

San Diego Regional Water Quality Control Board



Executive Officer's Report

February 11, 2009

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SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD

EXECUTIVE OFFICER'S REPORT

February 11, 2009

PART A

SAN DIEGO REGION STAFF ACTIVITIES (*Staff Contact*)

1. February 2009 Personnel Report (*DiAnne Broussard*)

The Organizational Chart of the California Regional Water Quality Control Board, San Diego Region (Regional Board) can be viewed at http://www.waterboards.ca.gov/sandiego/about_us/org_charts/orgchart.pdf

Recruitment

The Regional Board is recruiting for a Senior Environmental Scientist to head the Compliance Assurance Unit. We anticipate holding interviews within the next two weeks. Recruitment continues for an Environmental Program Manager I for the Water Quality Restoration and Standards Branch. Vacant positions for the State and Regional Boards are posted on the State Board web page at http://www.waterboards.ca.gov/about_us/employment/

2. February 2009 Budget Status (*DiAnne Broussard*)

On January 29, 2009, Judge Patrick Marlette issued a ruling supporting Governor Arnold Schwarzenegger's Executive Order S-16-08 (<http://gov.ca.gov/executive-order/11310/>) furloughing State employees two days per month. Barring any last minute appeal, the furloughs will take place the first and third Friday of every month starting February 6, 2009 and ending June 25, 2010. The Governor's Office estimates this will save \$1.3 billion.

Although the State Water Resources Control Board's budget receives less than 7% of it's funding from the General Fund the furlough and other restrictions are being applied across the board with few exceptions. Details of the SWRCB's FY 2008-09 budget can be found at this site:

<http://2008-09.archives.ebudget.ca.gov/Enacted/StateAgencyBudgets/3890/3940/department.html>

PART B

SIGNIFICANT REGIONAL WATER QUALITY ISSUES

1. Sanitary Sewer Overflows (SSOs) November-December 2008 (*Joann Cofrancesco*) (*Attachment B-1*)

The following is a summary of the sewage spills that occurred during the period November and December 2008 that have been reported and certified by

February 4, 2009. Sewage Collection Agencies now report Sanitary Sewer Overflows (SSOs) on-line at the State Water Resources Control Board's CIWQS database pursuant to the requirements of State Board Order No. 2006-0003-DWQ (*General Statewide Waste Discharge Requirements for Sewage Collection Agencies*). Reports on sewage spills are available on a real-time basis to the public from the State Board's webpage at: <http://www.waterboards.ca.gov/enforcement>

From November 1 to November 30, 2008, there were 19 public SSOs in the San Diego Region that were reported on-line at the State Board's CIWQS database. These included five spills of 1,000 gallons or more and 11 that reached surface waters, including storm drains. The combined total volume of reported sewage spilled from all publicly-owned collection systems for the month of November 2008 was 130,271 gallons.

From December 1 to December 31, 2008, there were 16 public SSOs in the San Diego Region that were reported on-line at the State Board's CIWQS database. These included four spills of 1,000 gallons or more and 11 that reached surface waters, including storm drains. The combined total volume of reported sewage spilled from all publicly-owned collection systems for the month of December 2008 was 36,475 gallons.

In November and December 2008, 28 discharges of untreated sewage from private laterals were reported by the collection agencies on-line pursuant to the San Diego Regional Board Order No. R9-2007-0005 (*Waste Discharge Requirements for Sewage Collection Agencies in the San Diego Region*). These included one spill of 1,000 gallons or more and seven that reached surface waters, including storm drains. The combined total volume of reported private lateral sewage discharges for the months of November and December 2008 was 22,662 gallons.

A total of 1.60 and 4.63 inches of rainfall were recorded at San Diego's Lindbergh Field for November and December 2008, respectively. For comparison, in November and December 2007, 28 and 18 SSOs were reported during a period of time when 0.97 and 0.80 inches of rainfall was recorded at Lindbergh Field, respectively. A total of 10 private lateral sewage discharges were reported during November and December 2007.

Attached are three tables titled:

- "November 2008 - Summary of Public Sanitary Sewer Overflows in Region 9"
- "December 2008 - Summary of Public Sanitary Sewer Overflows in Region 9"
- "November and December 2008 - Private Lateral Sewage Discharges in Region 9."

Also attached is an annual summary of SSO statistics for our region.

Additional information about the Regional Board's SSO regulatory program is available at the Regional Board's web site at <http://www.waterboards.ca.gov/sandiego/programs/sso.html>.

2. Enforcement Actions for January 2009 (*Jeremy Haas*)

The following is a summary of all enforcement actions taken or initiated during the month of January 2009. During this period the California Regional Water Quality Control Board, San Diego Region (Regional Board) initiated 9 enforcement actions: 1 Amended Complaint for Administrative Civil Liability; 1 Cleanup and Abatement Order; 2 Investigative Orders; 4 Notices of Violation; and 1 Staff Enforcement Letters.

In addition to the summary information provided below, access to information on violations, enforcement actions, and Mandatory Minimum Penalties (MMPs) on a real-time basis is available to the public from the State Water Resources Control Board's Internet webpage at:

http://www.waterboards.ca.gov/water_issues/programs/enforcement/

ADMINISTRATIVE CIVIL LIABILITY COMPLAINTS

ACL Complaint No. R9-2008-0121, Amendment. Studio 15 Housing Partners, LLC, San Diego

Amended Complaint No. R9-2008-0121 in the amount of \$42,000 was issued on January 5, 2009 to correct the number of alleged violations of NPDES Order No. R9-2000-0090 (discharges of extracted groundwater to San Diego Bay) that are subject to mandatory minimum penalties (MMPs) under Water Code Section 13385. The amended Complaint reduced the number of alleged violations subject to MMPs from 21 to 14 following further review of the data. The Discharger has waived its right to a hearing. The Regional Board will consider adopting a tentative ACL Order for \$42,000 on February 11, 2009.

CLEANUP AND ABATEMENT ORDERS

Cleanup and Abatement Order No. R9-2009-0012. Former Carson Cleaners, Escondido.

CAO Order No. R9-2009-0012 was issued on January 27, 2009 to investigate, cleanup and abate the effects of the unauthorized release of tetrachloroethylene (PCE) from the operation of a former dry cleaners on the site. The Order requires a baseline groundwater quality investigation report by April 30, 2009 and implementation of a site investigation and characterization workplan by July 28, 2009.

INVESTIGATIVE ORDERS

Investigative Order No. R9-2009-0015. Signet Armorlite Inc., San Marcos

IO No. R9-2009-0015 was issued on January 23, 2009 for unauthorized releases of chemicals to soil and groundwater at the Signet Armorlite, Inc. facility in San Marcos. The IO requires Signet Armorlite, Inc. to submit two technical reports to address data gaps in site characterization. A comprehensive soil and groundwater investigation workplan is required by February 28, 2009, and an

investigation report with a proposed corrective action plan is due by May 30, 2009.

Investigative Order No. R9-2006-0140, Addendum No. 3. One Stop Auto Tech, Santee

Addendum No. 3 to IO No. R9-2006-0140 was issued on January 28, 2009 to extend the due date for a Corrective Action Plan to March 28, 2009 in order to allow time to complete the investigation and assessment needed to prepare an adequate plan. The IO was issued on October 31, 2006 for an investigation related to an unauthorized release of petroleum wastes from an underground storage tank system.

NOTICES OF VIOLATION

NOV No. R9-2009-0011. Ramona Municipal Water District, San Vicente Wastewater Treatment Plant.

NOV No. R9-2009-0011 was issued on January 2, 2009 for alleged violations of Order No. R9-1993-0003. Alleged violations include exceeding discharge specifications for total dissolved solids (TDS) and total coliform.

NOV No. R9-2009-0013. Rancho California Water District, Santa Rosa Water Reclamation Facility, Temecula.

NOV No. R9-2009-0013 was issued on January 7, 2009 for alleged violations of Order No. R9-1994-0092. The NOV cited alleged violations for exceeded effluent discharge specifications for nitrate, TDS, and turbidity. In addition an alleged violation was cited for failing to provide a daily minimum chlorine contact time on one day.

NOV No. R9-2009-0010. Eastern Municipal Water District, Temecula Valley Regional Water Reclamation Facility.

NOV No. R9-2009-0010 was issued on January 8, 2009 for alleged violations of Order NO. R9-2000-0165. Alleged violations include violations of effluent discharge specifications for iron, total coliform, and turbidity. Other alleged violations include failure to conduct required effluent monitoring and reporting for total suspended solids, volatile suspended solids, and biochemical oxygen demand. In addition, the NOV cites alleged failure to report concentrations of TDS in the potable water supply.

NOV No. R9-2009-0016. Mr. Terry One-Hour Cleaners, Escondido.

NOV No. R9-2009-0016 was issued on January 23, 2009 for violation of Investigative Order No. R9-2008-0110. The alleged violation is for failing to submit a technical report that complied with the requirements of the Investigative Order. The Investigative Order was issued on October 9, 2008 to three parties to investigate effects of subsurface discharges of treatment agents used to remediate soil and groundwater contamination at the site. The parties submitted a report. However, the NOV alleges the report included 19 violations of requirements within the Investigative Order.

STAFF ENFORCEMENT LETTERS**Trabuco Canyon Water District, Los Pinos Forestry Camp.**

An SEL was issued on January 8, 2009 for an alleged violation of WDR Order No. R9-1994-0046. The alleged violation was for influent flow that exceeded the maximum daily allowable limit.

3. Grants Update (*Laurie Walsh*)**Budget**

On December 18, 2008 the Department of Finance issued Budget Letter 08-33 directing the State and Regional Boards to freeze/suspend payment of all existing bond funded invoices and new commitments. Prop 13, 40, 50 and 84 invoices were put on hold immediately and no new commitments (grant agreements) will be completed until the freeze is removed. This budget letter affected nearly all Region 9 grants, freezing \$11,454,535 in grant funds. Per the direction of the State Board, Grantees that decide to continue work, do so, at their own risk. Grant Managers were directed by the State Board to continue to process incoming invoices and review task deliverables. Once the freeze is lifted, State Board will process the invoices as they were received.

Integrated Regional Water Management (IRWM) Regional Acceptance Process (RAP) Guidelines – Draft guidelines are out for 30-Day public comment starting December 22, 2008. Any Regional Water Management Group should submit RAP comments if it anticipates applying for grant funding from DWR's IRWM grant program. DWR's grant program includes funding from Proposition 84 IRWM funds, Proposition 1E stormwater flood management funds, and other IRWM funds that may be available in the future. The estimated schedule for the 2009 Expedited RAP is presented below:

- Issue draft RAP guidelines and provide 30-Day public comment period Dec 22, 2008
 - RAP Public Meeting: Northern and Southern California *January 2009*
 - Consider public comment and issue final RAP guidelines *January 2009*
 - RWMG's prepare RAP materials (approximately 30 days) *Jan – Feb 2009*
 - RAP materials due *February 2009*
 - DWR meetings and interviews with RWMGs (approximately 14 days) *March 2009*
 - Release draft RAP recommendations *April 2009*
 - Public comment period on draft RAP recommendations (at least 15 days) *April 2009*
 - DWR's final RAP decisions *April 2009*
- 1) *Italics* denote tentative dates.

For additional information:

<http://www.grantsloans.water.ca.gov/grants/integregio.cfm>

California Financing Coordinating Committee (CFCC) Funding Fairs:

The CFCC is comprised of seven members agencies (six state, one federal), whose members conduct statewide Funding Fairs each year to educate interested parties about the CFCC and the financial and technical resources available. CFCC Agencies fund the following types of eligible projects such as drinking water, waste water, water quality, water supply, energy efficiency, flood management, streets and highways, and emergency response vehicles.

In 2009, the CFCC will conduct five Funding Fairs throughout California (Chino - February 3; Bakersfield - February 5; Eureka - March 10; Merced - April 2; and Sacramento - May 7). Information on the 2009 Funding Fairs (including the registration form) and CFCC is available on the CFCC webpage at:

www.cfcc.ca.org.

Grant Extensions Due to 2007 California Wildfires: The 2007 wildfires damaged hundreds of acres of land in the San Diego Region. Many of the water quality monitoring sites that receive Grant funding were damaged or inaccessible after the 2007 fires causing delays to the Grant schedules. In response, the State Board will request from the Department of Finance (DOF) an extension to the bond appropriations deadline for Prop 13, Prop 40, and Prop 50 funds. State Board will ask DOF in January 2009 for an extension. This request should be heard by the State Board in February 2009. Of the 22 grants managed by the San Diego Regional Board, 3 will request extensions to their project completion schedules due to impacts from the wildfires.

Areas of Special Biological Significance (ASBS) Grant Program Prop 84:

The ASBS Grant Program provides approximately \$32 million for projects to comply with the discharge prohibition into ASBS. A total of 17 eligible Full Proposal Applications were received cumulatively requesting \$33.1 million. The January 20, 2009 State Water Board Meeting was canceled. It is anticipated that the Recommended Funding List will be considered for approval at the February 3, 2009 State Water Board Meeting.

CALFED Watershed Grant Program Solicitations to Implement Watershed Plans: On August 6th, 2008, the State Water Board issued a focused solicitation for up to \$4 million of Proposition 50 Funds. Project(s) must be ready to proceed and help achieve one of the Watershed Program's goals to better define and quantify the impacts of community-based watershed management on natural resource conditions within the Bay-Delta System. Full proposals have been submitted and are under review. As part of the review process, applicants were interviewed on January 27 and 28, 2009.

CALFED Watershed Grant Program for Riparian Buffer Sizing Tool:

The State Water Board received 6 applications on November 14, 2008, requesting a total of approximately \$3 million. One qualified applicant will be selected for a \$500,000 grant to develop a riparian buffer sizing tool for watersheds in the Bay-Delta and its tributaries experiencing the largest population growth. As part of the review process, applicants are currently being interviewed.

CALFED SCIENCE PROGRAM 2009 FOCUSED PROPOSAL Solicitation

Package (PSP): The CALFED Science Program is announcing a solicitation for research proposals in support of the CALFED Bay-Delta Program. The package is now available. Proposals are due **February 27, 2009**.

Through the California Resources Agency, the CALFED Science program is seeking to fund research that will fill critical gaps in our understanding of the current and changing Bay-Delta system. The new scientific information is meant to help resource managers and policymakers make informed decisions about current and future Delta water issues such as healthy ecosystems, water quality, and conveyance and supply.

A total of approximately \$8 million will be available for research in four topic areas: Native Fish Biology and Ecology, Food Webs of Key Delta Species and their Relationship to Water Quality and other Drivers, Coupled Hydrologic and Ecosystem Models, Water and Ecosystem Management Decision Support System Development

For more information,

http://www.science.calwater.ca.gov/psp/psp_package_2009.html

319(h) NONPOINT SOURCE (NPS) IMPLEMENTATION GRANT PROGRAM:

Approximately \$4.5 million is available for this Solicitation, with a minimum grant amount of \$250,000 and a maximum grant amount of \$1,000,000 per project. The purpose of the program is to provide funds to restore and protect the beneficial uses of water throughout the State through the control of NPS pollution consistent with completed Total Maximum Daily Loads (TMDLs) or TMDLs under substantial development.

On December 10, 2008, 20 applicants were invited to submit full proposals. All full proposals are due by 5 p.m. on Tuesday February 17, 2009.

Proposition 84 Storm Water Grant Program (SWGP): It is anticipated that the Guidelines will be presented for adoption at the **February 17, 2009**, State Water Board meeting. The next Storm Water Advisory Task Force (SWATF) meeting is scheduled for **February 25, 2009**. The draft Guidelines, public workshop details, and additional information on the Proposition 84 SWGP are available on-line at:

http://www.waterboards.ca.gov/water_issues/programs/grants_loans/prop84/index.shtml.

CLEAN BEACHES INITIATIVE (CBI) GRANT PROGRAM: The State Water Board adopted the CBI Guidelines at its September 16, 2008 meeting. These Guidelines establish the process that the State Water Board will use to solicit and review proposals for Proposition 84 funds, and unused or reappropriated Proposition 13, 40 and 50 funds. The continuous solicitation process closed on **January 23, 2009**, in order to collect and review the submitted Concept Proposals.

Water Recycling Funding Program (WRFP): The State Water Resources Control Board (SWRCB) provides funding for the planning, design, and construction of water recycling projects. The purpose of the WRFP is to promote water recycling by providing technical and financial assistance to local agencies and other stakeholders in support of water recycling projects and research. The Water Recycling Funding Program Guidelines are final and those interested in applying for funding can visit the DFA's website at http://www.waterboards.ca.gov/water_issues/programs/grants_loans/water_recycling/index.shtml for more information.

2008 Urban Drought Assistance Grant Program: The California Department of Water Resources (DWR) has awarded \$17 million in Proposition 50 grants statewide to fund water saving programs that address California's current drought.

In response to Governor Schwarzenegger's June 4 Executive Order declaring drought conditions in the state and calling for immediate action, DWR expedited the funding from its Urban Drought Assistance Grant Program to fund water conservation programs throughout the state. The funds will be used for water conservation activities including rebate programs, public education and outreach, leak detection, and retrofit of systems for greater water efficiency. Of the \$17 million, \$4.5 million will go toward programs and projects in disadvantaged communities.

DWR received nearly 300 applications requesting more than \$72 million. DWR thoroughly reviewed each application and awarded grants on a competitive basis, looking at the importance of the projects under current water shortages and drought conditions as demonstrated by community need or local support.

The final award list is available online at:
<http://www.owue.water.ca.gov/finance/index.cfm>.

4. Update on the Mission Valley Terminal Groundwater Cleanup (*Sean McClain*)
The Mission Valley Terminal (MVT) groundwater cleanup has been in the news recently regarding the City of San Diego's concern that cleanup dates in the Regional Board's Cleanup and Abatement Order (CAO) will not be met. The City

is also concerned about the possible failure of the hydraulic containment barrier system that protects the groundwater beneath the Qualcomm Stadium property from discharges of gasoline waste from the terminal. Ms. Amita Sharma, of KPBS News Radio, ran a series of reports from December 2 through 4, 2008, and a follow up story on January 27 2009 on the cleanup. To listen to the reports, visit the KPBS web site at the following addresses:

Part 1, 2 and 3 <http://www.kpbs.org/news/local?id=13348>

Follow up story <http://www.kpbs.org/news/local?id=13711>

In parts 1, 2 and 3, Ms. Sharma's main focus was the likelihood that Kinder Morgan, the Site owner, will meet the cleanup deadlines in the Regional Board's CAO. Her concern was directed towards the perceived lack of enforcement from the Regional Board in the 1990s and why it has taken so long for cleanup to start in the Qualcomm Stadium parking lot. Regional Board staff pointed out that past due dates were not met in part because the dates were technically infeasible to achieve for a cleanup of this magnitude. Further, Kinder Morgan is on a strict timeline to expedite the cleanup under the Qualcomm Stadium parking area. By December 31, 2010, Kinder Morgan must remove liquid gasoline from subsurface soil and groundwater, and by December 31, 2013, must reduce concentrations of dissolved gasoline waste constituents to attain background water quality conditions.

Ms. Sharma's follow up story focused on the City's assertion that the hydraulic containment system, located on the south terminal property boundary, failed in 2005 allowing petroleum hydrocarbons in groundwater to migrate from the terminal property to beneath the parking lot of Qualcomm Stadium. A technical memo prepared by the City's consultant, INTERA Inc., concluded that the hydraulic containment system failed in 2005 based on a "spike" in total petroleum hydrocarbons (TPH) observed in two offsite monitoring wells. Kinder Morgan responded that the apparent "spike" in the concentration of petroleum hydrocarbons in the two wells was an artifact of incorrect units reported by the laboratory that analyzed the samples. This unit discordance resulted in the apparent three-order-of-magnitude "spike" shown in the INTERA evaluation. Groundwater flow directions, groundwater elevation changes, and groundwater quality data; however, all indicate that the hydraulic containment system is functioning as designed. On January 29, 2009, Kinder Morgan submitted the corrected 2005 laboratory report.

An important factor driving the cleanup at MVT is the City's plan to develop the local groundwater resources for municipal use. The proposed municipal wells may be located within the footprint of the existing MTBE plume. Should the City install a drinking water production well in the area of the MVT groundwater plume, the CAO requires Kinder Morgan to submit a Drinking Water Replacement Contingency Plan that includes a provision to provide uninterrupted replacement water service, which may include wellhead treatment, to the City.

Groundwater in Mission Valley is designated with potential municipal and domestic supply (MUN) use. The groundwater however is of poor quality due to high concentrations of total dissolved solids, bicarbonate, and manganese which do not support MUN use as shown below.

Constituent (mg/l)	TDS	Bicarbonate	Manganese
Region 9 Basin Plan WQO	3,000	2.0	0.05
MVT Groundwater ¹	3,367	430	3.4

mg/l – Milligrams per liter

TDS – Total Dissolved Solids

WQO – Water Quality Objectives for groundwater in Mission Valley

¹ - influent to the groundwater treatment system (spatial average in groundwater)

Kinder Morgan continues to expand the remediation system by adding new soil vapor and groundwater extraction wells. The dischargers have also installed a manganese and de-nitrification treatment system that will assist in the removal of manganese and nitrates from groundwater before discharging to the San Diego River. A Work Plan for a Bench-Scale Accelerated Weathering Study (Work Plan), dated January 23, 2009, was prepared by Kinder Morgan. The study will evaluate concentrations of contaminants of concern (COC) in soil, soil vapor, and soil leachate as remediation progresses toward soil conditions that meet the cleanup goals.

Currently, Regional Board staff and consultants (Drs. Johnson & Eggers) are reviewing Kinder Morgan's latest Work Plan to ensure that adequate progress will be made to achieve the cleanup dates in the CAO. On March 9, 2009, Regional Board staff and consultants are scheduled to meet with the City to discuss the cleanup progress and recent information on the hydraulic containment system.

5. Buena Vista Lagoon Restoration Project (Bruce Posthumus)

A public meeting about the Buena Vista Lagoon Restoration Project (restoration project) was held in Oceanside on the evening of February 3, 2009. Buena Vista Lagoon is a State ecological reserve located at the mouth of Buena Vista Creek in the cities of Oceanside and Carlsbad. The lagoon was tidally influenced until the 1940s, when a weir was installed at the lagoon's outlet to the ocean. The lagoon is now a freshwater system that is divided into four basins by San Diego Northern Railway (NCTD), Coast Highway (Carlsbad Blvd) and Interstate 5. Lagoon depths have been decreasing and it is projected that, over the next fifty years or so, the lagoon will turn into a meadow with little or no open water, if no restoration actions are undertaken,

Restoration planning, including developing information to be included in documents required by the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA), is still in progress. The restoration project is led by California Department of Fish and Game, United States Fish and

Wildlife Service, and California Coastal Conservancy, in consultation with the Buena Vista Lagoon Working Group, which includes representatives of those agencies, National Marine Fisheries Service, Buena Vista Lagoon Foundation, City of Oceanside, City of Carlsbad, San Diego Regional Water Quality Control Board (SDRWQCB), and other organizations.

Funding for restoration planning has come from several sources, including \$500,000 from a Supplemental Environmental Project approved by the SDRWQCB in connection with enforcement action in response to a large sewage spill to the lagoon in March and April of 2007.

Additional information about Buena Vista Lagoon and the restoration project is available at <http://bvlrestoration.org/>.

6. American Recover and Reinvestment Bill of 2009 (aka Economic Stimulus Bill)
(Laurie Walsh)

On September 26, 2008, The United States Congress introduced the Economic Stimulus Bill, H. R. 7110, revised in H.R.2167- American Recovery and Reinvestment Bill 2009 (Bill). This package is the first crucial step in a concerted effort to create and save 3 to 4 million jobs, jumpstart the nations economy, and begin the process of transforming it with \$275 billion in economic recovery tax cuts and \$550 billion in targeted priority investments with accountability measures built in. This Bill would address the nation's need to bolster the economy and create jobs. It is likely that this Bill or a very similar Bill will be approved and signed by our new President in February 2009. The California Clean Water State Revolving Fund (CWSRF) would receive an amount in excess of \$450 million; however, the total allotment could increase. Once the Bill is enacted, fund priorities will be focused on "shovel-ready" public works projects that would create jobs immediately.

The SWRCB held workshops in January to introduce the Economic Stimulus Bill and how the funds would be dispersed through the current SWRCB CWSRF Program. This Regional Board's Grants Coordinator, Laurie Walsh, attended the workshop held on January 21, 2009 at the Riverside Regional Board office. The workshop was scheduled at the time for all of southern California. In anticipation of the Bill being signed in February 2009, the SWRCB has scheduled additional workshops. A webcast from SWRCB will be held on February 18th, 2009 for interested parties statewide to learn about the program and get informed of any updates since the January workshops.

The SWRCB will hold an Economic Stimulus workshop on March 4th, 2009 from 1:30 to 3:30 pm at the San Diego Regional Board offices in the Regional Board room. This workshop will be held following the CWSRF Project Priority List workshop scheduled from 9:00 am to 12:00 noon in the Regional Board room. See Report item, "Clean Water State Revolving Fund (CWSRF) Program Priority List Workshops." Although the Economic Stimulus Bill will be

discussed during the CWSRF morning workshop the details of the program will be reserved for the afternoon discussion.

For more information on the webcast and the workshops interested parties can contact Sarah Fong of the SWRCB at 916-341-5938 or scfong@waterboards.ca.gov

7. Clean Water State Revolving Fund (CWSRF) Program Priority List

Workshops (Laurie Walsh)

The State Water Resources Control Board (SWRCB) Clean Water State Revolving Fund (CWSRF) Program is exploring how to meet the growing financial needs of communities and support the Regional Water Boards efforts to protect and improve California's Water Quality. To achieve those goals, the SWRCB will host workshops at all the Regional Board throughout the state for the public and Regional Board to provide more information about the benefits of the program and development of next year's Priority List. **The workshop for the San Diego Region will be held on March 4, 2009 at the Regional Board Office.**

The first part of the workshop (**9:00 am - 11:00 am**) will focus on the public to provide a program overview, application process, Financial Assistance Application Submittal Tool (FAAST) demonstration, announcements and updates regarding the Economic Recovery Bill, and Q and A discussion.

The second part of the workshop (**11:00 am - noon**) will focus on the Regional Board staff's discussion of the regions water quality priorities. We are particularly interested in hearing about specific projects you think should be done to address those priorities. The goal for the FY 2009-2010 Intended Use Plan and the anticipated Economic Recovery Funds is to identify water quality priorities and specific projects that can be funded in 2009-2010 to help you meet those objectives.

To receive funds from the American Recover and Reinvestment Bill of 2009 (aka Economic Stimulus Bill) applicants must be on the State Revolving Fund Project Priority List. During the first hour of this meeting, the SWRCB staff will inform applicants on how projects can qualify for the Priority List or update their existing project information.

To receive notifications regarding the Clean Water State Revolving Fund Program, refer to the State Water Resources Control Board Email List Subscription page and select "Clean Water State Revolving Fund".

For up to date information:

http://www.waterboards.ca.gov/water_issues/programs/grants_loans/srf/index.shtml

PART C
STATEWIDE ISSUES OF IMPORTANCE TO THE SAN DIEGO REGION

1. Southern California Coastal Water Research Project Symposium

(Bruce Posthumus) (Attachment C-1)

On January 20, 2009, the Southern California Coastal Water Research Project (SCCWRP) held its second annual symposium. The symposium was intended to provide information about the work of SCCWRP to staff of SCCWRP member agencies. Symposium topics included regional monitoring, eutrophication, sediment quality assessment, statewide assessments, contaminant transport, emerging contaminants, and watersheds. Attachment C-1 is the symposium agenda. Links to presentations, posters, and videos from the symposium are available on request.

John Robertus, David Barker, Julie Chan, Deborah Jayne, John Odermatt, David Gibson, Jimmy Smith, Jody Ebsen, Peter Peuron, Chad Loflen, and Bruce Posthumus from the SDRWQCB attended the symposium.

SCCWRP is joint powers agency that conducts research on coastal southern California aquatic ecosystems. Strategic goals of SCCWRP are to:

- Answer questions relevant to coastal environmental management, such as:
 - Is it safe to eat fish?
 - Is it safe to swim?
 - Are natural resources protected?
 - Is the ecosystem healthy?
- Develop, participate in, and coordinate programs that will improve understanding of coastal ecology.
- Effectively communicate research findings to decision-makers and stakeholders
- Serve as a catalyst to form partnerships and alliances.

The fourteen SCCWRP member agencies have different roles (including regulation, wastewater management, and stormwater management), but all of them have responsibilities for water quality management in coastal southern California. The governing body of SCCWRP is the SCCWRP Commission, which consists of representatives from each of the SCCWRP member agencies, including the SDRWQCB. John Robertus represents the SDRWQCB on the SCCWRP Commission; David Barker is the alternate commissioner. The Commission's Technical Advisory Group (CTAG) advises the SCCWRP Commission and SCCWRP staff. Bruce Posthumus represents the SDRWQCB on CTAG.

More information about SCCWRP is available at <http://www.sccwrp.org/view.php?id=33>.

2. Regulation of Onsite Wastewater Treatment Systems (*Bob Morris*)

The State Water Board has announced that the public comment period on the proposed Regulations and Waiver for Onsite Wastewater Treatment Systems (OWTS) and the associated Draft Environmental Impact Report (EIR) has been extended by two weeks to February 23, 2009.

These regulations would establish minimum requirements for the permitting, monitoring, and operation of OWTS, as required by AB 885. Implementation of new regulations would commence 6 months after adoption. The proposed regulations would be largely self-implementing, requiring actions to be completed by the property owner/operator. The regulations would be overseen by the State Water Board and the Regional Boards. Local agencies (e.g., county and city departments and independent districts) would continue to oversee local siting approval and compliance with basin plans and local ordinances, as required under existing law. The proposed regulations would not prevent Regional Boards or local agencies from maintaining and adopting OWTS requirements that are more protective of the environment and public health than the proposed regulations. The State Water Board webpage http://www.waterboards.ca.gov/water_issues/programs/septic_tanks provides further information on this subject.

3. Beach Water Quality Monitoring (*Bruce Posthumus*)

Since 1999, county health departments have been required to monitor waters at certain coastal beaches for microbiological indicators and to close and/or post notifications at and about those beaches if sanitation standards are not met. These requirements, which were established by Assembly Bill 411 (AB 411) (Wayne, 1997), apply only if the State provides sufficient funding to carry out such activities.

As indicated in a November 2008 Executive Officer report, the State Water Resources Control Board (SWRCB) agreed to provide funding for continuation of such activities after a line-item veto by the Governor eliminated such funding from the State budget for fiscal year 2008-2009. However, since the funding to be provided by the SWRCB was to have come from bond funds, and since bond funded expenditures have been frozen, the SWRCB will not be able to provide funding for such activities until the freeze is lifted. Consequently, it now appears that there will be reductions in beach water quality monitoring.

In order to minimize the effects of such reductions on public health, the Beach Water Quality Workgroup (BWQW) has developed and plans to disseminate guidelines to facilitate continuation of beach water quality monitoring at locations when and where such monitoring is deemed most critical for protection of public health. The BWQW (which consists of representatives of county health departments, dischargers, nongovernmental organizations, regional water quality control boards (RWQCBs), SWRCB, and the Southern California Coastal Water

Research Project) anticipates that this would be accomplished primarily by reallocating ongoing beach water quality monitoring efforts that are not funded by the State (e.g., beach water quality monitoring that RWQCBs require dischargers to conduct). RWQCBs, in consultation with other interested parties, would need to determine the specifics and details of such reallocations within the next few months to ensure that monitoring is conducted at high priority locations during the time of the year when beach use is most intensive.

The text of AB 411 is available at:

http://www.leginfo.ca.gov/pub/97-98/bill/asm/ab_0401-0450/ab_411_bill_19971008_chaptered.pdf.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION

**SIGNIFICANT NPDES PERMITS,
WDRs, AND ACTIONS OF THE
REGIONAL BOARD**

February 11, 2009

APPENDED TO EXECUTIVE OFFICER'S REPORT

Scheduled Board Meeting Date	Action Agenda Item	Action Type	Initial Document Application Complete	Discharge & Receiving Water Quality Limits and Monitoring Plan Known	Draft Complete	Public Review & Comment	Consent Item	Comments
March 11, 2008 Regional Board Meeting San Diego Regional Water Board Office								
3/11/2009	BAE Systems San Diego Ship Repair Shipyard - San Diego Bay (<i>Vicente Rodriguez</i>)	NPDES Permit Reissuance	100%	90%	80%	0%	No	NPDES Workplan FY2007-08
3/11/2009	Garcia Property Onsite Wastewater Disposal System (<i>Cathryn Henning</i>)	New WDRs Adoption	100%	100%	100%	0%	Yes	New OWTs for residential property
3/11/2009	Kamp Anza Campground (<i>Bob Morris</i>)	WDRs Revision	100%	na	50%	0%	yes	Change of Owner
3/11/2009	Master Reclamation Permit with WDRs for the SRTP USMC Base Camp Pendleton (<i>Robert Pierce</i>)	Hearing: New WDRs	100%	100%	100%	100%	No	Waiting for nutrient uptake study from USMC to consider revising nitrogen discharge specification.
3/11/2009	Mountain Water Ice Discharges to San Luis Rey River (<i>Rebecca Stewart</i>)	Hearing: ACL	100%	NA	80%	0%	No	Mandatory Minimum Penalty ACL \$324,000
3/11/2009	NASSCO / General Dynamics Corp. - Shipyard San Diego Bay (<i>Vicente Rodriguez</i>)	NPDES Permit Reissuance	100%	90%	80%	0%	No	NPDES Workplan FY 2007-08

Scheduled Board Meeting Date	Action Agenda Item	Action Type	Initial Document Application Complete	Discharge & Receiving Water Quality Limits and Monitoring Plan Known	Draft Complete	Public Review & Comment	Consent Item	Comments
3/11/2009	NPDES General Permit Hydrostatic Testing and Potable Water Discharge (<i>Michelle Mata</i>)	NPDES Permit Reissuance	NA	100%	80%	0%	No	NPDES Workplan FY 2006-07
3/11/2009	NPDES Permit Rescission-- S & S Farms (<i>Michelle Mata</i>)	NPDES Permit Rescission	0%	0%	100%	50%	No	Hog farm
3/11/2009	Padre Dam Municipal Water District - Santee Reclamation Facility (<i>Melissa Valdovinos</i>)	NPDES Permit Reissuance	100%	90%	80%	0%	No	NPDES Workplan FY 2008-09
3/11/2009	Ramona Water District, San Vicente Wastewater Treatment Plant (<i>Cathryn Henning</i>)	New WDRs Adoption	100%	100%	100%	0%	No	
3/11/2009	US Navy Graving Dock San Diego Bay (<i>Vicente Rodriguez</i>)	NPDES Permit Reissuance	100%	90%	20%	0%	No	NPDES Workplan FY 2008-09
3/11/2009	US Navy-- Naval Base Pt. Loma - San Diego Bay (<i>Vicente Rodriguez</i>)	NPDES Permit Reissuance	100%	90%	80%	0%	No	NPDES Workplan FY 2007-08

Scheduled Board Meeting Date	Action Agenda Item	Action Type	Initial Document Application Complete	Discharge & Receiving Water Quality Limits and Monitoring Plan Known	Draft Complete	Public Review & Comment	Consent Item	Comments
3/11/2009	US Navy--Naval Base Coronado - San Diego Bay (<i>Vicente Rodriguez</i>)	NPDES Permit Reissuance	100%	90%	80%	0%	No	NPDES Workplan FY 2007-08
3/11/2009	US Navy--Naval Base San Diego - San Diego Bay (<i>Vicente Rodriguez</i>)	NPDES Permit Reissuance	100%	90%	80%	0%	No	NPDES Workplan FY 2007-08
April 8, 2009 Regional Board Meeting Dana Point								
4/8/2008	Ametek Inc. (<i>Laurie Walsh / John Anderson</i>)	Hearing: ACL	NA	NA	100%	NA	No	ACL Penalty \$2,265,000
4/8/2009	Carlsbad Energy Center, LLS Power Brine Discharge To Pacific Ocean (<i>Michelle Mata</i>)	NPDES Permit New	90%	80%	50%	0%	No	Consider forming a special hearing panel.
4/8/2009	City of San Diego Pt. Loma Ocean Outfall Discharge to Pacific Ocean - Deliberation and Adoption of NPDES Permit (<i>Melissa Valdovinos / Brian Kelley</i>)	NPDES Permit Reissuance	100%	90%	0%	0%	No	Pending resolution of issues raised by USEPA
4/8/2009	Constructed Seawall At First St. Coronado Dewatering Discharge To San Diego Bay (<i>Frank Melbourn</i>)	Hearing: ACL	100%	NA	50%	0%	No	Mandatory Minimum Penalty ACL \$24,000

Scheduled Board Meeting Date	Action Agenda Item	Action Type	Initial Document Application Complete	Discharge & Receiving Water Quality Limits and Monitoring Plan Known	Draft Complete	Public Review & Comment	Consent Item	Comments
4/8/2009	Hubbs Research Facility Carlsbad - Agua Hedionda Lagoon (Michelle Mata)	NPDES Permit Reissuance	100%	80%	80%	50%	No	Pending receipt of information from Hubbs Res.
4/8/2009	NPDES General De Minimis Discharges Permit - San Diego Region (Michelle Mata)	NPDES Permit Adoption	NA	0%	0%	0%	No	
4/8/2009	Ocean Discharger Receiving Water Monitoring Program Updates (Bruce Posthumus)	NPDES Permit Revisions	NA	50%	0%	0%	No	
4/8/2009	Poseidon Resources Corporation (Michelle Mata)	NPDES Permit Revision	NA	NA	0%	No	No	
4/8/2009	Skinner Lake Rec Area (Bob Morris)	WDRs Revision	10%	80%	0%	0%	Yes	MRP Change
4/8/2009	South Orange County Wastewater Authority, South Coast Water District, Groundwater Recovery Facility (Joann Cofrancesco)	Hearing: ACL	50%	NA	100%	0%	No	Mandatory Minimum Penalty ACL

May 13, 2009 Regional Board Meeting
San Diego Regional Water Board Office

Scheduled Board Meeting Date	Action Agenda Item	Action Type	Initial Document Application Complete	Discharge & Receiving Water Quality Limits and Monitoring Plan Known	Draft Complete	Public Review & Comment	Consent Item	Comments
5/13/2009	Initial Hearing - 2008 Fed. Clean Water Act Sec. 303(D) List Of Water Quality Segments (<i>David Gibson</i>)	Hearing: CWA 303(d) WQ List	NA	NA	50%	0%	No	
5/13/2009	Initial Hearing -2008 Basin Plan Triennial Review (<i>Deborah Woodward</i>)	Hearing: Basin Plan Triennial Review	NA	0%	0%	0%	No	
5/13/2009	NPDES Permit Rescissions-- Frank J. Konyon Dairy, Van Ommerring Dairy, Tom Van Tol Dairy, Stiefel Dairy (<i>Michelle Mata</i>)	NPDES Permit Rescission	0%	0%	100%	50%	No	
June 10, 2009 Regional Board Meeting San Diego Regional Water Board Office								
6/10/2009	Adoption Hearing - 2008 Basin Plan Triennial Review (<i>Deborah Woodward</i>)	Adoption: Basin Plan Triennial Review	NA	0%	0%	0%	No	

Scheduled Board Meeting Date	Action Agenda Item	Action Type	Initial Document Application Complete	Discharge & Receiving Water Quality Limits and Monitoring Plan Known	Draft Complete	Public Review & Comment	Consent Item	Comments
6/10/2009	Adoption Hearing - 2008 Fed. Clean Water Act Sec. 303(D) List of Water Quality Segments (<i>David Gibson</i>)	Adoption: CWA 303(d) WQ List	0%	0%	0%	0%	No	
6/10/2009	Initial Hearing - Orange County Municipal Storm Water Permit (<i>Chad Lofen / James Smith</i>)	NPDES Permit Reissuance	100%	80%	80%	0%	No	Pending resolution of issues raised by USEPA
6/10/2009	Rancho Corrido RV Park (<i>Fisayo Osibodu</i>)	WDRs Revision	50%	50%	0%	0%	No	Expansion of Facility
6/10/2009	Readoption Hearing - Revised Bacteria Impaired Waters TMDL Project I For Beaches And Creeks (<i>Wayne Chiu / Benjamin Tobler / Amy Mecklenborg</i>)	Hearing: TMDL Basin Plan Amendment	100%	100%	0%	0%	No	Revise TMDL for Bacti Indicators using Exceedance Days Approach. TMDL will be remanded to Regional Board in October 2008.
6/10/2009	Readoption Hearing - Tecolote Creek Bacti TMDL (<i>Amy Mecklenborg / Benjamin Tobler / Wayne Chiu</i>)	Hearing: TMDL Basin Plan Amendment			50%		No	
6/10/2009	Sweetwater Authority Groundwater Demineralization (<i>Michelle Mata</i>)	NPDES Permit Reissuance	0%	80%	0%	0%	No	

August 12, 2009 Regional Board Meeting
San Diego Regional Water Board Office

Scheduled Board Meeting Date	Action Agenda Item	Action Type	Initial Document Application Complete	Discharge & Receiving Water Quality Limits and Monitoring Plan Known	Draft Complete	Public Review & Comment	Consent Item	Comments
8/12/2009	Adoption - Orange County Municipal Storm Water Permit (<i>Chad Loflen / James Smith</i>)	Adoption: NPDES Permit Reissuance	0%	0%	0%	0%	No	
8/12/2009	Agriculture Waiver Status Report (<i>Peter Peuron</i>)	Status Report	NA	NA	NA	NA	NA	
September 9, 2009 Regional Board Meeting San Diego Regional Water Board Office								
9/9/2009	CALTRANS - Buckmann Springs Rest Stop (<i>Fisayo Osibodu</i>)	New WDRs	70%	0%	0%	0%	Yes	
November 9, 2009 Regional Board Meeting San Diego Regional Water Board Office								
11/10/2009	Dynegy South Bay LLC, South Bay Power Plant Discharge to San Diego Bay (<i>Vicente Rodriguez</i>)	NPDES Permit Reissuance	100%	75%	20%	0%	No	
Unscheduled								
Unscheduled	Proposed Gregory Canyon Landfill - North San Diego County (<i>Carol Tamaki / Bob Morris</i>)	Hearing: New WDRs	100%	80%	90%	0%	No	Catherine Hagan is reviewing

November 2008 - Summary of Public Sanitary Sewer Overflows in Region 9

Responsible Agency	Collection System	Total Number of SSO locations	Total Vol of SSOs (gal)	Total Vol Recover (gal)	Total Vol Reach Surface Water	Percent Recover	Percent Reach Surface Water	Miles Pressure Sewer	Miles Gravity Sewer	Miles of Laterals	Total Number of SSO locations per 100 miles of Sewer	Tot Vol of SSOs Reach Surface Water per 100 miles of Sewer
BUENA SANITATION DISTRICT	Buena CS	1	86,800	35,600	51,200	41	58	8	98.5	0	0.9	48,075.10
Fallbrook Public Utility Dist	Fallbrook Plant 1, Oceanside of CS	1	11,200	500	10,700	4	95	4.6	76.6	0	1.2	13,177.30
LEMON GROVE, CITY OF	City Of Lemon Grove CS	1	560	300	260	53	46	0.1	62.4	0	1.6	416
Laguna Beach City	City Of Laguna Beach CS	1	300	300	0	100	0	4.5	95	0	1	0
Leucadia Wastewater District	Leucadia Wastewater District CS	2	610	40	0	6	0	11.4	191	0	0.9	0
Padre Dam Municipal Water District	Padre Dam CS	1	25	25	0	100	0	5	161	0	0.6	0
SOLANA BEACH, CITY OF	City Of Solana Beach CS	3	27,600	11,420	16,180	41	58	2	39	0.1	7.2	39,367.30
San Diego City	San Diego City CS	8	2,616	75	1,548	2	59	139	2,991.00	2,000.00	0.1	30.1
San Diego Cnty	County Of San Diego CS	1	560	0	560	0	100	4	371	0	0.2	149.3
Totals		19	130,271	48,260	80,448			178.6	4,085.50	2,000.10		

December 2008 - Public Sanitary Sewer Overflow in Region 9

Responsible Agency	Collection System	Total Number of SSO Locations	Total Vol of SSOs (gal)	Total Vol Recover (gal)	Total Vol Reach Surface Water	Percent Recover	Percent Reach Surface Water	Miles Pressure Sewer	Miles Gravity Sewer	Miles of Laterals	Total Number of SSO locations per 100 miles of Sewer	Tot Vol of SSOs Reach Surface Water per 100 miles of Sewer
CARLSBAD MWD	Carlsbad MWD CS	1	300	300	0	100	0	4.8	282	1	0.3	0
CORONADO CITY	City Of Coronado CS	3	18,040	15,040	3,000	83	16	6.6	39.3	1	6.3	6,396.50
Chula Vista City	City Of Chula Vista CS	1	50	50	0	100	0	2.6	474	0	0.2	0
Del Mar City	City Of Del Mar CS	2	2,178	1,500	678	68	31	1.8	29	0	6.4	2,201.20
Moulton Niguel Water District	Moulton Niguel Water District CS	1	450	300	150	66	33	20	510	0	0.1	28.3
San Diego City	San Diego City CS	3	13,762	5,052	13,710	36	99	139	2,991.00	2,000.00	0	267.2
San Diego Cnty	County Of San Diego CS	1	165	0	60	0	36	4	371	0	0.2	16
Trabuco Canyon WD	Trabuco Canyon Water District CS	1	600	0	600	0	100	3	44	0	2.1	1,276.50
UC San Diego	University Of California, San Diego CS	1	750	0	750	0	100	2	25	3	3.3	2,500.00
USMC BASE, CAMP PENDLETON	Usmc Base, Camp Pendleton CS	1	100	25	0	25	0	25	112	80	0.4	0
Vista City	City Of Vista CS	1	80	0	0	0	0	0.2	229.1	0	0.4	0
Total		16	36,475	22,267	18,948			209	5,106.40	2,085.00		

November and December 2008 - Private Lateral Sewage Discharges in Region 9

Reporting Agency	Collection System	Total Number of PLSD Locations	Total Vol of PLSDs (gal)	Total Vol Recover (gal)	Total Vol Reach Surface Water	Percent Recover	Percent Reach		Miles Private Lateral	Total Number of PLSD Locations per 100 miles of Sewer	Total Vol of PLSDs Reach Surface Water per 100 miles of Sewer
							Surface Water	Water			
CARLSBAD MWD	Carlsbad MWD CS	5	519	844	0	162	0	0	124	4	0
CORONADO CITY	City Of Coronado CS	1	20,000	20,000	0	100	0	0	50	2	0
Chula Vista City	City Of Chula Vista CS	1	40	40	0	100	0	0	0	0	0
Escondido City	Harrf Disch To San Elijo Oo CS	2	320	40	280	12	87	83.2		2.4	336.5
IMPERIAL BEACH, CITY OF	City Of Imperial Beach CS	1	15	15	0	100	0	103		0.9	0
LEMON GROVE, CITY OF	City Of Lemon Grove CS	1	360	360	360	100	100	124		0.8	290.3
Laguna Beach City	City Of Laguna Beach CS	1	10	10	0	100	0	102		0.9	0
Leucadia Wastewater District	Leucadia Wastewater District CS	2	25	10	0	40	0	300		0.6	0
San Diego City	San Diego City CS	9	1,138	859	279	75	24	4,049.00		0.4	13.6
San Diego Cnty	County Of San Diego CS	2	170	100	0	58	0	0		0	0
San Diego Cnty	Julian Water Pollution Facil. CS	1	20	0	0	0	0	0		0	0
Vallecitos Water District	Meadowlark CS	1	1	0	0	0	0	265		0.3	0
Vista City	City Of Vista CS	1	44	150	0	340	0	151.5		0.6	0
Total		28	22,662	22,428	919			5,351.70			

2008 - Annual Summary of Public Sanitary Sewer Overflows in Region 9

Responsible Agency	Collection System	Total Number of SSO locations	Total Vol of SSOs (gal)	Total Vol Recover (gal)	Total Vol Reach Surface Water	Percent Recover	Percent Reach Surface Water	Miles Pressure Sewer	Miles Gravity Sewer	Miles of Laterals	Total Number of SSO locations per 100 miles of Sewer	Tot Vol of SSOs Reach Surface Water per 100 miles of Sewer
22nd District Agricultural Association	22nd District Agricultural Association CS	1	30	30	0	100	0	0.7	1.6	0.4	37	0
BUENA SANITATION DISTRICT	Buena CS	1	86,800	35,600	51,200	41	58	8	98.5	0	0.9	48,075.10
CARLSBAD MWD	Carlsbad MWD CS	5	7,120	15,895	100	223	1	4.8	282	1	1.7	34.7
CORONADO CITY	City Of Coronado CS	10	18,375	15,375	3,000	83	16	6.6	39.3	1	21.3	6,396.50
Chula Vista City	City Of Chula Vista CS	2	200	50	0	25	0	2.6	474	0	0.4	0
Del Mar City	City Of Del Mar CS	5	2,576	1,800	678	69	26	1.8	29	0	16.2	2,201.20
EL CAJON, CITY OF	City Of El Cajon CS	2	25	25	0	100	0	0	195	0	1	0
Eastern Municipal Water Dist	Eastern Municipal Water District CS	4	10,352	8,050	2,250	77	21	105	1,869.00	0	0.2	113.9
El Toro Water District	El Toro Water District CS	1	10	0	0	0	0	5	142	36	0.5	0
Elsinore Valley Municipal Water Dist	STP_Regional Plant CS	1	10,100	10,100	0	100	0	11.5	246.2	0	0.3	0
Escondido City	Harr Disch To San Elijo Oo CS	5	1,659	1,409	250	84	15	10.7	365	0	1.3	66.5
Fallbrook Public Utility Dist	Fallbrook Plant 1, Oceaniside of CS	2	11,350	525	10,825	4	95	4.6	76.6	0	2.4	13,331.20
LEMON GROVE, CITY OF	City Of Lemon Grove CS	2	960	660	260	68	27	0.1	62.4	0	3.2	416
La Mesa City	City Of La Mesa CS	6	2,395	610	735	25	30	0	155	0	3.8	474.1
Laguna Beach City	City Of Laguna Beach CS	5	729,550	81,350	648,000	11	88	4.5	95	0	5	651,256.20
Leucadia Wastewater District	Leucadia Wastewater District CS	3	650	40	0	6	0	11.4	191	0	1.4	0
MURRIETA WMWD	Murrieta WMWD CS	2	501	425	0	84	0	0	200	0	1	0
Moulton Niguel Water District	Moulton Niguel Water District CS	1	450	300	150	66	33	20	510	0	0.1	28.3
Oceanside PWD	La Salina WWTP, Oceanside Offt CS	6	106,805	85,395	21,410	79	20	39	450	0	1.2	4,378.30
Olaj MWD	Olaj Water District CS	2	85	55	0	64	0	1.7	79.9	0	2.4	0
Padre Dam Municipal Water District	Padre Dam CS	2	27	35	0	129	0	5	161	0	1.2	0
Poway City	City Of Poway CS	1	13,200	3,600	13,200	27	100	10	178	34	0.4	5,945.90
RAINBOW MWD	Rainbow Municipal Water Dist CS	1	14,200	0	14,200	0	100	4	52	0	1.7	25,357.10
SOLANA BEACH, CITY OF	City Of Solana Beach CS	4	30,600	13,670	16,180	44	52	2	39	0.1	9.7	39,367.30
San Clemente City	City Of San Clemente CS	3	1,975	830	1,145	42	57	1	160	0	1.8	711.1
San Diego City	San Diego City CS	75	144,151	67,419	71,474	46	49	139	2,991.00	2,000.00	1.4	1,393.20
San Diego City	County Of San Diego CS	4	875	0	720	0	82	4	371	0	1	192
San Diego City	Julian Water Pollution Facil. CS	1	850	300	550	35	64	0.4	3	0	29.4	16,176.40
Santa Margarita WD	Santa Margarita Water District CS	1	900	890	30	98	3	12	325	165	0.1	4.2
South Coast County Water District	South Coast Water District CS	2	35	15	20	42	57	3.2	136	0	1.4	14.3
Trabuco Canyon WD	Trabuco Canyon Water District CS	2	1,600	0	1,600	0	100	3	44	0	4.2	3,404.20
UC San Diego	University Of California, San Diego CS	3	860	110	750	12	87	2	25	3	10	2,500.00
US Marine Corps Recruit Depo	MCRD CS	4	922	160	0	17	0	0	4	2.5	61.5	0
USMC BASE, CAMP PENDLETON	Usmc Base, Camp Pendleton CS	24	45,568	6,685	26,366	14	57	25	112	80	11	12,150.20
VALLEY CENTER MWD	Lower Moosa Canyon Recl Facil CS	1	50	0	0	0	0	5	50	7	1.6	0
Vallecitos Water District	Meadowlark CS	1	7	1	0	14	0	10	255.9	0	0.3	0
Vista City	City Of Vista CS	3	1,205	1,052	73	87	6	0.2	229.1	0	1.3	31.8

Totals

198 1,247,018 352,461 885,166

463.8 10,897.50 2,330.00

Attachment C-1

SCCWRP Symposium Schedule - January 20th, 2009

Time	Session Theme	Location	Presentation Title	Speaker	Session Head
9:00-9:30	Registration and SCCWRP Historical Slideshow				
9:30-10:00	Welcome Session			Steve Weisberg/Mas Dojiri (City of LA)	
10:00-11:00	Regional Monitoring	Large Conference Room	Bight'08 Overview Bight'08 Rocky Reef Mussel Watch and PBDEs	Ken Schiff Dan Pondella (Occidental) John Christiansen (NOAA)	Ken Schiff
	Eutrophication	Medium Conference Room	Assessment of Eutrophication in Southern California Estuaries Stable Isotope Geochemistry: Tools for Nutrient Source Identification Nutrient Loading from Agricultural Sites and Ag Waiver Monitoring Programs	Martha Sutula Karen McLaughlin Liesl Tiefenthaler	Martha Sutula
11:00-12:00	Sediment Quality Assessment	Large Conference Room	Development of a Sediment Quality Assessment Framework for Food Web Effects Can Sediment Profile Imaging (SPI) Enhance Traditional Benthic Assessments? DNA Barcoding: An Alternative Approach for Rapidly Identifying Benthic Species	Steve Bay Ananda Ranasinghe Peter Miller	Steve Bay
	Statewide Assessments	Medium Conference Room	Regional Marine Debris Monitoring Program Identification of Shellfish Beneficial Use Areas Survey of Estuarine Wetlands in California using Rapid Assessment	Shelly Moore Jeff Brown Chris Solek	Shelly Moore
12:00-1:00	Lunch and Poster Session (Optional Tour of Facility)				
1:00-2:00	A Day at the Beach	Large Conference Room	Beach Water Quality Epidemiology Studies Clean Beach Task Force Source ID Team Beach Sand Monitoring Techniques	Ken Schiff Donna Ferguson John Griffith	John Griffith
	Contaminant Transport	Medium Conference Room	Effect of Southern California Wildfires on Surface Water Quality How Much Does Atmospheric Deposition Contribute to Runoff Contaminant Levels? Use of a Cluster Design to Map Benthos near the San Diego Outfall	Eric Stein Lisa Sabin Kerry Ritter	Eric Stein
	Lab Demonstration		Domoic Acid Measurement using an ELISA Assay	Wayne Litaker (NOAA)	
2:00-3:00	Emerging Contaminants	Large Conference Room	PBDEs in the Southern California Bight Endocrine Disruption in Hornyhead Turbot Gene Microarray For Investigating Emerging Contaminant Effects	Keith Maruya Doris Vidal-Dorsch Steve Bay	Keith Maruya
	Watersheds	Medium Conference Room	Assessment Indicators for Intermittent Streams Benthic Algae as a Bioindicator for Southern California Streams Evaluation of Stormwater Sampling Strategies	Raphael Mazor Betty Fetscher Drew Ackerman	Eric Stein
	Lab Demonstration		Measuring Enterococcus using a Rapid Method (qPCR)	Yiping Cao	
3:00-3:30	SCCWRP Website Services and Symposium Feedback			Karen Setty/Steve Weisberg	

Poster Session	
Satellite Tracking of HABs	Nick Nezlín
California Rapid Assessment Method for Wetlands (CRAM) Training	Chris Solek
Influence of Climate Patterns on SoCal Fish Communities	Jim Allen
Sediment Quality in Treatment Wetlands	Jeff Brown
Analysis and Toxic Potential of Pyrethroids in Ballona Estuary Sediments	Wenjian Lao
Quantifying Bioavailable Organic Contaminants in Contaminated Sediments using SPME	Keith Maruya
Progress on SCCWRP's Stewardship of the National Hydrography Dataset for the Santa Ana Region	Becky Schaffner
Assessment of Streams in Southern California using Multiple Indicators	Raphael Mazor