



October 4, 2012

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

Executive Officer's Report

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

Watershed Regulatory Program

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

Storm Water Contaminant Loading Following Southern California Wildfires

Michael Lyons

Periodic wildfires are a natural component of forest and scrubland ecosystems in arid and semi-arid environments such as those found in Southern California. However, the frequency and intensity of wildfires has increased in association with human activities in and near natural forest and foothill areas and is expected to continue increasing in association with changes in climate patterns. In addition to habitat destruction, wildfires have been shown to have the ability to mobilize contaminants. For example, combustion of plants and natural materials has been reported to release metals, polycyclic aromatic hydrocarbons (PAHs), dioxins and nitrogen compounds. Runoff from burned natural habitats often flows to adjacent or downstream urban areas, where the contaminants may commingle with urban-derived pollutants and potentially exacerbate existing water quality problems.

Unfortunately, routine monitoring and assessment of post-fire runoff seldom occurs. Consequently, the contribution of metals, nutrients and organic contaminants from post-fire runoff to receiving waters is poorly understood in terms of the magnitude of potential effects and the persistence of this influence. In addition to the direct effects of runoff from burned landscapes, materials can be carried away from the fire in the form of smoke and ash and subsequent atmospheric deposition can markedly increase the quantity of various pollutants available in stormwater runoff in areas downwind of fires.

The Southern California Coastal Water Research Project (SCCWRP) conducted post-fire stormwater runoff sampling from 2004 through 2010 in five wildfire areas in southern California that burned between October 2003 and August 2009. These fires ranged in size from 115 to 658 km² in natural open space areas. Between two and five storm events were sampled per site over the first one to two years following the fires. Runoff and water quality from burned sites was compared to that found at sixteen natural unburned sites and at six developed urban unburned sites.

Mean copper, lead and zinc flux rates (calculated as kg/km²) were between 112 and 736 fold higher from burned catchments and total phosphorus was up to 921 fold higher compared to unburned natural areas. PAH flux was four times greater from burned areas than from adjacent urban areas. Ash fallout on nearby unburned watersheds also resulted in a three-fold increase in metals and PAHs. Attenuation of elevated concentration and flux values over time appears to be driven mainly by rainfall magnitude. Contaminant loading from burned landscapes has the potential to be a substantial contribution to the total annual load to downstream areas in the first several years following fires.

For more information, please contact Eric Stein, SCCWRP (erics@sccwrp.org).

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Update of the Upper San Gabriel Valley Municipal Water District's Replenishment Project

Dr. Don Tsai

On September 4, 2012, Los Angeles Regional Water Board staff attended a meeting held at the California Department of Public Health's (CDPH)'s Glendale branch office. This meeting was requested by the Upper San Gabriel Valley Municipal Water District (USGVMWD) to introduce their replenishment project to the CDPH and Regional Water Board. The USGVMWD plans to replenish up to 10,000 acre feet per year of recycled water produced at the San Jose Creek Water Reclamation Plant into the Main San Gabriel Groundwater Basin by 2017. Attendees also included representatives from the County Sanitation Districts of Los Angeles County, the Main San Gabriel Basin Watermaster, and a consultant team from Trussell Technologies, Stetson Engineering, Todd Engineering, and Nellor Environmental Associates. Topics of discussion included the following:

1. Overview of the project history from 1989 to the present, covering the San Gabriel Valley Water Reclamation Program, the San Gabriel Valley Recycled Water Demonstration Project, and the Groundwater Reliability Improvement Project.
2. Evaluation of potential surface spreading sites (the Santa Fe Spreading Ground, the San Gabriel River, and the Santa Fe Channel) and nearby active potable wells.
3. Treatment technologies, combined with soil attenuation and ozone treatment.
4. Project boundary development, based on aquifer performance test results using the existing model.
5. Available quantities of diluent water components, including precipitation, storm water conservation, imported water recharge, and underflow.
6. Salt and Nutrient Management Plan status, including work plan, meeting schedules, draft and final reporting schedules to the Los Angeles Regional Water Board.

All attendees agreed to have bimonthly meetings to discuss the status of the project. The next meeting is scheduled for November 8, 2012.

Watershed Coordinator Activities

The Watershed Coordinator attended a meeting of the Wetlands Recovery Project's (WRP) Managers Group held at the Tijuana Estuary Visitor Center on September 5. The WRP is a partnership of public agencies working cooperatively to acquire, restore, and enhance coastal wetlands and watersheds between Point Conception and the International border with Mexico. The WRP is headed by a Board of Governors (BOG) comprised of top officials from each of the participating agencies; the Managers Group serves as a staff-level advisory group to the BOG and is responsible for developing regional acquisition, restoration, and enhancement priorities. An aid in establishing these priorities is the ongoing coastal change assessment project which was the main topic of discussion at the meeting. The multi-phase project includes digitizing historic coastal survey sheets, summarizing the extent and distribution of coastal wetlands around 1880, and comparing those estimates to contemporary mapped wetlands from 2005. Additional information about the WRP may be found at <http://www.scwrp.org>.

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

Regional Programs

Section 401 Water Quality Certification Program

Valerie Carrillo Zara and Dana Cole

Since July 1, 2012, the Regional Board has received 16 new applications for Section 401 Water Quality Certification (WQC) actions. The following Certification actions have been issued since the preparation of the last Executive Officers Report:

Date of Issuance	Staff	Applicant	Project	Action
7/2/2012	V. Carrillo Zara	City of Palos Verdes	San Ramon Canyon Storm Drain Tunnel	Conditional WQC
7/2/2012	V. Carrillo Zara	A.C. Growers	Bank Stabilization Repair (Santa Clara River)	Conditional WQC
7/2/2012	Dana Cole	Plains Exploration	Turnbull Restoration	Conditional WQC
7/17/2012	V. Carrillo Zara	County of Los Angeles	Chace Park Docs	Conditional WQC
7/17/2012	V. Carrillo Zara	City Ventures	Glendora 3 Monrovia Specific Plan	Conditional WQC
7/17/2012	V. Carrillo Zara	Naval Base Ventura County	Port Hueneme Tide Gate Repair	Conditional WQC
7/19/2012	V. Carrillo Zara	Jeffrey Kaplan	620 Stone Canyon Road Stream Restoration (Bel Air)	Conditional WQC
7/19/2012	V. Carrillo Zara	Arman Gabay	Bridge at 360 Stone Canyon Road (Bel Air)	Conditional WQC
8/9/2012	V. Carrillo Zara	Marymount College (Rancho Palos Verdes Campus)	Marymount College Facilities Expansion	Conditional WQC
8/17/2012	V. Carrillo Zara	Norman Howell	Howell Residence Creek Alignment	Conditional WQC
8/17/2012	V. Carrillo Zara	Newhall Land and Farming Co.	Villa Metro- Channel Replacement	Conditional WQC
8/23/2012	V. Carrillo Zara	Pardee Homes	Skyline Ranch Development	Conditional WQC

Certification actions recently issued and project descriptions for applications currently being reviewed can be viewed from our Web Site located at <http://www.swrcb.ca.gov/rwqcb4/html/meetings/401wqc.html>. For additional information regarding our Section 401 Program, please contact Valerie Carrillo at (213) 576-6759. Any petitions for the appeal of a Section 401 WQC action must be filed within 30 days of the date of its issuance. We encourage public input during the certification process.

Groundwater Permitting and Land Disposal Program

Helen Keller Park Landfill

Enrique Casas

The County of Los Angeles Department of Public Works (DPW) Project Management Division started construction on the redevelopment of the Helen Keller Park (1045 West 126th Street) in the Athens area of the City of Los Angeles in July 2012. During initial grading operations, the contractor observed evidence of a former landfill. DPW Project Management Division staff was unaware of the presence of a former landfill at the site. A subsequent records search found little information about the history or operation of the landfill. To identify the limits and nature of wastes, the DPW Project Management Division conducted a geophysical survey and waste characterization investigation. Initial results of the investigation indicate that the wastes are mostly soils with inert debris. However, test results also indicate the presence of friable asbestos containing materials and metal concentrations that exceed the hazardous waste solubility limits for lead and copper as contained in title 22 of the California Code of Regulations.

On August 29, 2012, Regional Board staff participated in a multi-agency meeting with staff from the DWP's Project Management Division, their consultants and contractor, as well as staff from the DPW Environmental Programs Division, the County of Los Angeles Environmental Health Division, and South Coast Air Quality Management District to discuss mitigation, closure and post-closure maintenance options for the landfill given the proposed park redevelopment project. Land Disposal Unit staff will be working with staff from the associated agencies to assess the human health and environmental threat posed by the landfill and

to develop appropriate environmental controls.

Statewide Septic System Policy for Onsite Wastewater Treatment System

Eric Wu and Rebecca Chou

The State Water Resources Control Board (State Board) has adopted state-wide Septic System Policy for Onsite Wastewater Treatment System (OWTS) on June 19, 2012 which is pending for Office of Administrative Law's approval. The Policy conditionally waives the requirement for owners of OWTS to apply for and receive Waste Discharge Requirements in order to operate their systems when they meet the conditions set forth in the Policy. Detail Policy information is available at http://www.waterboards.ca.gov/water_issues/programs/owts/policy.shtml

The Policy covers tier approaches by local agencies, including:

Tier 0 (properly functioning existing OWTS in low risk area) - No further action required until time for replacement, upgrade or system fails.

Tier 1 (low-risk new or replacement OWTS) – System must meet minimum Tier 1 requirements if local agency does not have approved Tier 2 program.

Tier 2 (Local Agency Management Program (LAMP) for new or replacement OWTS) – System must meet minimum requirements of Tier 2 LAMP if local agency has approved Tier 2 program

Tier 3 (Existing new and replacement OWTS near impaired water bodies) – (1) New or existing system must comply with Total Maximum Daily Load (TMDL) implementation program if new or existing system is included in a TMDL implementation program. Or (2) Existing system must meet Tier 3 Advanced Protection Management Program requirements within time frames specified in the Policy where no TMDL is in place, and an existing system located within 600 feet from a specifically identified nitrate impaired water body or within 100 feet from a specifically identified pathogen impaired water body. Or (3) New system must meet Tier 3 Advanced Protection Management Program requirements specified in the Policy.

Tier 4 (OWTS requiring corrective action) – System must be modified or upgraded as appropriate to the situation if existing system is failing and is found to be polluting groundwater or surface water to a degree that affects its beneficial uses.

Local agencies can implement the policy by a LAMP to be approved by the Regional Board or the State Board. All initial program submittals desiring approval prior to the 60-month limit shall be received by the Regional Board no later than 36 months from the effective date of this Policy.

On September 6, 2012, staff met with the County of Los Angeles, Department of Public Health to discuss the future steps leading to the implementation of the OWTS Policy and the impact of OWTS Policy on the existing Septic MOU and the development of Tier 2/Local Agency Management Program. Staff also coordinate with the County staff on various issues, such as definition of drainage course for permitting OWTS, mobile sanitation facility not subject to WDR, composting toilets not approved by the County and the one acre minimum lot size for subdivision.

Compliance and Enforcement Program

NPDES Facility Inspections

The Enforcement Unit NPDES inspector conducted inspections at 5 facilities with NPDES Permits. Inspection of these facilities is a required part of the NPDES program.

Expedited Payment Program:

Stipulated Order On Settlement Offer No. R4-2012-0097-M was issued to Bevcon I, LLC on August 17, 2012, in the amount of \$3,000 for alleged effluent violations of their NPDES permit for the Beverly Connection Mall.

Stipulated Order On Settlement Offer No. R4-2012-0101-M was issued to Shell Oil Products US on August 17, 2012, in the amount of \$12,000 for alleged effluent violations of their NPDES permit for the Carson Terminal. On August 31, 2012, the Regional Board received payment in full.

Stipulated Order on Settlement Offer No. R4-2011-0071-M was issued to California Department of Water Resources on August 14, 2012 in the amount of \$429,000 for alleged effluent limit violations of their NPDES permit for the William E. Warne Power Plant. On August 23, 2012, the Regional Board received payment in full.

Settlement Offer No. R4-2012-0018-M was issued to the West Basin Municipal Water District on June 5, 2012 in the amount of \$63,000 for alleged late reporting violations of their NPDES Permit for the Barrier Injection Monitoring Wells Project. The Permittee responded on August 2, 2012.

Stormwater Compliance & Enforcement Unit

7 Notices of Non-Compliance were issued:

WDID	Issuance Date	Site/Facility Name	Violation(s)	Type
Non-Filer	8/15/2012	Western States Industrial	Failure to Obtain Permit	Industrial
Non-Filer	8/15/2012	Husky Industries	Failure to Obtain Permit	Industrial
Non-Filer	8/16/2012	CDL Scrap Metal	Failure to Obtain Permit	Industrial
Non-Filer	8/17/2012	Exide Technologies	Failure to Obtain Permit	Industrial
Non-Filer	8/23/2012	Americold aka Federal Cold Storage	Failure to Obtain Permit	Industrial
Non-Filer	8/23/2012	Promate Produce USA	Failure to Obtain Permit	Industrial
Non-Filer	8/28/2012	Fargo Trucking	Failure to Obtain Permit	Industrial

1 Notice to Comply was issued:

WDID	Issuance Date	Site/Facility Name	Violation(s)	Type
4 19I015143	8/22/2012	BKK Corp.	Deficient BMP Implementation	Industrial

8 Notices of Violation were issued:

WDID	Issuance Date	Site/Facility Name	Violation(s)	Type
4 19I001141	8/14/2012	International Rectifier Corp El Segundo	Deficient BMP Implementation, Incomplete/Insufficient SWPPP	Industrial
4 19I011671	8/14/2012	Santa Catalina Island Co. Pebbl	Deficient BMP Implementation, Incomplete/Insufficient SWPPP	Industrial
4 56I004903	8/14/2012	Anchors Way Marine Centers	Deficient BMP Implementation, Incomplete/Insufficient SWPPP	Industrial
4 56I016336	8/14/2012	Boskovich Farms Inc.	Deficient BMP Implementation, Incomplete/Insufficient SWPPP	Industrial
4 19I011361	8/21/2012	Wilmington Marine Services Inc.	Deficient BMP Implementation, Incomplete/Insufficient SWPPP	Industrial
4 19I018911	8/21/2012	Castaic Boat & Marine LLC	Deficient BMP Implementation, Incomplete/Insufficient SWPPP	Industrial
4 19I019476	8/21/2012	Seamark	Deficient BMP Implementation, Incomplete/Insufficient SWPPP	Industrial
4 19I014800	8/29/2012	Kramars Iron & Metal Inc.	Deficient BMP Implementation	Industrial

5 Annual Report Reviews – Second Benchmark Exceedance Letters were issued:

WDID	Issuance Date	Site/Facility Name	Violation(s)	Type
4 19I015402	8/16/2012	North Valley Const Co. Former S	Exceeded benchmark values in 2010/11 following the 2008/09 reporting period.	Industrial
4 19I016023	8/16/2012	Accu Chem Conversion Inc.	Exceeded benchmark values in 2010/11 following the 2008/09 reporting period.	Industrial
4 56I016336	8/16/2012	Boskovich Farms Inc.	Exceeded benchmark values in 2010/11 following the 2008/09 reporting period.	Industrial
4 19I005602	8/27/2012	US Defense Fuel Support Point	Exceeded benchmark values in 2010/11 following the 2008/09 reporting period.	Industrial
4 19I010306	8/28/2012	Evergreen Carson	Exceeded benchmark values in 2010/11 following the 2008/09 reporting period.	Industrial

Summary of Database Management

Lists of Active Construction Sites by Risk Level

Harumi Goya

The data to generate these reports were extracted from 4 different sections of SMARTS. From previous experience, we know that none of 4 sections provides an accurate data set but the combination of them may do. The errors and the flaws in the system were addressed to the State Board, however, the issues still consist. As a result of data comparison and clean-up, we came up 42, 48, 0, 11 and 5 active sites that are 20 acres or larger for the Risk Level 1, 2, 3, Type 1 and 2, respectively. These lists will be used for our next inspection project.

2011-2012 Annual Report (AR)

We are still in the process of logging in 2011/12 Annual Reports that are submitted via email and mail in SMARTS. As of 9/5/2012, 1,743 ARs are logged in SMARTS.

Construction Stormwater General Permit Training

Alex Alimohammadi

Alex Alimohammadi has been involved with drafting the Construction General Permit (CGP) 2009-0009 DWQ. Over the last two years, Alex has also been involved with several sub-committees regarding the implementation, educational, and training aspects of the CGP. On behalf of Region 4 and State Board, through outreach programs, Alex has held training classes and has participated in presenting CGP regulation in classes held by Trainers of Record (TORs).

In June of 2012, California Water Boards Training Academy proposed having two “Construction Stormwater Inspector Training” classes, one in Northern California and one in Southern California. These two-day classes were offered on July 10-12, 2012 in Sacramento and on July 24-25 in Riverside. Classes were offered to inspectors of construction Stormwater sites. It was tailored to enhance inspectors’ knowledge and abilities regarding how to determine compliance with the State Water Board CGP 2009-0009- DWQ. State Board asked Alex to be one of the six instructors to teach the classes. Alex started working with instructors in early June via numerous telephone and conference calls providing ideas on how to format the classes. Alex prepared 2 of the eight modules to be taught and helped with the formation of the other six modules

including preparation of an inspection form. In addition, Alex prepared a 1 1/2 hour Power Point case study beginning with the initial inspection at a site through issuance of Notices of Violations and finally ending with an Administrative Civil Liability (ACL)

Each of the training had about 30 students who participated in a very lively discussion and comment sessions.

Remediation

Investigative Orders

Discharger	Location	Required Action
Leach International	5915 Avalon Blvd., Los Angeles	Approval of the June 29, 2012 groundwater investigation work plan – for stage 1 work
Mr. Randy Campbell and Mr. Jams W. Ream	730 E. 139 th St., Compton	Approved extension request for submitting second quarter reports by August 30, 2012
Pier View Properties, Inc.	1028 E. Front Street, Ventura	Approved extension request for submitting off-site groundwater assessment work plan by September 5, 2012
Hospitality Group LLC	1227-1302 Artesia Blvd., Long Beach	Approved second extension request for submitting a technical report by September 30, 2012
Chevron EMC	3000 90 th St., Inglewood	Required to submit additional groundwater investigation work plan by October 15, 2012
BP Roddco General Partnership	Plaza—Lawndale Retail Center, Lawndale	Review of Site Assessment, Soil Vapor Survey and Quarterly Groundwater Monitoring Report
Valero Energy Corporation	Former Riverside Steel, Santa Fe Springs	Review of Additional Site Characterization Work Plan

Clean Up & Abatement Orders

Discharger	Location	Required Action
Port of Los Angeles	Hy “C” Tane Tank Farm, 2300 Signal St., Los Angeles	Approved additional soil and soil gas sampling portion of the work plan dated April 15, 2012
Port of Los Angeles	Hy “C” Tane Tank Farm, 2300 Signal St., Los Angeles	Approved the July 24, 2012 request for temporary suspension of groundwater monitoring and free product recovery for wells MW-1 through MW-9
Gillette	1681 26 th St., Santa Monica	Approved the July 2012 excavation work plan for Higgins trusts property

Clean Up & Abatement Orders

Discharger	Location	Required Action
Atlantic Richfield Company	ARCO 31T Vinvale Terminal, South Gate	Approval of Request for Extending the Technical Report Due Date for New Well Cluster Installation , CW-12
ExxonMobil Environmental Services Company, County of Los Angeles Department of Parks and Recreation, County of Los Angeles Community Development Commission	Former Athens Tank Farm, Willowbrook	Review of Investigation of Ambient Metals Concentration Report
Shell Oil Products US	Former Kast Property Tank Farm, Carson	Review of Follow-Up Phase II Indoor Air and Sub-Slab Soil Vapor Sampling Report for 24419 Ravenna Avenue
Shell Oil Products US	Former Kast Property Tank Farm, Carson	Review of Follow-Up Phase II Indoor Air and Sub-Slab Soil Vapor Sampling Report for 24513 Ravenna Avenue
Shell Oil Products US	Former Kast Property Tank Farm, Carson	Review of Follow-Up Phase II Indoor Air and Sub-Slab Soil Vapor Sampling Report for 24529 Panama Avenue
Shell Oil Products US	Former Kast Property Tank Farm, Carson	Review of Follow-Up Phase II Indoor Air and Sub-Slab Soil Vapor Sampling Report for 24602 Marbella Avenue
Shell Oil Products US	Former Kast Property Tank Farm, Carson	Review of Follow-Up Phase II Indoor Air and Sub-Slab Soil Vapor Sampling Report for 24603 Ravenna Avenue
Shell Oil Products US	Former Kast Property Tank Farm, Carson	Review of Follow-Up Phase II Indoor Air and Sub-Slab Soil Vapor Sampling Report for 24608 Ravenna Avenue
Shell Oil Products US	Former Kast Property Tank Farm, Carson	Review of Follow-Up Phase II Indoor Air and Sub-Slab Soil Vapor Sampling Report for 24732 Panama Avenue
Shell Oil Products US	Former Kast Property Tank Farm, Carson	Review of Follow-Up Phase II Indoor Air and Sub-Slab Soil Vapor Sampling Report for 24818 Panama Avenue
Shell Oil Products US	Former Kast Property Tank Farm, Carson	Response to Revised Backfill Soil Acceptance Criteria – Remedial Excavation and In-Situ Treatment Pilot Testing

Staff Signed Letters

Discharger	Location	Type
Shell Oil Products US	Shell Bulk Fuel Distribution Terminal, Signal Hill	Approval of Workplan for Decommissioning of Additional Cross-Screened Wells and Installation of Replacement Wells
Shell Oil Products US	Shell Wilmington Sales Terminal, Wilmington	Comments on Interim Remedial Action
Paramount Petroleum	Paramount Petroleum Corporation Long Beach Refinery, Long Beach	Approval of Extension Request for Submittal of Revision to the Source Elimination Program
Kinder Morgan Energy Partners	Defense Fuel Support Point Norwalk, Norwalk	Approval of Soil Borings Investigations Workplan for South-Central and Southeastern Areas
Normandie Properties, LLC	Brea Canon Oil Joughin Lease, Harbor City	Comment on Revised Soil Vapor Survey Workplan
Beverly Crest Cleaners	Beverly Crest Cleaners, Los Angeles	Approval of Time Extension for Submittal of Workplan to Address Residual Onsite Soil Contamination
Pacific Maritime Association	The International Longshore Warehouse and Union Dispatch Hall, Wilmington	Soil Remedial Action Plan
Gardena Specialized Processing	Gardena Specialized Processing, Carson	Approval of the Soil Vapor Extraction Workplan
McKenna Long & Aldridge	Former Ace Plating Site, Los Angeles	Site Cleanup Program Oversight Cost Reimbursement Account
Northrop Grumman Corporation	8020 Deering Ave., Canoga Park	Approved the membrane interface probe survey work plan dated August 16, 2012
Chevron EMC	Terminal No. 100-1654, 601 S. Vail Ave., Montebello	Approved additional soil and groundwater delineation work plan dated July 24, 2012
Chevron EMC	Terminal No. 100-1654, 601 S. Vail Ave., Montebello	Provided comments on revised groundwater remediation work plan dated July 24, 2012
Department of the Navy	UST sites 21 and 24, Naval Base Ventura County, Point Mugu	Provided comments on June 2012, final site assessment report
Department of the Navy	Port Hueneme IRP site 14	Provided comments on the draft geosynthetic clay liner evaluation workplan dated July 30, 2012
Leggett & Platt	621 W. Rosecrans Ave., Gardena	Approved third extension request for submitting a soil removal report by April 20, 2013
Port of Los Angeles	CP Transfer Yard, Alameda and Harry Bridges Blvd., Wilmington	Approved waste management plan dated July 2012
Unisys Corporation	5411 B. Lindero Canyon Road, Westlake Village	Approved a due date extension to August 15, 2012 for submitting annual groundwater monitoring report
Nissan North America, Inc.	125 W. Griffith St., Carson	Approved the proposed soil vapor investigation portion of the work plan dated May 15, 2012
Shell Chemical	1015 E. Wooley Road, Oxnard	Required to submit technical reports by October 15, 2012

Former United Production Services, Inc. (Former ORC Facility)

Bizuayehu Ayele

The site is known to be contaminated with volatile organic compounds (VOCs) primarily perchloroethylene (PCE). A PCE plume has been identified in the groundwater beneath the site. The soil and groundwater contamination has impeded the planned re-development of the site into an athletic complex and academic buildings by the University of La Verne.

While extensive site assessment activities were completed between 1990 and 2010 by the responsible party (RP) under the Regional Board's oversight, a site cleanup has not yet begun because of the claim by the RP that an upgradient site (former Victor Graphics facility) is the source of the contaminants (particularly PCE) and the assertion that it should not be held responsible for site cleanup. However, the groundwater contamination beneath the ORC facility and the former Victor Graphics facility appears to be co-mingled.

On February 29, 2012, the Regional Board sent separate draft Cleanup and Abatement Orders (CAOs) to the RP for the ORC site, and to the property owner responsible for the Victor Graphics site to have both sites fully assessed and cleaned up. The draft CAOs invited comments from the RPs.

Comments from the RPs on the draft CAOs are being addressed in consultation with the Regional Board attorney and the CAOs are being finalized.

Former Victor Graphics Facility, La Verne

Bizuayehu Ayele

The former Victor Graphics facility is a 1.5-acre site located approximately 3 miles southeast of the State Route 57 and 210 Freeway interchange in La Verne. The site is occupied by two single story buildings. The former Victor Graphics facility was a rubber stamp manufacturing facility and operated in one of the units from approximately 1973 to 1993.

Solvents such as perchloroethylene (PCE) were used for the rubber stamp manufacturing operations. Site assessment conducted in 2001 indicated that PCE had been released to the soil and groundwater beneath the site.

The Regional Board is overseeing site assessment activities at the site and at the former Occidental Research Corporation (ORC) facility, a site located south of the former Victor Graphics facility, to expedite remediation of co-mingled PCE plumes from both sites.

On February 29, 2012, the Regional Board sent separate draft Cleanup and Abatement Orders (CAOs) to the responsible party (RP) for the ORC site and to the property owner responsible for the Victor Graphics site to have both sites fully assessed and cleaned up. The draft CAOs invited comments from the RPs.

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Headlands Realty/Hitco Carbon Composites, Inc., Gardena

Greg Bishop

Hitco Carbon Composites, Inc. (Hitco) manufactures carbon composite materials for aerospace, military, automotive, and other industries. The site consists of a main parcel with current operations and a smaller 5-acre parcel that is currently vacant, undeveloped land. These facilities were previously owned by British Petroleum (BP).

Environmental responsibility at the 5-acre parcel had a negotiated split in which BP maintains responsibility for groundwater issues and soil responsibilities were maintained by Hitco. Circa 2006, the 5-acre parcel was sold by Hitco to Headlands Realty Corporation (Headlands), which planned to develop the property for industrial use. Headlands performed a series of environmental investigations on soil which revealed two areas of chlorinated solvent impacts: the Western Source Area and the Southern Source Area. Excavation and

soil vapor extraction were both performed to remove chlorinated solvents from soil. Following these remedial actions, Human Health Risk Assessments were performed for each source area, resulting in calculations of risk that are acceptable for a residential scenario. During this process, the property was repurchased by Hitco and the Headlands development plans were dropped.

In September 2012, the Regional Board issued a “No Further Action” letter to Hitco Carbon Composites, Inc. for soil-related issues. Groundwater assessment and remediation at the 5-acre parcel remains the responsibility of British Petroleum (BP, which performs these functions as part of the main Hitco parcel activities.

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

Dr. Teklewold Ayalew

The work performed during the months of August and September 2012 includes the following:

1. On September 4, 2012, the Regional Board issued a conditional approval of the URS proposed Seismic Refraction Survey Feasibility Test that can be used to detect and map buried reservoir across the footprints of the former Kast Tank Farm reservoirs within the Carousel Tract neighborhood. The feasibility test will allow evaluation of applicability of the method for larger scale implementation if successful.
2. During an AT&T cable installation activity on August 29 / 30, 2012, an excavation trenching was performed within the Carousel Tract on public streets between 305 and 311 East 244th Street that exposed a viscous, black material (tar?) at approximately 1 and 2.5 foot below ground surface. Following this observation, on September 10, 2012, the Regional Board ordered Shell to develop a work plan for the complete delineation and cleanup of the tarry material described above.
3. Regional Board and OEHHA staff completed the review of sixteen (16) Follow-Up Phase II Indoor Air and Sub-Slab Soil Vapor Sampling Reports and issued a response that required Shell to perform a follow-up action, as appropriate.
4. The Regional Board received Bioventing test reports for 24512 Marbella and 24722 Ravenna Avenue dated August 24, 2012. The bioventing test for the properties at 24411 Avenue and 24616 Marbella Avenue are completed, and the test is in progress for a property at 24718 Neptune Avenue. In response to the objectionable odor complaints from the Carousel residents, the Air Quality Management District (AQMD) staff inspected the generator exhaust of the bioventing operation on July 6, and 9, 2012, and provided comments – part of the inspector comment reads as follows “: ... ***saw no emissions and smelled no odors around the unit***”.
5. The Regional Board prepared a fact sheet and general work notice information for the Remedial excavation pilot testing and mailed out to all Carousel Tract residents and other stake holders. Excavation pilot test will be implemented for properties located at 24432 and 24502 Marbella Avenue (a single unshored excavation spanning the front yards of both properties), 24612 and 24715 Neptune Avenue, and 24533 and 24736 Ravenna Avenue upon completion of the Grading Plans approval by LACDPW and permit issued by the City of Carson.
6. Implementation of the Methane Mitigation System Plan and Design for the property located at 378 249th Street is pending the access scheduling agreement with the property owner. AQMD has confirmed that no permit was required for installation/operation for the passive venting system for methane mitigation.
7. Regional Board has received and reviewed the second quarter 2012 groundwater monitoring report. Accordingly, the periodic recovery of a free phase or LNAPL from monitoring well MW-3 using a permanent total fluids pump has continued and recovered 9.45 gallons of LNAPL.

Regional Board also observed the conduct of the quarterly methane and other volatile organic compounds monitoring of accessible utility boxes, vaults, storm drains and sewer manholes across the Carousel Tract.

Regional Board staff has also observed the continued sampling of indoor air, soil vapor and soil at residential properties as access becomes available. The completed residential sampling activity as of September 4,

2012 is as follows:

- a. 265 homes have been screened for methane (93%);
- b. 265 homes have had soils sampled and vapor probes installed (93%);
- c. 261 homes have had sub-slab soil vapor probes sampled (92%); and
- d. 138 homes have had indoor air sampled (48%).

Former Athens Tank Farm / Ujima and Earvin Magic Johnson Regional Park, Los Angeles

Dr. Teklewold Ayalew

The work completed at the site during the months of August and September 2012 are as follows:

1. Regional Board staff completed the review of the Phase I Remedial Action Plan (RAP) and prepared an **Initial Study** that resulted in the determination of the adoption of **Mitigated Negative Declaration** (MND). The Initial Study provides a detailed description of the project that involves excavation and removal of lead and arsenic impacted shallow soils to a depth of 10 feet below grade surface (bgs) and soil vapor extraction (SVE) to mitigate methane and petroleum hydrocarbon volatile organic compounds (VOCs), including benzene, present in shallow soil vapors at the Site. The SVE system is proposed to expedite remediation and actively remove or reduce wastes in shallow soil vapors at the south and southeast perimeter of the Site, reduce the potential for off-site migration of subsurface soil vapors.

The Initial Study identified potentially significant impacts regarding noise, air quality including odor. The Regional Board identified mitigation measures that will reduce those impacts to less than significant and will also require mitigation monitoring such as:

- a. Dust Suppression: During SVE system piping trenching excavation, soil removal excavation, and backfilling activities, dust and particulate matter at the excavation exclusion zone boundary will be continuously monitored using a miniRAMTM dust monitor, or equivalent, during excavation and loading operations in accordance with SCAQMD Rule 403 Fugitive Dust requirements.
 - b. Odor Suppression: During SVE system piping trenching excavation, soil removal excavation, and backfilling activities, odor control measures will be implemented in sequential steps.
 - c. VOCs Suppression: During SVE system piping trenching excavation and soil removal excavation, excavated soils and the excavation face will be monitored for VOCs using a photoionization detector (PID) calibrated to hexane.
 - d. Methane Suppression: SVE piping trenching and soil removal excavations will be monitored for potential presence of methane using a flame ionization detector (FID) or a four-gas meter. Noise mitigation will be triggered when noise levels at the perimeter of the Site exceed background levels and the level
2. On September 11, 2012, the Regional Board filed application with the State Clearing House. The Regional Board intends to post public notice of intent to adopt MND and circulate MND with Initial Study, and disclose to the public for a 30 day public review process that is tentatively set to begin September 24, 2012. During the review period, Regional Board will consider written and verbal comments received.
 3. The Regional Board and DTSC staff received and reviewed the preliminary data packages for 4 offsite homes for which property-specific crawl space and outdoor air sampling was conducted. In addition, the DTSC also completed the analysis of split samples from the same properties. Accordingly, the Exxon (Kleinfelder) data and the DTSC split sample results are comparable with each other (within a factor of 2 for most analytes). The review concluded that crawl space vapors are not accumulating at unsafe levels beneath all four homes. Based on the review, the DTSC and Regional Board issued a joint information material dated September 10, 2012 addressed to the individual homeowner to communicate the findings in-person visit by the DTSC outreach staff.

4. Per the Regional Board order, Exxon (Kleinfelder) provided summary of hexane concentrations in the initial soil vapor samples screened at 5, 15 and 32 feet below ground surface. The hexane concentration tables and isoconcentration contours were shared with the BCHTF.

Status Report on Disney Buena Vista Facility in the Burbank Operable Unit

(Larry Moore)

The Site is located at 500 South Buena Vista Street in the City of Burbank, California. Surrounding areas include commercial and residential development to the north and east, St. Joseph Hospital and Johnny Carson Park to the west, and the Disney ABC/Riverside and Feature Animation Buildings to the south. To the south and southeast of the ABC/Riverside and Feature Animation Buildings is a portion of Griffith Park, referred to as "Polliwog Park," followed by the Ventura Freeway (134) and the Los Angeles River channel.

A Regional Board Chemical Use Questionnaire (CUQ) completed previously by the Disney Buena Vista Facility showed potassium dichromate was being stored onsite in 100 pound (lb.) bags. The chemical was used as part of normal operations for the cleaning of film. Based on the storage and use of a chromium containing chemical, the Regional Board, under California Water Code (CWC) Section 13267, issued a 13267 Order on October 18, 2010, requiring the Walt Disney Corporation to conduct a heavy metals and hexavalent chromium investigation and present the findings from the investigation in a final report. An investigation work plan was submitted on January 14, 2011 and approved on April 18, 2011. An addendum to the work plan was submitted and approved on May 27, 2011. Field work to implement the work plan was conducted from June 23, 2011 to July 20, 2012 and the final report entitled "Soil and Groundwater Investigation Report," (Report) was submitted for staff's review on August 30, 2011.

The Report documented the subsurface investigation conducted at the Site, under Regional Board oversight whereby onsite and offsite subsurface soils and groundwater samples were collected and analyzed for Title 22 metals and hexavalent chromium. Additionally, groundwater samples were analyzed for anions, cations, total suspended solids, alkalinity, hardness, pH, nitrates, nitrites, methylene blue active substances (MBAS), and specific conductivity. Wipe samples were collected from one onsite location and analyzed for Title 22 metals and hexavalent chromium.

Regional Board staff has completed the review of the case files including the Report that documents the environmental assessment activities at the Site. Regional Board staff acknowledges that the chromium and hexavalent chromium concentrations in the subsurface soils were within the regulatory guidelines.

Based on staff review of the information on assessment activities for the Site, staff has determined that The Walt Disney Company had fulfilled the requirements for site assessment for heavy metals and hexavalent chromium. No cleanup action is necessary for an industrial and commercial land use scenario – the current designated zoning. Based on this determination the Regional Board issued a "No Further Requirements (NFR)" letter dated August 24, 2012, for the "Heavy Metals Investigation."