



March 1, 2012

California Regional Water Quality Control Board
Los Angeles Region
Samuel Unger, 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.

Executive Office

The Future of Water in Southern California

Deb Smith

A number of Board Members and staff spoke and/or attended the UCLA Luskin Center and Institute of the Environment and Sustainability sponsored symposium entitled "The Future of Water in Southern California - Forging a Vision for Local Source Development" at the Japanese American Museum on January 27th.

Board member Madelyn Glickfeld was on the Steering Committee for the event and also introduced the Keynote Speaker, State Senate President Pro Tem, Darrell Steinberg. Then Chair, Fran Diamond spoke on one of the panels regarding coalition building. Chair Mehranian and Board Member Maria Camacho were also in attendance.

State Board Vice Chair, Frances Spivy-Weber spoke on the Groundwater Management Panel which included discussion regarding the importance of Salt and Nutrient Management Plans in protecting and restoring local groundwater supplies.

The day was packed with plenary and break out sessions dedicated to articulating the need for developing local sustainable water supplies as well as the various pathways to getting there through indirect and direct potable re-use, ocean desalination, on-site retention and other strategies.

Most of the 399, 848 acre feet of water recycling statewide is done here in southern California; 80,000 acre feet of it is comprised of County Sanitation District effluent.

Challenges to increasing water re-use include gaining public acceptance for recycled water to augment drinking water supplies, pricing of water, developing

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coalitions, identifying areas for effective recharge/injection, leadership, and safeguarding against treatment failures in order to green light more direct potable uses. The conference was so well re-



Fran Diamond, David Nahai, David Beckman, Mike Massey, and James McDaniel



Senator Darrell Steinberg, Madelyn Glickfeld, and J.R. DeShazo

ceived that a follow-up conference is being planned for next year.

Regional Programs

Irrigated Lands Regulatory

Conditional Waiver for Irrigated Lands- Classes for Approved Education Credit

Barbara Barry

The Regional Board renewed the Conditional Waiver at the October 7, 2010 Board meeting as Order No. R4-2010-0186. The Conditional Waiver requires dischargers to complete 8 hours of educational training on water quality impairments related to agriculture discharges, regulatory requirements, and management practices that control waste discharges. To comply, discharger groups held courses on January 23, 2012 and February 23, 2012. In January, the Nursery Growers Association (NGA) held a course entitled “water school”, which demonstrated practical options for assessing water usage, run-off, and water quality. Best management practices for erosion control and the proper application and maintenance of pesticides were discussed at length, in addition to a review of state and regional regulations concerning nursery growers in Los Angeles County. In February, the Ventura County Agricultural Irrigated Lands Group (VCAILG) presented a tour of the La Verne nursery in Piru. The tour gave VCAILG members a look at a recycled water system that captured irrigation tailwater and stormwater for reuse on fruit tree stock.

Upcoming education events have been scheduled for March 21, 2012 and April 24, 2012 by VCAILG. The first meeting will involve a tour of the Limoneira Company and will be held at 1141 Cummings Road in Santa Paula. The tour will include demonstrations of best management practices employed in growing lemons and row crops. Speakers will focus on practical advice and infield examples. The second meeting will be comprised of a tour of the facilities at Taylor Ranch in Ventura. This tour will demonstrate grassed waterways, detention basins, terracing, drainage practices to prevent rills or gullyng, and more measures that were taken to improve the quality of runoff from newly planted lemons and strawberries.

Watershed Management Unit

Staff attended a workshop held on January 17 by the Los Angeles County Flood Control District (LACFCD) on the plan of study for the Los Angeles Basin Stormwater Conservation Study. The LACFCD will conduct the Stormwater Conservation Study in partnership with U.S. Bureau of Reclamation if the study plan is approved for funding by the Bureau. The funding source is intended to identify ways to improve local water supplies, mainly in the West. The greatest untapped source of additional water in the Los Angeles area is stormwater so the study, if funded, would look to find ways to enhance existing facilities and evaluate the potential for new facilities or operational changes in order to have increased capture and recharge. The LACFCD will know by Spring of this year whether they will receive funding the study would start in September of this year and finish within two years. Staff is designated to be on the technical advisory committee for the Study should it get funded.

More information about the Regional Board's watersheds can be found at http://www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/index.shtml#Watershed.

Watershed Regulatory Program

City of Ventura – Ventura Water Reclamation Facility

Brandi Outwin-Beals

The Ventura Water Reclamation Facility discharges tertiary-treated wastewater into the Santa Clara Estuary in accordance with Regional Water Board Order No. R4-2008-0011, adopted by this Board on March 6, 2008. During the 2008 re-issuance process, controversy arose regarding whether or not the City should be permitted to continue its current volume of discharge into the estuary. The State Water Board's Water Quality Control Policy for the Enclosed Bays and Estuaries of California (Enclosed Bays and Estuaries Policy) precludes direct discharge into estuaries unless a finding of enhancement can be made, some parties (environmental groups) questioned enhancement and wanted the discharge removed. Others, including resource agencies such as NOAA Fisheries and California Department of Fish and Game, did not want any decrease in the amount of the current discharge until all alternatives were evaluated thoroughly to allow for the best ecologically sustainable alternative since the discharge supports the estuary's endangered species. In order to meet the needs of stakeholders and fully comply with the Enclosed Bay and Estuaries Policy, the permit issued by the Board allowed continuation of the discharge but required the City of Ventura to perform three special studies: 1) an estuary subwatershed study, 2) a recycled water market study, and 3) a treatment wetlands feasibility study. The City has submitted all studies in accordance with Board requirements.

Heal the Bay filed a petition with the State Water Board shortly after the permit was adopted in 2008, citing the Enclosed Bays and Estuaries Policy. Heal the Bay and Wishtoyo Foundation's Ventura Coastkeeper also filed suit against the City of Ventura. On December 12, 2011, the City of Ventura's City Council approved a final agreement between Ventura Water, Heal the Bay, and Ventura Coastkeeper, outlining common goals and a collaborative process to decide how to use the reclaimed water produced by the wastewater facility in the future. The major points of the long-term settlement include creating opportunities to use between 50-100% of the treated water for landscaping or other non-drinking uses to stretch water supplies and reduce the amount released into the estuary; the design and construction of treatment wetlands to further treat any water that is still released into the estuary; and collaborating with Ventura Water's customers to arrive at the most responsible and sustainable solution for the health of the estuary and Ventura's water supply by 2025. The settlement leaves the ultimate decision of the quantity and method of discharge to the estuary to protect endangered species to the state and federal resource agencies. Following issuance of the final agreement, Heal the Bay withdrew their petition with the State Water Board on February 6, 2012.

The permit is scheduled for renewal in Spring 2013. Regional Water Board staff have already begun work-

ing with stakeholders and other agencies to make sure that the permit is inclusive of the settlement agreement and all applicable state and federal policies.

Contaminated Sediments Unit

Updates for Local Watershed Monitoring Programs

Michael Lyons

The stakeholders of the Malibu Creek Watershed Monitoring group continue to meet quarterly to discuss topics of interest pertaining to water quality issues in the watershed. The last quarterly meeting was held on January 19, 2012, and the next meeting is scheduled for April 19, 2012. Progress is being made towards development of a comprehensive watershed-wide monitoring program, with the design expected to be completed later this year.

Both the Los Angeles River and San Gabriel River Watershed stakeholders plan to meet in February/March, 2012 to discuss plans for the 2012 sampling event, scheduled to occur in late spring/early summer of 2012. The stakeholders also will discuss the results from the 2011 monitoring and develop a timeline for producing the next annual reports.

A proposed comprehensive monitoring program for the Santa Clara River Watershed was developed by local stakeholders and submitted to the Los Angeles Regional Board in December 2011. Plans are underway to select a local group to oversee implementation of the watershed-wide monitoring program. Some, if not all, components of the monitoring program should be initiated later in 2012, during the spring/summer sampling period.

General Permitting Unit

During the months of January and February 2012, 6 dischargers were enrolled under the general NPDES permits, 0 enrollment was revised and 8 enrollments were terminated. The table on the following page shows the breakdown of the enrollments, revisions, and terminations for each category of general NPDES permit during the period.

	Facility Name, City	Date of Coverage	Date of Revision	Date of Termination
A.	NPDES CAG994004 (Order No. R4-2008-0032) Construction & Project Dewatering			
1	Jamison Wilshire, LLC, 1545 Wilshire Boulevard, Los Angeles, CI-9781	1/3/2012		
2	West Coast Storm Inc., Caltrans Pump Houses Maintenance, Center Median of 110 and 105 Freeway, Los Angeles, CI-9458			1/3/2012
3	Wavebreak Malibu Cantina, LLC, 22706 Pacific Coast Highway, Malibu, CI-9672			1/9/2012
4	Central Basin Municipal Water District, Rio Hondo Pump Station, 4300 San Gabriel River Parkway, Pico Rivera, CI-8432			1/11/2012
5	St. Vincent Hospital, S. Mark Taper Foundation Transplant Center, 2200 W. Third Street, Los Angeles, CI-7154			1/12/2012
6	City of Walnut, Meadowpass Stormdrain and Street Improvements Project, along Meadowpass Road, between Amar Road and Lemon Avenue, Walnut, CI-9629			1/13/2012
7	Long Beach Water Department, Production Well LBP 1, 16317 Garfield Avenue, Paramount, CI-9787	1/25/2012		
8	Tishman Speyer Properties, 9336-9346 Civic Center Drive, Beverly Hills, CI-9790	2/1/2012		
9	Long Beach Water Department, Local Sanitary Sewer System Project, along Appian Way, between Paoli Way and Second Street, Long Beach, CI-9791	2/8/2012		
10	Del Rey Shores, LLC, Del Rey Shores Project, 4201 Via Marina, Marina del Rey, CI-9462			2/9/2012
B.	NPDES No. CAG994005 (Order No. R4-2003-0108) Potable Water Supply Wells Discharges			
1	Jean Martinez, Martinez Well, Tapia Canyon Road and Castaic Road, Castaic, CI-9593			1/12/2012
2	City of Lakewood, Department of Water Resources, Well No. 22, 3310 Candlewood Street, Lakewood, CI-9786	1/20/2012		
D.	NPDES CAG994003 (Order No. R4-2009-0047) Nonprocess wastewater			
1	Sunny Slope Water Company, Wells No. 11 and 12, 1076 El Campo Drive, Pasadena, CI-9788	2/1/2012		
E.	NPDES CAG834001 (Order No. 2007-0021) – Cleanup of Petroleum Fuel Pollution			
1	ConocoPhillips Company, 76 Service Station No. 0981, 1004 S. La Ciniega Boulevard, Los Angeles			1/19/2012

Groundwater Permitting and Land Disposal Program

Summary of General Waste Discharge Requirements Enrolled and Terminated

Clarita Quidilla and Rebecca Chou

From January 06, 2012 to February 8, 2012 - Six dischargers enrolled under the general Waste Discharger Requirements (WDR), and 17 WDR were terminated. The table below contains a breakdown for each category of general WDR.

		Project Manager	Date of Coverage	Date of Revision	Termination
A.	General WDR Discharge for Groundwater Remediation at Petroleum Hydrocarbon Fuel and/or volatile organic compound impacted sites (Order No. R4-2007-0019)				
1.	Former Exxonmobil Station, CI 9726	Gregg Kwey	01/06/12		
2.	76 Service Station No. 5523, CI 8912	Ann Chang			01/09/12
3.	Former Orange County Nursery, CI 9598	Ann Chang			01/09/12
4.	Fremont Cleaners, CI 9521	Ann Chang			01/09/12
5.	Former Warehouse No. 12, CI 9768	Ann Chang	01/20/12		
6.	Bragg Crane Facility, CI 9773	Ann Chang	01/20/12		
7.	South Region High School #9, CI9750	Mercedes Merino	01/27/12		
8.	Former Unocal Station No. 2596, CI 9596	Ann Chang			01/26/12
9.	Former Honeywell Site, CI 9767	David Koo	02/03/12		
B.	General WDR for Groundwater Remediation at Petroleum Hydrocarbon Fuel and/or volatile organic compound impacted sites (Order R4-2005-0030)				
1.	Power Rated/Franciosi Trust, CI 9056	Ann Chang			01/09/12
2.	Santa Monica Municipal Bus Maintenance Facility, CI 8960	Ann Chang			01/09/12
3.	The Reeves Trust Property, CI 9068	Ann Chang			01/09/12
C.	General WDR for Residential Onsite Wastewater Treatment Systems (Order R4-2004-0146)				
1.	Carmen Tebbe, CI 9686	Mercedes Merino			02/03/12
D.	General WDR for Groundwater Remediation at Petroleum Hydrocarbon Fuel and/or Volatile Organic Compound Impacted Sites (Order R4-2002-0030)				
1.	Santa Monica Municipal Bus Maintenance Facility, CI 8748	Ann Chang			01/09/12
2.	Whittwood Car Wash, Inc., CI 8681	Ann Chang			02/03/12
E.	General WDR for small commercial multi-family residential subsurface sewage disposal systems (Order No. 01-031)				
1.	Sandstone Horse Sales, CI 9763	Mercedes Merino	01/24/12		
F.	General WDR for private subsurface sewage disposal systems in areas where ground water is used or may be used for domestic purposes (Order No. 91-94)				
1.	Forecast Homes Tract 49240, CI 8276	Elizabeth Erickson			1/17/2012
2.	Forecast Homes Tract 49240-02, CI 8274	Elizabeth Erickson			1/17/2012
3.	Forecast Homes Tract 49601-01, CI 8271	Elizabeth Erickson			1/17/2012
4.	Forecast Homes Tract 47788, CI 8275	Elizabeth Erickson			1/17/2012
5.	Forecast Homes Tract 49601, CI 8270	Elizabeth Erickson			1/17/2012
6.	Nova Development Co. Tract 52882, CI 8113	Elizabeth Erickson			1/17/2012
G.	General WDR for specified discharges to groundwater in Santa Clara River and Los Angeles River Basins (Order No. 93-010)				
1.	Ventura Co. Public Works Agency, CI 9472	Mercedes Merino			1/26/12

Summary of Inspection Reports

Clarita Quidilla and Rebecca Chou

From January 06, 2012 to February 8, 2012, staff conducted 14 annual inspections.

	Date Issued	Permittee	Project Manager
1.	12/15/11	Well-Pit Berries, Inc, CI 8360	Mercedes Merino
2.	12/29/11	Azusa Land Reclamation Landfill, CI 2567	Douglas Cross
3.	12/29/11	Azusa Soil Treatment Facility, CI 7598	Douglas Cross
4.	12/29/11	Cemex California Aggregates, Inc., CI 7171	Douglas Cross
5.	12/30/11	Burbank Landfill, CI 5800	Douglas Cross
6.	01/11/12	Scholl Canyon Landfill, CI 2846	Douglas Cross
7.	01/12/12	Bradley Landfill & Recycling Center, CI 6434	Douglas Cross
8.	01/17/12	Blanchard Landfill, CI 9581	Enrique Casas
9.	01/25/12	Montebello Land & Water Co, CI 5668	Enrique Casas
10.	01/26/12	Bailard Landfill, CI 4035	Enrique Casas
11.	01/26/12	Tierra Rejada Landfill, CI 4294	Enrique Casas
12.	01/26/12	Santa Clara – Coastal Landfill, CI 5664	Enrique Casas
13.	01/30/12	Sunset Cyn. Debris Disp Area, CI 6171	Wen Yang
14.	01/31/12	Brand Park Disposal Site, CI 9686	Enrique Casas

Summary of Notice of Violations

Clarita Quidilla and Rebecca Chou

From January 06, 2012 to February 8, 2012, staff issued two Notices of Violation for WDRs violations.

	Date Issued	Permittee	Project Manager
1.	01/20/12	Hathaway Wasterwater Treatment Plant, CI 5495	Mercedes Merino
2.	02/06/12	Steckel County Park, CI 9060	Mercedes Merino

Summary of California Water Code (CWC) Section 13260 Orders

Clarita Quidilla and Rebecca Chou

From January 06, 2012 to February 8, 2012, Executive Officer issued one CWC Section 13260 Orders requiring dischargers for submittal of WDR application.

	Date Issued	Permittee	Project Manager
1.	01/06/2012	Advances Sustain Ability/Hollandia, File No. 11-187	Mercedes Merino

Land Disposal Financial Assurance Enforcement Initiative

Wen Yang

Title 27 of California Code of Regulations (27 CCR) requires operators to demonstrate financial assurance for closure, post-closure maintenance, and corrective action for known or reasonably foreseeable releases from waste management units, such as landfills. The financial assurances are necessary to protect public health, safety, and the environment in the event the discharger fails, for any reason, to carry out all activities required in state and federal regulations. Currently, nearly all the Municipal Solid Waste (MSW) landfills in the State have financial assurance for closure and post-closure maintenance, but only approximately 43 percent have corrective action financial assurance (CAFA). In an effort to achieve 100 percent compliance with all financial assurance requirements, staff of the State and Regional Water Boards has prepared a Draft Land Disposal Financial Assurance Enforcement Initiative Work Plan for the enforcement of relevant regulations.

27 CCR requires CAFA for both water related corrective measures, such as release of leachate to groundwater, and non-water related corrective measures, such as landfill gas management system and final cover repairs. The Regional Water Boards are responsible for reviewing and approving CAFA cost estimates for water related corrective actions, while staff of the Department of Resources Recycling and Recovery (CalRecycle) reviews cost estimates for non-water CAFA. The facility operators are required to obtain financial assurance for the higher of the two estimates. Finally, CalRecycle staff approves the mechanisms for all three types of financial assurances.

The enforcement initiative will be implemented in two phases. Phase I includes achieving 100 percent compliance with CAFA requirements for all MSW landfills by the end of 2012, while Phase II includes improving compliance with requirements for closure, post-closure, and corrective action financial assurance at non-MSW waste management units, such as mines and surface impoundments. Special training will be provided to Regional Board staff on how to evaluate CAFA estimates.

The Los Angeles Region currently has approximately 20 MSW landfills that are required to have CAFA. Nine of these facilities have provided water related CAFA estimates, but only six facilities have established mechanisms of financial assurance. Regional Board staff is working with the State Water Board and CalRecycle staff on implementation of CAFA requirements. It is expected that all MSW landfills in the Region will be brought to compliance with the requirements as outlined in the Initiative Work Plan. Enforcement actions will be taken on facilities that are out of compliance with the requirements.

Compliance and Enforcement Program

Enforcement Unit

NPDES Facility Inspections

The Enforcement Unit NPDES inspector conducted inspections at 10 Minor facilities with NPDES Permits between February 2, 2012 and March 1, 2012. Inspection of these facilities is a required part of the NPDES program.

13267 Investigative Orders

13267 Investigative Order to Submit Information No. R4-2012-0004 was issued to the City of West Hollywood on January 10, 2012 for information related to the City of West Hollywood Collection System. On January 31, 2012, the Regional Board received a technical report in response to the Investigative Order.

13267 Investigative Order to Submit Information No. R4-2012-0002 was issued to Los Angeles County Department of Public Works (DPW) on January 13, 2012 for information related to the unauthorized discharge of raw sewage. The DPW has until February 20, 2012 to respond.

Expedited Payment Program

Stipulated Order On Settlement Offer No. R4-2011-0042-M was issued to RP 120, LLC (Permittee) on January 20, 2012, in the amount of \$30,000 for reporting violations of Regional Board Order Nos. R4-2003-0111 and R4-2008-0032, NPDES No. CAG994004 for Robertson Plaza. On December 27, 2011, the Regional Board received payment in full.

Stipulated Order On Settlement Offer No. R4-2011-0187-M was issued to California Water Service Company (Permittee) on February 1, 2012, in the amount of \$6,000 for alleged effluent violations of Regional Board Order No. R4-2003-0108, NPDES No. CAG994005 for East Los Angeles Water Supply Wells. The full payment of the assessed amount must be received by the Regional Board no later than ten (10) calendar days after receipt of the Stipulated Order.

Stipulated Order On Settlement Offer No. R4-2011-0161-M was issued to Jean Martinez on January 20, 2012, in the amount of \$3,000 for reporting violations of Regional Board Order No. R4-2003-0108, NPDES No. CAG994005 for the Martinez Well. Payment of the assessed amount must be received by the Regional Board no later than ten (10) calendar days after receipt of the Stipulated Order.

Settlement Offer No. R4-2012-0015-M was issued to Ultramar, Inc. on February 1, 2012 in the amount of \$42,000 for alleged effluent violations of Regional Board Order Nos. R4-2009-0073, NPDES Permit No. CA0057037 for the Harbor G.S. – Marine Tank Farm. The Permittee has until March 5, 2012 to respond.

Supplemental Environmental Project – Stipulation and Order

Stipulation and Order on Settlement Offer Order No. R4-2008-0116-M was issued to the Santa Clarita Valley Sanitation District of Los Angeles County on January 13, 2012, in the amount of \$180,000 of which \$97,500 shall be contributed to fund the City of Santa Clarita's Supplemental Environmental Project (SEP) entitled the *Upper Santa Clara River Watershed Arundo/Tamarisk Removal Plan Site Specific Project*. The Permittee has until February 8, 2012 to pay the remaining \$82,500 liability and an additional \$3,000 in Regional Board oversight costs.

Statewide General Waste Discharge Requirements for Sanitary Sewer Systems – Notice of Entry of Judgment: Consent Judgment Pursuant to Stipulation of the Parties was issued to the City of South Pasadena (City) on January 17, 2012, in the amount of \$900,000, for failing to comply with State Water Resources Control Board Order No. 2006-0003-DWQ, Statewide General Waste Discharge Requirements for Sanitary Sewer Systems. Of that total, \$675,000 will be suspended pending completion of the City's Capital Improvement Program and Sewer Repair Work obligations which shall be completed within 10 years from entry of judgment. The City has until February 16, 2012 to pay the remainder of \$225,000 less the cost of an asset management software system, not to exceed \$50,000, and an additional \$50,000 for attorneys' fees and Regional Board staff investigation and oversight costs.

Stormwater Compliance & Enforcement

8 Information Request Letters (Rain Gauge data confirmation) were issued:

WDID#	Issuance Date	Facility Name	Type
4 56I003119	1/11/2012	YRC Inc.	Industrial
4 56I009398	1/11/2012	Tenby Inc.	Industrial
4 56I012014	1/11/2012	Cemex Construction Mtls Pacific LLC	Industrial
4 56I014832	1/11/2012	Southdown Inc. Moorpark Fac	Industrial
4 56I017071	1/11/2012	Pacific Rock Inc.	Industrial
4 56I018029	1/11/2012	Ocean View School District	Industrial
4 56I018720	1/11/2012	Blue Star Materials	Industrial
4 56I021860	1/11/2012	Cemex Construction Materials Pacific LLC	Industrial

1 Notice to Comply was issued

WDID#	Issuance Date	Facility Name	Type
4 19I010982	1/27/2012	Reichhold Inc.	Industrial

2 Verbal Warnings were given

WDID#	Issuance Date	Facility Name	Type
4 19C357938	1/11/2012	MacArthur Park Phase A Apartments	Construction
4 19I006958	1/13/2012	Zephyr Manufacturing	Industrial

5 Time extension requests were granted

WDID#	Issuance Date	Owner Name	Type
4 19C358838	1/12/2012	R & L Carriers	Construction
4 19C315908	1/12/2012	M.H.A.B. Trust	Construction
4 19C334411	1/12/2012	Shadow Hills Estates LLC	Construction
4 19C356813	1/12/2012	Selective 9171 De Soto LLC	Construction
4 19C356320	1/12/2012	Industry Associates LLC	Construction

Remediation Program

Site Clean Up I

Corrective Action for Elevated Gasoline Hydrocarbons, Naval Base Ventura County, Point Mugu Facility, Naval Exchange Gasoline Station

Peter Raftery

During recent groundwater monitoring, elevated gasoline hydrocarbon concentrations were detected in monitoring wells adjacent to Oxnard Drainage Ditch No. 2 (O.D.D. No 2). The ditch forms the southern boundary of the Naval Exchange Gasoline Station at the Point Mugu facility. The ditch discharges to near-by Mugu Lagoon.

Several years ago, following apparently successful soil and groundwater remediation, and with Regional Water Board concurrence, active remediation was halted at the site. As part of approving the active remediation halt, and to evaluate the results of the halt, the Regional Water Board required quarterly groundwater sampling and analyses at several “guard” wells along O.D.D. No 2. Also under the terms of the conditions to halt active remediation the Navy was required to perform active groundwater remediation if elevated gasoline components were detected in the “guard” wells.

After elevated MTBE was detected in a “guard” well during the last several quarters of monitoring, the Navy conducted additional soil assessment near the well with elevated MTBE. An area of stained soil 5 to 10 feet thick and approximately 125 feet long was found. Up to 20,000 µg/kg benzene, 620,000 µg/kg total xylenes, 6,900,000 µg/kg total petroleum hydrocarbons as gasoline, and other gasoline components were detected in soil samples. Based on the gradient and flow direction, shallow groundwater is expected to pass through the stained soil and discharge into the ditch.

On January 5, 2012, the Regional Water Board issued a directive under California Health and Safety Code Section 25296.10 for the Navy to take corrective action in response to the unauthorized releases of gasoline related hydrocarbons to surface water.

Site Clean Up II

Dominguez Channel Release, Carson

Greg Bishop

LNAPL has been daylighting within the Dominguez Channel south of Carson Street in Carson, California, since January 2011. The LNAPL was initially discharging through the bottom of the channel above a Plains All American Pipeline, L.P. pipeline and two former Shell Oil Company pipelines. LNAPL has also been observed discharging from a subdrain system consisting of perforated horizontal pipes within each levee.

Discharges of petroleum from the bottom of the channel have ceased for unknown reasons. Ongoing extraction of LNAPL from the western levee subdrain and from an impacted groundwater monitoring well within the western levee have successfully stopped discharges from the levee subdrains to the surface of the Dominguez Channel.

During January 2012, Regional Board staff took the following actions:

- ✦ Met with RELLC to discuss roles of various responsible parties.
- ✦ Negotiated with RELLC to take over the responsibility of boom operations/LNAPL containment within the Dominguez Channel from the Los Angeles County Department of Public Works.
- ✦ Reviewed a Supplemental Site Assessment Report on work performed at the former Active RV facility adjacent to the east side of the channel. Regional Board staff requested that additional work be performed to evaluate potential human health risks. This work plan is currently being prepared by RELLC in a collaborative process with Regional Board staff.
- ✦ Reviewed a Supplemental Site Assessment Report on soil and groundwater investigation work performed along the channel levees and nearby areas. Regional Board staff are determining the next course of assessment based upon the report results.
- ✦ Reviewed a Tidal Study Report that evaluated tidal interactions between the Dominguez Channel and groundwater aquifers adjacent to it.
- ✦ Regulated field assessment activities involving the advancement of boreholes into the bottom of the Dominguez Channel using a barge and drilling equipment to evaluate the distribution of

LNAPL immediately below the channel. The data obtained will be used to evaluate interim remediation options and to evaluate if multiple releases of petroleum are contributing to the Dominguez Channel impacts.

Participated in weekly update conference calls with RELLC and their consultants.

Site Clean Up III

Former Kast Tank Farm Property, Carousel Residential Neighborhood Tract, Carson

Dr. Teklewold Ayalew

The Regional Board has received and is currently reviewing a *Status Report on the Remedial Excavation and In-Situ Pilot Testing* dated January 23, 2012, submitted on behalf of Shell Oil Company (Shell), as a required component of the Cleanup and Abatement Order. The bi-monthly progress report itemizes activities completed as follows: 1) identification of suitable properties for pilot testing; 2) soils collected for bench-scale testing are being evaluated; 3) draft WDR application was submitted to Regional Board; and 4) Fact sheet &/or work notice for distribution to the community is in preparation. However, it should be noted here that the implementation of the remaining tasks of the *Pilot Test Work Plan* is dependent on access to properties identified as suitable candidates. Access has yet to be granted for properties represented by Girardi & Keese.

On January 25, 2012, the Regional Board participated in *Information Workshop on the environmental investigation of the former Kast Tank Farm Property* for the Carousel Tract residents and sponsored by the City of Carson. Staff informed the community of the ongoing investigation and provided an update on the status of the pilot testing to the Carousel Tract residents. An important subject discussed during the workshop was indoor air sampling, and the intrusive nature of the sampling protocol. Since the meeting, the Regional Board staff reviewed the conduct and execution of the indoor air sampling steps and concluded that the ongoing indoor air sampling is consistent with the Regional Board's Order titled Approval of Indoor Air Sampling and Analysis Work Plan dated November 4, 2009.

Due to the detection of methane at a concentration of 18 mole percent (mol%) for a vapor sample collected from a probe located in a garage, Regional Board ordered Shell to conduct an interim engineering and institutional control. Shell complied by submitting a *Methane Mitigation System Design and Implementation Plan* dated January 13, 2012. The Regional Board staff completed the review and issued a response letter dated January 20, 2012, that orders the implementation of a mitigation system based on the Los Angeles County Environmental Programs Division general requirements and customized to this home as appropriate

The Regional Board completed the review of the document titled Human Health Screening Risk Evaluation (HHSRE) for Total Petroleum Hydrocarbons (TPH) (Report). The Report presented the TPH hazard index estimates for soil data collected from 0 to 2 feet below ground surface (bgs) (surface) and 2 to 10 feet bgs (subsurface) for each property. The estimate was obtained using the Regional Board approved methodology, dated November 14, 2011, to calculate Risk Based Screening Levels. Based on the findings of the risk estimates, the Regional Board issued a response that orders Shell to evaluate institutional and/or engineering controls.

In January 2012, the Regional Board and OEHHA staff completed the review of five (5) Interim / Follow-Up Residential Sampling Reports and issued a response letter that states the follow-up actions. The completed residential sampling activity as of January 25, 2012 is as follows:

- 264 homes have been screened for methane (93%);
- 264 homes have had soils sampled and vapor probes installed (93%);

- 259 homes have had sub-slab soil vapor probes sampled (91%); and
- 41 homes have had indoor air sampled (14%).

Former Athens Tank Farm / Ujima and Earvin Magic Earvin Johnson Regional Park, Los Angeles
Dr. Teklewold Ayalew

The following Regional Board approved activities are currently underway:

- Monthly soil gas (i.e. methane and volatile organic compounds (VOCs) monitoring program using selected probes and utility vaults,
- On- and off-site multi-depth soil vapor probe sampling,
- Cone Penetrometer Tests using laser induced fluorescence (Ultra Violet Optical Screening Tool/UVOST™) for plume delineation,
- Soil vapor extraction (SVE) pilot testing,
- Evaluation of the potential for vapor intrusion into the surrounding homes, and
- Initiation of Remediation in the most contaminated areas of the site.

The monthly soil gas monitoring is now in its fifth round and the laboratory analytical results are consistent with the results from the initial investigation, in general, and indicate that VOCs, including benzene and hexane, and methane detected in crawl space vapor samples collected beneath the Daycare modular building were comparable to or below the levels in outdoor air samples collected adjacent to the Daycare building during the same periods. The relocation effort is currently in progress and the County has identified a potential site for the relocation of the Daycare. In subsequent discussions between the Regional Board and ExxonMobil, ExxonMobil agreed to assist with the County permitting process and has committed financial resources to the build-out of the new Daycare Center. The Regional Board, DTSC and responsible parties have also discussed the relocation of the Daycare with the Daycare Center owner, Susan Jones, and the landowner, Ujima Housing Corporation.

The implementation of the extended SVE pilot testing approved by Regional Board is ongoing. In January, SVE pilot testing and data collection took place at well pairs located near vapor probes designated as SV-006 and SV-013. The well pairs are screened at the depth intervals of 6 to 16 feet below ground surface (bgs) in the shallow vadose zone, and 20 to 30 feet bgs in the deeper vadose zone. In addition, system effluent samples were collected for laboratory analysis. ExxonMobil requested an extension for submittal of the technical report on the Soil Vapor Extraction pilot testing and a schedule extension for the submittal of a Remedial Action Plan (RAP) indicating that additional time would be needed to prepare a robust analysis of various remedial technologies that ultimately guide future actions. The report and RAP due date were extended from April 13, 2012 to June 15, 2012.

The Regional Board and DTSC staff ordered ExxonMobil to prepare a work plan for conducting an indoor air quality investigation for individual residential properties that are in close proximity to the vapor probe locations with confirmed exceedance of VOCs screening levels due to potential preferential pathways to indoor air. In response ExxonMobil requested for an extension for submittal of the Indoor Air Quality Investigation Work Plan due to year-end holidays. The Regional Board approved a schedule extension due date from January 31, 2012 to February 17, 2012.

The Regional Board has received and completed the review of the document titled, *Supplemental Groundwater Monitoring Well Installation Work Plan* and issued a response. The current network of groundwater monitoring wells includes 13 well pairs screened within the shallow perched aquifer and within the Exposition Aquifer. The objective of the additional well installation work plan is to expand the network to further delineate the lateral and vertical extent of petroleum hydrocarbon compounds impacted groundwater plume and further investigate hydrostratigraphy of the upper and lower portions of the Exposition Aquifer beneath the Site.

Former Main Street Cleaners, Venice

Steve Rowe

The Former Main Street Cleaners (Site) is a 1,050-square foot retail commercial property located within a mixed commercial and residential area of Venice, California approximately one-half mile east of the Pacific Ocean. From 1982 to 2000, a commercial dry cleaning facility operated at the Site. The facility ceased operations in 2000 and all dry cleaning equipment was removed at that time. Since 2000, the property has been used solely as a commercial retail office/warehouse.

Soil, soil vapor and groundwater beneath the Site have been impacted with chlorinated volatile organic compounds (VOCs), primarily tetrachloroethene (PCE) as well as trichloroethene (TCE), *cis*- and *trans*-1,2 dichloroethene (1,2-DCE) and vinyl chloride due to biodegradation of the PCE. Since 2000, there have been multiple soil, soil vapor and groundwater investigations. Maximum PCE concentrations of 724,000 micrograms per kilogram ($\mu\text{g}/\text{kg}$), 11,595 micrograms per liter ($\mu\text{g}/\text{L}$) and 1,100 $\mu\text{g}/\text{L}$ have been detected in soil, soil vapor and groundwater, respectively. The highest concentrations were near former dry cleaning machines and drums. Soil vapor extraction (SVE) remediation was previously attempted, but showed little success due to the fine-grained shallow soil (primarily clay) beneath the Site. Groundwater occurs at 8.5 to 9 feet below ground surface (bgs) and has exhibited variable flow directions. Groundwater monitoring has been conducted quarterly since 2008.

Remedial soil excavation was conducted in May 2011. A total of 24 cubic yards of VOCs-impacted soil was removed from the Site. Excavation depths ranged from three to eight feet bgs. Soil confirmation samples were collected from the floor and sidewalls, and the excavation was backfilled with a two-sack cement slurry. Eight sub-horizontal soil vapor probes were installed at two feet bgs along the eastern and southern sidewalls to evaluate residual soil vapor.

Soil confirmation sampling results were compared with the latest USEPA Region IX Regional Screening Levels (RSLs). Maximum residual soil concentrations detected on the floor of the excavation were 382 $\mu\text{g}/\text{kg}$ PCE, 53 $\mu\text{g}/\text{kg}$ TCE, 387 $\mu\text{g}/\text{kg}$ *cis*-1,2-DCE and 3 $\mu\text{g}/\text{kg}$ *trans*-1,2-DCE. These values were all below their RSLs based on residential (unrestricted) land use. However, soil confirmation samples along the southeastern sidewall showed concentrations up to 38,659 $\mu\text{g}/\text{kg}$ PCE at 4 feet bgs and up to 14,123 $\mu\text{g}/\text{kg}$ PCE at 7 feet. These PCE concentrations exceed their RSLs based on commercial/industrial land use. However, the other VOCs were all below their respective screening levels for residential use.

Soil vapor confirmation sampling results were compared with their respective California Human Health Screening Levels (CHHSLs). The maximum residual soil vapor concentrations were 4,880 $\mu\text{g}/\text{L}$ PCE, 315 $\mu\text{g}/\text{L}$ TCE, 284 $\mu\text{g}/\text{L}$ *cis*-1,2-DCE, 29 $\mu\text{g}/\text{L}$ *trans*-1,2-DCE and 11 $\mu\text{g}/\text{L}$ vinyl chloride. With the exception of *trans*-1,2-DCE, these values all significantly exceed their respective CHHSLs for commercial/industrial use.

Based on the results of soil and soil vapor confirmation samples, the Regional Board issued a CWC 13267 Order on December 5, 2011 requiring a workplan to conduct a vapor intrusion evaluation and human health risk assessment as well as delineation of the residual contamination detected in soil and soil vapor in the southeast portion of the Site. Upon receipt of this Order, the Responsible Party/Property Owner requested a meeting with the Regional Board to discuss the requirements outlined in the Order. Regional Board staff and management met with the RP/Owner, his attorney and consultant on December 13, 2011 to discuss the Order. The RP had no issue with the vapor intrusion evaluation (via indoor air sampling) as previously discussed. However, the RP was very concerned that he would be required to chase the contaminant plume offsite beneath the sidewalk and street – an effort he felt would be costly and unwarranted given the logistical feasibility of cleanup or mitigation within the public right-of-way. The consultant added that in addition to the required encroachment and excavation permits, the local city agency would require the RP to provide indemnification to avoid liability. For a large corporation, this might not be an issue but the current RP/Owner does not have the financial means to resolve this. The RP feels he has addressed the primary con-

cern, namely mass removal of the contamination onsite. He has been trying to refinance his loan to no avail because of the open Site Cleanup Case status of the site. Regional Board staff and management are trying to work with the RP on this issue, but have informed the RP that we cannot close the site until we can verify that there is minimal risk to human health and the environment. During the meeting, the consultant raised the possibility of obtaining a partial “no further action” (NFA) or equivalent language with respect to onsite soil.

On behalf of the RP/Owner, the consultant submitted a *Work Plan for Vapor Intrusion Evaluation* (workplan) dated January 24, 2012. The workplan is currently under the staff review.

Former Frigid Coil Facility, Santa Fe Springs

Angelica Castaneda

After a series of soil and groundwater investigations, a No Further Action determination for Commercial/Industrial land use was granted for the site on January 27, 2012. A Covenant and Environmental Restriction on Property was filed and recorded in Official Records, Recorder’s Office, Los Angeles County on December 28, 2011

Sidney Revocable Trust Olympic Property, Los Angeles

Paul Cho

This former dry cleaning facility is located at 4001 W. Olympic Boulevard, Los Angeles. Dry cleaning operation was conducted from 1937 until 1942. Due to the previous dry cleaning operation, soil and groundwater were contaminated with tetrachloroethene (PCE). A No Further Action determination (NFA) for soil was issued by the Regional Board on June 8, 2001.

Regional Board staff has provided an active and prompt regulatory oversight toward site closure since 2009. As a result of the regulatory oversight, additional site assessment was performed in June 2010 and July 2011. Regional Board staff received the October 24, 2011, *Summary Closure Report*, for the subject site’s closure request.

During the initial site assessment performed in 2000, PCE was detected in only one groundwater sample at a concentration of 6.7 micrograms per liter. This one time detection of PCE cannot be replicated and all new results showed ND (not detected). Regional Board staff issued groundwater NFA on February 2, 2012.

Former J. Stanley Klein Trust Property, Los Angeles

Paul Cho,

The site is located at 10767 and 10769 West Pico Boulevard in Los Angeles. Dry cleaning facilities operated at the site from 1962 to 1989. Due to the previous dry cleaning operation, soil and groundwater were contaminated with tetrachloroethene (PCE).

Regional Board staff issued an order requiring submittal of technical reports pursuant to California Water Code section 13267 on September 16, 2011. Per this order, a workplan for supplemental sampling to respond to the November 18, 2010 Memorandum by OEHHA and conceptual site models were required to be prepared.

In order to meet the requirements of the September 16, 2011 order, the responsible party submitted a workplans for installation of a vapor intrusion mitigation system and confirmation assessment. Regional Board staff reviewed the workplans and issued approval letters on January 11, 2012. A Report containing

results of the vapor intrusion mitigation system and the proposed confirmation assessment is due on May 31, 2012.

Playa Vista, Area D2, Los Angeles

Dr. Noori Alavi,

An Updated Request for “No Further Action” (NFA) Determination for Soils, North and West Portions of Area D2 (Updated NFA Request) was submitted to the Regional Board on June 1, 2011. In the Updated NFA Request, four locations were identified where total petroleum hydrocarbons (TPH) concentrations in soil exceeded Level II criteria provided in Playa Vista’s *Guidelines for Assessing and Handling Tar Sand Containing Soils* (Playa Vista, 2004).

On August 25, 2011, representatives of Playa met with Regional Board to discuss the status of the NFA request. It was agreed that the current conditions at the four locations with TPH concentrations exceeding TPH screening levels require additional assessment. A *Supplemental Soil Assessment Work Plan, Area D2, Playa Vista Site, Playa Vista*, was submitted by Hargis + Associates, Inc. (Hargis) on September 30, 2011. The work plan was approved by the Regional Board on October 18, 2011. Implementation of the work plan began on November 16, 2011 by Hargis with the collection of soil samples at each of the four locations. Each sample was analyzed for TPH, volatile organic compounds (VOCs), polychlorinated biphenyls (PCBs), and polycyclic aromatic hydrocarbons (PAHs). Additionally, step-out soil borings were placed along three lines radiating away from each of the four borings at distances of 10, 25, and 40 feet.

On December 12, 2011, Playa requested that the Regional Board accommodate Playa’s development schedule by excluding the south western portion of Area D2 for determination of the NFA. On January 9, 2012, a soil NFA was issued by the Regional Board for approximately 70-acres of land on the North and North West of Area D2. The NFA will enable redevelopment of the property and bring the site back into full economic use. The soil NFA determination for an approximate 8 acre area in south western portion of Area D2 is pending receipt of a supplemental field data collection report by Playa and will be issued in a separate letter.

Site Clean Up IV

Former General Clinic Plastics Corporation Facility, La Mirada

Robert Ehe

On January 19, 2012, the Regional Board Executive Officer issued a “No Further Action” letter to Desman Realty Associates, LLC, for the site at 15210 Desman Road in La Mirada, the location of former General Clinical Plastics Corporation facility. The 2.25-acre site has been used for light manufacturing since 1978, and included a former clarifier to treat wastewater prior to discharge under an industrial wastewater permit. From 1983 to 2002, General Clinical Plastics Corporation used the site to manufacture disposable medical products such as wash basins, water pitchers, urinals, bed pans, bowls and trays. In 2002, the former clarifier was removed along with the surrounding soil. Between 2002 and 2006, groundwater monitoring was conducted with results demonstrating decreasing concentrations of contaminants of concern in groundwater. In 2011, soil and groundwater samples were collected to show concentrations of residual contaminants of concern below the criteria for no further action at the site.

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 **December 28, 2011** through **January 24, 2012**, and determined that no further corrective actions are required for the following sites:

1. Los Angeles Data Center, Los Angeles (900120116)
2. Former Discount Priceland, Gardena (I-15832)
3. LAX Equipment, Inglewood (R-09641)
4. Expert Car Wash, Los Angeles (900360152A)
5. Vega Auto Service, Los Angeles (900330198)
6. 76 Service Station #4682, Woodland Hills (913670634)
7. Imperial Park Incorporated (Former Cal Target Station No. 22), Cudahy (R-27072)
8. Ecology Auto Parts, Wilmington (907440470)
9. Water Well Supply, Santa Fe Springs (906700461)
10. Thrifty Oil Station No. 20 (ARCO Station No. 9517), Los Angeles (900250189)
11. Thrifty Station #004, Artesia (I-10923)
12. Jayco Enterprises, Long Beach (908050761)
13. Los Angeles Royal Vista Golf Course, Walnut (R-05889)
14. Florence Chevron, Los Angeles (900030143A)

For the above case closure sites above, a total of **3,050** tons of impacted soils were excavated and **363,445** pounds of hydrocarbons were removed by soil vapor extraction system. In addition, **635** gallons of LNAPL were moved and **1,646,597** gallons of groundwater were treated.

General Waste Discharge Requirements (WDRs)

Yue Rong

The Executive Officer, on behalf of the board, issued 1 General Waste Discharge Requirements (WDRs) to former ExxonMobil 18-JAR, located in Ventura (1/6/2012). The WDRs issued for injection of oxidation compounds 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.

Administrative Services

As of March 1, 2012 our staff total is 135: 118 technical staff, 11 permanent analytical staff and 6 permanent clerical staff.

The following appointment was made:

Alireza Rahmani, Environmental Scientist, Compliance & Enforcement Section, effective February 1, 2012.