



June 5, 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.*

### *Executive Officer Outreach*

On May 2, 2008, Executive Officer Egoscue was a speaker at Parker, Milliken, Clark, O'Hara & Samuelian's Twenty-Fourth Annual Seminar on HAZARDOUS WASTE MANAGEMENT AND THE LAW. The title of the talk was Regulations and Enforcement of California's "Liquid Gold" - Protecting Our Water Resources

On May 8, 2008, Executive Officer Egoscue was present at the ribbon cutting ceremony for the Dominguez Gap Wetlands on the Los Angeles River.

On May 14, 2008, Executive Officer Egoscue participated in the first meeting of the Port of Los Angeles' WRAP effort.

On May 15, 2008, Executive Officer Egoscue attended the press conference where Mayor Villaraigosa announced his water plan.

### *Enforcement Unit*

#### **NPDES Facility Inspections**

Jose Morales

Enforcement Unit NPDES inspectors conducted inspections at 14 facilities with NPDES Permits since **April 2008**. Inspection of these facilities is a required part of the NPDES program.

#### **NOVs and 13267 Letters**

?? A Notice of Violation was issued to City of La Verne DPW (Permittee) located at 2898 Amherst Street, La Verne, on April 21, 2008, for failing to comply with the provisions of Order No. R4-2003-0108, NPDES No. CAG994005 and CI-9073. The Permittee has until May 23, 2008, to submit the required information and report to the Regional Board.

*Our mission is to preserve*

*and enhance the quality of*

*California's water resources*

*for the benefit of present and*

*future generations.*

Phone: 213-576-6600

Fax: 213-576-6640

320 W. 4th Street, Suite 200  
Los Angeles, CA 90013

- ?? A Notice of Violation was issued to the Tract 180 Water Company, (Permittee) located at 4566 Florence Avenue, Cudahy, on April 21, 2008, for failing to comply with the provisions of Order No. R4-2003-0108, NPDES No. CAG994005 and CI-9229. The Permittee has until May 23, 2008, to submit the required information and report to the Regional Board.
  
- ?? A Notice of Violation was issued to Venice Beach Partners, Inc., (Permittee) for the Thornton Lofts, located at 619 Ocean Front Walk, in Venice, CA, on April 25, 2008, for failing to comply with the provisions of Order No. R4-2003-0111, NPDES No. CAG994004 and CI-9006. The Permittee has until May 26, 2008, to submit the required information and report to the regional board.
  
- ?? A Notice of Violation was issued to Cagney Ranch – Aliso Residential Development Project (Permittee), located at 18700 Sesnon Blvd. in Granada Hills, CA, on April 28, 2008, for failing to comply with the provisions of Order No. R4-2003-0111, NPDES No. CAG994004 and CI-9012. The Permittee has until May 30, 2008, to submit the required information and report to the Regional Board.
  
- ?? A Notice of Violation was issued to Wachovia (World Savings Center) (Permittee) located at 11601 Wilshire Boulevard in Los Angeles, on May 12, 2008, for failing to comply with the provisions of Order No. R4-2003-0111, NPDES No. CAG994004 and CI-9221. The Permittee has until June 16, 2008, to submit the required information and report to the Regional Board.
  
- ?? A Notice of Violation was issued to the Park Water Company (Permittee) for Well No. 19C located at 1743 E. 118<sup>th</sup> Street in Compton, on May 19, 2008, for failing to comply with the provisions of Order No. R4-2003-0108, NPDES No. CAG994005 and CI-9243. The Permittee has until June 23, 2008, to submit the required information and report to the Regional Board.
  
- ?? A Notice of Violation and Response was issued to D. R. Horton Los Angeles Holding Company, Inc., for the Oly Mandalay Bay Seabridge facility, located Wooley Road and Victoria Avenue, Oxnard, CA, on March 28, 2008, for failing to comply with provisions of Order No. R4-2003-0141, NPDES Permit No. CA0064505.
  
- ?? A Notice of Violation was issued to Kinder Morgan Liquid Terminals, LLC. for the Los Angeles Harbor facility, located at 1900 Wilmington Boulevard, San Pedro, CA, on April 30, 2008, for failing to comply with provisions of Order No. R4-2003-0073, NPDES Permit No. CA0055816.
  
- ?? A Revised Notice of Violation and Response was issued to the Metropolitan Water District Foothill Feeder Power Plant facility, located at 31849 North Lake Hughes Road, Castaic, CA, on May 5, 2008, for failing to comply with provisions of Order Nos. 98-066 and R4-2005-0026, NPDES Permit No. CA0059641.

**Environmental Crimes Task Forces**  
 Enforcement Staff

Staff continued to participate in the USEPA, LA County, Ventura County and the City of LA Environmental Crimes Task Force meetings.

## *Stormwater Compliance and Enforcement*

### **Stormwater Compliance and Enforcement - Notices of Non-Compliance (NNCs), Notices to Comply (NTCs), Notices of Violation (NOVs), Denials of Notice of Termination, and Non-File follow-up: April 16 to May 5, 2008**

Harumi Goya and Ejigu Solomon

Unit staff issued 1 notice of non-compliance (NNC) during this period:

<b>Date Issued</b>	<b>Permittee</b>	<b>Type</b>
5/7/08	AFC Hydraulic Seals, Inc.	Industrial

3 notices to comply (NTCs) were issued:

<b>Date Issued</b>	<b>Permittee</b>	<b>Type</b>
4/16/08	DR Horton	Construction
4/23/2008	Aero Electric Contactors, Inc	Industrial
4/24/08	Davis Wire Corporation	Industrial

5 notices of violation (NOVs) were issued:

<b>Date Issued</b>	<b>Permittee</b>	<b>Type</b>
4/17/08	Imperial Industrial Chemical, Inc. (2 <sup>nd</sup> NOV)	Industrial
4/18/08	East Los Angeles College (2 <sup>nd</sup> NOV)	Construction
4/18/08	City of Los Angeles (Response is under review)	MS4/Construction
4/24/08	Cal Poultry	Industrial
4/29/08	Los Angeles Pierce College	Construction

Since January of 2007, at least 12 non-filers have enrolled in the Storm Water General Permit (number does not include the plastics special project enrollees)

<b>Date in permit</b>	<b>WDID#</b>	<b>Permittee</b>	<b>Type</b>
1/21/2007	419I 020678	Grand Central Used Auto	Industrial
1/22/2007	419I 020629	Chinese American Poultry	Industrial
1/24/2007	419I 020647	Ameripride	Industrial
2/22/2007	419I 020684	Champion-Arrowhead	Industrial
7/20/2007	419I 021020	Ready Pak	Industrial
8/1/2007	419I 021044	Completely Fresh Foods	Industrial
10/18/2007	419I 021219	Brent Wood	Industrial
10/19/2007	419I 021223	Ecoplast	Industrial
12/4/2007	419I 021319	Cassmet, Intl., Inc	Industrial
3/5/2008	419I 021480	Material Building Specialties	Industrial
3/21/2008	419I 021497	Moldex Matric, Inc.	Industrial
3/24/2008	419I 021503	Newman & Sons	Industrial

### **Valdry's Auto Dismantling**

Ivar Ridgeway

On March 16, 2004, the Regional Board Executive Officer Issued Cleanup and Abatement Order no. R4-2004-0041 to Valdry's Auto Dismantling, directing facility operators to remove scrap/waste equipment, clean up oil spills/leaks, and develop and implement an appropriate Storm Water Pollution prevention Plan. On June 2, 2006, the Regional Board issued Complaint No. R4-2006-0023, due to facility operator's repeated failure to comply with the Clean-up and Abatement Order. The matter was heard before a Board Hearing Panel which upheld the imposition of the Complaint in the reduced sum of \$5,870, contingent upon Valdry's Auto Dismantling reaching full compliance with the Industrial General Permit and the Clean-up and Abatement Order. On April 25, 2008, Regional Board staff (Ivar Ridgeway) re-inspected the facility to confirm compliance with the Order. During the inspection, Mr. Ridgeway documented the removal of all inventory, equipment, scrap materials/waste and buildings, resulting in the rescission of the Clean-up and Abatement Order and satisfying the Board Hearing Panel directives.

## *Non Chapter 15*

### **Piru Wastewater Treatment Plant**

Orlando H. Gonzalez

Ventura County Waterworks District No. 16 (VCWWD16) owns the Piru Wastewater Treatment Plant (Plant) located at 2815 East Telegraph Road in an unincorporated area of Ventura County, California (County).

On September 6, 2007, this Regional Board adopted Time Schedule Order No. R4-2007-00 (TSO). Final effluent from the Plant is discharged to groundwater through two percolation ponds under requirements in Order No. R4-2004-0032 (Order), adopted by this Regional Board on January 29, 2004. The Order includes interim limits for some constituents and the TSO to upgrade the Plant.

On April 18, 2007, the Executive Officer granted a six-month extension until September 30, 2007, the maximum extension allowed under section D.2. of the Order, to continue discharging under interim limits and to upgrade the Plant. On September 6, 2007, the Regional Board amended the TSO and extended the dead line to complete construction, startup activities, and testing the new plant to February 28, 2009.

The new Plant initially planned to use micro-membrane technology which was estimated to cost approximately \$9.4 million dollars. However, because certain costs were not included in the calculation of the total cost associated with the micro-membrane technology, the County chose to use a cheaper treatment technology in order to be within the allocated \$9.4 million dollar budget for the new Plant. A new Report of Waste Discharge will be provided by the County for the new wastewater treatment plant application. The County has indicated that they will comply with the February 28, 2009 dead line for completion of the new Plant. New WDRs for the new wastewater treatment plant will be presented to this Regional Board for adoption before the February 28, 2009 date.

### **Paradise Cove, Malibu**

Elizabeth Erickson

Four spills occurred in March and April; the overflow of seepage pit cluster #18, the overflow of the equalization tank, and two discharges from the collection system at resident cleanouts. The last two spills onto the ground were less than ten gallons, but did not come from the treatment system. Oversight of this portion of the collection system is under the jurisdiction of the California Department of Housing and Community Development (HCD).

A record of odors was provided by a resident at site #118 which documented 155 events since February 2007. Two additional odor complaints were received from the resident at site #252 on May 6th and 7th, 2008.

Staff's last inspection with HCD followed a technical meeting on April 22, 2008. Progress on the upgrade of the system was documented and odors were detected within the treatment plant in the vicinity of site #118.

The next meeting is scheduled for June 4, 2008, at Paradise Cove, at which time the Discharger should have upgraded the system to remove pathogens, installed additional carbon filters for odor control, and completed testing of the solenoid valve responsible for the March failure of a seepage pit cluster. Documentation and resolution of the equalization tank overflow is pending.

### **Duke's Malibu**

Elizabeth Erickson

In response to two NOV's, Duke's Malibu (Discharger) is beginning or has completed construction per an agreement with the City of Malibu on specific remedies, including liquid chlorination, mechanical odor control, and water conservation. Protection of the beach from discharges through the ocean breakwater had been planned using a cut-off wall. Alternately, the Discharger is developing a plan to use continuous monitoring at an index well to identify high groundwater and triggering restaurant operational changes.

### **Malibu Lumber**

Elizabeth Erickson

Staff received sufficient technical information on May 7, 2008, to finalize Malibu Lumber's (Discharger) Report of Waste Discharge. The modifications to the engineering design include compliance with Title 22 disinfected tertiary treated recycled water discharge requirements, treatment plant and restaurant operational changes when an index well shows groundwater separation is insufficient, and conservation and additional disposal options approved by the Department of Public Health (DPH). Additional denitrification through a mounded leach field may also be necessary. The agreement was reached due to unresolved technical concerns about the simultaneous operation of the facility, Legacy Park storm water disposal, the City of Malibu's waste treatment plant, and the failure of existing septic systems and discharge of solvents, toxic organics, pharmaceuticals, endocrine disrupters and detergents due to an elevated water table in the Civic Center.

### **Malibu Windsail and Pierview**

Elizabeth Erickson

Staff requested additional technical information from the Malibu Windsail and Pierview (Discharger) on April 29, 2008, to finalize their Report of Waste Discharge for these two sites between Pacific Coast Highway and the ocean in Malibu. The necessary modifications to the engineering design may include compliance with Title 22 disinfected tertiary treated recycled water discharge requirements, treatment plant and restaurant operational changes when an index well shows discharge through the breakwater is possible, and conservation and additional disposal options approved by the Department of Public Health (DPH). The modifications were sought due to unresolved technical concerns about the operation of new facilities with limited groundwater separation and a leach field adjacent to the beach. Artificial mounding and subsurface excavation for the leach field may be necessary to prevent the failure of adjacent traditional septic systems and discharge of solvents, toxic organics, pharmaceuticals, endocrine disrupters and detergents into the ocean.

## **Status of Construction and demolition debris and inert debris (CDI) disposal cases**

Enrique Casas

In 2004 the California Integrated Management Board revised title 14 (California Code of Regulations) permitting requirements, tier requirements, and minimum operating standards for facilities that receive, store, handle, transfer, or process construction and demolition debris and inert debris (CDI). A requirement for all permit tiers is that a Regional Board issue WDRs or exemptions from WDRs for these activities. Historically, inert debris disposal, often in area streams or rivers, has commonly occurred without any or minimal permitting, especially in Ventura County, where inert debris has been used as backfill for the improvement of agricultural lands.

Regional Board staff is/has pursued 38 CDI disposal cases pursuant to title 14 permitting requirements. A directive was issued to 29 dischargers to submit a report of waste discharge for their projects. Of these cases Board staff is working with staff of the County of Ventura Environment Health Division to potentially close 14 cases as exempt from title 14 permitting requirements. Six dischargers did not comply with our directive to submit an ROWD and enforcement actions are pending. One discharger withdrew his application for a proposed CDI disposal project. ROWDs are pending from three dischargers. Board staff has responded to, or is processing, five ROWD submittals.

Of the cases for which ROWDs have not been required, U.S.E.P.A is pursuing enforcement of violations of section 401 of the Clean Water Act for two cases, Board staff has issued conditional WDR exemptions for inert debris disposal to five dischargers, and Board staff is investigating permitting requirements for two cases.

## **BKK Class III Landfill Final Closure Approved**

Wen Yang

In a letter to BKK Corporation (BKK), dated April 21, 2008, the Regional Board Executive Officer conditionally approved a Certification of Closure that BKK had submitted to regulatory agencies for the BKK Class III Landfill (Landfill) in West Covina, California. Earlier, the California Integrated Waste Management Board (CIWMB) and the City of West Covina Local Enforcement Agency (LEA) conditionally approved the Certification of Closure on March 28, 2008, and April 11, 2008, respectively. In accordance with California Code of Regulations, title 27 (27 CCR), with the approvals from the CIWMB, the LEA, and the Regional Board, the Landfill is now formally closed and in postclosure maintenance as of April 21, 2008.

The Landfill is a 170-acre municipal solid waste landfill that is part of the BKK Landfill Facility, which also includes a 190-acre hazardous (Class I) landfill that was closed in 1989. The Class III Landfill was operated from 1987 to 1996. Final closure activities started at the site shortly after. Regional Board staff approved Final Closure and Postclosure Maintenance Plans on September 18, 1997, and Revised Final Closure and Postclosure Plans (Revised Final Plans) on February 15, 2005, for the Landfill. The Revised Final Plans address funding short-fall issues for a scaled-back project primarily by reducing landscaping and irrigation costs, while ensuring that site closure is completed in accordance with the minimum standards of 27 CCR. However, due to budget shortages, BKK was unable to complete certain tasks required in the Revised Final Plans with its closure funding and proposed to complete such tasks within six months of postclosure using postclosure funds.

Regional Board staff worked closely with CIWMB and LEA staff regarding the matter and concluded that conditional approval of the Certification of Closure would allow urgent needs for postclosure maintenance to be implemented and therefore to the best interests of people of California and the environment. A public meeting was conducted in West Covina on December 6, 2007, to allow the public to meet with representatives from the LEA, CIWMB, and the Regional Board and ask questions concerning the Certification of

Closure. The conditional approval from the Executive Officer requires BKK to complete all works described in the Revised Final Plans and submit an amended Certification of Closure within six months. Failure to comply with these conditions may result in enforcement action against BKK pursuant to 27 CCR and the California Water Code (CWC).

The Revised Final Plans propose a “non-irrigated open space” postclosure land use for the Landfill. However, the City of West Covina intends to construct a golf course at and near the landfill that will include the top deck (approximately 47 acres) of the Class III Landfill. A detailed design plan will be reviewed and approved by Regional Board staff before any golf course is constructed at the closed landfill.

### *Watershed Management*

#### **May 5, 2008 Treatment Wetlands Feasibility Study Kickoff Workshop-San Buenaventura Wastewater Treatment Plant**

T. Don Tsai

On May 5, 2008, Regional Board staff members attended the Treatment Wetlands Feasibility Study Kickoff Workshop hosted by the City of San Buenaventura at the Ventura Water Reclamation Facility. Also attending the meeting were representatives from the City of San Buenaventura, Resource Agencies, Environmental Groups, and interested parties. The goals of the Workshop were to receive stakeholder ideas for the location and design objectives for the workplan for the constructed wetlands, as required by the newly-adopted NPDES permit for the Wastewater Treatment Plant. During this workshop, more than twenty factors, such as location, wildlife habitat, and recreation, associated with the Treatment Wetlands Feasibility Study, were suggested and discussed. Attendees also identified the next steps for discussing the Workplan for a Subwatershed Study, also a requirement of the NPDES permit. The workshop for the Subwatershed Study will be held at the Ventura Water Reclamation Facility on May 22, 2008.

#### **Stakeholders Outreach – Meeting with Potable Water Suppliers and Government Agencies on the Tentative General NPDES for Discharges from Potable Water Systems**

Augustine Anijelo

Board Staff, David Hung, Augustine Anijelo, James Tang, Carlos Urrunaga and Namiraj Jain attended a stakeholders meeting at Metropolitan Water District Office on April 16, 2008. The meeting was attended by over ninety people from the State Agencies, the Cities, Water Agencies, and analytical Laboratories. The Water Agencies called the meeting in response to the draft Potable Water Systems general NPDES permit that was sent out for circulation on March 5, 2008. The Water Agencies wanted to acquaint the Board and other State Agencies on their operations and how they implement BMPs for their potable water related discharges. In addition, the Water Agencies wanted a feedback from the Regional Board staff on the comments that many of them provided on the tentative permit. The City of Ventura, Foothill Municipal Water District, Los Angeles Department of Water and Power (LADWP), US Navy and Metropolitan Water District of Southern California briefed the meeting on how their Potable Water Systems Work. Then, the City of Glendale Water and Power, LADWP and Golden State Water Company made presentations on Pollution Prevention Plans for Water Systems Discharges & Company Procedures.

Board staff Carlos Urrunaga briefed the meeting on the MS4 & storm water perspective on potable water discharges. Augustine Anijelo talked about the intents for the draft Potable Water Systems Permit. He also provided an overview of staff's tentative responses to the Water Agencies comments on the tentative permit. Significant discussions and dialog followed after the presentations. The California Department of Public Health and the Los Angeles County Flood Control Agency provided general comments. The Agencies including CDPH would like the Board to conduct a workshop before staff takes the tentative permit to the Board for consideration and adoption.

### **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](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 Integrated 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/> while the Ventura County IRWMP is available at <http://www.watershedscoalition.org/> . The Los Angeles County IRWMP does not include the upper Santa Clara River. Stakeholders in that area are currently developing a separate IRWMP. More information may be found at <http://www.ladpw.org/wmd/scr/> .

### *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 **April 11, 2008** through **May 2, 2008**, and determined that no further corrective actions are required for the following sites:

- ?? Los Angeles County Maintenance Yard, La Crescenta (912140116)
- ?? Shell Service Station, Cerritos (R-26244)
- ?? Winall Oil Station #18, Culver City (902320043)
- ?? Vapex, South Gate (I-14919A)
- ?? Former Carson Venture Property, Carson (R-36418)
- ?? Former Mobil Station #18-MFK, Downey (I-09349A)
- ?? Viking Freight Systems, Garnena (R-00080)

For the case closure sites above, a total of **1,158** tons of impacted soils were excavated, **14,362** pounds of hydrocarbons were removed by the soil vapor extraction system. In addition, a total of **16,350** gallons of groundwater were treated.

### **Executive Officer issued general Waste Discharge Requirements (WDRs)**

Yue Rong

The Executive Officer, on behalf of the board, issued one general Waste Discharge Requirements (WDRs) to 76 Service Station#1112, located in Long Beach (5/5/08). The WDRs issued for injection of 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.



## **Staff Participation in Local Chinese Environmental Symposium**

Weixing Tong & Yue Rong

From April 25 to 28, 2008, fifteen Los Angeles Regional Board staff participated in “Symposium on Global Emerging Environmental Challenges and Government Response”, which was held in Pacific Palms Conference Resort, City of Industry. The symposium was hosted by the Southern California Chinese American Environmental Protection Association (SCCAEPA). The purpose of the symposium is to share the knowledge and experience in the environmental fields among the global Chinese community. Seven Los Angeles Regional Board staff were invited to give presentations in the symposium. They are Dr. Guangyu Wang, Dr. Eric Wu, Dr. Don Tsai, Dr. Jau-Ren Chen, Dr. Wen Yang, Mr. Gensen Kai, Dr. Weixing Tong. The attendees of the symposium were from government agencies (USEPA Region 9, California Regional Water Quality Control Boards (Los Angeles, San Diego, and Santa Ana), California Air Resources Board, Department of Toxic Substances Control (DTSC), Air Quality Management District (AQMD) of South Coast, City of Los Angeles, etc.), professors from local universities, professionals from environmental consultant firms, as well as delegations from China and Taiwan. In the opening ceremony, Ms. Kathleen Johnson, Director of Public Affairs of US EPA Region 9, Ms. Tam Doduc, Chair of California State Water Resource Control Board, Mr. Maziar Movassaghi, Deputy Director of DTSC, and Mr. David Nahai, General Manager of City of Los Angeles Department of Water and Power, were among the invited keynote speakers. Dr. Barry Wallerstein, Executive Officer of AQMD, was featured as lunch speaker in the first day. The symposium sessions included Regulatory Compliance of Environmental Protection in the US, Solid Waste Management and Environmental Technologies, Water Resources Protection and Soil and Groundwater Cleanup, NPDES Permitting, Toxic Substance Control, Air Quality Management. The symposium was well received by all the attendees.

### *Well Investigation Program*

## **Status Report on the San Fernando Valley Chromium VI Investigation**

Dixon Oriola

The Regional Board’s Well Investigation Program (WIP) has identified an additional suspect chromium sites in San Fernando Valley. Working in conjunction with the United States Environmental Protection Agency (USEPA) discussions have started between the agencies on resource sharing to address these new sites under the *Phase II of the Chromium VI Investigation in San Fernando Valley*. This phase of the investigation, involves directing facilities to perform a shallow soil assessment to determine whether heavy metal concentrations in soil are at background levels or indicate impact from past or current operations. Sites that have a track to groundwater or pose a serious threat to the quality of the underlying groundwater have been issued Cleanup and Abatement Orders. Impacted sites are being ordered to cleanup the soil and/or groundwater and those with no impact have been closed.

More agency meetings are scheduled to address the threats posed to drinking water treatment plants in North Hollywood, Burbank and Glendale.

## **Status Report on Honeywell Activities in the North Hollywood Operable Unit (NHOU)**

Larry Moore

Total chromium concentrations continue to exceed the State’s maximum contaminant level (MCL) of 50 micrograms per liter ( $\mu\text{g}/\text{L}$ ) at the Los Angeles Department of Water and Power (LADWP) well designated NHE-2. The January 2008 total chromium concentration was reported at 255  $\mu\text{g}/\text{L}$ . The January 2008 hexavalent chromium result was reported at 284  $\mu\text{g}/\text{L}$ . These laboratory analytical results were provided by the LADWP.

On March 26, 2008, Regional Board staff met with the discharger's environmental consultant at the Los Angeles City Fire Department (LACFD) offices located at 201 N. Figueroa St., Suite 300, Los Angeles, CA. The meeting was held to discuss whether a permit was required by the LACFD for the proposed underground storage tanks (USTs) at the discharger's site located in the NHOU. The USTs would be used by the discharger for treating chromium/hexavalent chromium in the subsurface soil under the recently issued General Waste Discharge Requirements (WDR) permit by the Regional Board. Regional Board staff was able to convince the LACFD that a permit would not be necessary, thus saving several months of delay from implementing the WDR due to the time needed awaiting permit approval from the LACFD.

The letter approving the revised NHE-2 Wellhead Treatment Workplan, which presents the discharger's proposed short term remedy, was issued on April 18, 2008. The revised short term remedy calls for pumping extracted groundwater from NHE-2 and piping the impacted groundwater through a granulated activated charcoal (GAC) unit and then temporarily storing the groundwater. The groundwater will then be discharged at a rate of 135-gallons per minute to a drain which discharges to the sanitary sewer system owned and operated by the City of Los Angeles, Bureau of Sanitation (LABOS). The discharge will be permitted under an Industrial Permit issued by the LABOS for a three-year period, once the groundwater discharge begins. Implementation of the short term remedy has been delayed for several operational reasons, but is now anticipated to be implemented by June 30, 2008.

In the interim, Honeywell will begin work on testing, finalizing and implementing the long-term remedy for the treatment of the extracted groundwater from NHE-2. Presently, the proposed long-term remedy includes the use of ion-exchange (IE), GAC, and Advanced Oxidation Process (AOP) for the treatment of chromium, hexavalent chromium, volatile organic compounds (VOCs), 1,4-dioxane, and total petroleum hydrocarbons (TPH).

#### **Status Report on Inter-Agency Activities in the NHOU - San Fernando Valley Water Basin**

Larry Moore

Regional Board staff attended an inter-agency meeting on April 18, 2008, which included representatives from the United States Environmental Protection Agency – Region IX (USEPA), Los Angeles Department of Water and Power (LADWP), and the Department of Toxic Substances Control (DTSC). Meeting was held to discuss and review groundwater contamination issues that the LADWP is encountering within the NHOU, as well as in areas surrounding a number of the LADWP pumping fields that include Rinaldi-Toluca, North Hollywood - West and East Branches. Another area of serious concern is the Tujunga Well Field that lies to the northwest. The LADWP was asked to provide well construction diagrams and screening intervals for the affected wells located in these pumping areas as well as water quality information. The Regional Board and USEPA will review the diagrams and screening intervals as well as the analytical data to determine whether contamination at one or more wells located in these pumping fields is increasing that may indicate that the contamination is spreading.

Additionally, the meeting was used to discuss potential sources of the contamination. Presently, the USEPA is reviewing options and has discussed some of these options with the Regional Board which includes the identification of new dischargers, reopening closed sites, etc.

#### **Status Report on PRC-DeSoto (Courtaulds Aerospace) Activities in the Glendale Operable Unit**

Larry Moore

The former PRC-DeSoto facility (Site) is under a Cleanup and Abatement Order (CAO) designated R4-2002-0085. (Discharger) plans to vacate the site by the end of 2008 because the property has been purchased for redevelopment by the Target Corporation, however the site's environmental liability will remain with the discharger. The discharger submitted a soil gas investigation workplan for the former PRC-DeSoto facility

(Site) during the August 2007 to address the requirements of the Regional Board's site assessment program. Moreover, the August 2007 meeting was held to discuss the site's project status. The workplan was approved in October 2008 at which time the investigation was initiated. This investigation has since been completed and the final report submitted in January 2008. A review of the results indicates additional assessment may be required.

The discharger submitted a Remedial Action Plan (RAP) and an application for a General Waste Discharger Requirements (WDR) permit. Presently, the RAP is being reviewed and work has begun on processing the WDR permit. On January 15, 2008 a meeting was held with the discharger and Target to discuss the RAP and the future decommissioning, demolition and remediation steps to be taken at the site including site risk. A workplan for the first phase of the decommissioning, demolition, and remediation was submitted in February 2008 and was reviewed. Work on the first phase began in March 2008.

### **Status Report on Excello Activities in the Glendale Operable Unit**

Larry Moore

On March 27, 2008 Regional Board staff observed the installation of three additional groundwater monitoring wells; two of the wells are located hydraulically downgradient and offsite of the contamination at the discharger's site with the remaining well being located onsite, but upgradient of the contamination. During the week of April 14, 2008, the wells were developed and sampling is scheduled for May 7 and 8, 2008. Regional Board staff continues to work with the discharger and their environmental consultant on discussing treatment options that were presented in the discharger's existing Remedial Action Plan (RAP).

### **Perchlorate Public Advisory Group Meeting**

Dixon Oriola

Regional Board staff continue to participate in the monthly *Perchlorate Public Advisory Group* meetings with other state-wide Regional Boards, the State Water Resources Control Board (SWRCB), USEPA, the Departments of Public Health (DPH), Toxic Substances Control (DTSC), Office of Environmental Health hazard Assessment (OEHHA) and representatives of the California Environmental Protection Agency (CALEPA). We discuss regulatory developments on perchlorate and exchange information on health effects, cleanup, new laboratory analytical methods, groundwater remediation case studies and legislative actions nation-wide on specific emergent chemicals, including perchlorate.

### **San Gabriel Valley Superfund (Area 3), Alhambra, South Pasadena, and Temple City**

Curt Charmley

Over 550 properties within a San Gabriel Valley Superfund Area known as Area 3 are part of a USEPA investigation to determine the sources of groundwater contamination affecting area drinking water wells owned by the City of Alhambra. San Gabriel Valley was placed on the National Priority List (NPL) by USEPA in 1986. The primary groundwater volatile organic compound (VOC) contaminants are trichloroethylene (TCE) and perchloroethylene (PCE). The level of contamination in these municipal wells now exceeds 10 times the Federal and State maximum contaminant level (MCL) for each of these compounds in groundwater.

The Regional Board, working under a Cooperative Agreement with USEPA, is identifying sources of contaminants in Area 3 in an effort to eventually name potentially responsible parties under the Federal *Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)*. This joint investigation will determine the nature and extent of contamination in Area 3 and the potential for harm to the public health or welfare and the environment caused by the groundwater contamination, at or from the Area 3 site.

**East Side Group of El Monte Operable Unit (EMOU), El Monte**  
Carlos Ortez

The *East Side Performing Settling Defendants (ESPSD) Group* of El Monte Operable Unit (EMOU) issued a letter on February 22, 2008 requesting the Regional Board to obtain additional chemical usage and storage information for active facilities in the east side of EMOU. Regional Board staff issued a mandatory chemical use and storage questionnaires on April 30, 2008 to eight facilities requiring compliance by May 29, 2008

*Site Cleanup Program Unit II*

**United Production Services (former Occidental Petroleum), La Verne**  
Bizuayehu Ayele

Regional Board staff inspected the former research facility and met with representatives of Occidental Petroleum and the current property owner, the University of La Verne. Volatile organic compounds (VOCs) in the groundwater and soil vapor are impacting the University's ability to redevelop this Brownfield site into an Athletic Complex and buildings for a Graduate Program. Occidental maintains that the contamination is a result of usage after they divested and upgradient contribution.

On April 24, 2008, a meeting with representatives of Occidental Petroleum on the former Occidental Research Corporation (ORC) site in the City of La Verne. The site is known to be contaminated with primarily with the VOC perchloroethylene (PCE). A PCE groundwater plume extends from the northern portion of the site to the southwest corner of the site towards downgradient wells. Staff informed Occidental at this meeting to provide construction drawings for former seepage pits, sewer lines, sumps, etc that were at the site during Occidental's past operations. Occidental was also directed to provide a stiff diagram for inorganic ion concentration analysis to determine the source of the groundwater beneath the site. Additional documents related to Occidental's past operations were also requested.

**Former Sunshine Cleaners, Culver City**  
Bizuayehu Ayele

On April 29, 2008, Regional Board staff met with owners of the property at which the former Sunshine Cleaners was located. Site investigations conducted to date indicated that the soil and groundwater is contaminated with PCE at concentrations as high as 27,000 milligrams per kilogram (mg/kg) and 110,000 micrograms per liter ( $\mu\text{g/L}$ ), respectively. The State's maximum contaminant level (MCL) is 5  $\mu\text{g/L}$ .

**ConocoPhillips Terminal No.0381, Los Angeles**  
Pinaki Guha-Niyogi

Regional Board staff sent a letter to ConocoPhillips (COP) on April 22, 2008, approving their request for additional time to submit a required technical report in response to our March 7, 2008, Section 13267/13304 enforcement letter (Order). The access issues with two offsite property owners have not yet been resolved, delaying the next phase of investigations. Staff has been in regular contact with the Property Tax, Real Estate, Right of Way & Claims (PTRRC) Division of COP as well as one offsite property owner and another offsite occupant, to find out the status of the access agreement.

We have received the indoor air survey results from COP for one offsite building (207 West 138<sup>th</sup> Street) where indoor air samples were collected over three consecutive weekends, between March 22 and April 5, 2008. However, we have not received the formal indoor air survey report from COP's consultant, SECOR International, Inc., interpreting the findings of the indoor air survey.

### **Sta-Lube, Inc. Rancho Dominguez**

Pinaki Guha-Niyogi

Staff recently processed closure documents for this site. Staff also co-authored an article related to this site that was published in the April issue of USEPA's *Technology News and Trends Newsletter*. The title of the article was *Sodium Persulfate and Hydrogen Peroxide Injections Achieve Ground-Water Cleanup*. This technology has proven to be successful in reducing very high concentrations of methylene chloride in groundwater to very low levels at this facility. This site was formerly utilized for blending and packaging hand cleaners, greases, and petroleum-based lubricants, between 1968 and 1998.

### **Former Ajax Hardware Site, City of Industry**

Don Indermill

A meeting with the current owners of this Brownfield site and their consultants was held on April 10, 2008, followed by a facility inspection. The previously identified responsible party, Saltire Inc., filed for bankruptcy and was not available to enroll in the State Water Resources Control Board's Cost Recovery Program. The current owners have approached the Regional Board and agreed to join the cost recovery program in order to facilitate site construction and minimize their environmental liability. Former Ajax processes included electroplating, metal forming and polishing, and paint spraying. PCE, TCE and heavy metals were used at the site and are present in the underlying soil and groundwater. The site assessment work will proceed after cost recovery enrolled is completed and a workplan approved.

### **Former McMillen Oil Field Site, Los Angeles**

Carlos Ortez

The successful Brownfield redevelopment project is located at 15200 Main Street in Los Angeles. The site was redeveloped into a Federal Express trucking and docking facility. A conditional no further requirements (soil closure) letter was issued on April 25, 2008 pending execution of a *Deed Covenant and Environmental Restriction* on the property (the former valve box area) no later than July 7, 2008.

### **Former Western Gear Site, City of Industry**

Carlos Ortez

This former Brownfield site is located at 14724 East Proctor Avenue in City of Industry. The site was used for manufacturing electronic equipment at one point and also gears and housings for the aerospace industry. A conditional no further requirements (soil closure) letter is being issued pending on the execution of a *Deed Covenant and Environmental Restriction* on the property. The site has received closure letters for various areas within the property. This is the final closure process of the site.

### **The Former Western Chemical (now All Tex, Inc.), La Mirada**

Greg Bishop

The former Western Chemical site lies between the I-5 Freeway and the Southern Pacific Railroad near the Los Angeles County/Orange County border. A release of various hazardous volatile organic compounds (VOCs) occurred at the site at least as far back as 1973, resulting in impact to shallow groundwater and soil.

Regional Board staffs have held several meetings with the responsible party's team to evaluate off-site assessment progress made recently and to perform site inspections. As a result, staff is requiring submittal of an interim site assessment report by June 1, 2008, which will provide a foundation for determining additional off-site assessment and cleanup requirements.

Access to neighboring properties for assessment purposes has had mixed cooperation. Regional Board staff

continue to work with the responsible party to gain access to additional properties where sampling is considered necessary to complete delineation.

Co-incidentally, CALTRANS is widening the I-5 Freeway and is coordinating their activities with the staff where shallow groundwater contamination exists.

### *Site Cleanup IV Unit*

#### **Former Marina One-hour Dry Cleaners, Marina Del Rey**

Ann Lin

Former Marina One-hour Dry Cleaners, the former tenant at 4019 Lincoln Boulevard, Marina Del Rey, is operating a soil vapor extraction (SVE) system to remediate volatile organic compounds (VOCs) in shallow soil since June 2005. Recently, the on-site PCE plume in the area of the dry cleaners has shown a decreasing trend. Hence, the discharger has been requested to reduce the SVE operation and groundwater monitoring frequency. Staff has requested detailed and up-to-date SVE operation data and further evaluated SVE performance. Based on the evaluation, staff requested the discharger to improve SVE operation by increasing operation hours to enhance mass removal at the site. Staff is anticipated that this optimization of the SVE system will maximize the VOC removal from soil and groundwater.

#### **Valero Refinery, Wilmington**

Ann Lin

The Valero refinery is located within the boundaries of the former Wilmington Oil field. Approximately 30 oil production wells were located within the present day Valero site boundaries. Regional Board oversight of extensive investigation and cleanup activities at this site is initiated with Cleanup and Abatement Order 85-25 in 1985. Since 1985, the discharger has been conducted more than 20 separate soil and groundwater assessment at the refinery; a total of 33 monitoring wells were constructed to evaluate groundwater quality and hydrogeologic conditions at the site. The discharger is currently conducting a groundwater monitoring program and product recovery operation. On May 8, 2008, staff met with the discharger, and agreed that the discharger will submit a technical report for flow and gradient of the Gaspar aquifer, re-compilation of trend analysis, soil gas survey data and Cone Penetration Test with Rapid Optical Screen Tool results by June 16, 2008. The discharger also indicated that they will submit a technical report for a vertical profile of groundwater and update of spill elimination program (SEP) update by July 14, 2008. Staff also requested further product fingerprint investigation. These efforts will help to evaluate Non-Aqueous Phase Liquid (NAPL) characteristics, better clean-up approaches and natural crude oil issue at the site.

#### **The Aerospace Corporation, El Segundo**

Jeffrey Hu

The Aerospace Corporation site comprises approximately 31 acres and is located on the southwest corner of the intersection of El Segundo Boulevard and Aviation Boulevard in the city of El Segundo. Staff continued to require the Aerospace Corporation to conduct additional subsurface investigation because recent environmental investigation activities in the vicinity of the site have revealed the presence of elevated concentrations of volatile organic compounds (VOCs), mainly trichloroethene (TCE), in the subsurface soil and groundwater and potential off-site migration. In response to a meeting with staff, the Aerospace Corporation submitted a workplan for additional subsurface investigation to expand the investigation efforts to off-site, aiming at identifying the sources of the VOCs and completely delineating the VOCs impact at the site. Staff will review the investigation results to evaluate the extent of the offsite plume migration and determine an interim remedial action.

### **The 1800-1820 Whittier Boulevard Block, Montebello**

Jeffery Hu

The city of Montebello recently initiated a redevelopment project at 1800 – 1820 West Whittier Boulevard, Montebello. The 1800-1820 Whittier Boulevard Block in City of Montebello, approximately 1.4 acres, is composed of two dischargers - a former gas station, owned by the Beck Trust, a former auto service station, owned by LA Tourette. The former gas station and the former auto service station are potentially impacted by contaminants associated with previous business operations. The city of Montebello is working with a developer and the owners of the properties in the 1800-1820 Whittier Boulevard Block to redevelop the block into a commercial/marketing area. The former gas station was previously overseen by the Under-ground Storage Tank (UST) program staff, and later transferred to Site Cleanup program per the City of Montebello's request, to be overseen jointly with the former auto service station. A Stakeholder Meeting was held in the Regional Board office on May 6, 2008, to discuss scope of work and priorities. Staff is currently coordinating efforts to help the Beck Trust to obtain UST fund, and developing directives for subsurface investigation and other environmental concerns.

### **Norwalk Defense Fuel Supply Point, Norwalk**

Jeffery Hu

Defense Fuel Support Point (DFSP) Norwalk facility, owned by Defense Energy Support Center (DESC), is a 50-acre facility consisting of 12 aboveground storage tanks that previously stored and distributed jet propellant (JP)-1 and JP-8. Kinder Morgan Energy Partners, L.P. (KMEP) leases a 2-acre easement along the southern and eastern boundaries of DFSP for operation of its pipelines that convey gasoline, diesel, and jet fuel. Under the oversight of this Regional Board, DESC primarily conducts cleanup operations in the central area of the Tank Farm, eastern boundary area, as well as in the former Truck Fill Standard area. DESC's soil vapor extraction system removed and destroyed nearly 50,000 gallons of hydrocarbons from October 2006 to October 2007. DESC's total fluid's extraction system has recovered over 55,500 gallons of free product from July 1996 through September 2000. Recoverable free product was no longer present so the use of down-well absorbent socks was implemented to remove the remaining residual product. KMEP conducts cleanup operations in the south-central and southeastern areas of the Tank Farm. Recent activities include seven new well installations to KMEP's soil vapor and groundwater system to enhance cleanup rates.

Following recent joint soil and groundwater investigations at Holifield Park, a community park abutting DFSP's eastern boundary, staff directed DESC and KMEP to continue their efforts in the assessment and delineation of the vertical and lateral impact of fuel release and expansion of the current remediation system to address the offsite contamination. DESC and KMEP are implementing the field activities in the Revised Holifield Park Supplemental Investigation and Groundwater Remediation Work Plan, dated April 22, 2008. Staff continues working closely with the local community and City of Norwalk to address their concerns during future site investigation and cleanup efforts.

### **Country Hills Dry Cleaners, Torrance**

Henry Jones

Country Hills Dry Cleaners is located in the Country Hills Shopping Center in the city of Torrance. In July 2003, the Regional Board issued a "No Further Requirements for Soils Only" letter for the Country Hills Shopping Center with the exception for Country Hills Dry Cleaners. The dry cleaner site has impacted with VOCs. After a 9-month soil vapor extraction at the dry cleaner site, the Dry Cleaners performed a soil confirmation sampling and soil vapor rebound testing in March, 2008. Since the soil confirmation and soil vapor rebound test results exceeded the remediation goals, staff has suggested further cleanup. The discharger has agreed to install additional soil borings to find hot spots and install additional soil vapor extraction wells to expedite remediation efforts.

### **Paragon Cleaners, Hollywood**

Henry Jones

Paragon Cleaners is located on the northeast corner of Fountain Avenue and Vine Street in Hollywood, and is currently being investigated for elevated PCE concentrations in soil. In July 2006, an investigation of a former dry cleaner located diagonally across the street found elevated levels of PCE near Paragon Cleaners, prompting the current investigation.

The Regional Board received a Paragon's work plan for soil borings and installation of three onsite groundwater wells on July 23, 2007 and issued a conditional approval letter on August 1, 2007. The approval letter required Paragon to submit the results of the investigation by October 1, 2007. However, staff has not received the results. Also, staff found that the work plan was not implemented. Hence, on March 27, 2008, the Regional Board issued a 13267 Order to Paragon Cleaners requiring a technical report by May 15, 2008.

### **ExxonMobil Refinery, Torrance**

Mohammad Zaidi

ExxonMobil is a 750-acre petroleum refining and bulk storage facility located in the City of Torrance. As a result of uncontrolled releases of petroleum fuel contaminants to the environment that have contaminated soil and groundwater, ExxonMobil is subject to Cleanup and Abatement Order Nos. 88-43, 89-136, and 95-116 for investigation and cleanup of the contamination. And to facilitate cleanup of a small area in the southeastern portion of the refinery that has high levels of hexavalent chromium, ExxonMobil is further subject to Waste Discharge Requirements specified in Order No. R4-2007-49. In response to a recent detection of high levels of methane and benzene in shallow soil vapors in a residential and commercial area along and south of Del Amo Boulevard (located outside and southeast of the refinery boundary), ExxonMobil has focused initial efforts on delineating the contamination in shallow soil and on testing for possible intrusion of contaminated vapors into buildings. In early March, one round of indoor air testing was completed on all nine residential buildings in the area of concern; staff from the Department of Toxic Substances Control (which has toxicologic expertise) has supported the Regional Board by reviewing indoor vapor intrusion work plans, overseeing field pilot tests and sampling, and reviewing the sample analytical results for assessing potential risks to human health. The preliminary results of indoor testing of 11 homes, and sub-slab testing of four commercial properties indicate that vapor concentrations are below DTSC's level of concern. At least one more round of testing is scheduled. Shallow soil gas testing is being conducted quarterly. A public meeting was held on May 1, 2008, to brief residents and commercial tenants on the results of recent indoor air and sub-slab testing. Also, on May 8, 2008, the Executive Officer issued a letter conditionally approving implementation of a work plan for continued vapor monitoring and testing, and requiring additional deeper investigations to delineate the extents of contaminated soil matrix and soil vapor, free product, and groundwater, and to identify the sources of contamination, and to clarify and update the offsite conceptual site model. A technical report of these investigations is due by July 16, 2008.

### **W. W. Henry Site, Maywood**

Mohammad Zaidi

The W.W. Henry site was an industrial site with a long history of manufacturing activities on about two acres, near the Los Angeles River, in the city of Maywood. Also, it is next to a larger, more extensively contaminated site, Pemaco, which is under US EPA oversight through its Superfund authority. Both sites, which have been vacant for several years, have been undergoing site assessments to delineate the extents of soil, soil vapor, and groundwater contamination, and are being cleaned up for redevelopment as the Maywood Riverfront Park.

Last year, W. W. Henry had a carbon spill from an activated carbon tank of the soil vapor extraction system due to high moisture problem in the vapor pipelines. W.W Henry has improved the design of the dual



phase extraction/soil vapor extraction (DPE/SVE) system and has been operating the system without any previous entrained-moisture problems. This improved treatment system will surely expedite to remove the contaminants at the site. Also, this May staff is anticipating a technical report of Membrane Interface Probe (MIP) investigations for further delineation of the onsite and offsite extent of the toluene and hexane free product plume in the Exposition Aquifer A zone.

#### **1800 Rosecrans Partners, Manhattan Beach**

Mohammad Zaidi

This 9-acre former aerospace facility was operated from 1950's to 1994 by Fairchild Controls. The buildings were demolished in 1993/1994 and the vacant lot was redeveloped in 1998/1999 as a shopping center. The soils and groundwater at the facility have been contaminated by PCE, TCE, and hexavalent chromium. Regional Board issued a CAO Number R4-2002-0082 to the current property owner 1800 Rosecrans Partners, LLC to perform site investigations and cleanup of contamination originating from the site.

According to the approved Remedial Action Plan / Remedial Design (RAP /RD) and the monitoring requirements in General WDR No. R4-2007-0019 for calcium polysulfide (CPS) solution injection, the discharger is injecting CPS/vegetable oil into subsurface through 58 injection points. On-site chemical injections are complete (33,000 gals of CPS and 6,657 gallons of vegetable oil). Injections are continuing off-site – 37,600 gallons (60%) of planned total CPS, and 4,700 gallons of planned vegetable oil (25% of total) has been injected. The discharger has also conducted several WDR sampling events during April/May and a quarterly groundwater sampling event at the end of April in compliance with our CAO. SVE system is still operating on-site, still removing 5 to 6 lbs/day of mass from around well EW-5S. The quarterly groundwater monitoring, groundwater remedial action involving subsurface chemical injection and monitoring in compliance with our WDR, and SVE operations will continue until approved cleanup goals are met.

#### **Former Price Pfister site, Pacoima**

Mohammad Zaidi

Price Pfister, and subsequently Black and Decker, manufactured plumbing fixtures on a 25- acre site in the Pacoima area. This site is located south of another site, Holchem, which is under oversight by DTSC. In preparation for redevelopment as a shopping area, staff has overseen onsite investigations and cleanup, largely through excavation and removal of heavily contaminated soils, soil vapor extraction, and air sparging.

Regional Board staff has finished review of January and February 2008 remedial action plans for hexavalent chromium and 1,4-dioxane detected during the last several quarterly groundwater monitoring events. However, Price Pfister has proposed additional groundwater monitoring to assure the groundwater quality before the proposed remediation. With the monitoring data to be submitted, staff plans to complete the review of the remedial action plans. On May 6, 2008, staff briefed representatives of Costco market planned in the western portion of the site about previous, current, and future subsurface investigations, monitoring, and remedial actions conducted, ongoing, and planned for the site.

#### **Former ARBCO Facility, Van Nuys**

Mohammad Zaidi

This 0.6-acre facility manufactured circuit boards for military and commercial use from early 1960's to 1990. The processes used at the facility were mainly plating, stripping, and etching. The materials used at the facility included acids such as chromic acid, and chlorinated solvents. The discharger has completed injection of CPS into the subsurface soils to remediate hexavalent chromium contamination. The staff is currently reviewing the technical report of the remedial action.

### **BP Carson Refinery**

Paul Cho

The BP Carson Refinery is operated by a British Petroleum affiliate on 702 acres in the city of Carson. Regional Board oversight of extensive cleanup activities at this site is through Cleanup and Abatement Orders issued in 1985 and in 1990.

BP continues to investigate onsite and offsite MTBE contamination by depth-discrete groundwater sampling. Recently BP investigated onsite Light Non-Aqueous Phase Liquid (LNAPL) and installed three onsite Gage monitoring wells. These wells are multi-depth screened to monitor the Gage aquifer properly. BP Carson Refinery is one of Carson Regional Groundwater Group (CRGG) currently working with US EPA to investigate regional and deeper groundwater contamination. With completion of the Gage network and CRGG's Lynwood-Silverado monitoring wells, BP will develop a complete site conceptual model to investigate groundwater contamination with fuel oxygenates.

### **Kinder Morgan Carson Terminal**

Paul Cho

The Kinder Morgan Carson Terminal is operated by Kinder Morgan Energy Partners, L.P. (KMEP) on 100 acres in the city of Carson. KMEP is subject to soil and groundwater investigation and cleanup requirement contained in CAO No. 90-152. Under Regional Board's oversight of extensive cleanup activities at the site, KMEP constructed three multi-depth monitoring well clusters to investigate the quality of groundwater in the Gage aquifer. KMEP is also one of CRGG working with US EPA to investigate regional and deeper groundwater contamination.

In February 2008, KMEP reported a release discovery at Tank 150053 having approximately 130,000 barrels of gasoline. KMEP also reported that approximately 5,690 gallons of total fluids were recovered and approximately 70 tons of soil was excavated during the response activities. KMEP is currently conducting a site investigation at the tank area.

### **Former Roto Property Inc. facility, Gardena**

Robert Ehe

Regional Board staff reviewed the Soil Remediation Completion Report and a Groundwater Delineation Activities reports submitted for the former Roto Property Inc. facility located at 540 E. Rosecrans Avenue in Gardena. Staff also responded with comments from staff of the Office of Environmental Health Hazard Assessment (OEHHA) staff on the submitted Human Health Risk Assessment (HHRA) report prepared for the site. The approximately 7-acre site is located in an industrial area on the southwest corner of Avalon Boulevard and Rosecrans Avenue. It was recently sold by Roto-Property to the Oakmont Industrial Group who is redeveloping it with one large building which is being constructed and to include a vapor barrier as part of the building foundation. Completed corrective action in soil is being considered with the completion on and off site groundwater delineation. With respect to the corrective action at the site, staff is scheduling a meeting with the discharger to discuss the further investigation of up-gradient sites which off site sources in the area which has commingled contaminants in groundwater.

### **Former Aerojet-General Corporation facility, Azusa**

Robert Ehe

On February 26 and April 16, 2008 meetings were held which included staff from the Regional Board, Aerojet-General Corporation, Geomatrix consultants, and the affected property owner, subsequently; the Regional Board conditionally approved the Remedial Design/Remedial Action Work Plan with an Addendum

submitted by Aerojet for the property located at 411 North Aerojet Avenue in Azusa. Aerojet-General Corporation is conducting staged site investigations to characterize residual perchlorate in soils within areas of concern based on known solid rocket propellant mixing and grinding operations at the former Aerojet facility which was located at 1100 W. Hollyvale Street in Azusa, encompassed an area up to 125 acres. The 2.2-acre property at 411 North Aerojet Avenue is an area of concern within that larger former facility. An on-site treatability study will be conducted prior to excavation and full scale treatment to help determine optimal conditions.