



December 11, 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.

Total Maximum Daily Loads (TMDLs)

Harbors Toxics TMDL and the Ports of Los Angeles and Long Beach Water Resources Action Plan (WRAP)

LB Nye

The Water Resources Action Plan (WRAP) is a coordinated effort by the Ports of Los Angeles and Long Beach to target and reduce water and sediment pollution in the waterbodies of the Ports and San Pedro Bay. The WRAP is being developed in close cooperation with the Regional Board, US EPA, and USACE, and with input from Stakeholders. A Plan Advisory Committee (PAC) of those agencies and stakeholders will be meeting regularly as the WRAP is developed.

The Los Angeles Regional Board is participating in the WRAP PAC and is concurrently developing a TMDL for the metals and toxic organic pollutants in the Dominguez Channel, waterbodies of the Ports and San Pedro Bay. It is anticipated that the two efforts will benefit each other

To kick off the Water Resources Action Plan, the Ports held a public meeting on September 17, 2008. The first Plan Advisory Committee meeting was held on October 15th and included an assessment of water quality and sediment issues within the Ports.

The next PAC meeting will be on November 19, 2008 and will address potential pollution control measures.

TMDL Update

On March 6, 2008, five trash TMDLs separately for Machado Lake, Revolon Slough and Beardsley Wash in the Calleguas Creek Watershed, Ventura River Estuary, Lake Elizabeth, Munz Lake and Lake Hughes in the Santa Clara River Watershed, and Legg Lake became effective. Based on the Basin Plan Amendments, all responsible jurisdictions are required to submit trash monitoring and reporting plans (TMRP) before September 6, 2008 to manage point and nonpoint source trash reduction within their jurisdictional areas. Up to date, "Trash Monitoring & Reporting Plan: Machado Lake Trash TMDL" prepared by most responsible jurisdictions and "Trash Monitoring and Reporting Plan" by City of Rolling Hills for Machado Lake, "Revolon Slough and Beardsley Wash Trash Monitoring and Reporting Plan" by the majority of responsible

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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jurisdictions and “Trash Management and Monitoring Plan” by City of Oxnard for Revolon Slough and Beardsley Wash, “Ventura River Estuary Trash Monitoring and Reporting Plan” by all responsible jurisdictions for Ventura River Estuary, “Trash Monitoring & Reporting Plan: Legg Lake Trash TMDL” by all responsible jurisdictions for Legg Lake, and “The County of Los Angeles Trash Total Maximum Daily Load Monitoring and Reporting Plan for Lake Elizabeth, Munz Lake, and Lake Hughes” prepared by County of Los Angeles have been received and reviewed by staff.

A series of meetings with responsible jurisdictions will be conducted based on the review and comments to individual reports. All discussion and conclusion during meetings will be included in the comment letters. The approval letters may be issued by the Executive Officer of the Los Angeles Regional Water Quality Control Board, if all requirements specified in the Basin Plan Amendments are met and conditions are agreed upon.

For more information or questions, please call Eric Wu at (213) 576-6683.

Enforcement Unit

NPDES Facility Inspections

Enforcement Unit NPDES inspectors conducted inspections at 4 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. R4-2008-0057-M was issued to AES Alamitos, LLC on August 29, 2008 in the amount of \$87,000 for alleged violations of Regional Board Order No. 00-082, NPDES Permit No. CA0001139 for Alamitos Generating Station. On September 18, 2008, AES Alamitos, LLC accepted the Regional Board’s offer to participate in the Expedited Payment Program and waived their right to a hearing.
- Settlement Offer No. R4-2008-0065-M was issued to Cemex Construction Materials, LP on September 23, 2008, in the amount of \$15,000 for alleged violations of Regional Board Order No. R4-2002-0102, NPDES Permit No. CA0059315 for Moorpark Plant (Offer). 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 was issued to Catalina Pacific Concrete Corporation in the amount of \$15,000 On September 23, 2008 for alleged violations of Regional Board Order No. R4-2002-0101, NPDES Permit No. CA0002992 for Torrance Facility. On October 23, 2008, Catalina Pacific Concrete Corporation accepted the Regional Board’s offer to participate in the Expedited Payment Program and waived their right to a hearing.
- Settlement Offer No. R4-2008-0071-M was issued to Petro-Diamond Terminal Company in the amount of \$9,000 for alleged violations of Regional Board Order No. R4-2002-0150, NPDES Permit No. CA0059358 for Marine Terminal. 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. R4-2008-0045-M was issued to Honeywell International Incorporated in the amount of \$72,000 for alleged violations of Regional Board Order No. 00-082, NPDES Permit No. CA0001139 for Alamitos Generating Station. On November 17, 2008, Honeywell International Incorporated accepted the Regional Board’s offer to participate in the Expedited Payment Program and

waived their right to a hearing.

- Settlement Offer No. R4-2008-0097-M was issued to ConocoPhillips Company on October 23, 2008 for \$174,000, for violation of waste discharge requirements contained in Regional Board Order Nos. 97-082 and R4-2004-0173. ConocoPhillips Company has until November 24, 2008 to respond.
- Settlement Offer No. R4-2008-0105-M in the amount of \$12,000 was issued to the Los Angeles Department of Water and Power on October 24, 2008 for violation of waste discharge requirements contained in Regional Board Orders No. R4-2000-0083. The Los Angeles Department of Water and Power has until November 24, 2008 to respond.
- Settlement Offer No. R4-2008-0109-M in the amount of \$21,000 was issued to the County Sanitation Districts of Los Angeles County on October 24, 2008 for violation of waste discharge requirements contained in Regional Board Order No. 95-082 and R4-2002-0142. The County Sanitation Districts of Los Angeles County has until November 24, 2008 to respond.
- Settlement Offer No. R4-2008-0110-M in the amount of \$90,000 was issued to Kinder Morgan Energy Partners, L.P. (SFPP, L.P., Norwalk Station) on November 19, 2008, for violation of waste discharge requirements contained in Board Order No. 00-088. Kinder Morgan Energy Partners, L.P has until December 22, 2008, to respond.
- Settlement Offer No. R4-2008-0111-M in the amount of \$237,000 was issued to Camarillo Sanitary District, on October 31, 2008 for violation of waste discharge requirements contained in Board Order No. R4-2003-0111. The Permittee has until December 1, 2008 to respond.
- Settlement Offer No. R4-2008-0068-M in the amount of \$252,000 was issued to Camarillo Sanitary District, on October 23, 2008 for violation of waste discharge requirements contained in Board Order Nos. R4-2003-0079, R4-2003-0080, R4-2004-0121, and R4-20007-0010. The Permittee has until November 24, 2008 to respond.

Environmental Crimes Task Forces

Enforcement 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

Notices of Non-Compliance (NNC), Denial of Notice of Termination, Notices to Comply (NTCs), Notices of Violation (NOVs), Amended Cleanup and Abatement Order (CAO): from October 17th to November 13, 2008

Harumi Goya and Ejigu Solomon

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

Date Issued	Facility/Construction Site	Type
10/29/2008	Major Appliance Recycling Service	Industrial

1 Notice of Termination (NOT) was denied:

Date Issued	WDID#	Permittee	Type
10/29/2008	419C316797	Kaiser Foundation Health Plan	Construction

3 Notices to Comply (NTCs) were issued:

Date Issued	WDID#	Permittee	Type
10/21/2008	419C347714	Prologis Park Carson	Construction
10/24/2008	419I008018	General Sealants, Inc.	Industrial
11/12/2008	419I000915	Morrell's Electro Plating Inc.	Industrial

5 Notices of Violation (NOVs) were issued:

Date Issued	WDID#	Permittee	Type
10/21/2008	419I012429	Sta-Brite Ano	Industrial
10/21/2008	419I018852	Distinctive Appliances Inc.	Industrial
10/22/2008	419I021487	Diversified Transportation LLC	Industrial
10/31/2008	419I004881	Gregg Industries Inc.	Industrial
11/3/2008	419I018387	American Spring, Inc.	Industrial

1 Cleanup and Abatement Order (CAO) was amended:

Date Issued	WDID#	Permittee	Type
10/24/08	456I019388	Mosler Rock Ojai Quarry	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, development of restoration plans for Ormond Beach and Ballona Wetlands, and restoration work at Colorado Lagoon. 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 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/> which also in-

cludes 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

Stakeholders Meeting with Potable Water Suppliers and Government Agencies on the Tentative General NPDES Permit for Discharges from Potable Water Systems

Board Staff, David Hung, Augustine Anijielo, Carlos Urrunaga and Namiraj Jain attended a stakeholders meeting at Metropolitan Water District Office on November 4, 2008. The meeting was attended by about seventy five people from the Cities, Water Agencies, California Department of Public Health, Los Angeles Department of Water and Power, Metropolitan Water District and Analytical Laboratories. Per the direction of the Regional Board, Board staff called the meeting to address the outstanding issues raised by water purveyors at the August 14th Regional Board Workshop and on the revised draft Potable Water Systems general NPDES permit that was circulated on September 23, 2008.

Augustine Anijielo made a power point presentation on the revised draft permit and elaborated on permitting process and addressed comments raised by water purveyors. Board staff discussed the appropriateness of regulating potable water distribution system discharges under the permit, and the need for coordination of discharge notification between the Municipal Separate System Sewer (MS4) owners and water purveyors. Other specific technical issues discussed at the meeting were related to monitoring requirements for Trihalomethane (THMs), Iron and Manganese. The afternoon session discussed and demonstrated how to complete the Notice of Intent Form (NOI). Board Staff intends to take the tentative general NPDES permit to the Board for consideration and adoption in the near future.

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 October 9, 2008 through November 3, 2008, and determined that no further corrective actions are required for the following sites:

- Citibank Downey, Downey (R-50542)
- Former Shell Service Station, Whittier (I-09530A)

For the case closure sites above, a total of 969 tons of impacted soils were excavated.

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 a 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 September 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 4,240 pounds of MTBE from soil. In addition, 15,778 pounds of gasoline have been removed from groundwater and 246,816 pounds from soil (see the table below).

PRP #	Site Name	Soil Remediation			Groundwater Remediation				
		TPHg lb	Benzene lb	MTBE lb	TPHg Lb	Benzene lb	MTBE Lb	TBA lb	Water million gallons
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	14,648	628.3	2,330.4	796	691
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	59,043	1,354	790					
40	Former Shell Service Station	5,815	80	14					
	Total	246,816	2,954	4,240.1	15,778.1	631.52	2,332.68	796	747.78

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

ExxonMobil Service Station, located in Camarillo (10/22/08). 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.

Site Cleanup I Unit

EO Report: Compton Tamarind redevelopment project, 509 North Tamarind Avenue, Compton, California

David Young

The Compton Tamarind project is approximately 50% completed with its 150 home redevelopment project. Currently, Regional Board staff is finalizing a Waste Discharge Requirements permit for a pilot test to inject potassium permanganate into groundwater to chemically oxidize residual chlorinated volatile organic compounds contamination at the site. The pilot test is scheduled to begin in early 2009. Additionally, Regional Board staff received the first sub-slab vapor sampling report in accordance with the conditional soil only closure issued on July 26, 2007. The report will be forwarded to the Office of Environmental Health Hazard Assessment for assistance in reviewing the health risk estimates provided in the report.

Site Cleanup IV Unit

Kinder Morgan Carson Terminal, Carson

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. Regional Board oversight of extensive cleanup activities at this site is through Cleanup and Abatement Orders issued in 1985 and in 1990.

KMEP has proposed to construct a groundwater barrier and treatment system to capture impacted groundwater with fuel oxygenates along the western boundary. KMEP obtained all necessary permits by the end of September 2008 including Los Angeles County and South Coast Air Quality Management District permits and started its construction. Staff is anticipated that, by the end of the first quarter of 2009, the construction will be completed and the system will be in operation.

During the third quarter 2008, six new groundwater monitoring wells were installed as a part of the Gage groundwater monitoring network. On November 6, 2008, staff met with representatives from KMEP to discuss additional deeper groundwater investigation. KMEP will propose additional Gage groundwater monitoring wells by the end of 2008.

Shell Carson Terminal, Carson

Paul Cho

Shell operates the Carson Terminal, including a tank farm and distribution facility, on 400 acres in the city of Carson. A chemical manufacturing plant and petroleum refinery that also operated on the site were shut down in 1982 and 1991, respectively. Regional Board oversight of extensive cleanup activities at this site is through Cleanup and Abatement Orders issued in 1985 and in 1997.

In September 2008, Shell prepared and submitted a model report of the Eastside offsite plume travel time simulations. This modeling work was performed to simulate the travel time of chemicals of concern from their current position to the deeper underlying Lynwood and Silverado aquifers to evaluate potential impacts to nearby public supply wells completed in the Lynwood and Silverado aquifers. The model indicated that detectable concentration of di-isopropyl ether might arrive at the top of the Lynwood in about 18 to 22

years, and middle to lower Lynwood in about 43 to 60 years. None of the active production wells east of the site were predicted to be impacted based on the 100-year projected timeframe in the model. Staff met with representatives from Shell Oil Products US and their consultants, and discussed the modeling effort. Based on the discussion, staff required Shell to provide a model addendum report to consider a model grid layout and more conservative modeling efforts for calibration for layers and higher hydraulic conductivity, and to share the information with the Water Replenishment District and California Water Services.

Norwalk Defense Fuel Supply Point, Norwalk

Jeffrey 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 and KMEP have been conducting onsite and off-site subsurface investigation and remediation at the subject site.

In October 2008, staff attended a quarterly Restoration Advisory Board (RAB) meeting in the city of Norwalk. During the meeting, DESC and KMEP presented the progress of site investigation and remediation and discussed their findings with the concerned citizens. During the meeting, staff directed DESC and KMEP to jointly update their Site Conceptual Model. Meanwhile, staff is preparing a directive to require DESC and KMEP to conduct additional subsurface investigations for complete delineation.

Staff will continue working closely with the local community and the City to address their concerns during future site investigation and cleanup efforts.

Paramount Refinery, Paramount

Robert Ehe

Cleanup and Abatement Orders (CAOs) No. 85-17 and No. 97-130 were issued to Paramount to require complete delineation of the edges of the plume(s), monitor, and cleanup all contaminants of concern at and emanating from the Paramount Refinery. The refinery is located at 14700 Paramount Avenue in Paramount, and occupies approximately 60-acres. It is located adjacent to industrial, commercial and residential areas.

On November 12, 2008, the Executive Officer issue a letter to Paramount to concur only with remedial actions as proposed in the *Remedial Action Plan* (RAP) dated July 14, 2008, specific to Areas 2 and 3. These areas are adjacent to the refinery to the northeast in a parking lot at a shopping center. Dual-phase extraction well installation and startup will be completed by February 27, 2009. Monitoring and ongoing remedial activities in all areas of concern will be continued. Staff is currently reviewing further remedial actions proposed in the RAP for other areas on and off site of the refinery.

Former Aerojet-General Corporation facility, Azusa

Robert Ehe

On November 5, 2008, during a site inspection to examine backfilling an excavation and treatment areas for residual perchlorate in soil remedial work at 411 N. Aerojet Avenue in Azusa, staff observed and documented a violation of Section 13304(a) of the California Water Code; requirement to treat to standards approved by the Regional Board. Staff notified the discharger on the next day of violation and possibility of future enforcement action by this Regional Board. The violation had occurred on November 4, 2008, at a biotreatment cell where we directed Aerojet not to backfill using of treated material without our prior writ-

ten consent. Regional Board staff further considered the layout of treatment cells, backfill/construction staging and storm water runoff issues.

On November 12, 2008, Executive Officer issued a notice of violation (NOV) to Aerojet. The NOV included directives outlined in a prior letter dated May 19, 2008, issued under Cleanup and Abatement Order (CAO) No. 99-073R. Staff also had a teleconference that day with Aerojet staff and consultants to consider results of confirmation sampling for treatment cells and excavation sidewalls. The proper management of soils at the site by all persons was required. Largely due to safety concerns at the site related to the location and size of the large excavation adjacent to the building at 411 N. Aerojet Avenue in Azusa, backfilling operations were allowed to continue at this time.

Country Hills Dry Cleaners, Torrance

Henry Jones

Country Hills Dry Cleaners is located near the intersection of Rolling Hills Road and Crenshaw Boulevard in the city of Torrance and is currently being investigated for elevated tetrachloroethene (PCE) concentrations in the soil. Country Hills Dry Cleaners is located in Country Hills Shopping Center. A “No Further Requirements for Soils Only” letter for the Country Hills Shopping Center (with the exception for Country Hills Dry Cleaners) was issued by the Regional Board on July 2003.

Since the soil confirmation and soil vapor rebound test results exceeded the remediation goals in March, 2008, a consultant installed four additional soil vapor wells to further refine remediation efforts at the site. The consultant conducted another soil vapor extraction rebound test with PID readings in September, 2008. Soil vapor extraction (SVE) wells SVE-8 through SVE-11 presented rebound values that were 5.1 to 17.6 times greater than their initial values. These results indicate that there is still a high concentration of volatile organic carbons remaining within the soils. In a teleconference on October 22, 2008, regarding the soil vapor rebound test results, staff concurred with the continuation of SVE system to remediate PCE in the soils.

Newhall Land & Farming Company, Valencia

Mohammad Zaidi

This one-acre undeveloped open space is located in Valencia. The subject site is within existing pipeline corridor easement for several different oil companies on Newhall Land and Farming Company property. ExxonMobil is reportedly the responsible party for site assessment, monitoring and cleanup of a potential free hydrocarbon product release adjacent to the former Mobil pipelines easement. Based on review of the site assessment and groundwater monitoring reports submitted since 1992, the subsurface soils and groundwater have been impacted primarily with total petroleum hydrocarbons and aromatic hydrocarbons. In November, 2008, staff required Newhall to submit technical reports including a conceptual site model, and remedial action plans for soil and groundwater by December 30, 2008.

Landfills Unit

Board Staff Participation in SEAT Inspection of of Sesnon Wildfire Damage (San Fernando Valley)

Rod Nelson

Beginning October 27th and ending November 9th, 2008, two Regional Board staff (Michael Lyons and Rodney Nelson) participated in a SEAT (State Emergency Assessment Team) Team to evaluate potential water quality impacts and geological threats from the Sesnon fire that occurred last month in the Santa Susana Mountains north of the 118 Freeway between approximately Las Lajas and Aliso Canyons in the San Fernando Valley. Regional Board staff joined staff from other State agencies (e.g. California Fire Department, Department of Fish and Game, and Caltrans) at the SEAT. SEAT representation inspected 137 specific

locations (located by GPS) in this area to assess potential threats from slides, debris flows, flooding, and impacts to water quality. Upon completion of field work, staff prepared reports addressing geologic threats and water quality concerns. These reports will be incorporated in a master report that also will include assessments that address biology, botany, archeological, and civil engineering aspects of the fire.

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 Landfills staff continues to pursue CDI disposal cases per title 14 permitting requirements in coordination with Regional Board 401 staff, and staff of the Department of Fish and Game, U.S. Army Corp of Engineers, and Waste Board local enforcement agencies. In the last six months, there have been five new case referrals. Board staff is working with staff of the County of Ventura Environment Health Division and Fish and Game to characterize the waste disposal activities at three sites as part of developing clean closure plans. Working with Fish and Game staff one site has been clean closed through a Fish and Game streambed alternation agreement. The latest referral, within the past week, is currently being investigated by multiple staff for illegal disposal and streambed impacts to determine the lead agency for characterizing waste disposal activities developing clean closure plans.

CIWMB/LEA Conference

Wendy Phillips spoke at the 11th Annual Conference of the California Integrated Waste Management Board and Local Enforcement Agencies. In her presentation – *You Want to Permit What??!* – she provided described traditional permitting activities and discussed in detail non-traditional activities that help divert wastes from landfills (i.e. permitting disposal of CDI – construction and demolition debris and inert wastes, landfarming contaminated sediments, anaerobic digestion, and composting greenwastes). She concluded with suggestions on the ways CEQA could be used to prevent many interagency problems.

Groundwater Permitting Unit

Malibu Paradise Cove

Elizabeth Erickson

Paradise Cove Park: The owner removed the upgraded, but nonfunctioning, disinfection system, and installed a new Ultra Violet treatment plant. The disinfection system began operating about November 3 and is currently being tested. Upon completion of operational testing and calibration and confirmation of compliance with pathogen limits, the system may meet the Waste Discharge Requirements for bacteria. An additional odor complaint was received. Modifications on seepage pit solenoid values are pending.

Beach Cafe: Staff has received some information on a new tertiary treatment system proposed for the Beach Cafe, where a notice of violation was sent August due to flow volumes which exceeded the Waste Discharge Requirements and continuing groundwater exceedances for bacteria. Material provided by the owner concerning the possible sources for the groundwater results suggest that fractures in the bedrock below the seepage pits may allow long distance transport of effluent to adjacent wells and, possibly, allowing surface discharge. Staff is evaluating the materials provided, working with the City to ensure prompt approval of

construction applications, and awaiting a complete proposal for the new tertiary treatment system.

Malibu County Mart I, II and III

Elizabeth Erickson and Toni Callaway

Malibu Country Mart I, II and III, which lie in the Malibu Civic Center, received notices of violation in September 2008 for failure to comply with a Time Schedule Order and upgrade their waste water treatment facility. Staff met with the City of Malibu, who had not approved the upgrade. The owners of Malibu Country Mart wrote to the Regional Board, in response to the pending matter on the Malibu Memorandum of Understanding for Onsite Wastewater Treatment Systems, requesting to have their waste treated as part of a centralized system and volunteering to provide financial and technical assistance to accomplish this goal.

Duke's of Malibu

Elizabeth Erickson

Duke's of Malibu is constructing odor control, liquid chlorine feed and implementing water conservation at their facility in response to notices of violation sent in June and July of 2007. A management plan for additional monitoring of effluent during peak hours has also been implemented. Duke's has submitted a proposal to replace an existing leachfield, which had discharged through a seawall on to the beach which underlies the restaurant, with a new leachfield further from the high tide line. Staff is reviewing the proposal.

Malibu Moonshadows

Elizabeth Erickson

Malibu Moonshadows has submitted a proposal to site a tertiary treatment facility under an upgraded and reinforced parking structure over a new breakwater. The existing parking lot is condemned and lies in the 100 feet between Pacific Coast Highway and the ocean. Staff has worked with the City of Malibu to ensure that structural modifications to the parking area allow the placement of an underlying leachfield with a minimum 5 feet of separation to the high tide mark and the placement of sufficient storage tanks and disinfection equipment. The volume of flow and number of seats is currently being evaluated.

Malibu Allegria

Elizabeth Erickson

Malibu Allegria, a restaurant located adjacent and north of Pacific Coast Highway in Malibu, has submitted a Report of Waste Discharge. This application for Waste Discharge Requirements describes an onsite wastewater treatment system which will be upgraded to include secondary treatment.

Malibu/ Los Angeles Chart House

Elizabeth Erickson

The Chart House, a restaurant located adjacent and south of Pacific Coast Highway in Los Angeles County and east of Topanga Canyon, has submitted a Report of Waste Discharge. The site currently stores waste in subsurface grease traps and septic tanks for weekly pumping. The owner is evaluating the condition of existing seepage pits, which are only used during peak flows, and which may have 5 feet of separation from the high tide line. A proposal for an upgraded onsite waste water treatment system is pending.

Malibu Cross Creek Plaza

Elizabeth Erickson and Toni Callaway

Malibu Cross Creek Plaza, which lies in the Malibu Civic Center, reported that their tertiary treatment sys-

tem recently met a high level of nitrogen reduction, which effluent total nitrogen levels just over 3 mg/L, in compliance with their Waste Discharge Requirements for an existing and upgraded facility. The permit was granted several years prior to the facility upgrade. Staff has begun discussion with the consultant concerning the steps necessary to achieve the more stringent requirements in the near future. While additional separation between the base of the leachfield and the water table has been proposed, other remedies may be possible. The consultant has recently commented that, "Five feet of separation does not exist on the site so it was impossible to design it into the project. Drainfield locations were chosen that maximized the depth to groundwater. Mounding studies were performed and predicted minimal mounding from the system's use. Actual depth from the bottom of the drainfield to groundwater has ranged from 2.83 to 4.55 feet."

Staff notes that the recently released draft requirements for AB 885 state that as little as 2 feet of separation between the base of the leachfield and the groundwater may be permitted. However the pending requirements also specify that Regional Board implementation should also be based on local conditions and water quality impairments. Staff will continue to work with the discharger in an attempt to upgrade the existing system at Cross Creek to meet these evolving requirements.

International Outreach

Rebecca Chou

On October 17, 2008, staff met with the Minister of the Taiwan Environmental Protection Administration (TEPA), Dr. Shu-Hung Shen and his staff from the Soil and Groundwater Remediation Fund Management Board (Superintendent/Executive Secretary, Mr. Hung-The Tsai and Deputy Executive Secretary, Mr. I-Fu Shen), Department of Water Quality Protection (Director General, Mr. Shyan-Heng Chen), Department of Environmental Sanitation and Toxic Substances Management (Senior Specialist, Mr. Po-Sen Chen) and International Affairs Office (Dr. Shiuan-Wu Chang) to provide and share our California experience in groundwater cleanup and surface water permitting and enforcement. Staff also made a presentation on "Soil and Groundwater Cleanup Levels and Remedial Technologies" to the TEPA staff in a workshop and participated in a roundtable discussion following the workshop. The exchange of information was very well received by the TEPA whose staff was very appreciative of the direct line of communication provided by a California EPA department and expressed interest in facilitating additional informational exchange opportunities in the future.

Between October 21 to October 23, 2008, staff attended the 12th Mainland Taiwan Environmental Protection Conference in Kaohsiung, Taiwan. Staff served as a co-chair on one of the sessions and presented a paper titled "A Step-Wise Approach to Assessing the Significance of Subsurface Petroleum Vapor Intrusion to Indoor Air." The paper was well received and generated a lot of discussion on new indoor air intrusion requirements and implementation in California.

Staff met with the Director-Generals from Environmental Protection Bureaus (EPB) of Taipei County (Dr. Chia-Ji Teng), Taipei City (Mr. Shih-Piao Ni), Tainan County (Dr. Shih-Min Chiang) and Tainan City (Ms. Hwang-Jan Chang) on October 15, October 17, October 27 and October 28, respectively. On these meeting dates, staff held a workshop for each EPB and made presentations on "Wastewater Management in California," "Indoor Air Intrusion from Soil and Groundwater Contamination", "Soil and Groundwater Cleanup Levels and Remedial Technologies", and "California Regulations and Case Studies." Staff participated in the roundtable discussions following each workshop. The EPB staff was grateful to have a face-to-face discussion on California experiences.

Summary of General Waste Discharge Requirements Enrolled

Rosie Villar and Rebecca Chou

From September 6, 2008 to November 12, 2008, five dischargers enrolled under the general Waste Dis-

charger Requirements (WDR). The Table below contains a breakdown for each category of general WDR.

		Project Manager	Date of Coverage	Date of Revision	Termination
A.	General WDR Discharge for Groundwater remediation at petroleum Hydrocarbon fuel and/or volatile organic compound impacted sites (Order No. R4-2007-0019)				
1.	Former Arco Service Station No. 1796, Tujunga (Series No. 071)	Magdy Baiady	9/10/08		
2.	Exxon Mobil Station 18KV8, Camarillo (Series No. 078)	Gregg Kwey	10/22/08		
3.	Barry Venue Plating, Compton (Series No. 081)	Bizuayehu Ayele	11/10/08		
B.	General Waste Discharge requirements for specified discharges to groundwater (Order No. 93-010)				
1.	Western/Pearson-Challinor Project, Camarillo (Series No. 034)	Orlando Gonzalez	10/20/08		
2.	Arroyo Simi/Ventura County Watershed Protection District, Ventura (Series No. 035)	Orlando Gonzalez	11/4/08		

Groundwater Permitting – Inspection Report(s) September 6, 2008 to November 12, 2008

Rosie Villar and Rebecca Chou

Inspection Report(s):

Date Issued	Permittee	Project Manager
9/10/08	Production Tolls Specialties	Toni Callaway
9/11/08	Asphalt Mixing & Recycle Facility	Toni Callaway
9/12/08	Paradise Cove Mobile Home Park CI 8342	Elizabeth Erickson
9/12/08	Paradise Cove Mobile Home Park CI 8568	Elizabeth Erickson
10/09/08	Thomas Aquinas College CI 6410	Dionisia Rodriguez

Groundwater Permitting – Notices of Violation (NOVs):
August 15, 2008 – November 12, 2008

Rosie Villar and Rebecca Chou

Notices of Violation (NOVs) issued:

Date Issued	Permittee	Project Manager
8/15/08	2498 Cortez Street	Wendy Phillips
8/15/08	2496 Cortez Street	Wendy Phillips
8/15/08	491 Ventura Boulevard	Wendy Phillips
8/15/08	2451 Balboa Street	Wendy Phillips
8/15/08	2565 Balboa Street	Wendy Phillips
8/15/08	2545 Rio School Lane	Wendy Phillips
8/15/08	643 Stroube Street	Wendy Phillips
8/15/08	2504 Cortez Street	Wendy Phillips
8/15/08	2857 Cortez Street	Wendy Phillips
8/15/08	2825 Cortez Street	Wendy Phillips
8/15/08	2775 Balboa Street	Wendy Phillips
8/15/08	2778 Vineyard Avenue	Wendy Phillips
8/15/08	2673 Balboa Street	Wendy Phillips
8/15/08	2687 Balboa Street	Wendy Phillips
8/15/08	2461 Balboa Street	Wendy Phillips
8/15/08	318 Stroube Street	Wendy Phillips
8/15/08	451 Stroube Street	Wendy Phillips
8/15/08	481 Ventura Blvd.	Wendy Phillips
8/15/08	2578 Balboa Street	Wendy Phillips
9/16/08	Malibu Water Pollution Control Plant	Toni Callaway

Personnel Report

As of December 11, 2008 our staff total is 144: 128 technical staff (including 2 part-time staff), 7 permanent analytical staff and 9 permanent clerical staff.

The following promotion was made:

Thizar Tintut-Williams, from Environmental Scientist to Staff Environmental Scientist effective November 17, 2008.

The following separated from Region 4:

Lisa Lazarus, Office Technician (Typing) separated from State service effective October 30, 2008.