



September 2, 2010

California Regional Water Quality Control Board Los Angeles Region Samuel Unger, Interim Executive Officer

Executive Officer's Report

The Executive Officer's Report is not intended to be an exhaustive list, but rather highlights of Regional Board staff activities from the previous month.

Total Maximum Daily Loads (TMDLs)

Release of the Santa Monica Bay Debris TMDL for Public Comment

Eric Wu, Ph.D., P.E.

On July 30, 2010, the Santa Monica Bay Debris TMDL was released for public review. This TMDL addresses discharges of both trash and plastic pellets, which have resulted in impairments to the beneficial uses of the bay. The draft documents are available at: http://www.waterboards.ca.gov/losangeles/board_decisions/basin_plan_amendments/technical_documents/bpa_72_New_td.shtml

The public comment period for this TMDL closes at 4:00 p.m. on September 13, 2010. Responses to public comments will be prepared and revisions to the TMDL will be made, where appropriate. The Regional Board will consider adoption of the Debris TMDL on October 7, 2010.

For further information or questions regarding the Santa Monica Bay Debris TMDL or any other trash TMDLs, please call Dr. Eric Wu at (213) 576-6683.

Groundwater Permitting and Landfills Program

Update on Spills of Wastewater from Sunshine Canyon City/County Landfill

Wen Yang

Two incidents of wastewater spills occurred in January and March of 2010 at a private property (Cloyd Property) adjacent to the Sunshine Canyon City/County Landfill (Landfill) that is owned and operated by Browning Ferris Industries (BFI). A total of up to 150,000 gallons of wastewater generated at the Landfill, including landfill leachate, gas condensate, and contaminated groundwater, was released from a broken pipeline that pass through the Cloyd Property. Wastewater released during the second incident flowed to a natural channel, through two sediment basins, and reached Bee Canyon Creek in Bee Canyon Park in Granada Hills.

In response to the spills, the Executive Officer issued a Notice of Violation (NOV) to BFI on April 7, 2010, and a California Water Code Section 13267 Investigative Order on April 23, 2010, directing BFI to submit a technical report including details of the calculation of the volume of wastewater that was released during the two incidents, maintenance records for the sewer line, an analysis of the impacts of the discharge of wastewater on the beneficial uses of receiving waters, and any action taken by BFI to prevent future occurrences of a similar nature. In response, BFI submitted a report to

*Our mission is to preserve
and enhance the quality of
California's water resources
for the benefit of present and
future generations.*

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the Regional Board on May 25, 2010, that addressed all requirements in the Investigation Order. In a letter dated August 3, 2010, the Executive Office deemed the report acceptable and required no further action under the Investigation Order.

Following the second incident of wastewater release, the landfill BFI permanently terminated all discharges to the pipeline on March 22, 2010. Since then, leachate and contaminated groundwater extracted at the Landfill have been treated and used onsite for irrigation and dust control, as permitted in the Waste Discharge Requirements. Gas condensate generated at the Landfill has been hauled to Southern California Waste Water in Santa Paula for treatment and disposal. BFI is in the process of constructing a new wastewater treatment facility at the entrance area of the Landfill to reach the goal of treating and reusing all wastewater generated at the Landfill. During a site inspection conducted on June 21, 2010, Regional Board staff verified that the broken pipeline was inactive. BFI indicated to staff that it was in the process of negotiating with the owner of the Cloyd Property to decommission the PVC pipeline. However, any pipeline decommissioning must be approved by the Regional Board Executive Officer and has to wait until after September 1, 2010, when the bird nesting season is over in southern California.

Underground Storage Tank Program

Completion of Corrective Action at Leaking Underground Fuel Storage Tank Sites

Yue Rong

Regional Board staff have reviewed corrective actions taken for soil and/or groundwater contamination problems from leaking underground storage tanks for the time of **June 3, 2010** through **August 6, 2010**, and determined that no further corrective actions are required for the following sites:

- Former Mobil Oil Service Station, Paramount (R-038112)
- Former Shell Station, Carson (I-00047)
- Thrifty Service Station #254, Hawthorne (I-10947)
- The Reeves Trust Property, Sylmar (913421407)
- Former Shell Station, Los Angeles (900490143)
- Vacant Lot, Los Angeles (900020061)
- Thrifty Oil #273, Huntington Park, (R-10952)
- LA County Fire Station #187, Pomona (R-12422)
- Anderson Lithograph, Commerce (R-07791)
- 76 Service Station, La Mirada (R-03980)
- Red Carpet Car Wash, Manhattan Beach (R-09687)
- Jamison Property, Los Angeles (900200161)
- Chevron Station No. 9-2445, Gardena (I-11704)
- Lucy Washington and Michael Niven Site, Beverly Hills (R-53545)
- Shell Service Station, Monterey Park (I-09314A)
- Former Mobil #18-GHD, Santa Fe Springs (R-09347)
- Former Mobil Station No. 99HCA, Hawthorne (R-46957)
- ExxonMobil Station 18JT6, Canoga Park (913030934)
- Arco (Former), Venice (902910161)
- Inglewood Transmission, Inglewood (R-12834)
- Kingsley Automotive, Los Angeles (900050061)
- California National Bank, Los Angeles (900120507)

For the case closure sites above, a total of **4,117** tons of impacted soils were excavated and **26,608** pounds of hydrocarbons were removed by soil vapor extraction system. In addition, **44,144** gallons of impacted groundwater were treated.

Executive Officer issued general Waste Discharge Requirements (WDRs)

Yue Rong

The Executive Officer, on behalf of the board, issued 3 general Waste Discharge Requirements (WDRs) to Power Gas Station, located in Los Angeles (6/17/2010), Arco Station #5093, located in Carson (7/28/2010), and ConocoPhillips station, located in Long Beach (8/4/2010). The WDRs issued for injection of oxygen generation compounds and ozone to the impacted aquifer for in-situ groundwater cleanup, which is designed to save water resources by avoiding discharging the treated water to the ocean.

Watershed Management

Boeing—Santa Susana Field Laboratory (SSFL)

NPDES

The Regional Board adopted the NPDES permit (Order No. R4-2010-0090) for Boeing for SSFL Facility on June 3, 2010.

The Boeing Company filed a petition for review of Waste Discharge Requirements (Order No. R4-2010-0090). Boeing asked the State Board to hold the petition in review in abeyance.

State Board has decided to hold the matter in abeyance from the date the petition was filed (July 6, 2010), for two years.

2009 Interim Source Removal Action (ISRA) Expendable Launch Vehicle (ELV) Site Soil Removal and Disposal

The 2009 ISRA ELV site excavation areas ELV-1C and ELV-1D are located on National Aeronautics and Space Administration (NASA) property and the excavation activities are currently on hold. Department of Toxics Substance Control (DTSC) has requested additional soil samples be collected to further evaluate the distribution of Cesium-137 in soils in the areas surrounding the ELV excavation areas. Some of those adjacent soils were found to have Cesium-137 at concentrations exceeding the Santa Susana Field Laboratory (SSFL) background levels.

These samples have no bearing on the ISRA activities and are requested as part of the Resource Conservation and Recovery Act (RCRA) assessment and cleanup. NASA agreed to segregate the areas that included the areas that DTSC wished to have sampled. The sampling was to occur during the RCRA assessment and cleanup activities. NASA continues to work with DTSC to resolve questions raised by the public regarding disposal of the ELV soils. No action is planned to be taken until this is resolved. NASA representatives met with DTSC on-site to identify potential future DTSC sampling locations adjacent to the ELV ISRA areas. These locations have been marked by NASA and will not be disturbed to preserve the ability to conduct future sampling, if required. Also, DTSC is pursuing consultation with the *Nuclear Regulatory Commission (NRC) site decommissioning staff on this issue and hopes to have the input by the end of August.*

ISRA Activities Progress Report

The following is the monthly progress report on the Interim Source Removal Action (ISRA) activities for the period of June 17, 2010 to July 26, 2010.

Weekly team meetings have been held to track the ISRA activities since April 16, 2009. During this reporting period, the meeting participants have consisted of Regional Board staff, DTSC staff, Ventura County staff, Surface Water Expert Panel Members, Boeing, and NASA. For the period from mid-June to mid-July, the primary activities have been completing the contractor selection process for 2010 implementation activities, conducting preparatory activities for excavation at 2010 ISRA Areas (final staking, utilities clearance, BMP installation, and the pre-field biological survey, pre-field site walk). The Army Corps of Engineers (ACOE) issued the Section 404 permit, the Regional Board provided approval of the 2010 ISRA Work Plan Addendum, and Ventura County provided approval of the 2010 grading permit application. Field work began at the 2010 ISRA areas (Boeing property) on July 20, 2010. Routine inspections of the field work are being conducted by Ventura County and Regional Board staff. In addition, inspections of BMPs at Phase I (2009) Outfall 008 and 009 ISRA areas were conducted biweekly by Boeing during the non-rainy season, per the ISRA SWPPP.

Completed Tasks - June 17, 2010 to July 26, 2010

- June 17, 2010 - Collected additional waste characterization samples for 2010 ISRA areas on Boeing property.
- June 23, 2010, July 7, 2010 and July 20, 2010- Boeing inspected BMPs at Phase I (2009) ISRA areas during the non-rainy season (biweekly), per the SWPPP.
- June 21, 2010 - ACOE issued Section 404 permit.
- June 28, 2010 - July 16, 2010 – Boeing conducted final staking of 2010 ISRA areas (Boeing property), conducted utilities survey, and installed BMPs.
- June 30, 2010 – Boeing submitted Annual Certification of Compliance with 2009 ISRA SWPPP to Regional Board.
- June 30, 2010 – Boeing prepared Q2 2010 Quarterly Progress Report, including an appendix presenting Performance Monitoring sampling results from the 2009/2010 rainy season, and submitted to Regional Board. The report is also posted on the ISRA website at: http://www.boeing.com/aboutus/environment/santa_susana/isra.html
- June 30, 2010 – Regional Board staff reviewed the RTC on the 2010 ISRA Work Plan Addendum and provided approval for the 2010 ISRA Work Plan Addendum.
- July 1, 2010 – Boeing conducted a pre-field biological survey at 2010 ISRA areas (Boeing property).
- July 2, 2010 – Boeing finalized the Biological Report for 2010 ISRA areas and submitted to the Regional Board.
- July 2-8, 2010 - Boeing/NASA selected contractor for 2010 ISRA activities and conducted pre-construction meeting.
- July 8, 2010 – Boeing conducted final pre-field site walk of 2010 ISRA areas (Boeing property). Regional Board and Ventura County participated in the site walk.
- July 8, 2010 – Boeing notified the community of the implementation schedule
- July 12, 2010 - NASA finalized the 2010 ISRA excavation areas based upon data gap sample results.
- July 13, 2010 - Ventura County completed review of the 2010 Grading Permit application and issued permit.

- July 14, 2010 -- [BoeingRe](#) reviewed waste characterization sampling data with Regional Board staff.
- July 20, 2010 - Began planned excavation activities at 2010 ISRA areas (Boeing property).
- July 20, 2010 - Excavation activities inspected by Ventura County
- July 21, 2010 - Boeing confirmation sampling plan for CTLI-1A and CTLI-1B ISRA areas and reviewed with RWQCB, DISC, Ventura County, NASA and the Surface Water Expert Panel.
- July 22, 2010- Excavation activities inspected by Peter Rafferty of Regional Board.
- July 26, 2010 - Waste Characterization data for the Boeing 2010 ISRA areas posted on the ISRA website.

Disposal of Non-hazardous Soils

Offsite disposal of the soil will be conducted by Boeing according to the 2010 ISRA Transportation Plan submitted to the RWQCB on May 28, 2010, also approved by the RWQCB in the June 30, 2010 letter. The Transportation Plan currently states non-hazardous soils will be transported to Chemical Waste Management's Antelope Valley Recycle and Disposal Facility. Boeing provided a letter, dated August 4, 2010, to document the addition of the McKittrick Waste Treatment Site as an option for offsite disposal of non-hazardous soils removed during ISRA. The McKittrick Waste Treatment Site is a Class II disposal facility in McKittrick, California. The facility address and contact person are listed below.

Facility Address

McKittrick Waste Treatment Site
56533 Highway 58 West
93251

Facility Contact

Esther Salazar
Tel: (559) 834-9151 x259 McKittrick, CA

Offhaul trucks travelling to the McKittrick Waste Treatment Site will follow the primary or alternative route to State Route 118 (the Ronald Reagan Freeway). Once on State Route 118, vehicles will travel east on State Route 118, merge onto northbound 1-405 (the San Diego Freeway), and then merge onto northbound 1-5 and proceed for approximately 99 miles. Vehicles will take exit 257 toward McKittrick/Buttontwillow/State Highway 58, turn right onto Tracey Avenue, and then turn right onto State Highway 58. Vehicles will proceed west on State Highway 58 for approximately 16 miles, then turn left onto CA-33 S/2nd Street, and proceed on CA-33 S. Vehicles will turn right onto an unnamed road before reaching Melody Hills Road, and then turn left into the facility.

Shipment of the non-hazardous soils from the first ISRA location to the McKittrick landfill began on August 9, 2010. 10 loads will be shipped per day. .

Enforcement Unit

NPDES Facility Inspections

Enforcement Unit NPDES inspector conducted inspections at 8 facilities with NPDES Permits since July 8, 2010 to September 2, 2010. Inspection of these facilities is a required part of the NPDES program.

ACL Complaint for MMP:

Complaint for mandatory minimum penalty No. R4-2008-0069-M was issued to City of Burbank. (Permittee) on July 29, 2010 in the amount of \$87,000 for alleged violations of Regional Board Order No. R4-2006-0085, NPDES Permit No. CA0055531. The Permittee has until August 30, 2010 to respond.

13267 Order:

A 13267 Order to Submit Information Letter was issued to the County of Los Angeles Department of Public Works on July 30, 2010 for the June 29, 2010 discharge of crude oil at 800 Spruce Lake Drive in Harbor City, CA. The Discharger has until August 30, 2010 to submit the required information and report to the Regional Board.

A 13267 Order to Submit Information Letter was issued to Brea Canyon Oil Company on July 30, 2010 for the June 29, 2010 discharge of crude oil at 800 Spruce Lake Drive in Harbor City, CA. The Discharger has until August 30, 2010 to submit the required information and report to the Regional Board.

A 13267 Order to Submit Information Letter was issued to the City of Avalon on July 14, 2010 for the July 1, 2010 unpermitted discharge of raw sewage at 123 Pebbly Beach Road in Avalon, CA. The Discharger has until August 13, 2010 to submit the required information and report to the Regional Board.

Expedited Payment Program:

SETTLEMENT OFFER NO. R4-2010-0138-M was issued to Hollywood Community Housing Corp., on August 3, 2010, in the amount of \$ 9,000 for alleged violations of Regional Board Order No. R4-2003-0111, NPDES Permit No. CAG994004 for Mariposa Place Apartments. The Permittee has until September 2, 2010 to respond.

SETTLEMENT OFFER NO. R4-2010-0137-M was issued to William Morris Endeavor Entertainment , on August 3, 2010, in the amount of \$ 6,000 for alleged violations of Regional Board Order No. R4-2003-0111, NPDES Permit No. CAG994004 for William Morris Plaza. The Permittee has until September 2, 2010 to respond.

SETTLEMENT OFFER NO. R4-2010-0136-M was issued to Schaffel Development Co. Inc., on August 3, 2010, in the amount of \$ 24,000 for alleged violations of Regional Board Order No. R4-2003-0111, NPDES Permit No. CAG994004 for the Longridge Condominium Project. The Permittee has until September 2, 2010 to respond.

SETTLEMENT OFFER NO. R4-2010-0135-M was issued to City of Santa Clarita, on August 3, 2010, in the amount of \$ 3,000 for alleged violations of Regional Board Order No. R4-2003-0111, NPDES Permit No. CAG994004 for the San Francisquito Canyon Creek Trail Repair Project. The Permittee has until September 2, 2010 to respond.

SETTLEMENT OFFER NO. R4-2010-0134-M was issued to City Los Angeles DWP, on August 3, 2010, in the amount of \$ 3,000 for alleged violations of Regional Board Order No. R4-2008-0032, NPDES Permit No. CAG994004 for the First Street Trunkline Project. The Permittee has until September 2, 2010 to respond.

SETTLEMENT OFFER NO. R4-2010-0133-M was issued to Los Angeles County Museum of Art, on August 3, 2010, in the amount of \$ 21,000 for alleged violations of Regional Board Order Nos. R4-2003-0111 and R4-2008-0032, NPDES Permit No. CAG994004 for the Broad Contemporary Art Museum Building Project. The Permittee has until September 2, 2010 to respond.

SETTLEMENT OFFER NO. R4-2010-0132-M was issued to Long Beach Water Department, on Au-

gust 3, 2010, in the amount of \$ 3,000 for alleged violations of Regional Board Order No. R4-2004-0088, NPDES Permit No. CA0064530 for Long Beach Prototype Sea Water Desalination. The Permittee has until September 2, 2010 to respond.

SETTLEMENT OFFER NO. R4-2010-0131-M was issued to Wilshire Vermont Housing Partners LP., on August 3, 2010, in the amount of \$ 3,000 for alleged violations of Regional Board Order No. R4-2003-0111, NPDES Permit No. CAG994004 for the Wilshire Vermont Station. The Permittee has until September 2, 2010 to respond.

SETTLEMENT OFFER NO. R4-2010-0130-M was issued to California Water Service Co., on August 3, 2010, in the amount of \$ 9,000 for alleged violations of Regional Board Order No. R4-2003-0108, NPDES Permit No. CAG994005 for East Los Angeles Water Supply Wells. The Permittee has until September 2, 2010 to respond.

SETTLEMENT OFFER NO. R4-2010-0129-M was issued to California Water Service Co., on August 3, 2010, in the amount of \$ 6,000 for alleged violations of Regional Board Order No. R4-2003-0108, NPDES Permit No. CAG994005 for Dominguez Channel Watershed Potable Water Wells. The Permittee has until September 2, 2010 to respond.

SETTLEMENT OFFER NO. R4-2010-0128-M was issued to Golden State Water Company., on August 3, 2010, in the amount of \$ 21,000 for alleged violations of Regional Board Order No. R4-2004-0058, NPDES Permit No. CAG994003 for Century Plant. The Permittee has until September 2, 2010 to respond.

SETTLEMENT OFFER NO. R4-2010-0126-M was issued to Ashland Inc., on August 3, 2010, in the amount of \$15,000 for alleged violations of Regional Board Order Nos. R4-2002-0107 and R4-2007-0022, NPDES Permit No. CAG914001 for Groundwater Treatment System. The Permittee has until September 2, 2010 to respond.

SETTLEMENT OFFER NO. R4-2010-0125-M was issued to Sikh Study Circle Inc., on August 3, 2010, in the amount of \$ 6,000 for alleged violations of Regional Board Order No. R4-2003-0111, NPDES Permit No. CAG994004 for 1966 N. Vermont Avenue. The Permittee has until September 2, 2010 to respond.

SETTLEMENT OFFER NO. R4-2010-0124-M was issued to CBS Corporation, on August 3, 2010, in the amount of \$ 6,000 for alleged violations of Regional Board Order No. R4-2003-0111, NPDES Permit No. CAG994004 for 7800 Beverly Blvd.. The Permittee has until September 2, 2010 to respond.

SETTLEMENT OFFER NO. R4-2010-0123-M was issued to Cochran Island Apartments, on August 3, 2010, in the amount of \$ 9,000 for alleged violations of Regional Board Order Nos. R4-2003-0111 and R4-2008-0032, NPDES Permit No. CAG994004 for 342 Cochran Island Apartments. The Permittee has until September 2, 2010 to respond.

SETTLEMENT OFFER NO. R4-2010-0099-M was issued to Magic Mountain, LLC. on July 14, 2010, in the amount of \$57,000 for alleged violations of Regional Board Order Nos. R4-2005-0036 and R4-2008-0209, NPDES Permit No. CA0003352 for Six Flags Magic Mountain, Valencia. The Regional Board received payment in full on July 29, 2010.

SETTLEMENT OFFER NO. R4-2010-0100-M was issued to Mercury Casualty Company on July 21, 2010, in the amount of \$9,000 for alleged violations of Regional Board Order No. R4-2003-0111, NPDES Permit No. CAG994004 for Home Office building. The Permittee submitted a signed waiver on July 27, 2010.

SETTLEMENT OFFER NO. R4-2010-0103-M was issued to the City of Gardena on July 26, 2010, in the amount of \$3,000 for alleged violations of Regional Board Order No. 95-097, NPDES Permit No. CA0056413 for Primm Memorial Swimming Pool. The Permittee has until August 26, 2010 to respond.

SETTLEMENT OFFER NO. R4-2010-0114-M was issued to ConocoPhillips Co. on July 23, 2010, in the amount of \$84,000 for alleged violations of Regional Board Order No. R4-2004-0173, NPDES Permit No. CA0059846 for Los Angeles Lubricants Plant. The Permittee has until August 23, 2010 to respond.

SETTLEMENT OFFER NO. R4-2010-0116-M was issued to California Portland Cement Company on July 27, 2010, in the amount of \$33,000 for alleged violations of Regional Board Order Nos. R4-2002-0101 and R4-2008-0125, NPDES Permit No. CA0002992 for Catalina Pacific Concrete Co. The Permittee has until August 27, 2010 to respond.

STIPULATED ORDER ON SETTLEMENT OFFER R4-2010-0034-M was issued to the Chong Ho Lim (Permittee) on August 5, 2010 in the amount of \$30,000 for alleged violations of Regional Board Order No. R4-2008-0032, NPDES Permit No. CAG994004 for Maplewood Apartments. On April 14, 2010, Chong Ho Lim accepted the Regional Board's offer to participate in the Expedited Payment Program and waived his right to a hearing.

STIPULATED ORDER ON SETTLEMENT OFFER R4-2010-0035-M was issued to the City of Inglewood (Permittee) on August 4, 2010 in the amount of \$3,000 for alleged violations of Regional Board Order No. R4-2003-0108, NPDES Permit No. CAG994005 for Water Wells No. 1, 2, 4 and 6. On April 14, 2010, City of Inglewood accepted the Regional Board's offer to participate in the Expedited Payment Program and waived his right to a hearing.

STIPULATED ORDER ON SETTLEMENT OFFER NO. R4-2010-0042-M was issued to G & M Oil Company, Inc. (Permittee) on August 4, 2010 in the amount of \$48,000 for alleged violations of Regional Board Order Nos. R4-2002-0125 and R4-2007-0021, NPDES No. CAG834001. On April 21, 2010 for Station #23. On May 11, 2010, G & M Oil Company, Inc. accepted the Regional Board's offer to participate in the Expedited Payment Program and waived his right to a hearing.

STIPULATED ORDER ON SETTLEMENT OFFER R4-2010-0035-M was issued to the City of Inglewood (Permittee) on August 4, 2010 in the amount of \$3,000 for alleged violations of Regional Board Order No. R4-2003-0108, NPDES Permit No. CAG994005 for Water Wells No. 1, 2, 4 and 6. On April 14, 2010, City of Inglewood accepted the Regional Board's offer to participate in the Expedited Payment Program and waived his right to a hearing.

STIPULATED ORDER ON SETTLEMENT OFFER NO. R4-2010-0042-M was issued to G & M Oil Company, Inc. (Permittee) on August 4, 2010 in the amount of \$48,000 for alleged violations of Regional Board Order Nos. R4-2002-0125 and R4-2007-0021, NPDES No. CAG834001. On April 21, 2010 for Station #23. On May 11, 2010, G & M Oil Company, Inc. accepted the Regional Board's offer to participate in the Expedited Payment Program and waived his right to a hearing.

Remediation Section

Proposed Central Region Elementary School #13 Los Angeles Unified School District (LAUSD) Angelica Castaneda

On March 15, 2010, the Regional Board issued a General Waste Discharge Requirements (WDR No. R4-2007-0019, Series 119, CI-9579) for a pilot test to remediate petroleum hydrocarbons and chlorinated solvents at the capillary fringe and in shallow groundwater under the proposed elementary school.

The project is under the lead of the Department of Toxic Substances Control for assessment and remediation. Regional Board staff worked closely with the lead Agency and the LAUSD to issue the permit on time

to meet the strict remediation schedule prior to the school opening in the fall of 2010.

The remediation mixture BIOX® was sprayed at the bottom of an open excavation in June 2010. Recent reports indicate that the application worked according to plan. The excavation was backfilled with clean soil and the school plans to start classes in the fall.

Former Athens Tank Farm Site, Ujima Village and Earvin Magic Johnson Regional Park

Dr. Teklewold Ayalew

The soil and groundwater assessment of the Former Athens Tank Farm (Ujima Village and Earvin Magic Johnson Regional Park) site is ongoing. At this time the initial site assessment has been completed at both Ujima Village and the Earvin Magic Johnson Regional Park. Test results indicate that subsurface soils at several locations across the site contain elevated levels of petroleum hydrocarbons and related chemicals. For Ujima Village, a human health screening risk evaluation was performed using indoor and outdoor air quality and shallow soil data. At this time, the data indicates that there is no health risk to occupants. There are proposed sports improvement areas located in the park. Shallow soil samples were taken from these areas and a preliminary human health screening risk evaluation was performed and DTSC toxicologist concluded that there is no health risk to park users or employees. A full scale Human Health Risk Assessment Report for the entire Former Athens Tank Farm has been submitted to Regional Board and review is in progress.

In addition, there are two artificial lakes situated on the site. As part of the site assessment, a multi-media lake investigation was conducted and the findings indicate the presence of chemicals of concern in fish. Therefore, the Regional Board directed the County of Los Angeles to further evaluate the initial fish findings under the direction of the Office of Environmental Health Hazard (OEHHA), who is the appropriate state agency for fish consumption advice.

OEHHA completed its review of the fish findings; and on June 29, 2010 released the fish consumption advisory guidelines for the two artificial lakes. These guidelines were developed by OEHHA and based on a study of methyl-mercury and polychlorinated biphenyl (PCB) concentrations in fish tested from the lakes in 2009. Some fish species tested (particularly largemouth bass and carp) from these waters showed high contaminant levels; and consumption guidelines are provided for each species commonly present in the lake and serve to protect against possible adverse health effects from consuming contaminated fish. Additionally, the guidelines provide information to aid consumers in selecting fish species that are lower in contaminants.

Former Kast Property Tank Farm

Dr. Teklewold Ayalew

As part of the ongoing investigation of the former Kast property tank farm, Residential Sampling across the Carousel neighborhood, on-site and off-site multi-media sampling on public streets, and a follow-up air quality investigation at the Wilmington Middle School are currently underway. The ongoing activities and summary of completed items are as follows:

- 1) 166 homes have been screened for methane (58%),
- 2) 163 homes have had soils sampled and vapor probes installed (57%);
- 3) 145 homes have had sub-slab soil vapor probes sampled (51%);
- 4) 1 home had indoor air sampling; and
- 5) 11 Non - Litigated homeowners have been contacted to schedule testing
- 6) 92 Interim Residential Sampling Reports have been submitted to Regional Board and OEHHA;
- 7) Regional Board and OEHHA have completed review of the reports and issued a response letter to Shell Oil Products US and copy sent to individual homeowners

- ◆ Risk / Hazard indices < than 1
- i. 40 homes - based on results from sub-slab soil vapor samples
- ii. 10 homes – based on results from soil samples
- iii. Risk / Hazard Indices > than 1
- iv. 52 homes – based on results from sub-slab soil vapor samples
82 homes – based on results from soil samples
- 8) Installation 5 additional groundwater monitoring wells completed.
- 9) Installation of 50 additional multi-depth soil vapor probes on public streets completed; vapor sampling ongoing.
- 10) An investigation of the vadose zone and upper saturated zone soils using CPT/UVOST pushes at 15 additional locations is currently underway.

On June 28, 2010 the Regional Board issued a Tentative Cleanup and Abatement Order (TCAO) with a provision of a 30-day window for public comment. The Regional Board held a public meeting on July 19, 2010 and discussed the contents of Tentative CAO and also updated the status of the investigation. The Tentative CAO requires Shell to 1) complete delineation of contamination in all media, 2) conduct groundwater monitoring, and 3) conduct remedial action. The Regional Board has received public comments towards the Tentative CAO and currently the comments under consideration. The final CAO will be issued in September 2010.

Honeywell Site A

Steve Rowe

The Honeywell Site A facility (Site) is a 32-acre commercial property located within a mixed commercial and residential area of Torrance, California. Prior to 1960, the Site was undeveloped. Since 1961, the property has been used for manufacturing aerospace components and chlorinated solvents were used as degreasing agents for cleaning equipment and parts until the mid-1990s. Since 2000, portions of the Site have been sold and redeveloped as commercial office properties.

Soil and groundwater are impacted with volatile organic compounds (VOCs), including 1,1,1-trichloroethane (1,1,1-TCA), 1,1-dichloroethene (1,1-DCE), tetrachloroethene (PCE), and trichloroethene (TCE). Groundwater is also impacted with 1,4-dioxane. Groundwater monitoring of perched and deeper aquifer wells is conducted on a quarterly basis. In 2002, an 8-month soil vapor extraction (SVE) pilot test was completed in the western portion of the Site to evaluate SVE design parameters. However, to date there has been no remediation at the Site. Soil vapor delineation is mostly complete, but some data gaps remain. The lateral and vertical extent of contaminated groundwater both onsite and offsite has not been fully delineated.

In June 2009, Honeywell submitted workplans to the Regional Board for further groundwater delineation and soil data gap investigation of former source areas to provide additional data for soil remediation. The Regional Board issued a CWC 13267 Order dated November 19, 2009 that provided conditional approval for this work. Following several conference and emails to discuss the requirements, the Regional Board issued a revised work scope concurrence letter dated March 26, 2010. Honeywell submitted a workplan to characterize the vertical extent of groundwater; the workplan was approved in a Regional Board letter dated April 8, 2010. Honeywell installed three the deep onsite groundwater monitoring wells in mid-April 2010 and had completed their soil data gap assessment work in late June 2010. Offsite groundwater well installation activities were completed in mid-July. Honeywell is in the process of preparing a report of these activities for the Regional Board to review.

On April 29, 2010, Regional Board staff met with Honeywell and their consultant to discuss plans for partial redevelopment in one of Honeywell's onsite buildings (Building 1/5) into a community church. Prior to

redevelopment and occupancy approval, the City of Torrance requires that an approved human health risk assessment (HHRA) be conducted for the building and the results of that HHRA must verify that there are no unacceptable health risks for future occupants. Because of the rapid timeframe for building redevelopment, Honeywell has requested that this work be expedited by all parties involved. Honeywell also requested that the Regional Board prepare a land use covenant (deed restriction) that limits the redevelopment to commercial-use only and restricts usage (e.g., no daycare facilities). In May 2010, Honeywell conducted indoor air sampling of Building 1/5 and prepared a summary HHRA report dated June 16, 2010 and submitted to the Regional Board. The HHRA report is currently being reviewed by the Office of Environmental Health Hazard Assessment (OEHHA), who will determine if the existing site conditions pose unacceptable risk and make recommendations to Regional Board staff.

Former Honeywell Property Located at 850 South Sepulveda Boulevard, City of El Segundo

Dr.Noori Alavi

Background

Since 1996, Regional Board has been providing regulatory oversight for the characterization, cleanup and monitoring of the volatile organic compounds (VOCs) in soil and groundwater at the Site.

Between 1996 and 2004, various consultants conducted several investigations at the Site which included soil, soil vapor, and groundwater sampling across the Site. The Site investigations identified two distinct vapor and groundwater plumes, beneath the Site. They are as follow:

Refrigerant Plant (RP) vapor plume primarily consists of carbon tetrachloride and chloroform, and **South West Corner Lot (SWCL) plume** consists of trichloroethylene (TCE) and cis-1, 2-dichloroethene (cis-1, 2-DCE) (see attached figure).

REMEDICATION UPDATE:

Soil:

RP vapor plume activities: Construction of Soil Vapor Extraction (SVE) Remedial System is installed, being tested, and testing should be completed by the third quarter 2010.

SWCL vapor plume Activities:

SVE system operations started in March 2007.

A total of approximately 150 pounds of VOCs including cis-1, 2-DCE and TCE were recovered.

Asymptotic levels were reached in 2009, and subsequently the system was shut down;

On February 18, 2010, Regional Board approved the Work Plan for System Optimization and Air Sparging (AS) Pilot Test for groundwater treatment beneath the SWCL.

Implementation of Work Plan including additional soil vapor assessment and AS pilot testing is in progress.

Groundwater:

In June 2008 and February 2010, Regional Board approved a work plan to conduct two pilot tests for two source zone treatment areas, using in-well air stripping (IWS) technology at the former Refrigerant Plant area and air sparging/soil vapor extraction (AS/SVE) at the SWCL area.

Implementation of the two pilot study plans for the IWS and AS/SVE remedial systems are currently in progress.

Inter-Agency Meetings

Adnan Siddiqui

Water Replenishment District (WRD) in Long Beach on July 22, 2010

Regional Board staff will be participating in the meeting attended by representatives from the United States Environmental Protection Agency (USEPA), United States Geological Survey (USGS), California Department of Toxic Substances Control (DTSC), California Department of Public Health (DPH), City of Santa Fe Springs and water purveyors. The participants share information on the status of highly impacted sites under Regional Board, DTSC and USEPA oversight and located within the WRD area (West Coast Basin and Central Basin of the Los Angeles Coastal Plain). One goal of the group is to coordinate efforts to prevent threat to the drinking water supply wells in the area from impacted sites.

Brownfields Funding Workshops on July 28, 2010

The USEPA, DTSC and State Water Resources Control Board (SWRCB) are conducting workshops in July across the state to inform stakeholders the availability and eligibility criteria for securing funding to perform assessment and cleanup of impacted sites within urban areas to reduce blight, encourage redevelopment and create jobs. The Los Angeles Regional Water Quality Control Board is hosting the workshop on July 28, 2010.

CIM-Pico (Midtown Crossing Shopping Center), Los Angeles

Bizuayehu Ayele

CIM-Pico is a 12-acre property located at the intersection of Pico and San Vicente Boulevards in the Mid City neighborhood of Los Angeles. The property is being redeveloped by the owner, the CIM Group (CIM), into a multi-tenant building housing tenants such as Starbucks and Panda Express and a retail center to be occupied by Lowe's.

Since 1880s, different portions of the site have been historically occupied by a railroad electrical generation facility, a Sears retail store and auto service/fueling facility, a lumber yard, and a Metropolitan Transport Authority (MTA) bus loading area and turnaround terminal.

The Regional Board considers the site a brownfield case and has been overseeing site assessment and cleanup since approximately 2004 after CIM discovered soil and groundwater contamination during a pre-purchase environmental due diligence. The soil and groundwater contamination is attributed to releases of chemicals containing mainly petroleum hydrocarbons and benzene and associated compounds from historical operations at the site.

From September 2004 to September 2005, over 5000 tons of petroleum hydrocarbon impacted soil has been excavated from different areas of concern at the site and disposed offsite at permitted facilities. Further soil remediation and site assessment is being conducted under the Regional Board's oversight. Groundwater monitoring is also underway to assess and evaluate the contaminants identified in the groundwater.

Once site cleanup is completed and after ensuring that site closure requirements are met, the Regional Board will grant site closure to CIM, paving the way for the property to be restored.

Watson Industrial Center, Carson

Greg Bishop

The property is an industrial neighborhood containing pipelines that have been operated by multiple entities for decades. Five known releases are known to affect the property, including LNAPL petroleum releases

originating from off-site at the BP/ARCO refinery to the east. A diving plume toward production ground-water zones appears to exist beneath the Watson Industrial Center. Regional Board technical staff, management, and legal counsel have been working closely with the land owner (Watson Land Company) and oil company representatives (Shell Pipeline Company) to determine responsible parties and to make progress toward full assessment and remediation.

ConocoPhillips East Terminal No. 0381, Los Angeles

Greg Bishop

The facility has operated in an industrialized portion of Los Angeles County as a petroleum tank farm since the 1940s and was associated with petroleum production prior to that. It has experienced one or more substantial petroleum releases that affect off-site properties. Regional Board staff finalized Cleanup and Abatement Order No. R4-2010-0011 in February 2010. Regional Board staff more recently reviewed reports and work plans for additional shallow water assessment, an expanded LNAPL recovery system, and for additional shallow soil vapor and indoor vapor sampling to evaluate human health risks. Staff also set requirements for deeper groundwater investigation to be performed by ConocoPhillips and facilitated negotiations with neighboring property owners for off-site sampling access.

Responsible Party to Resume Site Assessment and RAP Preparation, Santa Fe Springs, California

Don Indermill

The Los Angeles Regional Water Quality Control Board (LARWQCB) has directed Lakeland Development Company to resume on- and off-site assessment activities and perform pilot testing of potential remedial technologies in preparation for a Remedial Action Plan. Site activity had stalled due to neighboring property owners not granting access and an insurance company not providing financing, but these impediments have been reduced for the current time. The site is sought as a redevelopment zone by the City of Santa Fe Springs, California.

Status Report on Excello Activities in the Glendale Operable Unit

Larry Moore

The Site submitted a work plan to develop a Remedial Action Plan (RAP) in October 2009. The work plan was reviewed by the Regional Board and USEPA and comments were provided to the Site in November 2009. The work plan was approved in December 2009 at which time the Site began working on developing the RAP. The “draft” RAP was submitted in January 2010. The RAP was reviewed by the Regional Board and the United States Environmental Protection Agency (USEPA) and comments were provided to the Site in March 2010 and in July 2010, the Site provided responses to these “draft” RAP comments. In the latter part of July 2010, a meeting will be held between the Regional Board, USEPA and the Site to discuss and review the Site’s responses. Once the “draft” RAP comments have been addressed and revised RAP submitted and approved, then the Site will begin work on implementing the RAP. As part of the RAP approval, a secondary work plan was reviewed and approved by the Regional Board and USEPA. This secondary work plan presented the technical approach (i.e., remedial approach) that will be implemented as part of the RAP.

Regional Board staff is still awaiting information on the Site’s sale from the existing property owner to Kroger/Ralphs. The sale price information will be used to process the existing property owner’s “Ability to Pay (ATP)” request with the State Water Resources Control Board (SWRCB). This information will be provided by the existing Site’s legal counsel, and specifically will assist SWRCB staff to determine the liquid assets of the Site and to recommend whether funding is available to complete cleanup of onsite soil and groundwater. As stated in previous reports, Ralphs, which owns the property to the north, east, and west of the Site and conducts 24-hour trucking operations, is interested in providing the funds necessary to complete the onsite soil cleanup to meet the Regional Board’s Cleanup and Abatement Account (CAO) requirements.

Cerro Metal Products Company, Paramount (SCP # 0464)

Pinaki Guha-Niyogi

The site was formerly occupied by Cerro Metal Products Company (Cerro), and used as a brass manufacturing facility. Regional Board granted Soil Closure to Cerro in July 2009 that paved the way for redevelopment of this property. The 28-acre property has been redeveloped into a large 552,000 square-foot dry goods distribution warehouse for Kroger, the parent company of Ralphs supermarket. The warehouse has truck bays for delivery and redistribution of goods to grocery stores throughout Southern California, along with necessary grading, underground utilities and landscaped areas. The new facility is a technologically advanced "green" facility. The redevelopment of this contaminated property will create jobs and bring in revenue for the city of Paramount.

Kaiser South Bay Parking Structure II, Harbor City

Gregg Crandall

The Kaiser South Bay Parking Structure II was a soil-only contaminated site that was granted no further action (NFA) by the Regional Board on December 3, 2009.

The site is currently a paved parking lot of approximately 2.93 acres located immediately northeast of the Kaiser South Bay Medical Center, and is slated for redevelopment as a multi-story parking structure. Historically, the site was occupied by an automobile sales dealership and prior to that a brickyard. The contaminated soil at the site is believed to be the result of the historic automobile dealership operations.

In February 2009, elevated concentrations of gasoline-range total petroleum hydrocarbons (TPHg) and benzene, toluene, ethylbenzene, and xylenes (BTEX) were detected in samples collected from a single soil boring. Additional soil borings confirmed that the lateral extent of soil contamination was limited to within 10 feet of the identified source area.

In March 2009, all contaminated soils were excavated until there were no visible signs of contamination. Seven confirmation soil samples did not contain BTEX, methyl tertiary butyl ether (MTBE), or TPH above their respective laboratory reporting limits. Contaminated soils were disposed of at an off-site facility.

Soil vapor samples were collected for vapor intrusion evaluation from four sampling points installed adjacent to each side of the filled excavation. Volatile organic chemical (VOC) concentrations did not exceed California Human Health Screening Levels (CHHSLs) for BTEX constituents. In addition, a hydropunch groundwater sample was collected near the soil excavation area and did not contain hydrocarbon concentrations above the laboratory reporting limits.

Based upon the information summarized above, the Regional Board determined that no further action (NFA) was required at the investigated and remediated areas of the site.

Former Raytheon Facility

Ann Chang

At the request of the Regional Board, Raytheon's predecessor, Hughes Missile Systems, Inc., conducted eight groundwater sampling events between March 1990 and December 1991 to determine radioactivity levels in groundwater at the site. The results were submitted to the Regional Board in 1992 and indicated that a subset of the well samples had radiological parameters exceeding California Maximum Contaminant Levels (MCLs), but that the concentrations were naturally occurring based on the relative abundances of the individual uranium isotopes.

In response to recent public concerns regarding radioactivity sampling results from the on-site groundwater monitoring wells, the Regional Board issued a California Water Code section 13267 Order on March 5, 2008, requiring submittal of technical reports for a site-wide groundwater investigation to verify current radioactivity conditions. The results of the groundwater sampling from 11 site wells for radioactivity analyses in May 2009 are consistent with previous results collected in 1990 and 1991. Both the 2009 and 1990/1991 investigations have demonstrated that the levels of radiological isotopes detected in groundwater at the former Raytheon facility are attributable to naturally occurring sources in the underlying aquifer matrix and geochemical system.

Based on review of the submitted information and radionuclides related documentation, the Regional Board issued a no further action determination for radioactivity analyses in groundwater at the former Raytheon facility on October 30, 2009.

Settlement Agreement between the City of Santa Monica and Proctor and Gamble for Santa Monica Drinking Water Aquifer Degradation at former Gillette (PaperMate) facility, Santa Monica

Peter Raftery

Proctor and Gamble, the parent of Gillette Co., which until recently, as PaperMate, manufactured pens at a facility near City of Santa Monica water supply wells, agreed to pay the City of Santa Monica \$68 million to offset the city's costs to treat contaminated groundwater before distributing it to the public. The groundwater contamination resulted from the release of solvents and other chemicals to soil and groundwater during pen manufacturing.

The settlement, one of the largest in pen manufacturing history, followed the Regional Board's issuance of a cleanup and abatement order to Gillette for assessment and remediation of soil and groundwater in the vicinity of their former Santa Monica facility. Regional Board staff are actively involved in overseeing assessment and remediation at numerous sites near the City of Santa Monica's Olympic Well Field.

Former Price Pfister Site, Pacoima

Mohammad Zaidi

Price Pfister, now part of Black and Decker (B&D), manufactured plumbing fixtures on a 25-acre site in the Pacoima area. As a result of the manufacturing activities, the site has been contaminated with volatile organic compounds, petroleum hydrocarbons, and metals. Since early 2002, staff has been providing regulatory oversight for the site. Except for the petroleum hydrocarbon contaminated soil and free product removal at Area 7, this brownfield site has been redeveloped into a Costco, Best Buys, and Lowes shopping center after staff's oversight of onsite investigations and cleanup, largely through excavation and removal of heavily contaminated soils, soil vapor extraction, and air sparging. Currently, staff is focusing on the in-situ bioventing of petroleum hydrocarbon contaminated soil and free product removal at Area 7.

Former Master Sun Cleaners, Gardena

Robert Ehe

Master Sun Cleaners is the former dry cleaning shop in the City of Gardena. Historical soil assessments indicated the presence of volatile organic compounds (VOCs) including tetrachloroethene (PCE) in the soil with concentrations ranged from 7,300,000 micrograms per kilogram ($\mu\text{g}/\text{Kg}$). The property owner has operated the on-site soil vapor extraction (SVE) system and implemented a groundwater remediation with injections of Hydrogen Release Compound (HRC). The operation of the SVE system resulted in asymptotic conditions since 2008, and was confirmed in an SVE rebound test. Although groundwater trend analysis at the site has demonstrated decreasing concentrations across the site, it appears that the center of the contaminant plume in groundwater has migrated down-gradient of the original source area. In June, staff approved a modification to the remediation. The changes to the ongoing site remediation are intended to

allow the property owner of the site to initiate redevelopment planned for the property.

Former Chemoil Refinery, Signal Hill

Ann Lin

The former Chemoil Refinery site was operated by Chemoil between August 1988 and February 1994, and dismantled in 1998. The former Chemoil refinery site encompasses two parcels: the Eastern Parcel encompasses approximately 2.5 and the Western Parcel encompasses approximately 5.7 acres. Since 2001, the site has been an open field. Historical site investigations indicate that hydrocarbon-impacted soil extends from ground surface to the water table (approximately 17 feet to 42 feet below ground surface) and light non-aqueous phase liquid (LNAPL) hydrocarbons are known to exist beneath the Site. In response to the Regional Board's 13267 Order, the current property owner, Signal Hill Holding Corporation, conducted phased site characterization investigations for the sensitive receptors outside the property boundaries (residential houses). Potential health risks have been evaluated based on the results collected from most recent soil vapor sampling and ground water sampling activities. It appears that potential soil vapor intrusion is not likely to be of concern for current offsite residents south of the site.

Watershed Management

San Gabriel River Watershed

Amigos de los Rios is a nonprofit organization working with cities and residents to renew urban neighborhoods. A current project being worked on is the Emerald Necklace, a vision for a 17-mile loop of parks and greenways connecting 10 cities and nearly 500,000 residents along the Río Hondo and San Gabriel Rivers. More information about the organization may be found at <http://www.amigosdelosrios.org/>.

In 1999, the Los Angeles County Board of Supervisors directed the Department of Public Works to prepare a San Gabriel River Master Plan which has since been adopted by the County Board of Supervisors. The intent was to develop a consensus-based document that recognizes and addresses River issues and concerns of the stakeholders within existing rights of way from Morris Dam to the River's outlet. The Master Plan identifies project opportunities for: enhancements for recreation, open space, and habitat areas; restoration; preservation of the River's natural resources; and maintaining flood protection and existing water rights. The Master Plan effort will continue to be coordinated with the activities of the San Gabriel and Lower Los Angeles Rivers and Mountain Conservancy. Documents relating to the Master Plan may be obtained at <http://www.sangabrielriver.com/>.

The San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy (RMC) produced a Guiding Principles Watershed and Open Space Plan which may be obtained at <http://www.rmc.ca.gov/>. Meeting notices for the Conservancy's Board are also on the website. The Conservancy is an independent State agency within the Resources Agency established by law in 1999. Its jurisdiction includes the San Gabriel River and its tributaries, the Lower Los Angeles River and its tributaries, and the San Gabriel Mountains, Puente Hills, and San Jose Hills. It was established to preserve urban open space and habitats in order to provide for low-impact recreation and educational uses, wildlife and habitat restoration and protection, and watershed improvements within its jurisdiction. Implementation of the Open Space Plan is occurring partly through award of pass-through grant funds.

The County of Orange, in coordination with the County of Los Angeles and multiple stakeholders in both counties, completed a watershed management plan in 2008 for Coyote Creek, a subwatershed of the San Gabriel River which straddles two counties and two Regional Board jurisdictions. The creek enters the San Gabriel River near the ocean and the subwatershed area covers a densely populated area of southeastern Los Angeles County and northern Orange County. The watershed management plan is available for download at <http://www.rmc.ca.gov/plans/water.html>.

A “State of the Watershed” report for the San Gabriel River Watershed was prepared by Regional Board staff in 2000. The report describes the watershed, with its many diversion structures and recharge areas, and summarizes available water quality data in a manner easily understood by the layperson. The report can be downloaded by accessing the Regional Board’s website at http://www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/wmi/ws_sangabriel.shtml.

Santa Monica Bay Watershed Management Area

A 2nd edition “State of the Watershed” report for the Santa Monica Bay Watershed Management Area is being finalized by Regional Board staff. The draft report is available for download at http://www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/wmi/ws_santamonica.shtml. This is an update of the first edition report completed in 1997.

Santa Monica Bay WMA – Ballona Creek Watershed

The Los Angeles County Department of Public Works received a State Water Resources Control Board grant to prepare a watershed plan for Ballona Creek. The Ballona Creek Watershed Task Force met for about a year during Plan development; the Plan was finalized in 2004. The group continues to meet in the afternoon on the third Tuesday of the month, generally in Culver City. Meeting minutes and agendas may be found at <http://www.ladpw.org/wmd/watershed/bc/>.

The Coastal Conservancy, in partnership with the California Department of Fish and Game and State Lands Commission, is developing a restoration plan for Ballona Wetlands. More information about this work may be found at <http://www.ballonarestoration.org>. A US Army Corps-funded Ecosystem Restoration Feasibility Study is also being conducted in coordination with the Coastal Conservancy work. More information about this study may be found at http://www.spl.usace.army.mil/cms/index.php?option=com_content&task=view&id=64&Itemid=31.

Santa Monica Bay WMA – Malibu Creek Watershed

The Malibu Creek Watershed Council have met on a bimonthly basis for many years and is concerned with a variety of human health and habitat issues. Current committees/task forces under the Council include those focusing on habitat/species, monitoring/water quality, education, and Rindge Dam. The Council’s Malibu Lagoon Task Force served as an advisory group during development of a lagoon restoration plan. A copy of the lagoon restoration plan, funded by the Coastal Conservancy, may be found at <http://www.healthebay.org/currentissues/mlhep/default.asp>. Implementation of the plan is underway.

Minutes from previous Council meetings, agendas for future meetings, and information about the watershed may be found on the Council’s website at <http://www.malibuwatershed.org/>.

A Malibu Creek Ecosystem Restoration Feasibility Study is underway. The U.S. Army Corps of Engineers and California Department of Parks and Recreation are the major partners in this effort which will evaluate, among other options, the feasibility of restoring the ecosystem through removal of Rindge Dam.

Santa Monica Bay WMA – Topanga Creek Watershed

A watershed committee began meeting in the Topanga Creek Watershed in 1998. This group was formed as a followup to the Topanga Canyon Floodplain Management Citizens’ Advisory Committee which produced a draft Topanga Creek Watershed Management Plan in 1996; a watershed management plan was finalized by the watershed committee in 2002. Watershed residents continue work on implementation of actions identified in the Management Plan. The group currently meets on an infrequent basis. Their website address is <http://www.topangacreekwatershedcommittee.org>.

Los Cerritos Channel/Alamitos Bay Watershed Management Area

A feasibility study for restoration of Colorado Lagoon was funded by the Coastal Conservancy. The lagoon

is a tidal water body connected to Alamitos Bay via a box culvert and is heavily utilized for recreational activities. It is in a natural low point of the watershed and thus receives a considerable amount of urban runoff and has impaired water quality. The purpose of the restoration feasibility study was to evaluate and recommend opportunities to restore the marine ecosystem and support safe recreation while improving water and sediment quality and managing storm water in the lagoon. The City of Long Beach was awarded Clean Beaches Initiative funds from the State Water Resources Control Board to begin implementation of water quality improvement actions described in the feasibility study. Additional sources of funding have followed. More information on the study may be found at <http://www.longbeach.gov/news/displaynews.asp?NewsID=561>.

Los Angeles River Watershed

The Los Angeles and San Gabriel Rivers Watershed Council (LASGRWC) is a consortium of government agencies, community and environmental groups, business and academia who organized to resolve and prevent problems in the watershed in a cooperative, collaborative manner. The LASGRWC conducts quarterly watershed symposia on current issues. Information on upcoming symposia may be found at <http://www.lasgrwc.org>.

Compton Creek is a tributary to the lower Los Angeles River. The LASGRWC received grant funds from the State Water Resources Control Board to prepare a Compton Creek Watershed Management Plan with input from a steering committee and community action team; the Plan can be found at <http://www.lasgrwc.org/ComptonCreek.htm>. An implementation plan entitled “Realizing Change in the Compton Creek Watershed” can also be found on the webpage.

The City of Los Angeles, US Army Corps of Engineers, and multiple partners have developed a Los Angeles River Revitalization Master Plan which is available at <http://www.lariverrmp.org/>. A Programmatic Environmental Impact Report/Statement is also available.

The San Gabriel Valley Council of Governments (SGVCOG), in partnership with the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy (RMC), received grant funds from the State Water Resources Control Board to prepare a Rio Hondo Watershed Management Plan. The Rio Hondo is a major subwatershed draining to the Los Angeles River. A copy of the watershed management plan finalized in 2004 is available for download at <http://www.rmc.ca.gov/plans/water.html>.

Information about the Arroyo Seco, a major tributary to the Los Angeles River, may be found at the Arroyo Seco Foundation’s website <http://www.arroyoseco.org/>. The nonprofit organization Northeast Trees received grant funds from the State Water Resources Control Board to prepare an Arroyo Seco Watershed Management and Restoration Plan which was completed in 2006. It can be downloaded at http://www.waterboards.ca.gov/losangeles/water_issues/programs/grants_loans/fundings/arroyoseco%20wmp.pdf.

The River Project is a nonprofit organization dedicated to planning for natural resource protection, conservation and enhancement in Los Angeles County. The group received CalFed funding to develop a watershed management plan for the Tujunga/Pacoima Watershed, a subwatershed of the Los Angeles River. The management plan was finalized in 2008 and can be downloaded at <http://www.theriverproject.org/tujunga/plan.html>.

The Friends of the LA River is a nonprofit organization formed in 1986 in support of Los Angeles River restoration activities. More information about the organization may be found at <http://www.folar.org/>. Dominguez Watershed

The Dominguez Watershed includes the waters of Dominguez Channel, Los Angeles/Long Beach Harbors,

Machado Lake, and the land areas draining into them. The Los Angeles County Department of Public Works received a State Water Resources Control Board grant to prepare a Watershed Management Master Plan. The Dominguez Watershed Advisory Council was formed in 2001 to conduct a variety of tasks that included assisting with the development of the Master Plan aimed at protecting and improving the environment and beneficial uses of the watershed. The Master Plan was finalized and a list of potential implementation projects/programs was included in the Plan. The group's website is at <http://ladpw.org/wmd/watershed/dc/> where a copy of the Master Plan may be downloaded.

A "State of the Watershed" report for Dominguez was prepared by Regional Board staff in 2008. The document can be downloaded at http://www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/wmi/water_report/DominguezChannelState.shtml.

Ventura River Watershed

Development of a Proposition 50-funded watershed protection plan is underway. The effort is being led by the Ventura County Watershed Protection District with active participation by the Ventura River Watershed Council. More information may be found at <http://www.watershedscoalition.org/>. An education and outreach component called "Watershed U" and overseen by UC Cooperative Extension was recently completed. Program information may be found at <http://groups.ucanr.org/WUVR/>.

Implementation of an Ecosystem Restoration Feasibility Study is ongoing in the watershed. The U.S. Army Corps of Engineers and Ventura County Watershed Protection District are the major partners in this effort which evaluated, among other options, the feasibility of restoring the ecosystem through removal of Matilija Dam. The Final EIR/EIS was released in September 2004 and federal funding is currently being pursued for construction work; work on some downstream levees and bridges is scheduled for the near-term. More information, including project reports and the Final EIR/EIS, may be obtained on the website <http://www.matilijadam.org/>.

The Matilija Coalition is a local group committed to removal of Matilija Dam and subsequent ecosystem restoration. More information about the group may be found at <http://www.matilija-coalition.org/>.

A "State of the Watershed" report for the Ventura River Watershed was prepared by Regional Board staff in 2002. The report describes the watershed and summarizes available water quality data in a manner easily understood by the layperson. The report can be downloaded by accessing the Regional Board's website at http://www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/wmi/ws_ventura.shtml.

Calleguas Creek Watershed

The Calleguas Creek Watershed Management Plan Committee was convened in 1996 to initiate development of a comprehensive watershed management plan. A large group of stakeholders, including federal, state, and local agencies, landowners, businesses, and nonprofit organizations are represented. Information about the committee and its subcommittees as well as documents and meeting dates can be found at <http://www.calleguascreek.org/>.

Santa Clara River Watershed

The Ventura County Watershed Protection District has published two documents that are available on their webpage at http://portal.countyofventura.org/portal/page?_pageid=876,1324291&_dad=portal&_schema=PORTAL. One is a wetland project permitting guide for areas within the county and along the full length of the Santa Clara River. The other is a guide to native and invasive streamside plants.

A "State of the Watershed" report for the Santa Clara River Watershed was prepared by Regional Board

staff in 2006. The report describes the watershed and summarizes available water quality data in a manner easily understood by the layperson. The report can be downloaded by accessing the Regional Board's website at http://www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/wmi/ws_santaclara.shtml.

The Santa Clara River Enhancement and Management Plan (SCREMP) was developed to address management of the 500-year floodplain of the main river corridor. Related to the SCREMP, the details of a comprehensive river monitoring plan are being worked out by a group of watershed stakeholders. The management plan and the recommendations for a comprehensive monitoring plan can both be viewed at http://portal.countyofventura.org/portal/page?_pageid=876,1324291&_dad=portal&_schema=PORTAL. Additionally, an Army Corps of Engineers-sponsored watershed-wide planning effort is underway which will follow up on the intensive effort put into river corridor planning. More information on this activity may be found at <http://www.ladpw.org/wmd/scr/docs/SCR%20Pub%20Wkshp%202007%2008%2016%20b.pdf>.

In 1994, a pipeline over the Santa Clara River ruptured during the Northridge Earthquake and spilled crude oil. Funds from a settlement for natural resources damages are being administered by the Santa Clara River Trustee Council which is made up of representatives from the U.S. Fish and Wildlife Services and California Department of Fish and Game. Some of the funds were allocated to studies of the river's biota that will eventually be utilized by the Coastal Conservancy's Santa Clara River Parkway Restoration Feasibility Study. The results of the feasibility study will be used in restoration of parcels along the river being acquired by the Coastal Conservancy. Information on the Parkway and copies of technical reports available for download may be found at <http://www.santaclarariverparkway.org/>.

Miscellaneous Ventura Coastal Watershed Management Area

A wetlands restoration feasibility study has recently been completed for the Ormond Beach Wetlands by the State Coastal Conservancy and its consultants. A copy can be downloaded at http://www.scc.ca.gov/disp_gen_file?ormond along with supporting technical reports. The restoration planning work is generally discussed at Ormond Beach Task Force meetings held on the fourth Thursday of every other month in Oxnard.

The Ventura County Task Force of the Wetlands Recovery Project meets on the second Thursday of every other month, generally from 2- 4 PM, at the Ventura County Government Center's Multipurpose Room.

Updates on various projects and studies occur at these meetings.

An oil pipeline ruptured in December 1993, spilling more than 2,000 barrels of crude oil into McGrath Lake and onto nearby beaches. A Trustee Council was eventually formed to plan and manage restoration of natural resources using settlement funds. The McGrath State Beach Area Berry Petroleum Oil Spill Restoration Plan and Environmental Assessment may be viewed at http://www.dfg.ca.gov/ospr/spill/nrda/nrda_mcgrath.html.

Southern California Wetlands Recovery Project

The Southern California Wetlands Recovery Project (WRP) is a partnership of public agencies working cooperatively to acquire, restore, and enhance coastal wetlands and watersheds between Point Conception and the International border with Mexico. Using a non-regulatory approach and an ecosystem perspective, the WRP works to identify wetland acquisition and restoration priorities, prepare plans for these priority sites, pool funds to undertake these projects, implement priority plans, and oversee post-project maintenance and monitoring. Additional information may be found at the WRP's website <http://www.scwrp.org>.

The WRP is headed by a Board of Governors (BOG) comprised of top officials from each of the participating agencies. The Wetlands Managers Group and the Public Advisory Committee serve as advisory groups

to the Board. The Wetlands Managers Group is responsible for drafting the regional restoration plan and advising the Governing Board on regional acquisition, restoration, and enhancement priorities. Governing Board meetings are public and are noticed at least 10 days prior to each meeting.

County Task Forces help solicit projects for consideration for WRP funding by the Managers Group and Board of Governors. The WRP also has a Science Advisory Panel (SAP) and a wetlands ecologist who acts as liaison with the SAP. Recent activities have focused on coordination with a statewide effort to develop methods for rapid assessment of wetlands and development of a wetlands regional monitoring program. A paper on the habitat value of treatment wetlands has also been written and is available on the WRP's web-page at http://www.scwrp.org/documents/SAP/Treatment_wetlands/LitReviewWebCover.pdf.

A contract between Environment Now on behalf of the WRP and the State Water Resources Control Board has resulted in a number of useful and interesting products including maps and reports. These may be found at <http://www.lasgrwc.org/WRP.htm>.

Watershed Management Initiative Chapter

Each Regional Board has a "chapter" in a statewide document which describes the Region's watersheds and their priority water quality issues. The last update occurred in December 2007. The consolidated statewide document can serve as the basis for many funding decisions including allocating money for monitoring, TMDL development, and grant monies disbursement. Updates occur on an as-needed basis. The 2007 document can be downloaded at http://www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/index.shtml#Watershed. In addition, there is a clickable map of the region's watersheds for information specific to each one.

Funding

Information on a wide variety of funding sources is available on the California Watershed Funding Database website at <http://cwfd.casil.ucdavis.edu/>. Both Los Angeles and Ventura Counties have developed Integrated Regional Water Management (IRWM) Plans in order to qualify for funding under Propositions 50 and 84. The Greater Los Angeles County IRWM Plan may be viewed at <http://www.lawaterplan.org/> which also includes information on meeting schedules and summaries. The Greater LA Region is composed of five subregions which conduct separate steering committee meetings. The Ventura County IRWM Plan is available at <http://www.watershedscoalition.org/> which also includes information on meeting schedules and summaries. The Watersheds Coalition of Ventura County meets as a combined group; separate watersheds committees/councils also conduct their own meetings. Neither the Greater Los Angeles County or Ventura County IRWM regions include the upper Santa Clara River. Stakeholders in that area have developed a separate IRWM Plan which is available at <http://www.scrwaterplan.org>. An additional IRWM region within Los Angeles County, Gateway, has been approved by the California Department of Water Resources. It is located in southeast Los Angeles County. More information may be found at <http://www.gatewayirwmp.org/>.