

**California Regional Water Quality Control Board**  
**San Diego Region**  
**David Gibson, Executive Officer**



**Executive Officer's Report**  
**May 9, 2012**

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**The May report for the Tentative Schedule of Significant NPDES Permits, WDRs, and Actions and the attachments noted on page 1 are included at the end of the report.**

## **Part A – San Diego Region Staff Activities**

### **1. Personnel Report**

*Staff Contact: Lori Costa*

The Organizational Chart of the San Diego Water Board can be viewed at [http://www.waterboards.ca.gov/sandiego/about\\_us/org\\_charts/orgchart.pdf](http://www.waterboards.ca.gov/sandiego/about_us/org_charts/orgchart.pdf)

#### Recent Hires

Sheila Christine McQuaid-Moran, a Staff Services Analyst, began working on April 23, 2012, in the Business Services Support Unit. She comes to the San Diego Water Board with 10 years of analytical experience. She previously worked as a Workers' Compensation Insurance Technician with State Compensation Insurance Fund in San Diego.

#### Departures

Catherine Henning, a Water Resource Control Engineer in the Monitoring Assessment and Research Unit, left state service on April 4, 2012. She started work with the San Diego Water Board as a Student Assistant five years ago. She set a goal and plans to dedicate her time and energies to reconnecting with the food, water, and energy systems required for our survival, to make sustainability a real and easy option for everyone.

#### Recruitment

Recruitment is ongoing for Water Resource Control Engineer and Senior Engineering Geologist. We hope to announce appointments for those positions in May or June.

Follow this link to see the announcements.

[http://www.spb.ca.gov/employment/wvpos\\_index.htm](http://www.spb.ca.gov/employment/wvpos_index.htm).

Vacant positions for the State and Regional Boards are also posted on the State Board web page at [http://www.waterboards.ca.gov/about\\_us/employment/](http://www.waterboards.ca.gov/about_us/employment/).

### **2. Southern California Wetlands Recovery Project**

*Staff Contact: Bruce Posthumus*

The Board of Governors of the Southern California Wetlands Recovery Project (WRP) met on April 26, 2012 in Los Angeles. Chair Grant Destache and executive officer Dave Gibson represent the San Diego Water Board on the Board of Governors.

At its April 26 meeting, the WRP Board of Governors:

- Adopted the 2012 WRP Work Plan;

- Directed the WRP Wetlands Managers Group to request proposals for additional projects to be added to the WRP Work Plan;
- Directed the WRP Wetlands Managers Group to develop an in-lieu fee program for funding projects on the WRP Work Plan; and
- Discussed how to ensure adequate and stable funding for a regional wetlands assessment program.

The San Diego Water Board is one of a number of state and federal agencies that are part of the WRP. The WRP works cooperatively with local governments, businesses, non-profit organizations, scientists, and other stakeholders to protect and restore coastal, riparian, and other wetlands in coastal watersheds of southern California, from Point Conception to the Mexican border.

The WRP Work Plan consists of a vetted list of projects for (a) acquisition of wetlands for protection and restoration, (b) wetlands restoration planning and design, and (c) on-the-ground wetlands restoration. WRP participating agencies work to obtain funding and provide other support for development and implementation of projects on the WRP Workplan.

The Board of Governors (made up of high level representatives of participating agencies) is the decision-making body of the WRP. The WRP Science Advisory Panel (made up of scientists with wetlands expertise) and the WRP Wetlands Managers Group (made up of staff from participating agencies) advise the Board of Governors. Bruce Posthumus represents the San Diego Water Board on the Wetlands Managers Group. The California Coastal Conservancy provides staffing for the WRP.

The WRP website (which is not up-to-date) is at: <http://www.scwrp.org/index.htm>.

## Part B – Significant Regional Water Quality Issues

### 1. South Bay International Wastewater Treatment Plant April 4, 2012, Sewage Spill

*Staff Contact: Chantry Davis and Ben Neill*

At midnight on April 4, 2012, a software problem with the newly installed control system caused the influent pump station at the International Boundary and Water Commission's (IBWC) South Bay International Water Treatment Plant (IWTP) to shut down, which resulted in a 2 million gallon spill of raw sewage to the Tijuana River.



Figure 1: Tijuana River upstream of Dairy Mart Road Bridge. April 5, 2012

The IWTP treats wastewater originating from Tijuana, Mexico to minimize or prevent pollution and contamination of the Tijuana River, the Tijuana River Valley and Estuary, and south San Diego beaches. The “programmable logic controller” failure at the IWTP headworks pump station was reportedly not noticed until the shift operator made his routine rounds at approximately 3 AM. No alarms occurred, as the alarms were tied to the new control system. During the 3 hours that the headworks pump station was off line, flow filled the wet well and backed up to the 18 inch Stewart’s Drain collector line, and flowed “uphill” into Stewart’s Drain and the Tijuana River. Once the problem was discovered, the operator contacted authorities in Mexico and asked that all sewage flow be diverted to the City of Tijuana’s collection system until a resolution could be found.



Figure 2: Pump motors showing high water mark at vents on top of motors. April 5, 2012

IBWC also asked Mexico to shut down their Tijuana River Diversion Pump Station that usually diverts secondary effluent quality river water to the IWTP, in order to maintain adequate pumping capacity with the damaged IWTP headworks pumps. Mexico will not resume operation of the River Diversion System until it is certain that IWTP headworks capacity is fully restored. For this reason, there will be flow in the Tijuana River continuing for some days to come.

When the headworks pump station control program failed, water backed up in the wet well approximately 10 feet, flooding the influent pumps and motors. Water rose almost to the vents on top of the motors. Two of the influent pumps (No. 1 and No. 6) remain operational, though there is no standby pump, and it cannot be determined how long the two pumps will operate. Veolia Water North America (Veolia), the contracted operator of the IWTP, is hastening to change oil on the pumps (No 3, No 5 and No 6 completed), and has begun removing pump motors to have them cleaned and “baked” and returned to service. It may take weeks to complete this process, depending on the level of damage done to the motors. In the interim, Veolia will be able to maintain full operation of the IWTP with the two operating pumps.

Currently the programmable logic controller has been reprogrammed to prevent a future failure and a tie between the controller and a standby has been made. Also, an audible alarm has been installed on the wet well lever as another preventative measure to warn the operator of a failure.

The San Diego Water Board was notified by Veolia about the spill at approximately 4 PM on April 4, 2012. Veolia also notified Office of Emergency Services in Sacramento earlier. The San Diego Water Board Core Regulatory Unit conducted an inspection of the facility on April 5, 2012 and recommended that once full operation is restored, IBWC install an audible alarm

system in the headworks wet well that is independent of the computerized control system and that IBWC review all key alarm systems to determine if a similar "back up" independent alarm system is needed elsewhere.

## **2. Update – Groundwater Cleanup, Former Ketema Facility, El Cajon**

*Staff Contact: Brian McDaniel*

AMETEK Inc. is under a cleanup and abatement order to cleanup a chlorinated solvent plume in groundwater originating from the former Ketema Facility at 790 Greenfield Drive in El Cajon. The facility has been used since the 1950s for aerospace manufacturing. Concentrations of solvents in groundwater are above drinking water standards in both on- and off-site wells.

Since the last Executive Officer's Report update in February 2011 AMETEK has installed six new monitoring wells along the western boundary of the site, implemented an in-well fluorescent dye tracer study, sampled and analyzed sub-slab soil vapor at the facility, and completed a pilot study of different remedial technologies to evaluate options for cleanup at the facility. The new monitoring wells may also be used as groundwater extraction wells, as part of an interim remedial action. The in-well fluorescent dyes tracer study will allow AMETEK to evaluate hydraulic connectivity along preferential groundwater flow pathways, and assess potential mechanisms for contaminant transport from the former Ketema Facility. This study will take several months to complete. Sub-slab soil vapor analytical samples were collected beneath buildings at the site. Third quarter 2011 soil vapor samples indicated Trichloroethylene and 1,1-Dichloroethylene detections were generally the same or lower than those observed during the previous sampling event in June 2011. Tetrachloroethylene was detected at all sub-slab locations at levels the same or slightly higher than those observed during the previous event in June 2011. These concentrations remain below any health-based risk levels. The pilot study involved biological and chemical oxidation testing in laboratory and field settings. Testing results will be used to evaluate applicable remedial technologies that could be used at the facility to intercept polluted groundwater to eliminate or greatly reduce off-site groundwater migration.

This year, AMETEK will construct and implement a full-scale groundwater extraction system which will utilize air stripping and ultraviolet oxidation to remove contaminants from groundwater at the facility. Treated groundwater currently disposed to an on-site sewer system will be discharged to an infiltration gallery in the northeastern portion of the facility as a potential long term disposal option. Other activities for 2012 include regular groundwater monitoring along with continued monitoring of tracer study wells.

### 3. Enforcement Actions for April 2012

*Staff Contact: Jeremy Haas*

During the month of April 2012, the San Diego Water Board initiated the following enforcement actions:

<b>April 2012 Enforcement Actions</b>	<b>Number</b>
Expedited Payment Program for Mandatory Administrative Civil Liabilities	4
Notice of Noncompliance with Storm Water Enforcement Act	1
Staff Enforcement Letters	8
<i>Total</i>	13

A summary of recent regional enforcement actions is provided below. Additional information on violations, enforcement actions, and mandatory minimum penalties is available to the public from the following on-line sources:

State Water Board Office of Enforcement webpage at:

[http://www.waterboards.ca.gov/water\\_issues/programs/enforcement/](http://www.waterboards.ca.gov/water_issues/programs/enforcement/).

California Integrated Water Quality System (CIWQS)

[http://www.waterboards.ca.gov/water\\_issues/programs/ciwqs/publicreports.shtml](http://www.waterboards.ca.gov/water_issues/programs/ciwqs/publicreports.shtml).

State Water Board GeoTracker database:

<https://geotracker.waterboards.ca.gov/>.

#### **Expedited Payment Program for Mandatory Administrative Civil Liabilities**

##### South Orange County Wastewater Authority (SOCWA), Coastal Treatment Plant

Order No. R9-2012-0016 was issued on April 25, 2012, by the Executive Officer to endorse SOCWA's participation in the Expedited Payment Program. To resolve one effluent limitation violation of Order No. R9-2006-0055, SOCWA has agreed to pay the \$3,000 mandatory minimum penalty required by Water Code section 13385. The Order was issued after a 30-day public comment period during which no comments were received.

##### South Orange County Wastewater Authority (SOCWA), Latham Wastewater Treatment Plant

Order No. R9-2012-0023 was issued on April 25, 2012, by the Executive Officer to endorse SOCWA's participation in the Expedited Payment Program. To resolve one effluent limitation violation of Order No. R9-2006-0054, SOCWA has agreed to pay the \$3,000 mandatory minimum penalty required by Water Code section 13385. The Order was issued after a 30-day public comment period during which no comments were received.

City of San Diego, Point Loma Metropolitan Wastewater Treatment Plant

Order No. R9-2012-0020 was issued on April 25, 2012, by the Executive Officer to endorse the City of San Diego's participation in the Expedited Payment Program. To resolve two effluent limitation violations of Order No. R9-2002-0025, the City of San Diego has agreed to pay the \$6,000 mandatory minimum penalty required by Water Code section 13385. The Order was issued after a 30-day public comment period during which no comments were received.

Sea World San Diego

Order No. R9-2012-0008 was issued on April 25, 2012, by the Executive Officer to endorse Sea World LLC's participation in the Expedited Payment Program. To resolve two effluent limitation violations of Order No. R9-2005-0091, Sea World, LLC has agreed to pay the \$6,000 mandatory minimum penalty required by Water Code section 13385. The Order was issued after a 30-day public comment period during which no comments were received.

**Notice of Noncompliance with Storm Water Enforcement Act of 1998**Angelica Health Care Services, San Diego

A Notice of Noncompliance was sent on April 25, 2012, to Angelica Health Care Services for failure to enroll in the statewide General Industrial Storm Water Permit Order No. 97-03-DWQ. The Notice is the first to inform the discharger that, pursuant to Water Code section 13399.30(a)(2), failure to enroll will subject it to mandatory penalties. A second Notice will be sent after 30 days if the discharger fails to enroll. If a Notice of Intent to enroll is not submitted within 30 days of the second Notice, the violation will be subject to a mandatory penalty of not less than \$5,000 per year of noncompliance plus staff costs pursuant to Water Code section 13399.33.

**Staff Enforcement Letters (SEL)**Ariel Suites, L.P., Ariel Suites Construction Dewatering Project, San Diego

An SEL was issued to the Ariel Suites, L.P., on April 9, 2012, for ten violations of the copper, nickel, tetrachloroethylene, total suspended solids, acute toxicity, and chronic toxicity effluent limitations in Order No. R9-2007-0034 that occurred in March 2012. Most of the violations are subject to mandatory minimum penalties of \$3,000 each pursuant to Water Code sections 13385(h) and (i).

Whispering Palms Community Services District, Encinitas

An SEL was issued to the Whispering Palms Community Services District on April 10, 2012, for two violations of the 30-day average discharge specification for total dissolved solids in Order No. 94-80 that occurred in January and June 2011.

All Seasons RV Park and Campground, Escondido

An SEL was issued to All Seasons RV Park and Campground on April 17, 2012, for two violations of the daily maximum discharge specifications for total suspended solids and boron in Order No. 94-05 that occurred in June 2011.



Carlsbad Municipal Water District, Water Recycling Facility

An SEL was issued to the Carlsbad Municipal Water District on April 10, 2012, for seven violations of the daily maximum effluent limitation for manganese in Order No. 2001-0352 that occurred in October and November 2011.

Oak Tree Ranch, Inc., Community Wastewater Treatment and Disposal Facility

An SEL was issued to Oak Tree Ranch, Inc. on April 17, 2012, for one violation each of the daily maximum and 12-month average discharge specifications for total nitrogen in Order No. R9-2007-0046 that occurred in February and August 2011.

San Diego Zoo Safari Park, Sewage Treatment Plant

An SEL was issued to the San Diego Zoo Safari Park on April 3, 2012, for one violation of the daily maximum effluent limitation for biochemical oxygen demand in Order No. 99-04 that occurred in December 2011.

Skyline Ranch Country Club, Wastewater Treatment Plant

An SEL was issued to the Skyline Ranch Country Club on April 10, 2012, for eight violations of discharge specifications in Order No. R9-2005-0258 that occurred between January 2010 and December 2011. Violated specifications include the 12-month and daily maximum limits for total nitrogen and iron and the 12-month average limit for methylene blue activated substances.

Southern California Edison, San Onofre Nuclear Generating Station

An SEL was issued to Southern California Edison on April 20, 2012, for eight late reporting violations of Orders No. R9-2005-0005 and R9-2005-0006 that occurred in February 2012.

#### **4. Clean Water Act Section 401 Water Quality Certification Actions Taken from January to March 2012 (Attachment B-4)**

*Staff Contact: Chiara Clemente*

Section 401 of the Clean Water Act (CWA) requires that any person applying for a federal permit which may result in a discharge of pollutants into waters of the United States obtain a water quality certification that the specific activity complies with all applicable state water quality standards, limitations, requirements, and restrictions. The most common federal permit that requires a 401 Certification is a CWA Section 404 permit, most often issued by the Army Corps of Engineers, for the placing of fill (sediment, rip rap, concrete, pipes, etc.) in waters of the U.S. (i.e. Ocean, bays, lagoons, rivers and streams).

Upon receipt of a complete 401 Certification application, the San Diego Water Board may either certify the project or deny certification, with or without prejudice. In cases where there are impacts to waters of the U.S., the San Diego Water Board may issue a conditional certification. The certification can be either in the form of a conditional certification document approved by the Executive Officer, or Waste Discharge Requirements (WDRs) adopted by the San Diego Water Board. In the case where a federal permit is not required because impacts have been determined to be only to waters of the State, the San Diego Water Board may adopt WDRs.

Table B-2 (attached) contains a list of actions taken during the months of January, February, and March 2012.

Starting in July 2011, some revisions have been made to the reporting tables. In an attempt to measure Tier 4 (Environmental) outcomes related to this program, the first page of the report now includes a table that summarizes the total impacts to jurisdictional waters, and proposed mitigation, for the individual months and quarter. The resulting information, however, remains an imprecise measure of the actual conditions. For example, the data can be skewed depending on what is considered “self-mitigating” and how mitigation is categorized (i.e. establishment, restoration, or enhancement). More importantly, the data relies on the assumption that all the mitigation required is implemented and successful, and does not take into consideration any additional impacts resulting from illegal fill activities. The San Diego Water Board will continue to evaluate more precise methods of reporting actual Tier 4 outcomes, in this and other programs.

Public notification of pending 401 Water Quality Certification applications can be found on the San Diego Water Board's web site at:

[http://www.waterboards.ca.gov/sandiego/water\\_issues/programs/401\\_certification/index.shtml](http://www.waterboards.ca.gov/sandiego/water_issues/programs/401_certification/index.shtml) .

Certifications issued since January 2008 can also be found on our web site at:

[http://www.waterboards.ca.gov/sandiego/water\\_issues/programs/401\\_certification/401projects.shtml](http://www.waterboards.ca.gov/sandiego/water_issues/programs/401_certification/401projects.shtml).

For a complete list of State-issued general orders, please refer to

[http://www.waterboards.ca.gov/water\\_issues/programs/cwa401/generalorders.shtml](http://www.waterboards.ca.gov/water_issues/programs/cwa401/generalorders.shtml).

## **Part C – Statewide Issues of Importance to the San Diego Region**

### **1. Policy for Wetland Area Protection and Dredge and Fill Permitting**

*Staff Contact: Chiara Clemente*

The State Water Board released a preliminary draft of the “Water Quality Control Policy for Wetland Area Protection and Dredge and Fill Permitting” (Draft Policy) on March 9, 2012 for public review. The Draft Policy is available at

[http://www.waterboards.ca.gov/water\\_issues/programs/cwa401/docs/wrapp/policy\\_draft.pdf](http://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/wrapp/policy_draft.pdf).

The purpose of the Draft Policy is to:

- Bring a uniform regulatory approach between the California Water Boards and other permitting agencies by establishing procedures and criteria for the application, review, and approval of permits to discharge dredge or fill material to federal and non-federal waters of the State;

- Achieve no overall net loss and a long-term net gain in the quantity, quality, and diversity of waters of the State, including wetlands; and
- Provide a common framework for wetland and riparian area monitoring and assessment to inform regulatory decisions, and ensure consistency with statewide environmental reporting programs.

The Draft Policy establishes a definition of wetlands based on the presence of hydrology and hydrophytic soils that recognizes the diversity of wetlands in the State created by the varied climate, geology, and cultural influences. The Draft Policy also defines a statewide methodology for determining the boundaries of wetland areas using methods described in three federal documents referred to as “1987 Manual and Supplements.”

The Draft Policy provides that California Water Boards will use a 3-level monitoring and assessment framework endorsed by the California Water Monitoring Council, to evaluate progress towards meeting the State’s “No-Net-Loss Policy” for wetlands including tracking the number of acres, and linear feet (where appropriate) of waters filled and of waters created by compensatory mitigation projects. The Draft Policy also includes procedures applicable to discharges of dredged or fill material that provide an approach to evaluate avoidance and minimization of project impacts and determine compensatory mitigation requirements for losses of aquatic resources.

The State Water Board will be scheduling workshops, and receiving public comments on the Draft Policy in the upcoming months. For more information and up-to-date notifications, interested parties can subscribe to the lyris e-mail list on the “Wetland and Riparian Area Protection Policy” at [http://www.waterboards.ca.gov/resources/email\\_subscriptions/swrcb\\_subscribe.shtml](http://www.waterboards.ca.gov/resources/email_subscriptions/swrcb_subscribe.shtml).

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN DIEGO REGION

Significant NPDES Permits,  
WDRs, and Actions of the  
San Diego Water Board

May 9, 2012

APPENDED TO EXECUTIVE OFFICER'S REPORT

**DATE OF REPORT**  
**May 1, 2012**

**TENTATIVE SCHEDULE**  
**SIGNIFICANT NPDES PERMITS, WDRS, AND ACTIONS**  
**OF THE SAN DIEGO WATER BOARD**

<b>Action Agenda Item</b>	<b>Action Type</b>	<b>Draft Complete</b>	<b>Written Comments Due</b>	<b>Consent Item</b>
<b>June 13, 2012</b> <i>San Diego Water Board Office</i>				
Storm Water Capture Opportunities ( <i>Walsh</i> )	Information Item	NA	NA	NA
Information Item on the Regional Strategic Monitoring Framework ( <i>Posthumus/Busse</i> )	Information Item	25%	NA	NA
Waste Discharge Requirements, Jonas Salk Elementary School ( <i>Monji</i> )	New WDRs	90%	18-Apr-12	Yes
NPDES Permit Amendment for the City of Oceanside Brine Discharge from the San Luis Rey Treatment Plant to the Oceanside Ocean Outfall ( <i>Lim</i> )	Permit Amendment	100%	16-Apr-12	Yes
NPDES Permit Amendment for the Camp Pendleton Water Treatment Facility Brine Discharge to the Oceanside Ocean Outfall ( <i>Lim</i> )	Permit Amendment	100%	16-Apr-12	Yes
Total Maximum Daily Load for Sediment to Los Penasquitos Lagoon ( <i>Loflen</i> )	Hearing: Basin Plan Amendment	100%	2-Apr-12	No
Reissuance of General Permit for Closed, Abandoned, Inactive Landfills ( <i>Grove</i> )	Updated Waste Discharge Requirements	100%	Mar. 14, 2012	No
New General Permit for Closed, Abandoned, Inactive Burn Sites ( <i>Grove</i> )	New Waste Discharge Requirements	100%	Mar. 14, 2012	No
Amendment Increasing Kinder Morgan Energy Partners Flow Rate of Treated Groundwater ( <i>Neill</i> )	Permit Enrollment Amendment	50%	3-Apr-12	No
<b>July 2012</b> <i>No Meeting Scheduled</i>				
<b>August 8, 2012</b> <i>San Diego Water Board Office</i>				
Information Update on the State Water Board's Policy for Onsite Wastewater Treatment Systems ( <i>Osibodu</i> )	Information Item	NA	NA	NA
Information Update on Bight 2008 Monitoring Results ( <i>Haas</i> )	Information Item	NA	NA	NA
New NPDES Permit for the Camp Pendleton Water Treatment Facility Brine Discharge to Sub-Surface Disposal at the Beach ( <i>Morris</i> )	New NPDES Permit	10%	TBD	Yes
Rescission of Six WDRs for sand and gravel/asphalt batch concrete grinding facilities ( <i>Tobler</i> )	WDRs Rescission	15%	30-Jun-12	Yes
Former Texaco and Former Shell Service Stations on Rancho Santa Fe Road, Driscoll's West Boat Repair, and South Bay Power Plant ( <i>Morris</i> )	WDRs Rescission	100%	30-Jun-12	Yes
Administrative Civil Liability against City of Oceanside, Haymar Line Sanitary Sewer Overflow ( <i>Means</i> )	Administrative Civil Liability	50%	TBD	No

## CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION ACTIONS FOR THE PERIOD OF JANUARY 1, 2012 THROUGH MARCH 31, 2012

Reporting Period	Certification Applications Received	Certifications Issued <sup>1</sup>	Enrollment in State Certifications <sup>2</sup>	Certifications Time Expired <sup>3</sup>	Certification Amendments <sup>4</sup>	Certification Withdrawals <sup>5</sup>	Certification Denials Issued <sup>6</sup>
January	5	4	0	3	0	0	0
February	9	3	1	6	2	1	1
March	15	0	1	1	3	0	0
<b>QUARTERLY TOTAL</b>	<b>29</b>	<b>7</b>	<b>2</b>	<b>10</b>	<b>5</b>	<b>1</b>	<b>1</b>
<b>YTD TOTALS</b>	<b>29</b>	<b>7</b>	<b>2</b>	<b>10</b>	<b>5</b>	<b>1</b>	<b>1</b>

Reporting Period	Permanent Impacts <sup>7</sup> (Acres)	Temporary Impacts <sup>7</sup> (Acres)	Establishment Mitigation <sup>8</sup> (Acres)	Restoration Mitigation <sup>9</sup> (Acres)	Enhancement Mitigation <sup>10</sup> (Acres)	Preservation Mitigation <sup>11</sup> (Acres)
January	10.48	2.06	23.64	3.66	17.15	0.00
February	0.25	0.08	0.19	19.22	0.35	0.21
March	0.40	0.11	0.00	0.00	0.00	0.00
<b>QUARTERLY TOTAL</b>	<b>11.13</b>	<b>2.24</b>	<b>23.83</b>	<b>22.88</b>	<b>17.50</b>	<b>0.21</b>

- Certifications can be low impact, conditional, or programmatic. Low impact certifications are issued to projects that have minimal potential to adversely impact water quality. Conditional certifications are issued to projects that have the potential to adversely impact water quality, but by complying with technical conditions, will have minimal impacts. Programmatic certifications are conditional certifications issued to projects with like, recurring, or long-term impacts, thereby requiring continuous oversight.
- In cases where the State Water Resources Control Board has issued a programmatic certification (State Certification), the Regional Water Boards are responsible for reviewing projects in their area to confirm whether they qualify for enrollment in the programmatic certifications.
- Time Expired refers to projects that may proceed due to the lack of an action by the San Diego Water Board within specified regulatory timelines.
- Amendments are revisions to certifications that have been issued.
- Withdrawn refers to projects that the applicant or San Diego Water Board have withdrawn due to procedural issues not corrected within one year.
- Denials are issued when a project will adversely impact water quality and suitable mitigation measures are not proposed or possible.
- Permanent impacts (P) result in a permanent fill or loss of wetland function and value. Temporary impacts (T) are expected to return to their original condition within one year.
- Establishment is defined as the creation of vegetated or unvegetated waters of the United States and/or State where the resource has never previously existed (e.g. conversion of nonnative grassland to a freshwater marsh).
- Restoration is divided into two activities, re-establishment and rehabilitation. Re-establishment is defined as the return of natural/historic functions to a site where vegetated or unvegetated waters of the United States and/or State previously existed (e.g., removal of fill material to restore a drainage). Rehabilitation is defined as the improvement of the general suite of functions of degraded vegetated or unvegetated waters of the United States and/or State (e.g., removal of a heavy infestation or monoculture of exotic plant species from jurisdictional areas and replacing with native species).
- Enhancement is defined as the improvement to one or two functions of existing vegetated or unvegetated waters of the United States and/or State (e.g., removal of small patches of exotic plant species from an area containing predominantly natural plant species).
- Preservation is defined as the acquisition and legal protection from future impacts in perpetuity of existing vegetated or unvegetated waters of the United States and/or State (e.g., conservation easement).

**CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION ACTIONS  
FOR THE PERIOD OF JANUARY 1, 2012 THROUGH MARCH 31, 2012**

<b>DATE</b>	<b>APPLICANT</b>	<b>PROJECT TITLE</b>	<b>PROJECT DESCRIPTION</b>	<b>WATERBODY</b>	<b>IMPACT (Acres)<sup>1</sup></b>	<b>MITIGATION (Acres)<sup>1</sup></b>	<b>CERTIFICATION ACTION<sup>2</sup></b>
1/2/2012	Naval Base Point Loma	Jet-Dock Installation at Naval Base Point Loma	The project consists of attaching two plastic interlocking boat dock systems to the existing mammal pier. The systems are designed to moor small water craft out of the water when not in use to reduce maintenance time and costs associated with the removal of marine growth on the vessel hull.	Pacific Ocean Point Loma HSA (908.10)	(P) 0.05-acre of ocean	No mitigation was required.	11C-068 Time Expired
1/4/2012	County of San Diego Department of Public Works	San Vicente Road Improvement Project	The project proposes safety improvements to an approximately 22.25-mile section of San Vicente Road.	Unnamed tributaries to San Vicente Creek Gower HSA (907.23)	(P) 0.06-acre (659.16-linear feet) of wetlands 0.07-acre (283.33-linear feet) of streambed (T) 0.42-acre (965.41-linear feet) of wetland 0.23-acre (677.67-linear feet) of streambed	On-site Restoration of 1.33-acres (755.94 –linear feet) of riparian. Temporary impacts restored to pre-project conditions.	10C-095 Conditional Certification Enrollment in SWRCB GWDR Order No. 2003-017 DWQ

**CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION ACTIONS  
FOR THE PERIOD OF JANUARY 1, 2012 THROUGH MARCH 31, 2012**

DATE	APPLICANT	PROJECT TITLE	PROJECT DESCRIPTION	WATERBODY	IMPACT (Acres) <sup>1</sup>	MITIGATION (Acres) <sup>1</sup>	CERTIFICATION ACTION <sup>2</sup>
1/18/2012	California Department of Transportation (CALTRANS)	Repair Culverts	The proposed project is the repair of ten culverts on State Route (SR)-52, SR-67, Interstate (I)-8, I-805, I-5, and I-15. Four of the ten culverts (culverts Nos. 1, 3, 7, and 9) will have impacts to Federal and State jurisdictional wetlands.	Tributaries to San Clemente Canyon, Poway Creek and the Otay River  Scripps HA (906.30) Poway HA (906.20) Lower San Diego HA (907.10) Point Loma HA (908.10)	(P) 0.08-acre (153-linear feet) of wetlands	Off-site Establishment of 0.08-acre (300-linear feet) of riparian  Enhancement of 0.03-acre (75-linear feet) of riparian	11C-058  Conditional Certification  Enrollment in SWRCB GWDR Order No. 2003-017 DWQ
1/18/2012	Stable Lanes Development, LLC	Stable Lanes	The proposed project consists of the construction of a commercial development and off-site road improvements to Stable Lanes Road.	Unnamed Tributary to Murrieta Creek  Wildomar HSA (902.31)	(P) 0.012 acre (197 linear feet) of streambed.  (T) 0.002 acre (30 linear feet) of streambed.	On-Site: Restoration of 0.014 acre (227 linear feet) of streambed.  Off-Site: Restoration of 0.5 acre of mixed riparian scrub and streambed.	09C-079  Conditional Certification  Enrollment in SWRCB GWDR Order No. 2003-017 DWQ
1/20/2012	County of San Diego Department of Public Works	Jamacha Blvd. Phase II Drainage Improvements	The project consists of replacing a section of drainage pipe that carries storm water from Jamacha Boulevard southeast where it then enters an unnamed earthen drainage ditch. The existing twenty-four inch (24-inch) pipe would be replaced with a forty-two inch (42-inch) pipe. The concrete headwall that is located at the southeast end of the pipe where storm water enters the ditch would need to be	Unnamed ephemeral drainage into Sweetwater River  Jamacha HSA (909.21)	(P) 0.01 acre (20 linear feet) of wetlands.  (T) 0.028 acre (55 linear feet) of wetlands.	Offsite  Restoration of 0.002-acre of wetlands  Restoration of 0.03-acre of riparian	11C-103  Time Expired



**CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION ACTIONS  
FOR THE PERIOD OF JANUARY 1, 2012 THROUGH MARCH 31, 2012**

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			reconstructed to accommodate the larger piping.				
1/27/2012	City of San Marcos	San Marcos Creek Specific Plan	The San Marcos Creek Specific Plan is a community planning effort designed to provide the necessary framework to create mixed-use/smart-growth zoning, flood control to surrounding properties, and to facilitate urban infill by re-evaluating land uses and establishing a Specific Plan for development regulation within the project area over an estimated 20-year time period. The project area consists of approximately 217 acres of land for which mixed use, park land, right-of-way, and dedicated open space are proposed.	San Marcos and Las Posas Creek Richland HSA (904.52)	(P) 9.87-acre (12,645-linear feet) of wetlands  0.27-acre (230-linear feet) of streambed  (T) 1.41-acre (1,550-linear feet) of wetlands	On-site/Off-site Establishment of 23.56-acres (13,975-linear feet) of wetland  Re-establishment of 1.76-acres (4,515-linear feet) of wetland  Enhancement of 17.12-acres (13,425-linear feet) of wetland  Preservation of 9.92-acres (7,280-linear feet) of wetland  Buffers of 7.91-acres (13,575-linear feet) of wetland	11C-053  Conditional Certification  Enrollment in SWRCB GWDR Order No. 2003-017 DWQ
1/29/2012	Tu Casa Homeowners Association	Tu Casa H.O.A. Revetment Maintenance	The project is to repair an existing rock revetment extending from approximately -2ft MSL up to approximately +6 ft MSL. The work would reclaim existing small rock that has migrated off the shore face and place it back up on the higher slope. The toe and	Agua Hedionda Lagoon Los Monos HSA (904.31)	(P) 0.12-acre (181 linear feet) of ocean	Onsite Restoration of 0.023-acre (181-linear feet) of tidal mudflat	11C-075  Time Expired

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			surface of the slope would be supplemented with larger stone that would serve to retain the existing rock further shoreward at a steeper 2-2.5:1 slope.				
2/03/2012	City of Vista Redevelopment and Housing	South Santa Fe Detention Basin Project	The project consists of the construction of a detention basin to provide attenuation of runoff from large tributary areas to the east, with resulting low peak flows entering the South Santa Fe corridor providing area-wide floodplain reduction benefits. A 54 inch trunk storm drain will empty into the basin, and a 60 inch outlet storm drain is proposed.	Unnamed ephemeral drainage to Buena Vista Creek Vista HSA (904.22)	(P) 0.04-acre (510 linear feet) of streambed	Offsite Establishment of 0.04-acre (510 linear feet) of wetland	11C-054 Time Expired
2/3/2012	City of Laguna Beach	Interim Water Tank Ravine Burn Dump Stabilization Project	The proposed project involves the temporary armoring and construction of check dams within an unnamed ephemeral drainage that traverses a historic burn dump site.	Unnamed Tributary to Laguna Canyon Channel Laguna Beach HSA (901.12)	(T) 0.048 acre (140 linear feet) of streambed.	Restoration of 0.048 acre (140 linear feet) of streambed.	11C-096 Conditional Certification Enrollment in SWRCB GWDR Order No. 2003-017 DWQ
2/3/2012	Sweetwater Authority	36-inch Raw Water Pipeline Replacement	Amendment to repair a break in the 36-inch raw water pipeline below the Sweetwater Dam. The 122 year-old pipeline conveys water stored in the Sweetwater Reservoir to the water treatment plant.	Sweetwater River La Nacion HSA (905.12)	No changes in impacts.	No changes in mitigation.	10C-061 Amendment

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2/10/2012	City of La Mesa	Alvarado Trunk Sewer Upgrade	The purpose of this project is to reduce inflow and infiltration of storm water into the existing sewer trunk main. Additionally, the project would upgrade the capacity of the pipeline consistent with the City's Sewer Master Plan.	Alvarado Creek Channel San Diego HU (907.00)	(T) 0.187-acre (950-linear feet) of wetland 0.629-acre (950-linear feet) of streambed	On-site Restoration of 0.629-acre (650-linear feet) of riparian stream	11C-093 Time Expired
2/13/2012	The Burnett Group	Thomas Mountain Ranch	The approximate 265-acre subject property is proposed for residential development (tentative Tract Map 36327), including 46 clustered individual lots (Lot 1 through 46), a private circular road, and equestrian trails. The proposed development is approximately 106.6 acres. A 158.7-acre common lot (Lot 47) would be conserved as open space.	Unnamed tributaries to Cahuilla Creek Anza HSA (902.73)	Not Applicable.	Not Applicable.	11C-072 Denied
2/13/2012	City of Poway Public Utilities Department	Rattlesnake Creek Channel Bank Repair—York Avenue Project	The applicant proposes to stabilize an approximately 12ft. X 6ft. Channel bank area with a combination of rip rap wrapped in filter fabric, covered with compacted soil, and biodegradable erosion control blanket with hydroseed native mix.	Rattlesnake Creek Los Peñasquitos HU (906.00)	(P) 40 linear feet of streambed	No mitigation was required.	11C-102 State Pre-certified Small Habitat Restoration Project

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2/14/2012	Lennar Spencer's Crossing (LLC)	Leon Basin Swale Relocation	The proposed project consists of the relocation of a storm drain outfall and relocation of an unnamed creek adjacent to the outfall.	Unnamed tributary to Warm Springs Creek French HSA (902.33)	(T) 0.01 acre (140 linear feet) of wetland 15 cubic yards of dredging	On-Site: Establishment of 0.1 acre (400 linear feet) of waters of the United States. Restoration of 0.01 acre (140 linear feet) of wetland.	11C-066 Conditional Certification Enrollment in SWRCB GWDR Order No. 2003-017 DWQ
2/15/2012	County of San Diego	Lake Rancho Viejo Flood Control Channel Maintenance Project	The channel maintenance activities included removal of sediment within the boundaries of the existing low-flow channel as well as mowing 10 feet of vegetation within the earthen bottom channel immediately adjacent to and east of the concrete channel. A small access road was also created in order to access the channel bottom.	Keys Creek and San Luis Rey River Bonsall HSA (903.12)	Not Applicable.	Not Applicable.	10C-007 Withdrawn
2/16/2012	California Department of Transportation (CALTRANS)	805 South Phase I	The purpose of this project is to extend the existing drainage system.	Otay River Otay HU (901.20)	(P) 0.03-acre (61-linear feet) of wetlands (T) 0.005-acre (11-linear feet) of wetlands	Off-site Preservation of 0.06-acre of wetlands	11C-108 Time Expired
2/17/2012	City Ventures	La Costa Village Center Townhomes	Amendment to the fifty three condominium development of 2, 3, 4 and 5-plex buildings on 14.4 acre site. Improvements to El Camino Real will also take place.	Bataquitos Lagoon Bataquitos HSA (904.51)	No changes in impacts.	On-site Establishment of 0.02-acre (150 linear feet) of freshwater marsh habitat Enhancement of 0.35-acre (1,050 linear feet) of streambed	07C-008 Amendment

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2/18/2012	Fidelity Mortgage Lender, Inc.	Harmony Grove TM 936	The project consists of development of 22 lots suitable for single family residences.	Unnamed swale tributary to Escondido Creek Pueblo HSA (908.22)	(P) 0.002-acre (192 linear feet) of wetlands 0.01-acre (28 linear feet) of streambed	Off-site Purchase of 0.02-acre of riparian mitigation bank credit	10C-091 Time Expired
2/21/2012	County of San Diego Department of Public Works	Bear Valley Parkway North Widening Project	Bear Valley parkway from SR-78 to Boyle Avenue would be widened to Major Road standards to include four travel lanes in an approximately 100-foot-wide right-of-way, bicycle lanes, shoulders, parkways, sidewalks, turn lanes, and a center median. Proposed drainage improvements include new curb and gutter; curb inlets, extension or replacement of four existing reinforced concrete pipe (RCP) or reinforced concrete box (RCB) culvert systems, placement of headwall and wing walls and addition of riprap energy dissipaters at culvert outlets.	Unnamed blue line tributary to Kit Carson Creek and Lake Hodges Hodges HSA (905.24)	(P) 0.003-acre (43 linear feet) of wetlands 0.147-acre (160 linear feet) of riparian 0.014-acre (203 linear feet) of streambed (T) 0.001-acre (15 linear feet) of wetlands 0.01-acre (20 linear feet) of riparian 0.002-acre (29 linear feet) of streambed	Off-site/Adjacent Establishment of 0.003-acre (10-linear feet) of wetland Establishment of 0.003-acre (10-linear feet) of wetland Restoration of 0.003-acre (10-linear feet) of wetland Restoration of 0.147-acre (250-linear feet) of riparian Preservation of 0.147-acre (315-linear feet) of riparian	10C-044 Time Expired

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2/24/2012	California Department of Transportation (CALTRANS)	Interstate 5/Ortega Highway Improvement Project	The proposed project includes reconfiguration and restriping of the I-5 and SR-74 interchange west of southbound I-5.	Horno Creek Ortega Creek (901.28)	(T) 130 linear feet of shading.	Temporary impacts restored to pre-project conditions	11C-080  Conditional Certification Enrollment in SWRCB GWDR Order No. 2003-017 DWQ
2/27/2012	California Department of Transportation (CALTRANS)	San Luis River Park Trail Project	The project will consist of a trail about 4-inches thick of compacted decomposed granite. Work will include clearing, grubbing and grading.	San Luis Rey River Bonsall HSA (903.12)	(P) 0.003-acre (10 linear feet) of streambed	On-site Restoration of 19,01-acres (1050 linear feet) of riparian	11C-112  Time Expired
3/08/2012	California Department of Transportation (CALTRANS)	I-805 North Managed Lanes Project	An amendment to the project which proposes modification on Interstate 805 to maintain or improve future traffic operations on this freeway from State Route 52 (SR-52) to just north of Mira Mesa Boulevard. Four managed lanes will be constructed (two in each direction) from SR-52 to La Jolla Village Drive and two High Occupancy Lanes (one in each direction) from La Jolla Village Drive to just north of Mira Mesa Boulevard.	Rose Canyon Creek Miramar HA (906.4)	No changes in impacts.	No changes in mitigation.	11C-052  Amendment

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3/15/2012	County of San Diego Department of Public Works	Woodside Avenue Drainage Improvement Project	Amendment to the replacement of 1,800-feet of an existing, partially underground storm water drainage system parallel to Woodside Avenue with an upgraded underground drainage system and construction of two 14-foot by 5-foot box culverts that would transport water under State Route 67 for a distance of approximately 340-feet.	Unnamed tributary to the San Diego River  Los Coches HSA (907.14)	No changes in impacts.	No changes in mitigation.	10C-114  Amendment
3/16/2012	Hunter Industries, Inc.	Native Plant Revegetation	The applicant proposes to improve stream function, eliminate irrigation, cease chemical input application, demonstrate a water-conscious landscape and raise awareness of habitat and ecosystem services to its clients and neighbors.	San Marcos Creek to Bataquitos Lagoon  Bataquitos HSA (904.51)	(P) 0.4-acre (800-linear feet) of streambed.	No mitigation was required.	12C-008  State Pre-certified Small Habitat Restoration Project
3/19/2012	Orange County Parks	Poche Beach and Capistrano Beach Outlet No. 1 Ocean Maintenance Project	Amendment to the recurring maintenance activities at Poche Beach Outlet and Capistrano Beach Outlet No. 1 along the Capistrano Beach shoreline adjacent to and in the City of Dana Point, CA.	Prima Deshecha Creek Outlets at Poche Beach and unnamed drainage outlets at Capistrano Beach.  Prima Deshecha HSA (901.31)	No changes in impacts.	No changes in mitigation.	10C-106  Amendment

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3/21/2012	County of San Diego Public Works Department	Bradley Avenue/State Route 67 Interchange Project	The purpose of the project is to alleviate existing and future traffic congestion along Bradley Avenue from Graves to Mollison Avenues.	Forester Creek El Cajon HSA (907.13)	(T) 0.106-acre (525-linear feet) of streambed	Temporary impacts restored to pre-project conditions	11C-109 Time Expired

1. Wetland refers to vegetated waters of the United States and streambed refers to unvegetated waters of the United States (P) = permanent impacts. (T) = temporary impacts.
2. Low impact certification is issued to projects that have minimal potential to adversely impact water quality. Conditional certification is issued to projects that have the potential to adversely impact water quality, but by complying with technical conditions, will have minimal impacts. Denials are issued when the project will adversely impact water quality and suitable mitigation measures are not proposed or possible. Time Expired refers to projects that may proceed due to the lack of an action by the San Diego Water Board within specified regulatory timelines. Withdrawn refers to projects that the applicant or San Diego Water Board have withdrawn due to procedural issues that have not been corrected within one year.