of San Diego (County) for your efforts to address potential water quality problems as a result of the October 2003 wildfires. The County's rapid identification, installation, and maintenance of best management practices (BMPs); operation of BMP distribution centers; assistance to residents with BMP installation; and other activities have helped to keep post-fire impacts to water quality and beneficial uses to a minimum.

Furthermore, the County's efforts during the recent rain events have helped to minimize impacts to water quality. The County's crews have responded well to problem, and potential problem, areas, implementing an effective combination of BMPs to address site-specific erosion and sedimentation issues. We appreciate the efforts the County has undertaken to address water quality concerns while also addressing other post-fire issues.

Respectfully,

John Robertus
Executive Officer
San Diego Regional Water Quality Control Board

cc: Mr. Cid Tesoro, County of San Diego, Storm Water

# California Regional Water Quality Control Board

## San Diego Region

Terry Tamminen
*Secretary for Environmental Protection*

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Phone (858) 467-2952 • FAX (858) 571-6972

Arnold Schwarzenegger
*Governor*


March 2, 2004

Mr. James Bowersox
City Manager
City of Poway
P.O. Box 789
Poway, California 92074-0789

Dear Mr. Bowersox:

**SUBJECT: POST-FIRE BMP IMPLEMENTATION**

On behalf of the Regional Board, I would like to thank the City of Poway (City) for your efforts to address potential water quality problems as a result of the October 2003 wildfires. The City's rapid identification, installation, and maintenance of best management practices (BMPs) have helped to keep post-fire impacts to water quality and beneficial uses to a minimum.

The City's careful implementation of BMPs during the ongoing maintenance of check dams and recently completed dredging in Rattlesnake and Poway Creeks, under the Army Corps of Engineers Regional General Permit No. 63, ensured minimal to no impacts to water quality. We appreciate the efforts the City has undertaken to address water quality concerns while also addressing other post-fire issues.

Respectfully,

John Robertus
Executive Officer
San Diego Regional Water Quality Control Board

cc: Mr. Danis Bechter, City of Poway, Storm Water
Mr. Dan Cannon, City of Poway, Department of Public Works

| SEP No. | PROJECT TITLE | PROJECT OBJECTIVE | PROJECT TRUSTEE | ACL Order | Date Adopted | SEP AMOUNT | DURATION | WATERSHED | | REGIONAL BOARD | | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Hydrologic Unit | | CAU Contact | Technical staff Contact | |
| **Active / Ongoing Projects** | | | | | | | | | | | | |
| SEP00-001 | Restoration of Chaparral Canyon Area | Restore chaparral canyon below Lake Murray Dam by the removal of invasive non-native vegetation and including some re-vegetation with native plants. | City of San Diego | 2000-103 Adobe Falls | 10/11/00 | $128,400 | 36 months | Mission San Diego, San Diego River HU | 907.11 | Rebecca Stewart | Mike Porter, WPSU | Removal of non-native vegetation is continuting. Plant palettes have been contracted. Quarterly status reports due. |
| SEP00-004 | Alvarado Canyon Mitigation | Removal of existing exotic vegetation located between I-8 box culvert and the City's Park Reserve in upper Alvarado Canyon. | City of San Diego | 2000-103 Adobe Falls | 10/11/00 | $168,000 | 36 months | Mission San Diego, San Diego River HU | 907.11 | Rebecca Stewart | not assigned | City obtained all permits and now negotiating contract with non-profit organizations for weed removal. Quarterly status reports due. |
| SEP00-011 | Mission Bay Water Quality Survey | Collection of water samples at 24 sites on Mission Bay or tributaries. Analyze samples for total coliform, fecal coliform and enterococcus densities. | City of San Diego | 2000-103 Adobe Falls | 10/11/00 | $362,500 | 27 months?? 2-3 years starting 7/01?? | Mission Bay, Penasquitos HU | 906.30, 906.40 & 906.50 | Rebecca Stewart | Lesley Doblian & Christina Arias,WQS | Project proceeding on schedule. Quarterly status reports due. |
| SEP00-024 | Restoration of Adobe Falls Open Space Park | Removal of invasive non-native vegetation, limited re-vegetation with native plants, and restoring the creek to its natural condition. | City of San Diego | 2000-103 Adobe Falls | 10/11/00 | $310,000 | 36 months | Mission San Diego, San Diego River HU | 907.11 | Rebecca Stewart | Mike Porter, WPSU | Vegetation removal is proceeding. Plant palettes have been contracted. Quarterly status reports due. |
| SEP01-003 | Mission Bay Human Pathogenic Viruses and Epidemiology Combined Study | To perform an epidemiological study at 5-6 selected locations in Mission Bay. | City of San Diego / SCCWRP | 2001-174 Tecolote Creek | 10/10/01 | $700,000 | 2 years starting ~spring 2002 | Mission Bay, Penasquitos HU | 906.30, 906.40 & 906.50 | Rebecca Stewart | Lesley Doblian & Christina Arias,WQS | Data collection phase completed. Project has moved into the data analysis phase. |
| SEP03-001 | Water Quality Testing Lab at Shorecliffs Middle School | Establish a water quality testing laboratory at Shorecliffs Middle School in San Clemente. | Surfrider Foundation-San Clemente Chapter | R9-2003-0037 SCWD | 3/12/03 | $6,834 | Summer 2003 thru June 2004 | San Juan HU | 901.30 | Rebecca Stewart | unknown | Ocean water testing lab has been set up at the school and students have been collecting water samples twice a week. Quarterly status reports due. |
| SEP03-002 | Water Quality Testing Program at Laguna Beach High | Conintuation of a beach water testing program at Laguna Beach High School. | Surfrider Foundation-San Clemente Chapter | R9-2003-0037 SCWD | 3/12/03 | $3,206 | September 2003 through May 2004 | San Juan HU | 901.10 | Rebecca Stewart | unknown | Weekly water samples are being collected and sample in the classroom lab. Quarterly status reports due. |

ATTACHMENT B-16

| SEP No. | PROJECT TITLE | PROJECT OBJECTIVE | PROJECT TRUSTEE | ACL Order | Date Adopted | SEP AMOUNT | DURATION | WATERSHED | | REGIONAL BOARD | | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Hydrologic Unit | | CAU Contact | Technical staff Contact | |
| SEP03-003 | Community Kelp Restoration Project | Reforstation of giant kelp in areas along the Orange County Coast. | Orange County Coastkeeper | R9-2003-0037 SCWD | 3/12/03 | $45,000 | January 2004 through October 2004 | San Juan HU | 901.00 | Rebecca Stewart | unknown | Commencement of this phase of project to begin October 2004. Four sites have been identified. Preliminary monitoring is being conducted while permits are obtained. Quarterly status reports due. |
| SEP03-004 | Agua Hedionda Lagoon Foundation Environmental Enhancement Account | Promote the Foundation's mission to conserve, restore, and enhance the natural resources of t Agua Hedionda Lagoon. | Agua Hedionda Lagoon Foundaion | R9-2003-0253 Shea Homes | 8/13/03 | $40,000 | August 2004 to February 2005 | Carlsbad HU | 904.30 | Vicente Rodriguez | Unknown | Foundation has 18 months to completely expend the resources on water quality Quarterly status reports due. |
| | | | **Total** | | | **$1,763,940** | | | | | | |

**Recently Completed Projects**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEP00-002 | Stormdrain Sediment Trap at Famosa Slough 30 | Construction of a sediment and trash collection pond to minimize future sedimentation, removal of sediments deposited by the stormdrain and invasive trees encroaching on wetland area. Revegetation of the restored wetland. | City of San Diego | 2000-103 Adobe Falls | 10/11/00 | $132,000 | 23 months | Mission San Diego, San Diego River HU | 907.11 | Rebecca Stewart | not assigned | Project completed May, 2003. $20,000 of SEP monies designated for on-going maintenance consisting of weed abatement and replacing dead plants until funds are expended |
| SEP00-010 | San Diego River Nutrient Study | To investigate the role of nutrient flow across the sediment-water interface in various sections of the San Diego River. | City of San Diego | 2000-103 Adobe Falls | 10/11/00 | $250,000 | 30 months | San Diego River | 907.11 | Rebecca Stewart | David Gibson, WPNU and Jimmy Smith, WQS | Final report and final account have been received. |
| SEP00-009 | Beach Valuation Project | Develop an easily used mathematical model for the valuation of beaches using beach attendance data, beach characterization, and a beach user survey to enable calculation of the number of dollars lost per person per day when a beach in San Diego is closed. | City of San Diego / Santa Monica Bay Restoration [Project] Foundation | 2000-103 Adobe Falls | 10/11/00 | $262,500 | 24 months 1 year starting 1/01?? | Pacific Ocean | 906.10, 906.30, 906.40, 906.50, 907.11 & 908.10 (City of San Diego beaches) | Rebecca Stewart | Lesley Doblian & Christina Arias,WQS | Project not started in time to complete by requied deadline. The original $262,500 plus $11,877.69 in interest returned to the State on September 12, 2003. |

| SEP No. | PROJECT TITLE | PROJECT OBJECTIVE | PROJECT TRUSTEE | ACL Order | Date Adopted | SEP AMOUNT | DURATION | WATERSHED | | REGIONAL BOARD | | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Hydrologic Unit | | CAU Contact | Technical staff Contact | |
| SEP01-005 | Cottonwood Creek Urban Runoff Assessment and Action Plan | Assess the risk factors associated with various land uses or urban activities and determine corrective or mitigative action plan to decrease the adverse impacts of urbanization. | Encinitas Ranch, L.L.P. / City of Encinitas | 2001-173 Encinitas Ranch | 10/10/01 | $41,575 | 5 months | Batiquitos, Carlsbad HU | 904.51 | Vicente Rodriguez | Eric Becker, WPNU | Final report submitted |
| SEP01-005 | Storm water workshops (8) | Education of contractors, developers, and municipal inspectors of the Construction Stormwater regulations. | Encinitas Ranch, L.L.P. | 2001-173 Encinitas Ranch | 10/10/01 | $14,000 | by January 15, 2002 | Batiquitos, Carlsbad HU | 904.51 | Vicente Rodriguez | Eric Becker, WPNU | Final report submitted |
| SEP01-006 | Fallbrook Land Conservancey | $50,000 donation to the Fallbrook Land Conservancy. | Fallbrook Land Conservancy | 2001-355 Centex Homes/ Arthur Appleton | 12/12/01 | $50,000 | by January 11, 2002 | San Luis Rey HU | 906.20 | Rebecca Stewart | Laurie Walsh, Site Migitation | Land conservancy provided Regional Board documentation on how funds were spent. |
| SEP 01-009 | Line E Mitigation Wetlands | Construction of water quality wetlands and potential recharge area adjacent to Murietta Creek. | William Johnson/ Latham & Watkins | R9-2002-0007 North Plaza LLC | 1/9/02 | $45,000 | Summer 2002 and completed by October 15, 2002. | Murietta HAS | 902.32 | Frank Melbourn | Eric Becker, WPNU | W. Johnson paid liability to the CA Account. State Board denied funding for SEP project. |
| SEP00-008 | Natural Resources Restoration Master Plan for the San Diego River in the 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. | City of San Diego | 2000-103 Adobe Falls | 10/11/00 | $430,000 | 24 months +5 yrs maintenance | Mission San Diego, San Diego River HU | 907.11 | Rebecca Stewart | not assigned | Project now in 5 year on-going maintenance program. Quarterly status reports due. |
| SEP01-006 | Mission Bay Contaminant Dispersion Study | To identify how contaminants move within the eastern portion of Mission Bay. | City of San Diego / SCRIPPS Inst | 2001-174 Tecolote Creek | 10/10/01 | $400,000 | 20 months?? 1 year starting ~spring 2002?? | Mission Bay, Penasquitos HU | 906.30, 906.40 & 906.50 | Rebecca Stewart | Lesley Doblian & Christina Arias,WQS | Project completed May 2003. City submitted Final report in Nov 2003- under review by TMDL unit. |
| | | | | | | $1,569,500 | | | | | | |

# CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
# SAN DIEGO REGION

## Quarterly Progress Report to the State Water Resources Control Board Pursuant to SWRCB Resolution No. 2001-309

## *Caulerpa taxifolia* Eradication and Prevention Activities
## October – December 2003

### I. Eradication Activities

Complete surveys of Agua Hedionda Lagoon (AHL) and Huntington Harbour (HH) were conducted during the reporting period. No *Caulerpa taxifolia* was found at either location. No *C. taxifolia* has been detected in AHL since September 2002 or in HH since November 2002.

While the results of eradication efforts remain encouraging, even with intensive surveys it can be difficult to find *C. taxifolia* (due to turbidity, eelgrass, and other factors), as illustrated by the results of survey efficacy studies. The rates of success at finding artificial *C. taxifolia* during efficacy studies ranged from 40% to 100%. The Southern California *Caulerpa* Action Team (SCCAT) is continuing to evaluate the results of the efficacy studies to determine when these two systems can be declared free of *C. taxifolia*. It is vital to continue surveillance efforts throughout California and other coastal waters to ensure that *C. taxifolia* is eradicated at AHL and HH and that other infestation sites do not exist.

SCCAT continued work on developing a diver training and certification program to certify divers (other than those working for eradication contractors) in *C. taxifolia* surveillance methodologies. Certification will likely be performed by the California Department of Fish and Game (CDFG) and/or National Oceanic and Atmospheric Administration (NOAA), and will last for 2-3 years. Existing survey requirements for dredging and other underwater work will be modified to require that surveys be conducted by certified divers in accordance with methodologies developed by SCCAT.

### II. Prevention Activities

The San Diego Regional Water Quality Control Board (SDRWQCB) continued to work with UC Cooperative Extension to finalize a scope of work for an outreach and education program, which will be funded through grants obtained by the Agua Hedionda Lagoon Foundation (AHLF). Also during this quarter, SDRWQCB participated in a number of outreach activities, including presentations at the Headwaters to Oceans conference in Long Beach in October 2003 and the Nonpoint Source Conference in Ventura in November 2003. Continuation of outreach efforts is critical to prevention and detection of future infestations.

### III. Research Activities

Merkel & Associates (the eradication contractor) will conduct an assessment of the biological and physical characteristics associated with the tarps used to contain and treat *C. taxifolia*. Data will be collected and analyzed from the environments associated with the tarps, including on the rate of sediment deposition, eelgrass growth, and biota on and

around the tarps. Similar information will also be collected from "control" areas for comparison.

A contract between SWRCB and USDA to develop eradication methods for use in high-energy coastal environments was signed by USDA and returned to SWCRCB for final approval. The project is funded through $600,000 of Clean Water Act section 319(h) funds, and SDRWQCB will act as the contract manager for this project.

**IV. Funding**

To date, much of the funding for eradication efforts at AHL and HH has been provided by Cleanup and Abatement Account (C/A) grants awarded by the SWRCB. SARWQCB continued to work with SWRCB and Merkel & Associates to ensure appropriate invoicing and timely payment from C/A grant #181(A) to Santa Ana Regional Water Quality Control Board (SARWQCB). Likewise, SDRWQCB continued to work with SWRCB, the City of Carlsbad, and Merkel & Associates to ensure appropriate invoicing and timely payment from C/A grant #195 to the City. All of the remaining funds from C/A grant #195 were expended in the October - December 2003 quarter.

SDRWQCB continued to work with AHLF and the State Coastal Conservancy (SCC) to develop a work program that must be completed to enable use of $1.3 million in grant funding obtained by AHLF from the SCC through the Southern California Wetlands Recovery Project to continue work related to *C. taxifolia.*

By SWRCB letter dated November 21, 2003, AHLF was notified that it should begin contract preparation for a $600,000 Clean Water Act section 319(h) grant to continue *C. taxifolia* eradication work.

A Proposition 13 grant proposal submitted to SWRCB by CDFG was recommended for funding under the Watershed Protection Program. The grant would allow for continued eradication and prevention work and would enable resumption of surveillance in "high risk" areas where infestations could be present. Final SWRCB approval of the CDFG grant proposal is expected in February 2004.

**V. Oversight**

The SDRWQCB and SARWQCB continued to participate in the SCCAT. SDRWQCB continued to chair and prepare agendas and minutes for SCCAT meetings. The primary responsibility of SCCAT is to oversee eradication efforts and provide guidance on related work. During the reporting period, a SCCAT meeting was held on November 21, 2003 in San Diego.

In October 2003, at the recommendation of SCCAT, the City of Carlsbad City Council amended the AHL Interim Management Plan (IMP) to allow resumption of personal watercraft (jet ski) usage in the Snug Harbor portion of AHL. SCCAT determined that this use would not interfere with *C. taxifolia* eradication work. The IMP provides for prohibition of certain recreational activities and restrictions on other recreational activities in order to facilitate *C. taxifolia* eradication work in AHL.