

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



Executive Officer's Report
August 11, 2010

Table of Contents

Part A – San Diego Region Staff Activities.....2

- 1. Budget Report.....2
- 2. Personnel Report2
- 3. Management Meeting and Site Visits at Camp Pendleton3
- 4. Statewide Presentation of the Surface Water Ambient Monitoring Program (SWAMP) of the San Diego Region3
- 5. Brownfields Funding Workshop – July 27, 2010 Update4

Part B – Significant Regional Water Quality Issues.....5

- 1. Sanitary Sewer Overflows (SSOs) May - June 2010 (*Attachment B-1*).....5
- 2. Enforcement Actions for July 2010.....6
- 3. Remedial Investigation and Feasibility Study for Groundwater in the 22/23 Area of Marine Corps Base Camp Pendleton.....9
- 4. Box Canyon Landfill Solar Panel Project Clears Regulatory Hurdle9
- 5. Collaboration with the Institute of Ecological Monitoring and Management of San Diego State University10
- 6. Streamlining Regulation Using Water Code Section 1322810
- 7. Update - Soils Remediation at the Naval Base Point Loma P-401 Military Construction (Milcon) Project (*Attachment B-7*)11
- 8. Update on Riverside County MS4 Permit Renewal12

Part C – Statewide Issues of Importance to the San Diego Region.....13

- 1. The Surface Water Ambient Monitoring Program's Report on Contaminants in Fish from Lakes and Reservoirs in California.....13

The July 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. Budget Report

Staff Contact: DiAnne Broussard

As of August 1, 2010 the State had not enacted a budget. Senate and Assembly members have been on recess during the month of July. On July 16 Judge Patrick Marlette denied Governor Arnold Schwarzenegger's request to order State Controller John Chiang to reduce State employee's pay to the Federal minimum wage level until a budget could be enacted. State employees received a full pay check on August 1.

On July 28 the Governor's office announced the return of furloughs. State Offices will be closed on the second, third and fourth Friday of each month. Exempted from the furlough are the California Highway Patrol, CalFIRE, the Board of Equalization, the Franchise Tax Board, Employment Development Department, State Compensation Insurance Fund, Housing Finance Authority and Earthquake Authority. Represented employees in Bargaining Units 12, 16, 18 and 19 will be exempted from furlough if the Memoranda of Understanding for each unit is ratified by the Bargaining Unit membership and the State Legislature before the furloughs go into effect.

2. Personnel Report

Staff Contact: 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

Departures

Environmental Scientist Lynn Berlad resigned from the Regional Water Quality Control Board on July 15, 2010. Ms. Berlad came to work for the Regional Board on April 16, 2007. While she was with us she worked in the Site Mitigation and Clean up Unit and in the Central San Diego County Ground Water Unit. She has left to pursue other interests.

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/

3. Management Meeting and Site Visits at Camp Pendleton

Staff Contact: John Odermatt

San Diego Water Board staff, including James Smith, Julie Chan, John Odermatt and Cheryl Prowell met with the management team for the Assistant Chief of Staff for Environmental Security (Environmental Security) at Marine Corps Base Camp Pendleton on July 8, 2010. The meeting presented an opportunity for the management teams from the San Diego Water Board and Environmental Security to discuss various aspects of the ongoing groundwater cleanup programs, base water supply, the Basin Plan Triennial Review process, and some surface water quality issues (e.g., Riverside County Storm Water Permit and hydromodification). In addition, the visit afforded an opportunity for San Diego Water Board staff to visit two sites in the Installation Restoration Program (cleanup of burn-ash wastes and remediation of firing range wastes), and a redevelopment project undertaken to expand base housing facilities at the East Stuart Mesa Agricultural Fields. Information on the groundwater cleanup sites in the Installation Restoration Program at Camp Pendleton can be found on-line at (http://www.pendleton.usmc.mil/base/environmental/IR/ir_sites3.htm). Additional information was also provided to the Board in June 2010 as agenda item 10 (http://www.waterboards.ca.gov/sandiego/board_info/agendas/2010/jun/item10/10_EOSR.pdf).

4. Statewide Presentation of the Surface Water Ambient Monitoring Program (SWAMP) of the San Diego Region

Staff Contact: Lilian Busse

Lilian Busse, an Environmental Scientist in the Monitoring, Assessment, and Research Unit, is the coordinator of the San Diego Water Board's Surface Water Ambient Monitoring Program (SWAMP). On June 3, 2010, Lilian Busse presented an overview of the San Diego Water Board's SWAMP through a webinar. Webinars are interactive seminars conducted via the world-wide web. The presentations are transmitted over the Internet in real time, and include interactive components such as the ability of participants to submit questions. The webinar presentation was attended remotely by more than fifty people from the State and Regional Water Boards, other state agencies, consulting companies, academic institutions, and non-profit organizations.

The goal of SWAMP of the State and Regional Water Boards is to assess the conditions of surface waters throughout the State of California. The program conducts monitoring directly and through collaborative partnerships. SWAMP includes both statewide and regional components. The San Diego Water Board receives \$240,000 from waste discharge permit fees to support SWAMP in the San Diego Region.

The regional component of SWAMP managed by the San Diego Water Board has focused primarily on assessing the health of aquatic ecosystems in wadeable, perennial streams. Over the period from 2001 through 2008, the San Diego Water Board used SWAMP funding to monitor

and assess conditions in streams in all eleven watershed areas in the San Diego Region. In collaboration with other Water Boards and municipal stormwater dischargers, the San Diego Water Board has used SWAMP funding to develop and begin implementation of a regional bioassessment program for stream systems in coastal watersheds throughout Southern California. The San Diego Water Board has also used SWAMP funding to augment other efforts to monitor and assess conditions in Southern California streams following wildfires in 2003 and 2007 and to develop a data portal ("Ecolayers") in the San Diego Region. In addition, the San Diego Water Board has used SWAMP to leverage efforts to assess eutrophication in coastal wetlands throughout Southern California as part of the Southern California Bight Regional Monitoring Program. In the future, the San Diego Water Board will use SWAMP funding to monitor the health of freshwater wetlands, in conjunction with the National Wetland Condition Assessment of the Environmental Protection Agency, to improve coordination of water quality monitoring in San Diego Region watersheds and to support the regional bioassessment study.

The presentation is available online at:

http://waterboards.ca.gov/water_issues/programs/swamp/presentation.shtml.

More information about the San Diego Water Board's SWAMP, including reports and results, is available online at:

http://www.waterboards.ca.gov/sandiego/water_issues/programs/swamp/index.shtml.

5. Brownfields Funding Workshop – July 27, 2010 Update

Staff Contact: John Anderson

The United States Environmental Protection Agency (USEPA), the Department of Toxic Substances Control (DTSC), and the State Water Board conducted the Annual Public Brownfields Funding Workshop at the San Diego Water Board Office on July 27, 2010. The Annual Public Brownfields Funding Workshops are being held jointly throughout California by the Water Boards, the DTSC, and the USEPA. Nineteen people attended the San Diego workshop representing redevelopment agencies, municipalities, attorneys, and consulting firms. These workshops are part of a cooperative outreach to help educate the public about funding sources that are available for investigations and cleanups in the Brownfields program. The workshops focus on Brownfields Grants and Loans that the regulatory agencies award. All three of the regulatory agencies are publicizing these events as much as possible. For specific information on the workshops, please contact Mr. Ian Waters of the State Water Board at IWaters@waterboards.ca.gov or (916) 323-7905. Ms. Susan Pease of the Central Cleanup Unit is the San Diego Water Board's Brownfields Coordinator. Please contact her at (858) 637-5596 or at SPease@waterboards.ca.gov for information on Brownfields Programs.

Part B – Significant Regional Water Quality Issues

1. Sanitary Sewer Overflows (SSOs) May - June 2010 (*Attachment B-1*)

Staff Contact: Christopher Means

The following is a summary of the sewage spills occurring during May and June 2010 and reported and certified by June 30, 2010. Sewage Collection Agencies now report Sanitary Sewer Overflows (SSOs) on-line at the State Water Board's CIWQS database pursuant to the requirements of State Water 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 Water Board's webpage at: <https://ciwqs.waterboards.ca.gov/>

Public Spills: From May 1 to May 31, 2010, there were 9 SSOs from public systems in the San Diego Region as reported in the on-line State Water Board CIWQS database. These SSOs included 4 spills of 1,000 gallons or more, and 5 spills reaching surface waters, including storm drains. The combined total volume of reported sewage spilled from all publicly-owned collection systems for the month of May 2010 was 40,824 gallons.

From June 1 to June 30, 2010, there were 10 SSOs from public systems in the San Diego Region as reported in the on-line at the State Water Board's CIWQS database. These SSOs included 2 spills of 1,000 gallons or more, and 6 spills that reached surface waters, including storm drains. The combined total volume of sewage spills, reported from all publicly-owned collection systems for the month of June 2010, was 12,000 gallons.

Although sewage spills originating in Mexico and entering the United States are not regulated by State Board Order No. 2006-0003-DWQ, the International Boundary and Water Commission (IBWC) reported that a force main break in Tijuana resulted in sewage flowing across the border on June 2, 2010, and a subsequent pump station failure resulted in 2.18 millions gallons of sewage flowing into Smugglers Gulch, a tributary of the Tijuana River.

Reported Private Spills: Twenty Five discharges of untreated sewage from private laterals were reported, during May and June 2010, by the collection agencies on-line, pursuant to San Diego Water Board Order No. R9-2007-0005 (*Waste Discharge Requirements for Sewage Collection Agencies in the San Diego Region*). These private lateral spills included 1 spill of 1,000 gallons or more and 11 spills that reached surface waters, including storm drains. The combined total volume of reported sewage discharges, from private lateral systems for the months of May and June 2010 was 6,446 gallons.

A total of 0.01 and 0.02 inches of rainfall were recorded at San Diego's Lindbergh Field for May and June 2010, respectively. For comparison, during May and June 2009, 18 and 15 public SSOs were reported during a period of time when 0.04 and 0.03 inches of rainfall were recorded at Lindbergh Field, respectively. A total of 26 private lateral sewage discharges were reported during May and June 2009.

Attached are three tables titled:

- “May 2010 - Summary of Public Sanitary Sewer Overflows in Region 9”
- “June 2010 - Summary of Public Sanitary Sewer Overflows in Region 9”
- “May and June 2010 - Summary of Private Lateral Sewage Discharges in Region 9.”

Additional information about the San Diego Water Board SSO regulatory program is available at: <http://www.waterboards.ca.gov/sandiego/programs/sso.html>.

2. Enforcement Actions for July 2010

Staff Contact: Jeremy Haas

During the month of July 2010, the San Diego Water Board initiated sixteen enforcement actions including one Administrative Civil Liability complaint, four Notices of Violation, and eleven Staff Enforcement Letters.

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/

California Integrated Water Quality System

(CIWQS): http://www.waterboards.ca.gov/water_issues/programs/ciwqs/publicreports.shtml

State Water Board GeoTracker database:

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

Administrative Civil Liability (ACL) Complaint

Eastern Municipal Water District, Temecula

ACL Complaint No. R9-2010-0085 was issued against the Eastern Municipal Water District on July 23, 2010 in the amount of \$1,035,310 for violations of Order No. R9-2000-0165 resulting from the discharge of untreated sewage from the Temecula Valley Regional Water Reclamation Facility to Murrieta Creek, its tributary waters, and land on December 25 and 26, 2009. A public hearing on the matter is tentatively scheduled for October 13, 2010.

Notices of Violation (NOV)**Skyline Ranch Country Club**

NOV No. R9-2010-0072 was issued to the Skyline Ranch Country Club on July 6, 2010 for 11 violations of discharge specifications for total dissolved solids, total nitrogen, boron, manganese, and iron and three violations of monitoring and reporting requirements in Order No. R9-2005-0258 that occurred between April 2009 and March 2010.

Otay Water District, Ralph Chapman Water Recycling Facility, Spring Valley

NOV No. R9-2010-0099 was issued to the Otay Water District on July 12, 2010 for 24 violations of discharge specifications for turbidity, total nitrogen, and pH in Order No. R9-2007-0038 that occurred between October 2008 and April 2010.

Rancho Santa Fe Community Services District, Rancho Santa Fe Water Pollution Control Facility

NOV No. R9-2010-0100 was issued to the Rancho Santa Fe Community Services District on July 16, 2010 for one violation of the maximum wastewater flow rate in Order No. 92-04 that occurred in January 2010.

Whispering Palms Community Services District, Encinitas

NOV No. R9-2010-0100 was issued on July 16, 2010 to the Whispering Palms Community Services District for five violations of discharge specifications for total dissolved solids, chloride, and maximum flow rate in Order No. 94-80 that occurred between January 2009 and March 2010.

Staff Enforcement Letters (SEL)**City of San Diego, Arizona Street Sanitary Landfill**

An SEL was issued to the City of San Diego on July 2, 2010 for one violation of Order No. 97-11 resulting from a broken lid to a monitoring well that was discovered during a compliance inspection of the Arizona Street Sanitary Landfill on June 30, 2010.

Vallecitos Water District, Meadowlark Water Reclamation Plant, San Marcos

An SEL was issued to the Vallecitos Water District on July 7, 2010 for one violation of a facility design and operation specification for minimum modal chlorine contact time and one reporting violation that occurred between February 2010 and May 2010.

Ramona Municipal Water District, San Vicente Wastewater Treatment Plant

An SEL was issued to the Ramona Municipal Water District on July 7, 2010 for five violations of discharge specifications for total coliform, percent sodium, total dissolved solids, and sulfate and one reporting violation in Order No. R9-2009-0005 that occurred between January 2009 and March 2010.

San Elijo Joint Powers Authority, San Elijo Reclamation Facility

An SEL was issued to the San Elijo Joint Powers Authority on July 7, 2010 for one violation of the 12-month discharge specification for total dissolved solids in Order No. R9-2000-0010 that occurred in 2009.

U.S. Marine Corps Base Camp Pendleton, Southern Region Tertiary Treatment Plant

An SEL was issued to U.S. Marine Corps Base Camp Pendleton on July 12, 2010 for 19 violations of discharge specifications and reporting requirements in Order No. R9-2009-0021 that occurred between June 2009 and April 2010.

Rancho Santa Fe Community Services District, Santa Fe Water Reclamation Plant

An SEL was issued to the Rancho Santa Fe Community Services District on July 15, 2010 for one violation of the 12-month average discharge specification for antimony in Order No. R9-2002-0013 that occurred in 2009.

U.S. Marine Corps Base Camp Pendleton, Sewer Treatment Plant No. 11

An SEL was issued to U.S. Marine Corps Base Camp Pendleton on July 20, 2010 for two violations of discharge specifications for biochemical oxygen demand in Order No. 97-13 that occurred in March 2010.

Caltrans, Tecate Truck Inspection Station

An SEL was issued to Caltrans on July 22, 2010 for two violations of monitoring requirements in Order No. R9-2007-0148 identified in 2009 annual report for the Tecate Truck Inspection Station.

Outdoor Resorts Rancho California, Inc, Aguanga

An SEL was issued to Outdoor Resorts Rancho California, Inc on July 22, 2010 for one violation of monitoring and reporting requirements in Order No. R9-2000-0138 identified in the annual monitoring report for Rancho California R.V. Resorts.

Anza RV Resort

An SEL was issued to the Anza RV Resort on July 26, 2010 for failing to submit septic tank effluent analyses results in 2009 for pH, total dissolved solids, chloride, sulfate, phenols, and nitrate as required by Order No. 98-84.

S&S Farms Swine Facility, Ramona

An SEL was issued to S&S Farms Swine Facility on July 26, 2010 for two violations of monitoring requirements in Order No. R9-2009-0077 identified in the facility's 2009 annual report.

3. Remedial Investigation and Feasibility Study for Groundwater in the 22/23 Area of Marine Corps Base Camp Pendleton

Staff Contact: Cheryl Prowell

The Naval Facilities Engineering Command Southwest (Navy) has completed its remedial investigation and feasibility study (RI/FS) to evaluate remedial alternatives for the chlorinated solvent releases that have impacted a water supply well at Marine Corps Base Camp Pendleton (the Base). The contaminants of concern include 1,2,3-trichloropropene (1,2,3-TCP), trichloroethene (TCE), cis-1,2-dichloroethene (DCE), 1,1-DCE, 1,4-dioxane, and vinyl chloride. The concentrations of 1,2,3-TCP in the affected water supply well have historically exceeded the California notification level, and the U.S. Marine Corps has voluntarily shut down the well. The RI/FS evaluated six possible remedial alternatives to address human health risks posed by use of the groundwater for domestic supply. The alternatives encompass a range of actions including land use controls, long-term monitoring, alternative water supply, source area treatment, wellhead treatment, and potable reuse or reinjection of treated water.

The San Diego Water Board provided the Navy with written comments (dated July 12, 2010) on the RI/FS. The Navy will issue a Final RI/FS after all comments are adequately addressed. At this point, an alternative has not been recommended. The final remedial alternative will be presented in the Proposed Plan and selected after a public participation process. A summary of the cleanup process under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) is available on-line at <http://www.epa.gov/superfund/cleanup/index.htm>.

4. Box Canyon Landfill Solar Panel Project Clears Regulatory Hurdle

Staff Contact: Kelly Dorsey

The San Diego Water Board Executive Officer approved a plan by the Naval Facilities Engineering Command and Marine Corps Base Camp Pendleton to install a solar photovoltaic panel system (PV panel system) on the cover of the Box Canyon Landfill. The Executive Officer signed the Explanation of Significant Difference (ESD), last month, modifying the existing Record of Decision for Operable Unit 3 (OU3) which includes the Box Canyon Landfill site. This clears the way for the PV panel system project to proceed. The ESD contained an evaluation of the design-criteria (i.e., stability, settlement, drainage control, and the cover system) and the design considerations for installation of the PV panel system on the landfill. A summary of the cleanup projects included in the ROD for OU3 sites can be found on-line at <http://yosemite.epa.gov/r9/sfund/r9sfdocw.nsf/3dec8ba3252368428825742600743733/16c4cbf10c47fecf88257007005e93ee!OpenDocument>

The PV panel system will include approximately 6,300 solar PV modules over at least six acres of the landfill and generate 1.48 megawatts of direct current energy. The PV panel system will provide renewable electrical power to Camp Pendleton's electric distribution system that serves the southern part of the Base. The San Diego Water Board staff will update the Board in future Executive Officer Reports.

5. Collaboration with the Institute of Ecological Monitoring and Management of San Diego State University

Staff Contact: Lilian Busse

San Diego State University (SDSU) recently founded the Institute of Ecological Monitoring and Management (IEMM). IEMM performs its mission of science in service of policy and management by linking SDSU scientists and resource managers in San Diego County and throughout Southern California. Drawing from extensive expertise across the SDSU campus, their objective is to provide expertise, technical knowledge and continuity of research that can contribute to efficient and effective use and management of ecological resources. The affiliated scientists at the IEMM will provide expertise and support for: Wildlife monitoring, invasive species mapping and treatment, water quality monitoring and modeling, sediment transport analysis, hydrological prediction and watershed analysis, habitat mapping and monitoring, restoration, recreational use surveys, data reduction and analysis, contaminant analysis, and GIS and urban ecology.

In May 2010, the San Diego Water Board met with Dr. Rebecca Lewison and Dr. John Crockett from IEMM. Because it is critical to the mission of the San Diego Water Board to work closely with scientists in the San Diego Region in the field of ecological monitoring and management, the San Diego Water Board will collaborate with the IEMM. The San Diego Water Board will be listed on the IEMM website as a partner. Dr. Lilian Busse, coordinator for the Surface Water Ambient Monitoring Program (SWAMP) for the San Diego Water Board, recently worked with the IEMM to find potential members for the Technical Advisory Committee for the newly designed SWAMP freshwater wetlands monitoring program for the San Diego Region.

6. Streamlining Regulation Using Water Code Section 13228

Staff Contact: Julie Chan

Water Code section 13228 provides a way to streamline the regulation of entities whose jurisdictions straddle the border of two or more Regions. The San Diego and Santa Ana Water Boards are using section 13228 to ease the regulatory burden on Recycled Water Agencies and Municipalities that lie in both Regions 8 and 9.

Section 13228 provides that if an entity is subject to regulation by more than one Regional Water Board, the entity may submit the matter to one of those Boards if both of the following requirements are met.

- A written request is sent to all affected Regional Water Boards that one Board be designated to regulate the matter.
- All affected Regional Water Boards agree in writing to the designation.

The San Diego and Santa Ana Water Boards have used section 13228 in the past to designate one Water Board to regulate Recycled Water Agencies' reuse areas that lie in both Regions 8 and 9. Most recently, in July 2010, the San Diego Water Board Executive Officer agreed to designate the Santa Ana Water Board to regulate recycled water distribution and reuse within the Elsinore Valley Municipal Water District. The majority of the recycled water reuse areas in the District are located in Region 8, with only two reuse sites located in Region 9. In lieu of issuing separate Region 8 and Region 9 water reclamation requirements to the District, the Santa Ana Water Board's master reclamation permit will cover all the recycled water reuse sites, and the District will pay only one fee.

Similarly, under the proposed terms of the draft Riverside County MS4 Permit (tentative Order No. R9-2010-0016), the San Diego Water Board will regulate the portions of the Cities of Murrieta and Wildomar located in Region 8. Likewise, the Santa Ana Water Board will regulate under its storm water permit (Order No. R8-2010-0033) the portions of the City of Menifee located in Region 9. These proposed designations are in response to the Cities' requests to regulate storm water discharges in their jurisdictions under one Regional Water Board.

7. Update - Soils Remediation at the Naval Base Point Loma P-401 Military Construction (Milcon) Project *(Attachment B-7)*

Staff Contact: Brian McDaniel

The Department of the Navy (Navy) plans to treat stockpiled petroleum-impacted soils for reuse at the Fleet Industrial Supply Center Defense Fuel Support Point located at Naval Base Point Loma. Public notification of the plan was provided on April 26, 2010. The Navy proposed low temperature thermal desorption to treat the soils which were impacted by leaks and spills of diesel fuel from former above-ground storage tanks (ASTs) at the site. The treated soils will be used during construction of new Bulk Storage ASTs. The impacted soils are currently stockpiled on-site in accordance with San Diego Water Board and San Diego County Air Pollution Control District guidance (APCD). The thermal treatment of soil will be conducted in compliance with APCD regulations for emissions in San Diego County. The Public Notice can be found at http://www.cnmc.navy.mil/navycni/groups/public/documents/cdn/cnicp_a159627.pdf.

A Navy press release dated June 11, 2010 provided a status update on the project (see attachment B-7). The Press Release describes the continued cleanup progress at the Fuel Storage Facility, identified the installation of a tie in to an existing fuel line, and identified several environmental mitigation measures. The construction of eight replacement tanks is expected to commence later this summer. Staff will continue to provide updates in future Executive Officer Reports.

8. Update on Riverside County MS4 Permit Renewal

Staff Contact: Chiara Clemente

The draft of the Riverside County Municipal Separate Storm Sewer System (MS4) Permit, Tentative Order R9-2010-0016, was released for public review and comment on July 23, 2010. This National Pollutant Discharge Elimination System Permit regulates the discharge of storm water and non-storm water from the MS4 to receiving waters in Riverside County in the Upper Santa Margarita River watershed. The San Diego Water Board's public hearing to consider adoption of Tentative Order R9-2010-0016 is scheduled for October 13, 2010, at the Rancho California Water District Board Room in Temecula, California. The Tentative Order will, when adopted, supersede and replace the current Riverside County MS4 Permit, Order No. R9-2004-001, issued in July 2004.

The public review for the Tentative Order is now open for a 45 day comment period. Written comments on the Tentative Order must be received by the San Diego Water Board no later than by 5:00 PM on Tuesday, September 7, 2010.

The San Diego Water Board's objectives and priorities for the Tentative Order include:

- Obtaining consistency, where appropriate, with current MS4 permit requirements for San Diego and Orange Counties;
- Correcting deficiencies observed through the oversight of the existing Riverside County MS4 permit; and
- Streamlining permit language where possible, while improving clarity and enforceability.

The Riverside County Cities and Storm Water Agencies' (Copermittees') objectives and priorities for the Tentative Order include:

- Achieving consistency with the Santa Ana Water Board's Riverside County MS4 Permit;
- Maintaining compliance costs at existing levels;
- Reducing administrative burden; and
- Increasing flexibility to prioritize issues and direct resources to programs that provide the greatest water quality benefit.

To address these objectives the San Diego Water Board met weekly over the past four months with the Copermittees in preparing the Tentative Order to ensure a thorough understanding of the various issues. Those discussions made considerable progress in resolving or reducing differences regarding the municipal action levels for storm water discharges, numeric action levels for non-storm water discharges, the hydromodification management plan, low impact development and consistency issues with the Santa Ana Water Board's MS4 Permit. Numerous modifications were made to the Tentative Order to resolve or narrow the gap over issues in dispute. Overall, this process assisted the San Diego Water Board in achieving its objectives in preparing the Tentative Order, and should allow the Copermittees to provide more focused public comments targeting the areas where disagreement remains for the San Diego Water Board's consideration at the October 13 hearing.

San Diego Water Board discussions with the Copermitees on the Tentative Order will continue during the public comment period. These discussions will focus on remaining areas of dispute including fiscal constraints, unpaved roads, over irrigation, and monitoring requirements.

Water Code (WC) section 13228 provides a way to streamline the regulation of entities whose jurisdictions straddle the border of two or more Regions. WC section 13228 is implemented in the Tentative Order to ease the regulatory burden on Riverside County Storm Water Agencies and Municipalities that lie in both the San Diego Water Board and the adjacent Santa Ana Water Board. Under the terms of the Tentative Order the San Diego Water Board will assume jurisdiction for portions of the Cities of Murrieta and Wildomar currently regulated by the Santa Ana Water Board MS4 Permit, Order No. R8-2010-0033. The Santa Ana Water Board will likewise assume jurisdiction under their MS4 Permit for portions of the City of Menifee that are currently subject to regulation under the San Diego Water Board's MS4 Permit. These arrangements are being implemented in response to the Cities' requests to consolidate these areas under the jurisdiction of one Regional Water Board and through a pending agreement with the Santa Ana Water Board.

The Tentative Order, Attachments, Monitoring and Reporting Program and Fact Sheet are available on the San Diego Water Board's website at http://www.waterboards.ca.gov/sandiego/water_issues/programs/stormwater/rsd_stormwater.shtml. Those wishing to receive future notices and information on the Tentative Order, can subscribe to the electronic e-mailing list titled "Riverside County MS4 Permit" located at http://www.waterboards.ca.gov/resources/email_subscriptions/reg9_subscribe.shtml.

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

1. The Surface Water Ambient Monitoring Program's Report on Contaminants in Fish from Lakes and Reservoirs in California

Staff Contact: Lilian Busse

The Surface Water Ambient Monitoring Program (SWAMP) has released findings from California's largest survey of contaminants in sport fish from lakes and reservoirs ("Lake Survey"). This report summarizes the data from the two-year study. The survey was funded by the United States Environmental Protection Agency (USEPA) and by waste discharge permits fees to the State Water Board. The San Francisco Estuary Institute led the survey on behalf of the State Water Board.

The survey is a preliminary screening of contamination in sport fish of 222 of the most popular fishing lakes and 50 randomly selected lakes in California. The survey focuses on sport fish (primarily rainbow trout, largemouth bass, and common carp) because they provide information on human exposure and also represent the top of the aquatic food chain. Several thresholds by the Office of Environmental Health Hazard Assessment (OEHHA) were applied to the dataset: (1) *Fish Contaminant Goals (FCG)*: estimates of contaminant levels in fish that pose no

significant health risk to humans consuming sport fish at a standard consumption rate of one serving per week, (2) *Advisory Tissue Levels (ATL)*: thresholds that still confer no significant health risk to individuals consuming sport fish in the quantities shown over a lifetime, but take into account the unique health benefits associated with fish consumption and expand the advisory process beyond a simple risk paradigm in order to best promote the overall health of the fish consumer. ATLs are used by OEHHA in developing fish consumption advisories. ATLs have been established for a range of different consumption rates. For example, “no consumption ATLs” are set at levels at which OEHHA would recommend no fish consumption for woman of child bearing age and children.

The survey found methylmercury and polychlorinated biphenyls (PCBs) are the contaminants of greatest concern. Other pollutants including dieldrin, DDT, chlordanes, and selenium were also found but generally at low levels. Mercury contamination is largely a legacy of California mining, but can also reach lakes via atmospheric deposition. PCBs are persistent chemicals that were used primarily in electrical and industrial applications, and tend to be concentrated in urban centers with high amounts of industrial activity.

The following thirteen lakes and reservoirs were sampled in the San Diego region: Lake Henshaw, Lake Wohlford, Dixon Lake, Lake Sutherland, Lake Hodges, Lake Poway, San Vincent Reservoir, El Capitan Lake, Lake Jennings, Loveland Reservoir, Sweetwater Reservoir, Morena Reservoir, and Lower Otay Reservoir. Loveland Reservoir is the only lake where fish samples exceeded the OEHHA no consumption ATL for methylmercury. Ten of the lakes exceeded the ATL level of OEHHA for methylmercury for three servings per week. For PCB concentrations, none of the lake or reservoirs exceeded the OEHHA no consumption levels, but five of the lakes in the San Diego region exceeded the fish contaminant goal for PCBs. Lower Otay Reservoir exceeded the ATL of OEHHA for 2 servings per week.

This survey was the first component of the program tracing sport fish contamination in all water bodies in California. Currently California coastal waters are being surveyed (2009 and 2010). Sport fish from rivers and streams will be sampled in 2011. The public can access results from this survey through the California Water Quality Monitoring Councils “My Water Quality” web portal at:

<http://www.waterboards.ca.gov/mywaterquality/>.

The lake report can be downloaded here:

http://waterboards.ca.gov/water_issues/programs/swamp/lakes_study.shtml

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION

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

August 11, 2010

APPENDED TO EXECUTIVE OFFICER'S REPORT

DATE OF REPORT
August 2, 2010

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

Action Agenda Item	Action Type	Draft Complete	Public Review & Comment	Consent Item
September 8, 2010 Regional Board Meeting San Diego Water Board Office				
Request for Cleanup & Abatement Account Funds for Shipyard Sediment Cleanup and Abatement Order EIR (<i>J. Chan</i>)	Resolution	Yes	90%	Yes
Tentative Order No. R9-2010-0093, rescission of Order Nos. 79-24, 90-16 and 93-112 after termination of discharge (<i>Henning and Osibodu</i>)	Permit Recission	Yes	90%	Yes
Tentative Addendum to Order No. 95-04, Ownership Change for County Creek RV Resort, San Diego Co. (<i>Henning</i>)	Order Addendum	Yes	90%	Yes
Tentative Addendum No. 3 to Order No. 94-69, Ownership Change for Fallbrook Kamp Retreat, San Diego Co. (<i>Osibodu</i>)	Order Addendum	Yes	90%	Yes
NPDES General Permit Hydrostatic Testing and Potable Water Discharge - San Diego Region (<i>Michelle Mata</i>)	NPDES Permit Reissuance	95%	90%	Yes
Knight & Carver Yachtcenter, San Diego Bay (<i>Kristin Schwall</i>)	NPDES Permit Revision	20%	50%	Maybe
US Navy, Naval Base Coronado NPDES Permit Amendment for Steam Condensate Discharges (<i>Kristin Schwall</i>)	NPDES Permit Revision	75%	0%	Yes
Ramona Municipal Water District (<i>Cathryn Henning</i>)	CDO Rescission	100%	50%	No
Ramona Municipal Water District (<i>Cathryn Henning</i>)	Addendum to WDRs	100%	50%	yes
San Elijo JPA Ocean Outfall (<i>Joann Confrancesco</i>)	NPDES Permit Reissuance	80%	0%	No
City of Escondido Ocean Outfall (<i>Joann Confrancesco</i>)	NPDES Permit Reissuance	80%	0%	No
Shelter Island TMDL Implementation (<i>Becker</i>)	Information Item	NA	NA	NA
Ocean Discharger Receiving Water Monitoring Program Updates (<i>Bruce Posthumus</i>)	NPDES Permit Modification	NA	NA	NA
Update of Receiving Water Monitoring Programs--Mid to Small POTWs (<i>Bruce Posthumus</i>)	Information Item	NA	NA	NA

DATE OF REPORT
August 2, 2010

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

Action Agenda Item	Action Type	Draft Complete	Public Review & Comment	Consent Item
October 13, 2010 Regional Board Meeting Temecula (Rancho California Water District Office)				
Adoption Hearing -Riverside County MS4 Permit (<i>Ben Neill</i>)	NPDES Permit Reissuance	0%	0%	No
US Navy--Naval Base San Diego (including Graving Dock) - San Diego Bay (<i>Kristin Schwall</i>)	NPDES Permit Reissuance	80%	0%	No
Waiver for Alternative On-site Wastewater Treatment Systems in Riverside County (<i>Fisayo Osibodu</i>)	New Waiver Issuance	40%	0%	No
Salt and Nutrient Management Plan Guidelines (<i>Robert Pierce</i>)	Resolution	80%	0%	No
Proposed Gregory Canyon Landfill - Fill Permit (Chiara Clemente)	401 Certification and WDRs	50%	0%	No
Proposed Gregory Canyon Landfill - Landfill Permit (<i>Carol Tamaki & Bob Morris</i>)	Hearing: New WDRs	100%	95%	No
Eastern Municipal Water District, Temecula Regional Water Reclamation Facility (<i>C. Means</i>)	ACL	50%	10%	No
November 10, 2010 Regional Board Meeting San Diego Water Board Office				
City of Oceanside Ocean Outfall (<i>J. Cofrancesco</i>)	NPDES Permit Reissuance	0%	0%	?
NPDES General De Minimis Discharges Permit - San Diego Region (<i>Michelle Mata</i>)	NPDES Permit Adoption	75%	0%	No
Poseidon Mitigation Site Approval (<i>Eric Becker & Chiara Clemente</i>)	Tentative Resolution	0%	0%	No
Former Teledyne Ryan Facility (<i>Tom Alo</i>)	CAO Addendum	50%	0%	No

May 2010 - 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 Recovered (gal)	Total Vol Reaching Surface Water	Percent Recovered	Percent Reaching Surface Water	Miles of Pressure Sewer	Miles of Gravity Sewer	Miles of Laterals	Total Number of SSO locations per 100 miles of Sewer	Tot Vol of SSOs Reaching Surface Water per 100 miles of Sewer
Category 1 SSO												
AC/S Environmental Security, MCB Camp Pendleton	Usmc Base, Camp Pendleton CS	1	1,000	500	0	50	0	32	104	80	0.4	0
Chula Vista City	City Of Chula Vista CS	2	19,619	15,020	4,599	76	23	2.6	488	0	0.4	937.4
Leucadia Wastewater District	Leucadia Wastewater District CS	1	10,000	10,000	0	100	0	11.4	191	0	0.4	0
San Diego City	San Diego City CS	1	9,000	3,500	0	38	0	145	3,002.00	2,000.00	0	0
Category 2 SSO												
Chula Vista City	City Of Chula Vista CS	1	50	50	n/a	100	n/a	2.6	488	0	0.2	n/a
Escondido City	Harrf Disch To San Elijo Oo CS	1	5	0	n/a	0	n/a	10.7	365	0	0.2	n/a
Olivenhain MWD	4-S Ranch CS	1	450	450	n/a	100	n/a	5.5	40	0	2.1	n/a
San Diego City	San Diego City CS	1	700	0	n/a	0	n/a	145	3,002.00	2,000.00	0	n/a
TOTALS		9	40824	29520	4599			354.8	7680	4080		

June 2010 - 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 Recovered (gal)	Total Vol Reaching Surface Water	Percent Recovered	Percent Reaching Surface Water	Miles of Pressure Sewer	Miles of Gravity Sewer	Miles of Laterals	Total Number of SSO locations per 100 miles of Sewer	Tot Vol of SSOs Reaching Surface Water per 100 miles of Sewer
Category 1 SSO												
AC/S Environmental Security, MCB Camp Pendleton	Usmc Base, Camp Pendleton CS	1	8,800	8,000	0	90	0	32	104	80	0.4	0
Fallbrook Public Utility Dist	Fallbrook Plant 1, Oceanside of CS	1	300	0	0	0	0	4.6	76.6	0	1.2	0
Laguna Beach City	City Of Laguna Beach CS	1	15	0	15	0	100	4.5	95	0	1	15
San Diego City	San Diego City CS	1	178	45	0	25	0	145	3,002.00	2,000.00	0	0
Santa Margarita WD	Santa Margarita Water District CS	1	150	150	150	100	100	12	600	165	0.1	19.3
Trabuco Canyon WD	Trabuco Canyon Water District CS	1	1,800	0	1,800	0	100	3	44	0	2.1	3,829.70
Category 2 SSO												
AC/S Environmental Security, MCB Camp Pendleton	Usmc Base, Camp Pendleton CS	1	200	200	n/a	100	n/a	32	104	80	0.4	n/a
Buena Sanitation District	Buena CS	1	530	0	n/a	0	n/a	8	98.5	0	0.9	n/a
Chula Vista City	City Of Chula Vista CS	1	25	20	n/a	80	n/a	2.6	488	0	0.2	n/a
Laguna Beach City	City Of Laguna Beach CS	1	2	2	n/a	100	n/a	4.5	95	0	1	n/a
TOTALS		10	12000	8417	1965			248.2	4707.1	2325		

May and June 2010 - Summary of Private Lateral Sewage Discharges in Region 9

Reporting Agency	Collection System	Total Number of PLSD locations	Total Vol of PLSDs (gal)	Total Vol Recovered (gal)	Total Vol Reaching Surface Water	Percent Recovered	Percent Reaching Surface Water	Miles of Private Lateral	Total Number of PLSD locations per 100 miles of Sewer	Tot Vol of PLSDs Reaching Surface Water per 100 miles of Sewer
Category 1 PLSD										
Eastern Municipal Water District	Eastern Municipal Water District CS	1	4,000	4,000	0	100	0	0	0	0
Escondido City	Harrf Disch To San Elijo Oo CS	2	78	48	58	61	74	83.2	2.4	69.7
Oceanside PWD	La Salina WWTP, Oceanside Ofl CS	1	500	250	0	50	0	195	0.5	0
San Diego City	San Diego City CS	5	801	250	0	31	0	4,049.00	0.2	0
Vista City	City Of Vista CS	2	50	50	40	100	80	151.5	1.3	26.4
Category 2 PLSD										
Carlsbad MWD	Carlsbad MWD CS	2	120	700	0	583	0	124	1.6	0
Escondido City	Harrf Disch To San Elijo Oo CS	2	80	50	0	62	0	83.2	2.4	0
Fallbrook Public Utility Dist	Fallbrook Plant 1, Oceanside of CS	1	30	0	0	0	0	18	5.5	0
Padre Dam Municipal Water District	Padre Dam CS	1	30	30	0	100	0	160	0.6	0
Ramona MWD	Santa Maria CS	1	50	50	0	100	0	62	2.5	0
San Diego City	San Diego City CS	4	622	406	0	65	0	4,049.00	0.1	0
South Coast Water District	South Coast Water District CS	2	75	75	0	100	0	150	1.3	0
Vista City	City Of Vista CS	1	10	10	0	100	0	151.5	0.6	0
TOTAL		25	6446	5919	98			9276.4		



**NAVAL BASE POINT LOMA
Public Affairs Office**



PRESS RELEASE

<https://www.cnic.navy.mil/pointloma>

**Tel: (619) 553-7175
POC: Public Affairs Officer**

**140 Sylvester Road
San Diego, CA 92106**

FOR IMMEDIATE RELEASE

Date: June 11, 2010

SAN DIEGO, CA. -- FUEL STORAGE FACILITIES WORK CONTINUES. -- Over the last few months work has continued to speed along on the Point Loma Defense Fuel Supply Point Renovation project.

In April, the final eight options were awarded, after congressional approval, which allows for the full scope of the project to be completed. As part of this work, a tie in to the existing fuel line located onboard NBPL will be installed. This work is currently underway and will continue through the end of June.

To date the government and contractor have put in place several measures to mitigate traffic noise and community impact which have proved to be very successful in maintaining a smooth flow of traffic on the roads on and off base. Other work on site includes proceeding with the mass earth excavation in order to prepare for the installation of the eight tanks expected to commence late summer.

An on-going part of this process we will be installing stone columns into the soil for stabilization prior to placement of the tanks. Expect to see a drill rig with hoppers on them installing these columns over the next few months. Transferring of petroleum hydrocarbon impacted soil continues and is expected to wrap up within the next month. This soil is being removed from the old, above ground, storage tank area for treatment.

In addition, two new tanks have been erected as part of the new Fuel Oil Reclamation (FOR) facility and are nearing completion. The entire FOR facility is expected to be completed in Nov. 2010, allowing for demolition of the existing FOR shortly thereafter. The project is expected to be complete in Jan. 2014.

Please contact the Naval Base Point Loma Public Affairs Officer with any questions at (619) 553-7175.

-NBPL-