



November 20, 2008

California Regional Water Quality Control Board

Los Angeles Region

Tracy Egoscue, 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.

2008 Water Quality Awards

On October 30th, the Los Angeles Regional Board hosted the 7th Annual H. David Nahai Water Quality Awards, which recognizes outstanding accomplishments in water quality education, restoration, protection and leadership. Lt. Governor John Garamendi was the recipient of the Board's Water Quality Excellence Award for his legislation protecting the waters of Lake Tahoe, Mono Lake, Sacramento and San Joaquin Rivers and Delta. The Lt. Governor was also honored for his work as a member of the Ocean Protection Council to decrease ocean and beach pollution, especially from plastic refuse. Patt Morrison--Los Angeles Times columnist, recipient of six Emmys and four Golden Mikes and author of the best selling book, Rio LA, Tales from the Los Angeles River--was presented with the Board's Education Award for her timely, insightful and balanced coverage of water-related issues, including water supply, use and reuse, the threat of pharmaceuticals and other contaminants to water purity and aquatic life, the exploitation of local aquifers to supply bottled water and the on-going controversies regarding the protection and management of Southern California's water resources, including the Bay Delta and Santa Monica Bay. The Board's Restoration/Protection Award was given to the City of Los Angeles and Northeast Trees for their Oros Green Street Project, which re-engineered a neighborhood street to direct both wet and dry weather runoff into a series of storm water gardens where it is purified before being released into the Los Angeles River. The Oros Green Street Project marks the first time a neighborhood sub-watershed contributes no pollutants to the Los Angeles River and serves as a low-cost, low-tech example of how to green streets, not only in the City of Los Angeles but throughout the State and Nation. The evening also included a special tribute to David Nahai for his visionary, steadfast and bold leadership while a board member and as the Regional Board's only four-term chair.

The gala was attended by over 270 celebrants, including elected representatives from all levels of government and State Board Vice Chair Gary Wolf, Chief Counsel Michael Lauffer, Assistant Chief Counsel Phil Wyles, Executive Director Dorothy Rice and Chief Deputy Director Jon Bishop. The awards program was begun in 2001 and is totally self-supporting through ticket sales.

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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Total Maximum Daily Loads (TMDLs)

Upper Santa Clara River Chloride TMDL Basin Plan Amendment

Yanjie Chu

On September 30, 2008, Regional Board staff sent out notice for the proposed Basin Plan Amendments to the Water Quality Control Plan for the Los Angeles Region to reconsider the Upper Santa Clara River Chloride TMDL and consider conditional site specific objectives for chloride and consider interim wasteload allocations for sulfate and total dissolved solids. The proposed amendments would involve: (1) revisions to water quality objectives (WQOs) for surface water and groundwater in Reaches 4B, 5, and 6 of the Santa Clara River to support an Alternative Water Resources Management (AWRM) program, and (2) implementation of an AWRM approach to meet revised WQOs while protecting beneficial uses and achieving an overall salt balance in the watershed. Regional Board staff is planning to bring the proposed amendments to the Board on December, 11, 2008 at 9:00 A.M., at the Ventura County Board of Supervisors Meeting Room, 800 S. Victoria Ave., Ventura, California. Written comments and exhibits must be received by the Regional Board no later than 5:00 p.m. on November 14, 2008. Copies of the Proposed Resolution, Tentative Basin Plan Amendments, Draft Staff Report, Draft Substitute Environmental Document containing the CEQA checklist, Responses to Comments to Date, Notice of Filing, Notice of Hearing, and other related documents for the proposed amendments are available on the Regional Board's website at: http://www.waterboards.ca.gov/losangeles/board_decisions/basin_plan_amendments/technical_documents/bpa_69_New_td.shtml

For more information, please contact Yanjie Chu at (213) 576-6681.

Enforcement Unit

NPDES Facility Inspection

Jose Morales

Enforcement Unit NPDES inspectors conducted inspections at 5 facilities with NPDES Permits since October 2, 2008. Inspection of these facilities is a required part of the NPDES program.

Offer To Participate In Expedited Payment Program:

- Settlement Offer No. R4-2008-0078-M in the amount of \$111,000 was issued to the Los Angeles Zoo, on October 16, 2008 for violation of waste discharge requirements contained in Board Order No.98-053. The Permittee has until November 17, 2008 to respond.

- Settlement Offer No. R4-2008-0065-M in the amount of \$15,000 was issued to Cemex Construction Materials, L.P., on September 23, 2008 for violation of waste discharge requirements contained in Board Order No. R4-2002-0102. On October 10, 2008, Cemex Construction Materials, LP accepted the Regional Board's offer to participate in the Expedited Payment Program and waived their right to a hearing.
- Settlement Offer No. R4-2008-0066-M in the amount of \$15,000 was issued to Catalina Pacific Concrete Corporation on September 23, 2008 for violation of waste discharge requirements contained in Board Order No. R4-2002-0101. The Permittee has until October 23, 2008 to respond.
- Settlement Offer No. R4-2008-0071-M in the amount of \$9,000 was issued to Petro-Diamond Terminal on September 23, 2008 for violation of waste discharge requirements contained in Board Order No. R4-2002-0150. On September 29, 2008, Petro-Diamond Terminal Company accepted the Regional Board's offer to participate in the Expedited Payment Program and waived their right to a hearing.
- Settlement Offer No. R4-2008-0044-M in the amount of \$387,000 was issued to D. R. Horton Los Angeles Holding Company, Inc. on September 26, 2008 for violation of waste discharge requirements contained in Board Order No. R4-2003-0141. The Permittee has until October 27, 2008 to respond.
- Settlement Offer No. R4-2008-0064-M in the amount of \$123,000 was issued to Paramount Petroleum Corporation on September 26, 2008 for violation of waste discharge requirements contained in Board Order Nos. 99-131 and R4-2005-0082. The Permittee has until October 27, 2008 to respond.
- Settlement Offer No. R4-2008-0067-M in the amount of \$12,000 was issued to Sanitation Districts of Los Angeles County on September 30, 2008 for violation of waste discharge requirements contained in Board Order Nos. 97-076 and R4-2002-0123. The Permittee has until October 30, 2008 to respond.
- Settlement Offer No. R4-2008-0070-M in the amount of \$126,000 was issued to Sanitation Districts of Los Angeles County on September 30, 2008 for violation of waste discharge requirements contained in Board Order Nos. 95-077 and R4-2002-0121. The Permittee has until October 30, 2008 to respond.
- Settlement Offer No. R4-2008-0075-M in the amount of \$159,000 was issued to U.S. Gypsum Corporation on October 3, 2008 for violation of waste discharge requirements contained in Board Order Nos. 00-066 and R4-2006-0030. The Permittee has until November 3, 2008 to respond.
- Settlement Offer No. R4-2008-0074-M in the amount of \$9,000 was issued to Greene's Ready Mixed Concrete Corporation on October 14, 2008 for violation of waste discharge requirements contained in Board Order No. R4-2002-0101. The Permittee has until November 13, 2008 to respond.
- Settlement Offer No. R4-2008-0079-M in the amount of \$54,000 was issued to Dayton Superior Specialty Chemical on October 16, 2008 for violation of waste discharge requirements contained in Board Order No. 01-158. The Permittee has until November 17, 2008 to respond.
- Settlement Offer No. R4-2008-0094-M in the amount of \$3,000 was issued to AES Redondo Beach, LLC on October 20, 2008 for violation of waste discharge requirements contained in Board Order No. 00-085. The Permittee has until November 19, 2008 to respond.
- Settlement Offer No. R4-2008-0091-M in the amount of \$ 117,000 was issued to City of San Buenaventura Ventura Wastewater Reclamation Facility on October 17, 2008 for violation of waste discharge requirements contained in Board Order Nos. 00-143 and R4-2008-0011. The Permittee has until November 16, 2008 to respond.
- Settlement Offer No. R4-2008-0090-M in the amount of \$ 36,000 was issued to Kinder Morgan Liquids Terminals, LLC on October 17, 2008 for violation of waste discharge requirements contained in Board Order Nos. 00-087 R4-2006-0032. The Permittee has until November 16, 2008 to respond.
- Settlement Offer No. R4-2008-0093-M in the amount of \$15,000 was issued to Las Virgenes Municipal Water District, on October 17, 2008 for violation of waste discharge requirements contained in Board Order No. 97-135,97-136, 98-030, 99-142, R4-2005-0074 and R4-2005-0075. The Permittee has until November 17, 2008 to respond.
- Settlement Offer No. R4-2008-0095-M in the amount of \$9,000 was issued to Home Depot U.S.A.,

Inc., on October 17, 2008 for violation of waste discharge requirements contained in Board Order No. R4-2002-0185. The Permittee has until November 17, 2008 to respond.

- Settlement Offer No. R4-2008-0076-M in the amount of \$60,000 was issued to Kinder Morgan Liquids Terminals, LLC. on October 10, 2008 for violation of waste discharge requirements contained in Board Order No. 96-010 and R4-2003-0053. The Permittee has until November 10, 2008 to respond.
- Settlement Offer No. R4-2008-0056-M in the amount of \$93,000 was issued to 750 Garland, LLC, on September 15, 2008 for violation of waste discharge requirements contained in Board Order Nos. 97-095 and R4-2006-0053. The Permittee has until October 15, 2008 to respond.
- Settlement Offer No. R4-2008-0060-M in the amount of \$240,000 was issued to Morton Salt - Long Beach, on September 15, 2008 for violation of waste discharge requirements contained in Board Order Nos. 97-081 and R4-2004-0174. The Permittee has until October 15, 2008 to respond.
- Settlement Offer No. R4-2008-0046-M in the amount of \$231,000 was issued to the City of Santa Clarita, on September 15, 2008 for violation of waste discharge requirements contained in Board Order Nos. R4-2003-0099 and R4-2003-0100. The Permittee has until October 15, 2008 to respond.
- Settlement Offer No. R4-2008-0055-M in the amount of \$139,000 was issued to UPS/Textron, on September 26, 2008 for violation of waste discharge requirements contained in Board Order No. R4-2003-0148. The Permittee has until October 27, 2008 to respond.
- Settlement Offer No. R4-2008-0089-M in the amount of \$102,000 was issued to Hexion Specialty Chemicals, Inc., on October 15, 2008 for violation of waste discharge requirements contained in Board Order Nos. 99-053 and R4-2005-0029. The Permittee has until November 17, 2008 to respond.
- Settlement Offer No. R4-2008-0093-M in the amount of \$15,000 was issued to Las Virgenes Municipal Water District, on October 17, 2008 for violation of waste discharge requirements contained in Board Order No. 97-135,97-136, 98-030, 99-142, R4-2005-0074 and R4-2005-0075. The Permittee has until November 17, 2008 to respond.
- Settlement Offer No. R4-2008-0095-M in the amount of \$9,000 was issued to Home Depot U.S.A., Inc., on October 17, 2008 for violation of waste discharge requirements contained in Board Order No. R4-2002-0185. The Permittee has until November 17, 2008 to respond.
- Settlement Offer No. R4-2008-0076-M in the amount of \$60,000 was issued to Kinder Morgan Liquids Terminals, LLC., on October 10, 2008 for violation of waste discharge requirements contained in Board Order No. 96-010 and R4-2003-0053. The Permittee has until November 10, 2008 to respond.

Stormwater Compliance and Enforcement

Notices of Non-Compliance (NNCs), Denials of Notice of Termination, Denial of Non-Exposure Certificate and Notices of Violation (NOVs): from September 4th to October 16th, 2008

Harumi Goya and Ejigu Solomon

Unit staff issued 1 Notice of Non-Compliance (NNC) during this period:

Date Issued	Facility/Construction Site	Type
9/8/08	California Centrifugal Pump, Inc.	Industrial

5 Notices of Terminations (NOTs) were denied:

Date Issued	WDID#	Permittee	Type
9/29/2008	419C344820	R R&C Development Co.	Industrial
9/29/2008	419C346781	County of Los Angeles	Construction
10/1/2008	456C334657	Oxnard City Water Division	Construction
10/3/2008	419C347874	Chalmers Lindbergh LLC	Construction
10/16/2008	419C337454	Diamond Ridge Development, LLC	Construction

1 Non-Exposure Certificate (NEC) was denied

Date Issued	WDID#	Permittee	Type
10/8/2008	419I018660	Smith Cooper International	Industrial

8 Notices of Violations (NOVs) were issued:

Date Issued	WDID#	Permittee	Type
9/5/08	419I010894	Davis Wire Corporation	Industrial
9/10/08	419I016031	Indalex Aluminum Solutions	Industrial
9/15/08	419I000799	Crocker Plating Woods	Industrial
9/15/2008	456I017071	Pacific Rock, Inc.	Industrial
9/15/2008	419I019052	Tempwerks Inc.	Industrial
9/29/08	419I019759	Pomona Municipal Direct Transfer Facility	Industrial
9/29/08	419I002110	San Diego Rotary Broom	Industrial
10/1/08	419I003076	Mardig Tachakalian	Industrial

Watershed Management

Watershed Stakeholder Activities

Nine of the ten watershed management areas in the Los Angeles Region have extensive stakeholder (represented by agencies, businesses, individuals, and nonprofit organizations) involvement in watershed activities including development of planning documents and implementation of restoration projects. Major watershed activities involving multiple stakeholders include implementation of a Ventura River Watershed Ecosystem Restoration Feasibility Study which found restoration the ecosystem through removal of Matilija Dam was feasible and development of restoration plans for Ormond Beach and Ballona Wetlands. Additional information on watershed stakeholder activities may be found at http://www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/index.shtml#Watershed.

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://calwatershedfunds.org/>. Both Los Angeles and Ventura Counties have developed Inte-

grated Regional Water Management Plans (IRWMPs) in order to qualify for funding under Propositions 50 and 84. The Los Angeles County IRWMP 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 IRWMP 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 IRWMPs include the upper Santa Clara River. Stakeholders in that area have developed a separate IRWMP which is available at <http://www.scrwaterplan.org>.

General Permitting

Desalination Demonstration project

Rebecca Christmann

On September 24, 2008, West Basin Municipal Water District (Discharger) and their consultants meet with Regional Board staff, including Deborah Smith, Chief Deputy Executive Officer, to update staff on the Desalination Demonstration project and start the NPDES permitting process. Attendees included Phil Lauri, the project engineer with West Basin Municipal Water District; John Robinson, the lead consultant/project manager with MWH; Kevin Thomas, the CEQA and permitting consultant with RBF; and Mary Jane Foley, the regulatory affairs consultant.

The Desalination Demonstration project will be located at the SEA Lab in Redondo Beach. Once the project is completed, the SEA Lab will benefit from the improvements that will be made to the facility. West Basin will restore a large building on site that will be used for education and public outreach during the project and as classroom space and a visitor center once the project is completed.

Currently, West Basin is conducting a pilot desalination project at the El Segundo Generating Station. The same technology employed at El Segundo will be implemented for the demonstration project at Redondo Beach. The main purpose of the demonstration project is to test different water intake technologies. West Basin will also be partnering with the University of Southern California to conduct a red tide algal bloom study within King Harbor as part of the project.

West Basin is scheduled to release the Draft Environmental Impact Report (EIR) by mid October and anticipates having the EIR certified in January 2009. The Discharger will be submitting the Report of Waste Discharge to the Regional Board by the end of October.

Underground Storage Tanks

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 **September 10, 2008** through **October 8, 2008**, and determined that no further corrective actions are required for the following sites:

- US Postal Service Vehicle Maintenance Facility, Santa Clarita (R-17066)
- Former Chevron Station No. 9-2437, Saugus (R-09574)
- Shell Service Station, Chatsworth (91311225)
- Former Arco Station No. 05355, Los Angeles (900100025)
- 76 Service Station #4757, Reseda (913350807A)

- Shell Service Station, Pomona (R-26158)
- 76 Service Station No. 256178, Los Angeles (900410016A)
- 400 La Brea LLC Property, Los Angeles (900360281)
- Shell Service Station/Former Texaco, Huntington Park (R-26112)
- The California Endowment, Los Angeles (900120489)
- Shell Service Station, Whittier (R-26330A)

For the case closure sites above, a total of **68,229** tons of impacted soils were excavated, **6,003** pounds of hydrocarbons were removed by the soil vapor extraction system.

Charnock Sub-basin MTBE Cleanup

Weixing Tong/Jay Huang

MTBE cleanup in the Charnock Sub-basin has been ongoing. In 1996, the discovery of MTBE contamination of the City of Santa Monica’s Charnock wellfield resulted in shutdown of the wellfield and consequently

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PRP #	Site Name	Soil Remediation			Groundwater Remediation				
		TPHg lb	Benzene lb	MTBE lb	TPHg Lb	Benzene lb	MTBE lb	TBA lb	Water million gal
3	Former Arco Station #1578	13,373							
4	Arco Station #1246	60,357	1,071	23					
6	Former Conoco Station	4,973	39.58						
7	Former Unocal Station #3016	31,455	87	90	0.8	0.004	1		4.1
8	Mobil Station # 18-FX5	14,886	85	305	1,129.3	3.22	1.16		52.5
10	Chevron Station #9-0561	5,390	24.5	34			0.12		0.18
11	Shell Station # 204-1944-0100	5,319	32	107	14,596	628	2,315.7	792.4	669
12	Winall #18	14,665	99	1,937					
15	Former Powergas Station	20,081	68	948					
18	Former Shell Station	380	2.4	0.4					
19	Former ARCO Station #5117	11,079	11.9	14.7					
23	Former Thrifty #247	58,469	680	787					
40	Former Shell Service Station	5,815	80	14					
	Total	246,242	2,280.38	4,260.1	15,726.1	631.22	2,317.98	792.4	725.78

loss of over 6 million gallons per day of groundwater supply – an amount equal to approximately half of the City’s daily water demand. On November 21, 2003, the City of Santa Monica and three oil companies (Shell, Chevron, and ExxonMobil) reached a settlement that promises the construction of a treatment plant to restore the drinking water supply to the residents of Santa Monica from the Charnock Sub-Basin. In 2006, the city re-negotiated with the settling major oil companies (Shell, Chevron, and ExxonMobil). Under the new agreement, the city has undertaken full responsibility to build and operate the treatment plant and bring the Charnock wellfield back to productive service.

Since 1996, this Regional Board, working along with USEPA, has diligently investigated and overseen cleanup of the regional and site-specific contamination. As of August 2008, a total of 748 million gallons of groundwater in the Charnock Sub-Basin Investigation Area have been treated. To date, a total of 2,333 pounds of MTBE have been removed from groundwater and 4,260 pounds of MTBE from soil. In addition, 15,778 pounds of gasoline have been removed from groundwater and 246,242 pounds from soil (see the table below).

To date, the site-specific cleanup is still ongoing. The construction of the treatment plant combining with source site cleanup will ensure the full restoration of groundwater production from the Charnock Sub-Basin.

In the meantime, staff have also been conducting low risk review for those Charnock sites where cleanup has been completed. From February 2004 to May 2008, staff issued “No Further Action” letter to fourteen sites (PRP sites #5, #12, #15, #16, #19, #20, #21, #24, #29, #30, #36, #37, #42, #44). Since November 2005, vadose zone cleanup using vapor extraction system has been initiated at PRP#18, PRP#35 and PRP#40. Recently, soil remediation (SVE) has been completed at PRP #6 and PRP #10 sites.

For more information on the Charnock Sub-Basin cleanup, visit

http://www.waterboards.ca.gov/losangeles/html/programs/ust/charnock_mtbe.html

Or www.epa.gov/region09/charnock.

Executive Officer issued general Waste Discharge Requirements (WDRs)

Yue Rong

The Executive Officer, on behalf of the board, issued 1 general Waste Discharge Requirements (WDRs) to Former Arco Service Station, located in Tujunga (9/10/08). The WDRs issued for injection of oxygen release 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.

Site Cleanup IV Unit

Paragon Cleaners, Hollywood

Henry Jones

Paragon Cleaners is located in a building at the northeast corner of Fountain Avenue and Vine Street in Hollywood. The dry cleaner ceased use of tetrachloroethene (PCE) and is currently using “green” chemicals for the dry cleaning process. An investigation of a former dry cleaner located diagonally across the street found elevated levels of PCE near Paragon Cleaners, prompting the current investigation. In an ongoing investigation effort, Paragon Cleaners submitted a modification plan to their July 23, 2007 *Phase II Site Assessment Workplan*, which was conditionally approved by the Regional Board on August 1, 2007. The modification plan consists of two phases of work. In the first phase of the workplan, eight soil vapor samples will be collected and analyzed using an onsite mobile lab to evaluate the extent of VOC vapors in the subsurface. The second phase will include six soil borings using a direct push rig to collect soil and groundwater samples. Three of the soil borings will then be converted to groundwater monitoring wells.

Henry Company, Huntington Park

Henry Jones

The Henry Company operated an approximately 5.45-acre facility located on the northwest corner of Slau-son Avenue and Bickett Street in Huntington Park. The subject property formerly manufactured asphalt based roofing facility but is currently being used only for warehousing and distribution. All of the manufacturing equipment, process piping, and aboveground storage tanks, have been removed from the property. Also, all underground storage tanks were removed or abandoned in-place under appropriate regulatory approvals.

The chemicals of concern associated with the former Henry Company manufacturing activities are asphalt cutback, mineral spirits, naphtha and naphthalite, toluene, fuel oil and 1,1,1-trichloroethane. Free-product recovery was initiated in 2001 and a vapor extraction system for the underground storage tanks area was put into operation on the Northern Portion of the site in 2006.

The Henry Company submitted a site assessment report that evaluated the chemicals in soil, effectiveness of remedial measures completed, and a Human Health Screening Evaluation. In order to better evaluate the site condition and cleanup results, staff has requested additional work. The Henry Company is to install two additional groundwater monitoring wells to refine the site conceptual model and two additional soil samples to further assess the southeast corner of the site.

Former Chemoil Refinery, Signal Hill

Ann Lin

The former Chemoil Refinery site was operated by Chemoil between August 1988 and February 1994. Dismantling of the refinery occurred from 1997 to 1998. The site is divided into two main parcels: the Western Parcel (5.7 acres) and the Eastern Parcel (2.5 acres). Subsurface investigations have been performed since 1985. Regional Board oversight/closure related discussions dealing strictly with the Eastern Parcel were initiated in 1998. A limited subsurface site characterization was performed in 2006 by parties interested in purchasing this site. Onsite hydrocarbon-impacted soil extended from the ground surface to the water table (to 41 feet bgs) within the central portion of Western Parcel. A light non-aqueous phase liquid (LNAPL) of limited lateral extent was previously reported overlying the shallow semi-perched zone beneath the Western Parcel. The LNAPL recovery program was operated from 1987 to 1994; the recovery system was terminated with subsequent hand bailing in R-4 and MW-9. As of June 2007, dissolved benzene data inferred that the plume had migrated offsite towards the east with a limited extent in the vicinity of well MW-9 (340 µg/l, Western Parcel). Only a trace level of total recoverable petroleum hydrocarbons as diesel was found beneath the Eastern Parcel. The current groundwater monitoring network incorporates seven groundwater monitoring wells; five wells on the Western Parcel, and two on the Eastern Parcel. Chandran Family Trust (CFT) is the current property owner.

Although staff previously discussed with CFT the need for a work plan for groundwater monitoring and remediation activities, CFT only submitted a work plan on September 18, 2008 for ownership verification and phased assessment plans. Since the work plan did not include the remediation phase staff discussed with CFT, CFT agreed to install replacement groundwater monitoring wells. CFT also agreed to revise their work plan with updated drilling, sampling and analysis plan for further review.

Former Marina One-hour Dry Cleaners, Marina Del Rey

Ann Lin

The former Marina One-hour Dry Cleaners site is approximately 0.95 acre in a mixed commercial/residential area in Marina Del Rey. Per staff's request, the property owner increased soil vapor extraction (SVE) operations starting September 2008 and significantly enhanced mass removal for shallow soil. Staff conducted a site inspection and discussed additional offsite site assessment with the consultant to further define the offsite extent of PCE in soil, soil vapor, and groundwater, and options for in-situ groundwater remediation. As a result of this discussion the property owner submitted a work plan on October 3, 2008, for installation of an additional groundwater monitoring well in an offsite location, offsite soil gas survey, and pilot injection test for in-situ remediation. Staff reviewed proposed work plan and issued a conditional approval letter.

Former Slide System Facility

Ann Lin

The former Slide System facility is located along the northern boundary of the Chevron El Segundo Refinery in the city of El Segundo. Currently, a laboratory occupies most of this 0.95-acre property.

The discharger submitted a Remedial Action Plan (RAP) for soil cleanup in response to staff's request for

interim remedial action. After staff's review of the RAP, staff determined that there is a data gap in the site investigation (vertical extent of contaminants in soil matrix in particular). Staff requested the discharger to conduct further delineation of vertical extent of PCE contamination at the source area prior to implement further remedial action.

Former Raytheon Facility—(Hughes Missile Systems Company)

The referenced site is approximately 86 acres. From 1959 until 1966, the site was developed as an industrial park by Bunker-Ramo, an electrical component design and testing company. Hughes Missile Systems operated the site as an aerospace research and development facility since 1966. Through a merger with Hughes in 1997, Raytheon assumed management of the environmental investigations and remediation activities at the site. The site is currently used for commercial office space.

Numerous investigations and remedial activities have been ongoing since the early 1990's. LARWQCB has been overseeing the interim remediation of groundwater at the site since 1995 while DTSC is the lead agency for environmental issues at the site. The predominant groundwater contaminant across the site is 1,1-dichloroethene (1,1-DCE) and groundwater occurs between 10 ft and 65 ft bgs depending on the location on the site.

In addition, LARWQCB issued California Water Code section 13267 Order requiring a work plan for a site-wide groundwater investigation to verify current radioactivity conditions at the site in response to public concerns.

Landfill Program

Board Staff Inspection of Lopez Canyon Landfill Following Wild Fire Damage

Wen Yang

Between October 12 and October 16, 2008, the Marek Fire in Los Angeles County burned nearly 4,824 acres of land in the Little Tujunga Canyon, Kagel Canyon, and Lakeview Terrace area. The Lopez Canyon Landfill in Lake View Terrace, which is regulated under waste discharge requirements (WDRs, Order No. R4-2004-0176) adopted by the Regional Board, suffered significant damage during the fire. To assess fire damage and ensure compliance with the WDRs, Board staff inspected the landfill on October 16, 2008.

The Lopez Canyon Landfill stopped receiving municipal solid wastes in 1996 and is currently in the process of final closure. A green waste recycling and composting facility has been constructed on top of a closed portion of the landfill and has been in operation since 2004. The fire destroyed the main storage facility at the site and caused heavy damage to several trailers that had been used to store supplies. Dozens of vehicles and assorted equipment were burned. The landfill gas collection system in several areas was damaged and the gas-to-energy plant at the site had to be shut down temporarily.

During the inspection, staff observed that the damaged gas lines had been repaired and the operations of the gas-to-energy plant had resumed. The construction of final cover at Area C (the last portion to be closed) was on hold. Staff was told that final closure work would be resumed as soon as site condition permits. The green waste recycling and composting facility was not impacted by the fire, however, operations of the facility stopped because of the fire. The leachate collection and removal system was not affected by the fire. Groundwater monitoring wells could not be inspected because of road conditions. Staff will conduct follow up inspections to ensure compliance of the WDRs.

American Remedial Technologies Termal Desorption Facility (Lynwood)

Enrique Casas

American Remedial Technologies, Inc. (ART) has treated non-hazardous petroleum hydrocarbon contaminated soils through thermal desorption at 2680 Imperial Highway, Lynwood, CA under waste discharge requirements of Regional Board Order No. R4-2004-0055. ART uses thermal desorption technology to treat incoming petroleum hydrocarbon contaminated soils to levels that are protective of surface and ground waters. The thermal desorption process involves heating the petroleum hydrocarbon contaminated soils to temperatures necessary to remove the adsorbed petroleum hydrocarbons, thus reducing their concentrations to acceptable regulatory levels. Limits for treated soils can vary dependant on the three disposal/reuse options:

- Reuse as construction backfill,
- Reuse as road base, ART,
- disposal at an inert landfill or Class III landfill

On September 9, 2008, Regional Board staff conducted an inspection of ART's facility at the request of the City of Lynwood (City), Building and Safety Department in order to evaluate compliance with Regional Board Order No. R4-2004-0055.

Violations of Regional Board Order No. R4-2004-0055 were observed during the September 9, 2008 inspection. On the southern boundary to the facility, portions of an existing corrugated steel building are damaged such that it is no longer capable of containing soils and surface water from spilling onto the adjacent property. Also, information forwarded to us by City staff indicates that soils have been discharged to the surface water drainage channel leading from an equipment storage area on Westech Way utilized by ART.

ART is in violation of Prohibitions A.6, A.13, and A.14 of Order No. R4-2004-0055 as follows:

- 6. Odors, vectors, and other nuisances of waste origin caused by ART's operation are prohibited.
- 13. No condition of pollution or nuisance, as defined by § 13050 of the CWC, shall be caused by the handling, storage, treatment, and reuse of the wastes, or from any operation conducted in association with treatment operations subject to this Order
- 14. The discharge of wastes or waste constituents to groundwater, surface waters, or surface water drainage courses is prohibited.

Regional Board Landfills staff has prepared a Notice of Violation and California Water Code section 13267 order to submit technical information consisting of plans to repair or replace facilities that will control off-site discharge of wastes or waste constituents and has referred the site to the Stormwater unit to evaluate potential violations of State Board Order No. 97-02-DWQ – the General Permit for *Storm Water Discharges Associated with Industrial Activities* (General Permit).

Site Cleanup II (SLIC II)

Gregg Industries, Inc., El Monte

Carlos Ortez

Mr. Joe Blackburn complained to Regional board staff on August 2008 about the environmentally unsafe operations of Gregg Industries, Inc. regarding storm drain discharge of sand-like dust and soot. The complaint included alleged groundwater violations. Mr. Blackburn is a member of a community group.

The Gregg Industries' facilities are located at 10460 and 10675 Hickson Street in El Monte. The facility at

10460 Hickson Street is a foundry which has been in operation since 1948. The facility at 10675 Hickson Street is a machine shop for the parts manufactured at the foundry. The Regional Board issued a *No Further Action* (NFA) letter on February 1, 1995. Prior to issuing the NFA letter, Regional Board staff had identified seven areas of concern (underground storage tank area, former drum storage area, paint dip tank area, Safety-Kleen station, hazardous material storage area, new empty drum storage area, and industrial waste clarifier. No groundwater monitoring wells were ever installed at this facility.

On June 1988, composite soil samples (from 5 to 40 feet below ground surface [bgs]) were collected adjacent to a 10,000-gallon diesel underground storage tank and analyzed using USEPA Test Methods 8015 for fuel hydrocarbons (gasoline, diesel fuel, kerosene, mineral spirits). No contaminant concentrations were detected.

On May 1990, soil samples were collected from two soil borings (BH-1 and BH-2) and analyzed using USEPA Test Methods 8010, 8020, and 418.1 for fuel hydrocarbons (gasoline, diesel fuel, kerosene, mineral spirits, and benzene, toluene, ethylbenzene and xylenes). Soil boring BH-1 was placed in the drum storage area and BH-2 was placed in the paint dip tank. The total depth of each soil boring was 5 feet bgs. The highest contaminant concentrations detected were 0.8 micrograms per kilograms ($\mu\text{g}/\text{kg}$) of tetrachloroethene (PCE), 3.5 $\mu\text{g}/\text{kg}$ of 1,1,1-trichloroethene (1,1,1-TCA), 8.2 $\mu\text{g}/\text{kg}$ of toluene, 1.1 $\mu\text{g}/\text{kg}$ of ethylbenzene, 5.2 $\mu\text{g}/\text{kg}$ of xylenes, 120 milligrams per kilograms (mg/kg) of total petroleum hydrocarbons (TPH). On October 20, 2008, Regional Board staff members Ms. Wendy Liu (Stormwater Unit) and Mr. Carlos Ortez (Site Cleanup Programs Unit) performed a site inspection at the site. Ms. Liu and Mr. Ortez met with Mr. Jeff Hillier (Vice President and General Manager), Ms. Araceli Jimenez (Environmental and Safety Coordinator), Mr. Adrian Trevino (Facilities Engineering Manager), and Mr. Peter Chang (Private Environmental Consultant). The two plants were inspected. Most of the violations were related to stormwater (no stormwater facility plan, multiple stormwater discharges without monitoring, etc.). Regarding soil and groundwater issues, the facility will be re-inspected in the next few weeks. Totally missing asphalt pavement was observed in the bulk sandy waste material area (outdoors), and oil stains were observed in the compressor area and repair shop at 10460 Hickson Street. Gregg Industries representatives were told that the Regional Board will require Gregg Industries to take soil samples in the areas of concern after the second inspection; groundwater monitoring wells may also be required.

Public Outreach

- On October 4th, the Regional Board staffed an information booth at the annual Pacoima Beautiful Family Day, a day-long health and environmental fair. Staff distributed educational literature to over 300 community members and participated in an awards ceremony that honored four local businesses that had voluntarily attended a workshop on BMPs for auto dismantlers. Los Angeles City Council Member Tony Cardenas and Assembly Member Fuentes were present. The Assembly Member thanked the Regional Board for its commitment to protecting water quality in his district.
- On October 11th, the Regional Board staffed an information booth at Assembly Member Fuentes Health Fair, in Arleta. Educational material were distributed to over 400 community members. During his presentation, Assembly Member Fuentes thanked the Regional Board for participating in the fair and for its work protecting water quality in the 39th District. Representatives for Los Angeles City Council Members Alarcon and Cardenas and Senator Padilla were also present.