



September 14, 2006

**California Regional Water Quality Control Board
Los Angeles Region
Jonathan Bishop, Executive Officer**

Executive Officer's Report

Surface Water Division

Total Maximum Daily Loads (TMDLs)

Current status of the Calleguas Creek TMDL Monitoring Program and the Salts (Chloride, TDS, and Boron) TMDL

Thanhloan Nguyen

Regional Board staff have worked closely with the Calleguas Creek Watershed Management Plan (CCWMP) and LWA in development of the Calleguas Creek TMDLs Monitoring Program. A draft Quality Assurance Project Plan (QAPP) for the TMDL will be circulated next week for review. The formal submittal to the Regional Board will be due September 26, 2006.

Regional Board staff are planning to complete the Salts TMDL for Calleguas Creek watershed this fiscal year. Regional Board staff, US EPA, the CCWMP, and staff from Larry Walker Associates will meet on a frequent (first Thursday every month) to develop a detailed technical document that analyzes and describes the specific necessity and rationale for this TMDL. The first meeting for this TMDL will be on Thursday, September 5, 2006 to discuss the current status of the salts TMDL and lay out the schedule to complete each individual element of the TMDL. Camrosa Water District had prepared a Renewable Water Resource Management Program for the southern reaches of the Calleguas Creek watershed (RWRMP) to reduce the salt load to surface waters and improve the reliability of local water resources. Regional Board staff had reviewed the draft EIR submitted by the Camrosa Water District and a comment letter was prepared to highlights issues that may adversely impact water quality in the affected reaches of lower Calleguas Creek and Mugu Lagoon. Regional Board staff will continue to work closely with stakeholders, staff from LWA, and EPA to complete the TMDL and have it ready for public review and present before the Board by summer 2007.

Enforcement Unit

Hearing Panels

On July 27, 2006, a Hearing Panel consisting of Regional Board Members Mr. Leo J. Vander Lans (Chair), Ms. Francine Diamond, and Mr. Dick Richardson received evidence and testimony concerning three complaints for mandatory minimum penalty as follows:

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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- Hearing on Complaint No. R4-2005-0045 to assess Mandatory Minimum Penalties in the amount of \$246,000 pursuant to Water Code section 13385 subdivision (h) and (i) against the County Sanitation Districts of Los Angeles County (Valencia Water Reclamation Plant), for violation of its Waste Discharge Requirements contained in Order Nos. 95-081 and R4-2003-0145;
- Hearing on Complaint No. R4-2006-0002 to assess Mandatory Minimum Penalties in the amount of \$717,000 pursuant to section 13385 subdivisions (h) and (i) against the City of San Buenaventura, for violation of its Waste Discharge Requirements contained in Order Nos. 00-143 & 00-144; and Hearing on Complaint No. R4-2006-0038 to assess Administrative Civil Liabilities in the amount of \$216,135 pursuant to California Water Code section 13385 subdivision (c) against Rodeo Owner Corporation, for violation of its waste discharge requirements contained in Order Nos. 97-045 and R4-2003-0111. The Panel will make findings of fact and conclusions of law, and a proposed decision and order for each case for presentation to the Regional Board at an upcoming Board Hearing.

NPDES Facility Inspections

Jose Morales

Enforcement Unit NPDES inspectors conducted inspections at 2 facilities with NPDES Permits since August 12, 2006. Inspection of these facilities is a required part of the NPDES program.

Self Monitoring Reports

Enforcement Staff

Staff reviewed 125 Self-Monitoring Reports submitted by NPDES permit holders since August 12, 2006.

Storm Water Permitting Unit

SUSMP Status Report

Carlos Santos

Staff has started a review of cities' and developers' implementation of the numerical criteria in mitigating post construction storm water runoff as required under the Los Angeles County Municipal Storm Water Permit and adopted in Board Resolution R-00-02. Under the provisions of the L.A. County Municipal Storm Water Permit (Part 4.D) and R-00-02, all construction projects are required to have post-construction BMPs to maximize pervious surfaces that allow percolation of storm water into the ground. These post construction BMPs can be permeable pavement or pavers, vegetative swales, infiltration / landscape beds, or other bio-filters. Proprietary devices (e.g., hydrodynamic system, storm vaults, filter-inserts, etc.) for flow-based treatment controls may be constructed in combination with the volume based-controls.

Under this review for July through August 2006, one Notice of Violation was issued to the City of Glendora, one early notice of SUSMP applicability was sent to Exposition Light Rail Construction Authority, and one comment letter on a CEQA document for a proposed project was sent to the City of Santa Clarita.

Stormwater Compliance

Stormwater Annual Reports for 2005-06

Ejigu Solomon and Harumi Goya

Permittees under the General Industrial Stormwater Permit are required to submit annual reports by July 1 of each year. Stormwater staff and students have been logging the reports for the last 2 months. In addition the information contained in the reports is being entered into the CIWQS database. We have nearly 3,000 industrial stormwater permittees in the Los Angeles Region. That means logging and entering the data will

take a substantial amount of time. Once this task is completed, a number of related tasks will ensue, such as administrative termination of vacant sites, and enforcement actions against those sites that failed to submit their annual reports.

Stormwater administrative civil liabilities (ACLs) slated for a Panel Hearing

Ejigu Solomon

On September 12, 2006, stormwater staff plan to present two ACLs before a Panel for assessment of penalties for failure to comply with the General Industrial Stormwater Permit. The facilities are Universal Waste Systems (contact Ann Zaszconda at 213-620-2021), and Valdrys's Auto Dismantling (contact Ivar Ridgeway at 213 620-2150).

Stormwater Compliance and Enforcement staff Accomplishments

Ejigu Solomon

Since July 2006, the unit staff have been evaluating and inspecting industrial sites to determine compliance with the group monitoring requirements of the permit. The plan was explained in the May, 2006 Executive Officer's report. The evaluation will continue until the end of September. So far, a few enforcement actions, such as NTCs and NOVs have been issued to those sites that have failed to comply with the requirements of group monitoring. A final report on the task is planned for the October EO report. Staff have also continued to inspect non-filer sites, notice of termination sites, and to respond to complaints.

Municipal Permitting Unit (NPDES)

City of Burbank v. State Water Resources Control Board

On June 28, 2006, the judge signed the statement of decision. The Court found that the following constituents had numeric effluent limitations more stringent than required to meet the federal law existing at the time that the Los Angeles Regional Board adopted the National Pollutant Discharge Elimination System (NPDES) permit, back in 1998: Bis(2-ethylhexyl)phthalate, Cadmium, Chromium VI, 1,2-dichloroethane, Ethylbenzene, Lead, Selenium, Tetrachloroethylene, Toluene, and Toxaphene. The tentative renewal NPDES permit for the Burbank Water Reclamation Plant is under development. It will revise the effluent limitations based on an updated reasonable potential analysis using the California Toxics Rule and the State Implementation Policy. The permit is tentatively scheduled for Board adoption at the November 9, 2006 Board Meeting.

NPDES Permits

Augustine Anijelo

During the month of July 2006, 10 dischargers were enrolled under the general NPDES permits and 3 enrollment were terminated. The table shown as "**Attachment A, Table III**", contains a breakdown of the enrollments, revisions, and terminations for each category of general NPDES permit during the month of July 2006.

Watershed Management

Los Angeles River Watershed

The Los Angeles and San Gabriel Rivers Watershed Council is a consortium of government agencies, community and environmental groups, business and academia who organized to resolve and prevent problems

in the watershed in a cooperative, collaborative manner. Formation of the Watershed Council grew out of a conference held in 1995 to discuss how to initiate and/or implement watershed management objectives in the greater Los Angeles Area. Stakeholders in attendance agreed to continue meeting and begin a multi-purpose cooperative watershed management process that is open to the public.

The Watershed Council has published a document entitled, "Beneficial Uses of the Los Angeles and San Gabriel Rivers." Copies may be requested via the Council's website which is at <http://www.lasgrwc.org>. The Watershed Council meets quarterly on the third Wednesday of the month; the next meeting is tentatively scheduled for October 18.

The Watershed Council was awarded Proposition 13 grant funds from the State Water Resources Control Board to prepare a Compton Creek Watershed Management Plan. Compton Creek is a tributary to the lower Los Angeles River. A steering committee and a community action team developed the Plan which can be found at <ftp://www.lasgrwc.org/ComptonCreek>. The steering committee is actively meeting to start implementation of Plan elements. More information may be found on the Watershed Council's website at <http://www.lasgrwc.org/ComptonCreek.htm>.

The San Gabriel Valley Council of Governments (SGVCOG), in partnership with the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy (RMC), was awarded Proposition 13 grant funds from the State Water Resources Control Board to prepare a Rio Hondo Watershed Management Plan. The Rio Hondo is a major subwatershed draining to the Los Angeles River. It is anticipated that the RMC will adopt it as part of their Rivers and Tributaries Greenway Plan. A copy of the watershed management plan is available for download at http://www.rmc.ca.gov/rio_hondo/rh_index.html.

Information about the Arroyo Seco, a major tributary to the Los Angeles River, may be found at the Arroyo Seco Foundation's website <http://www.arroyoseco.org/>. Northeast Trees was awarded Proposition 13 grant funds from the State Water Resources Control Board to prepare an Arroyo Seco Watershed Management and Restoration Plan which was completed in March 2006. It can be downloaded at <http://www.waterboards.ca.gov/losangeles/html/programs/funding/ArroyoSeco%20WMP.pdf>.

The Friends of the LA River is a nonprofit organization formed in 1986 in support of Los Angeles River restoration activities. More information about the organization may be found at <http://www.folar.org/>.

The River Project is a nonprofit organization dedicated to planning for natural resource protection, conservation and enhancement in Los Angeles County. The group has received CalFed funding to develop a watershed management plan for the Tujunga Watershed, a subwatershed of the Los Angeles River. More information about the organization may be found at <http://www.theriverproject.org/> and about the Tujunga Wash project at <http://www.tjungawash.org/>. The River Project recently conducted Watershed-U Tujunga, a six-week, one evening per week, public course about the natural, cultural, historic, social, and political aspects of the Tujunga Watershed. Each evening, 4-6 experts of local, regional and statewide importance to discussed varying aspects and opinions regarding water resources and watershed management.

San Gabriel River Watershed

The Amigos de los Rios is a nonprofit organization working with cities and residents to renew urban neighborhoods. A current project being worked on is the Emerald Necklace, a vision for a 17 mile loop of parks and greenways connecting 10 cities and nearly 500,000 residents along the Río Hondo and San Gabriel Rivers. More information about the organization may be found at <http://www.amigosdelosrios.org/>.

In 1999, the Los Angeles County Board of Supervisors directed the Department of Public Works (in cooperation with the County Departments of Parks and Recreation and Regional Planning) to prepare a San Gabriel River Master Plan which has recently been adopted by the County Board of Supervisors. The Na-

tional Park Service through its Rivers, Trails, and Conservation Assistance Program assisted in the development effort. All river stakeholders were invited to participate. The intent was to develop a consensus-based document that will recognize and address River issues and concerns of the stakeholders. It includes areas within existing rights of way from Morris Dam in the San Gabriel Mountains to the River's outlet in Seal Beach. The Master Plan identifies project opportunities for: enhancements for recreation, open space, and habitat areas; restoration; preservation of the River's natural resources; maintaining flood protection and existing water rights. The Master Plan effort will continue to be coordinated with the activities of the San Gabriel and Lower Los Angeles Rivers and Mountain Conservancy. Documents relating to the Master Plan may be obtained at <http://www.sangabrielriver.com/>.

The San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy (RMC) produced a Guiding Principles Watershed and Open Space Plan which may be obtained at <http://www.rmc.ca.gov/>. Meeting notices for the Conservancy's Board are also on the website. The Conservancy is an independent State agency within the Resources Agency established by law in 1999. Its jurisdiction includes the San Gabriel River and its tributaries, the Lower Los Angeles River and its tributaries, and the San Gabriel Mountains, Puente Hills, and San Jose Hills. It was established to preserve urban open space and habitats in order to provide for low-impact recreation and educational uses, wildlife and habitat restoration and protection, and watershed improvements within its jurisdiction. Implementation of the Open Space Plan is occurring partly through award of pass-through grant funds.

The San Gabriel Mountains Regional Conservancy (SGMRC) is a private, nonprofit, collaborative organization established in 1997. The SGMRC was awarded a Proposition 13 Watershed Protection Grant by the State Water Resources Control Board to prepare a watershed plan for the three sub-watersheds above Whittier Narrows: San Jose Creek, Walnut Creek, and the Upper San Gabriel River. More information may be found on their website at <http://www.sgmrc.org/>.

A "State of the Watershed" report is available for the San Gabriel River Watershed which was prepared by Regional Board staff in 2000. The report describes the watershed, with its many diversion structures and recharge areas, and summarizes available water quality data in a manner easily understood by the layperson. The complete set of data evaluated for the report (as well as the report itself) is available electronically by contacting Shirley Birosik at sbirosik@waterboards.ca.gov. The report can also be downloaded in its entirety by accessing the Regional Board's website at <http://www.waterboards.ca.gov/losangeles> and clicking on "Watersheds" on the left side-bar which leads to a clickable map of the region's watersheds for information specific to each one. Hardcopies of the report are also available.

Santa Monica Bay Watershed Management Area – Malibu Creek Watershed

The Malibu Creek Watershed Council have met on a bimonthly basis for many years and is concerned with a variety of human health and habitat issues. Current active committees/task forces under the Council include those focusing on habitat/species, monitoring/water quality, education, and Rindge Dam. The Council's Malibu Lagoon Task Force served as an advisory group to a recently completed lagoon restoration plan. A copy of the final lagoon restoration plan funded by the Coastal Conservancy may be found at <http://www.healthebay.org/currentissues/mlhep/default.asp>. The Monitoring Subcommittee also meets regularly to serve as a Technical Advisory Committee to a Proposition 13-funded watershed-wide monitoring program.

Minutes from previous Council meetings, agendas for future meetings, and information about the watershed may be found on the Council's website at <http://www.malibuwatershed.org/>.

A Malibu Creek Ecosystem Restoration Feasibility Study is underway. The U.S. Army Corps of Engineers and California Department of Parks and Recreation are the major partners in this effort which will evaluate, among other options, the feasibility of restoring the ecosystem through removal of Rindge Dam. The tech-

nical advisory group for the effort meets approximately monthly while a larger stakeholder focus group last met on May 11.

Santa Monica Bay Watershed Management Area – Topanga Creek Watershed

A watershed committee has been meeting in the Topanga Creek Watershed since 1998. This group was formed as a followup to the Topanga Canyon Floodplain Management Citizens' Advisory Committee which produced a draft Topanga Creek Watershed Management Plan in 1996. A major goal of the watershed committee has been to prioritize potential watershed protection actions previously identified, and participate in a coordinated resource management planning (CRMP) process. A watershed management plan was finalized in 2002. The Committee will continue work on implementation of actions identified in the Management Plan. The group meets on an infrequent basis. Their website address is <http://www.topangaonline.com/twc>.

Santa Monica Bay Watershed Management Area – Ballona Creek Watershed

The Los Angeles County Department of Public Works was awarded a Proposition 13 Watershed Protection Grant by the State Water Resources Control Board to prepare a watershed plan for Ballona Creek. The Ballona Creek Watershed Task Force met for about a year during Plan development and the final Plan was released at the group's September 2004 meeting. A watershed coordinator was hired with California Department of Conservation funds to help guide implementation of the plan and lead the Task Force in future meetings. The group is currently pursuing establishment of a nonprofit. The group meets in the afternoon on the third Tuesday of the month, generally in Culver City. Meeting minutes and agendas may be found at <http://www.ladpw.org/wmd/watershed/bc/>.

The State Coastal Conservancy in partnership with the California Department of Fish and Game and State Lands Commission has begun work on developing a restoration plan for Ballona Wetlands. More information about this work may be found at <http://www.scc.ca.gov/Ballona/index.html>. A US Army Corps-funded Ecosystem Restoration Feasibility Study is also being conducted in coordination with the Coastal Conservancy work. More information about this study may be found at http://www.spl.usace.army.mil/cms/index.php?option=com_content&task=view&id=64&Itemid=31.

Dominguez Watershed

The Dominguez Watershed includes the waters of Dominguez Channel, Los Angeles/Long Beach Harbors, Machado Lake, and the land areas draining into them. The Dominguez Watershed Advisory Council was formed in February 2001 and met on a monthly basis for three years to conduct a variety of tasks including development of a Watershed Management Master Plan (funded by Proposition 13) aimed at protecting and improving the environment and beneficial uses of the watershed. The watershed plan was finalized and a list of potential implementation projects/programs was included in the Plan. The Funding Subcommittee is investigating possible means to fund a watershed coordinator to lead future implementation and outreach efforts. Meetings are generally held on the first Wednesday of every other month. The group's website is at <http://ladpw.org/wmd/watershed/dc/> where a copy of the Watershed Plan may be downloaded.

Los Cerritos Channel/Alamitos Bay Watershed Management Area

A feasibility study for restoration of Colorado Lagoon was funded by the Coastal Conservancy. The lagoon is a tidal water body connected to Alamitos Bay via a box culvert. The lagoon is heavily utilized for recreational activities; it is in a natural low point of the watershed and thus receives a considerable amount of urban runoff and has impaired water quality. The purpose of the Colorado Lagoon Restoration Feasibility Study is to evaluate and recommend feasible opportunities to restore the marine ecosystem and support safe recreation while improving water and sediment quality and managing storm water in the lagoon. The City of Long Beach was recently award Clean Beaches Initiative funds from the State Water Resources Control

Board to begin implementation of water quality improvement actions described in the feasibility study. More information on the study may be found at <http://www.longbeach.gov/news/displaynews.asp?NewsID=561>.

Ventura River Watershed

A “State of the Watershed” report for the Ventura River Watershed prepared by Regional Board staff is available. The report describes the watershed and summarizes available water quality data in a manner easily understood by the layperson. The complete set of data evaluated for the report (as well as the report itself) is available electronically by contacting Shirley Birosik at sbirosik@waterboards.ca.gov. The report can also be downloaded in its entirety by accessing the Regional Board’s website at <http://www.waterboards.ca.gov/losangeles> and clicking on “Watersheds” on the left side-bar which leads to a clickable map of the region’s watersheds for information specific to each one. Hardcopies are also available.

Implementation of an Ecosystem Restoration Feasibility Study is ongoing in the watershed. The U.S. Army Corps of Engineers and Ventura County Flood Control District are the major partners in this effort which will evaluate, among other options, the feasibility of restoring the ecosystem through removal of Matilija Dam. The Final EIR/EIS was released in September 2004 and federal funding is currently being pursued for final design work which is underway. More information, including project reports and the Final EIR/EIS, may be obtained on the website <http://www.matilijadam.org/>.

The Matilija Coalition is a local group committed to removal of Matilija Dam and subsequent ecosystem restoration. More information about the group may be found at <http://www.matilija-coalition.org/>.

Santa Clara River Watershed

Ventura County Watershed Protection Division has recently published two documents that are now available on their webpage at http://www.vcwatershed.org/Watersheds_SantaClara.html. One is a permitting guide for areas within the county and along the full length of the Santa Clara River. The other is a guide to native and invasive streamside plants.

A draft of a “State of the Watershed” report prepared by Regional Board staff for the Santa Clara River Watershed is available at http://www.waterboards.ca.gov/losangeles/html/programs/regional_program/ws_santaclara.html. The report is currently being finalized.

A Santa Clara River Enhancement and Management Plan (SCREMP) was developed to address management of the 500-year floodplain of the main river corridor. Related to the SCREMP, the details of a comprehensive river monitoring plan are being worked out by a group of watershed stakeholders. The management plan and the recommendations for a comprehensive monitoring plan can both be viewed at http://www.vcwatershed.org/Watersheds_SantaClara.html. Additionally, an Army Corps of Engineers-sponsored watershed-wide planning effort has begun which will follow up on the intensive effort put into river corridor planning.

In 1994, a pipeline over the Santa Clara River ruptured during the Northridge Earthquake and spilled crude oil. Funds from a settlement for natural resources damages are being administered by the Santa Clara River Trustee Council which is made up of representatives from the U.S. Fish and Wildlife Services and California Department of Fish and Game. The Trustee agencies completed a Restoration Plan and Environmental Assessment for the Santa Clara River ARCO Oil Spill (Restoration Plan) to guide the use of the settlement funds. The Trustees are implementing preferred projects described in the Restoration Plan by identifying potential land acquisition and habitat restoration opportunities in the Santa Clara River Watershed.

Some of the oil spill settlement funds have been allocated to studies of the river’s biota that will eventually

be utilized by the Coastal Conservancy's Santa Clara River Parkway Restoration Feasibility Study. The results of the feasibility study will be used in restoration of parcels along the river being acquired by the Coastal Conservancy. Information on the Parkway may be found at <http://www.santaclarariverparkway.org/>.

The Ventura County Task Force of the Wetlands Recovery Project meets on the second Thursday of the month, generally from 2- 4 PM, at the Ventura County Government Center's Multipurpose Room. Updates on the feasibility study and on projects funded by the settlement funds will occur at these meetings on an as-needed basis.

Calleguas Creek Watershed

The Calleguas Creek Watershed Management Plan Committee was convened in 1996 to initiate development of a comprehensive watershed management plan. A large group of stakeholders, including federal, state, and local agencies, landowners, businesses, and nonprofit organizations are represented. An Executive Steering Committee, consisting of a much smaller group of stakeholders, guides the day-to-day activities of the watershed group. Subcommittees have changed through time but currently target Water Resources/ Water Quality, Flood Protection and Sediment Management, Habitat/Open Space/ Recreation, Land Use, Public Outreach/Education, and Agriculture. Subcommittees generally meet monthly or bimonthly. The Management Plan Committee as a whole is currently focusing its attention on TMDL work in the watershed. Information about the management committee and its subcommittees as well as documents and meeting dates can be found at <http://www.calleguascreek.org/>.

Miscellaneous Ventura Coastal Watershed Management Area

An oil pipeline ruptured in December 1993, spilling more than 2,000 barrels of crude oil into McGrath Lake and onto nearby beaches. A Trustee Council was eventually formed to plan and manage restoration of natural resources using settlement funds. The McGrath State Beach Area Berry Petroleum Oil Spill Draft Restoration Plan and Environmental Assessment may be viewed at <http://www.dfg.ca.gov/ospr/organizational/scientific/nrda/NRDAmcgrath.htm>. The draft plan outlines criteria for evaluating the restoration alternatives and addresses the potential environmental effects of each.

A wetlands restoration plan is being developed by the State Coastal Conservancy and its consultants for the Ormond Beach Wetlands. Progress on this work is generally discussed at Ormond Beach Task Force meetings held on the fourth Thursday every other month in Oxnard.

Southern California Wetlands Recovery Project

The Southern California Wetlands Recovery Project (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. Using a non-regulatory approach and an ecosystem perspective, the WRP works to identify wetland acquisition and restoration priorities, prepare plans for these priority sites, pool funds to undertake these projects, implement priority plans, and oversee post-project maintenance and monitoring.

The WRP is headed by a Board of Governors comprised of top officials from each of the participating agencies. The Southern California Wetlands Managers Group and the Public Advisory Committee serve as advisory groups to the Board. The Wetlands Managers Group is responsible for drafting the regional restoration plan and advising the Governing Board on regional acquisition, restoration, and enhancement priorities. Governing Board meetings are public and are noticed at least 10 days prior to each meeting. If you sign up on the WRP's listserv at <http://www.scwrp.org/contact.htm>, you will receive email notification of all board meetings. The Board of Governors last met in March in conjunction with a wetlands symposium held in Santa Barbara. More information about this event may be found on the WRP's webpage at <http://>

www.scwrp.org.

County Task Forces help solicit projects for consideration for WRP funding by the Managers Group and Board of Governors. The program provides funding for acquisition, restoration, and enhancement projects for coastal wetlands and watersheds in Southern California. Both the Ventura and Los Angeles County Task Forces have Education Subcommittees which are looking to build on existing education programs while identifying gaps to be filled.

The WRP also has a Science Advisory Panel (SAP) and a wetlands ecologist who acts as liaison with the SAP. Recent activities have focused on coordination with a statewide effort to develop methods for rapid assessment of wetlands and development of a wetlands regional monitoring program. A paper on the habitat value of treatment wetlands has also been written and is available on the WRP's webpage at <http://www.scwrp.org/>.

A contract between Environment Now on behalf of the WRP and the State Water Resources Control Board has resulted in a number of useful and interesting products including maps and reports. These may be found at <http://www.lasgrwc.org/WRP.htm>.

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 October 2004. The consolidated statewide document is the basis for many funding decisions including allocating money for monitoring, TMDL development, and grant monies disbursement. Future updates will occur on an as-needed basis. The document may be obtained electronically (in MSWord) by contacting Shirley Birosik, Watershed Coordinator, at 213-576-6679 or sbirosik@waterboards.ca.gov. It can also be downloaded in its entirety by accessing the Regional Board's website at <http://www.waterboards.ca.gov/losangeles> and clicking on "Watersheds" on the left side-bar. In addition, "Watersheds" will lead to 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/>.

Groundwater Division

Underground Storage Tanks

Charnock Sub-basin MTBE Cleanup

Weixing Tong/Jay Huang

MTBE cleanup in the Charnock Sub-basin has been ongoing. On November 21, 2003, the City of Santa Monica and three oil companies (Shell Oil, ChevronTexaco, 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 within five years from now. 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. Now all parties are in the stage of implementing the agreement.

Since 1996, this Regional Board, working along with USEPA, has diligently investigated and overseen cleanup of the regional and site-specific contamination. As of July 2006, a total of 515 million gallons of

groundwater in the Charnock Sub-Basin Investigation Area have been treated. To date, a total of 2,110 pounds of MTBE have been removed from groundwater and 4,257 pounds of MTBE from soil. In addition, 14,936 pounds of gasoline have been removed from groundwater and 241,633 pounds from soil (see the table shown as Attachment A, Table II).

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 date, staff issued "No Further Action" letter to eleven sites (PRP sites #5, #16, #20, #21, #24, #29, #30, #36, #37, #42 and #44). On December 1, 2005, Regional Board issued an Waste Discharge Requirement Permit to Powergas (PRP#15) to clean up the residual groundwater contamination using oxygen release compound. Since November 2005, vadose zone cleanup using vapor extraction system has been initiated at PRP#18 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.swrcb.ca.gov/rwqcb4/html/programs/ust/charnock_mtbe.html. Or www.epa.gov/region09/charnock.

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 **July 6, 2006** through **August 21, 2006**, and determined that no further corrective actions are required for the following sites:

- Shell Service Station, San Gabriel (R-26424)
- 76 Service Station #0353, Glendale (912040107)
- Goldrich & Kest Property, Santa Clarita (R-12315)
- United Oil Service Station #48, Los Angeles (900290070)
- Mobil Station #18-EOR, Whittier (I-11163)
- Former Chevron Station No. 9-3829, Inglewood (I-09864A)

For the case closure sites above, a total of **902** tons of impacted soil were removed, and **21,815** pounds of petroleum hydrocarbons were recovered by the vapor extraction treatment system. In addition, approximately **40,636** gallons of groundwater were treated.

Remediation

Rosecrans-Sepulveda Plaza Commercial Redevelopment Project in El Segundo

Adnan Siddiqui

Regional Board has been providing regulatory oversight for the characterization and cleanup of approximately a 100-acre former industrial parcel consisting of properties owned by Honeywell, General Chemical, Air Product and Kramer. This last piece of industrial land in the City of El Segundo is planned for commercial retail redevelopment by Rosecrans Sepulveda Partners, LLC. (RSP). This month Regional Board has received an application under CLRRRA in connection with the anticipated acquisition of the General Chemical property by RSP.

Grants & Loans

Funding Opportunities

Raymond Jay

Application periods for two primary sources of funding, the 2005-06 Consolidated Grants and the Integrated Regional Water Management (IRWM) Grants, have ended for FY 2006-07. Clean Beaches Initiative, Water Recycling, Small Community Groundwater, and Small Community Wastewater funding is still available. Applications for the State Revolving Fund Loan Program will resume in the spring. For more information on these specific grants and programs, please go online to <http://www.swrcb.ca.gov/funding/docs/grantnews.pdf>.

Consolidated Fund Grants

Maryann Jones

Staff reviewed and scored 70 full proposals for approximately \$143M in consolidated bond monies (statewide) from Propositions 13, 40, and 50, along with Federal appropriations that were reviewed by Regional Board, State Board, and partner agencies. A total of 37 applicants from the Los Angeles Region with proposals totaling about \$62M were asked to submit full proposals. Staff from the Grants and Loans Unit participated in technical review committees, including other Regional Boards and partner agencies, to rank the proposals and provide funding recommendations to the State Board. The State Board will consider funding the projects during their board meetings in September and October. More information is available online at .

Integrated Regional Water Management (IRWM) Implementation Grants

Macaria Flores

Staff from the Grants and Loans Unit evaluated the Ventura County Watershed Coalition and Los Angeles County IRWM proposals. Funding for the IRWM Program is administered jointly between the State Water Resources Control Board and the Department of Water Resources (DWR). Technical reviews are expected to be finalized by September with selection panel recommendations finalized in October.

Grant Management

Raymond Jay

Staff currently manages 39 active contract and grant agreements totaling nearly \$28M. This month, staff finished evaluating 70 grant proposals for the 2005-06 Consolidated Grant and two IRWM proposals.

Roles and Responsibilities of the Grant Manager and Project Director

The Grant Manager's (GM) role is to provide technical oversight to ensure that projects meet the intent and purpose of the grant program. GMs monitor progress by making site visits, preparing field reports, documenting communication with the Project Director, and reviewing and approving all reports and work products as required in the agreement.

The Project Director (PD) is the lead person to ensure the project runs smoothly, is completed as proposed, the money has been cost-effectively spent, and water quality improvements are achieved and documented. PDs submit regular progress reports and invoices, along with supporting documentation, fully detailing work performed. Work completed is reimbursable for up to the approved amount in the grant agreement. The supporting documentation for invoices provides the basis for reimbursing Grantees and maintaining auditable files by properly accounting for bond fund usage.

The GM needs a clear and concise report detailing what work was performed or service provided during the reporting period including an explanation of line item charges for categories such as personnel, operating expenses, and professional/consultant services. For example, it should be clear what consultants were working for the Grantee, services they were providing, and at what rate. The GM has a very short time frame to approve and forward the invoice to ensure timely payment. The more detailed the progress report and invoice, the faster payment can be approved, allowing the GM more time to focus on other projects and issues. The progress report should clearly document what was done by whom and tie that back to the outcome of the project and the budget.

A common problem has been the lack of information provided to approve the invoices. Additional resources are available to PDs to facilitate effective Grants. GMs are available for conference calls, site visits, and meetings. Many resources are available on the State and Regional Board websites at http://www.swrcb.ca.gov/funding/index.html#funding_programs and <http://www.swrcb.ca.gov/rwqcb4/html/fundings.html>, including the Project Director Resource Guide. The guide provides in depth information on the roles of the key players, the grant process, forms and templates, the invoice process, as well as various resources, including other web links.

The public is welcome to view the website and grant materials as well. A status report for each contract and grant is available online at <http://www.swrcb.ca.gov/rwqcb4/html/programs/funding/ProjectSummary/ContractAndGrant.html>. Progress reports, invoices, and corresponding documents can be reviewed in our office. Please contact the respective GM to make an appointment.

Case Study: San Gabriel Watershed Nonpoint Source Pollution Reduction Program

Sonja Gettel

The Upper San Gabriel Valley Municipal Water District (USGVMWD) has been working on this project, totaling \$205,275, since 2004. Significant problems in the San Gabriel Watershed include excessive loadings of trash, nutrients, and coliform, as well as risk of sewage runoff from antiquated septic systems and portable lavatories. The goal of the project is to address Regional Board priorities surrounding trash in the upper San Gabriel River, along with management of runoff and implementation of septic tank correction measures. Key components of the project include improving water quality, controlling erosion, reducing discharge of nonpoint source pollutants to the river, improving aquatic and terrestrial species habitats, and restoring native vegetation and riparian zones.

Elena Layugan, the Conservation Coordinator with USGVMWD and the Project Director, is dedicated to completing this project on time. She has led a myriad of efforts to address the problems including trash reduction events, retrofitting portable toilets with vault/stationary toilet stations, stream clearance events, clearance and rehabilitation of pathways, installation of rock and plant barriers, and stabilization of stream banks and slopes. These efforts are being carried out in conjunction with a public outreach component with the intent of promoting long-term, environmentally conscious behavior. The project is scheduled to be completed by March 2007. Read more about this project, along with any other projects managed by the Contracts and Grants Unit online at <http://www.swrcb.ca.gov/rwqcb4/html/programs/funding/ProjectSummary/ContractAndGrant.html>.

SLIC II Unit

Status Report on Phase II of the San Fernando Valley Chromium VI Investigation

Dixon Oriola

Phase II of the San Fernando Valley Chromium Investigation is intended to identify heavy metal (including chromium) sites that have impacted the soil, and possibly, the groundwater. Regional Board staffs are con-

tinuing methodically evaluate each site. To date, of the 106 sites identified under this phase of the investigation, 74 have been issued "No Further Requirements" letters, one site each was transferred to the USEPA - Region IX: Resource Conservation and Recovery Act (RCRA) Division and California's Department of Toxic Substances Control (DTSC) - Glendale Office, leaving 30 active sites. An additional 28 potential chromium VI impacted sites were transferred to DTSC early this year. Due to requests for additional time, claims of financial hardship and the resolution of enforcement actions the anticipated conclusion of all field-work is expected to be completed by March 2007.

Enforcement Developments concerning the Former Excello Company (Glendale South Operable Unit), Chromium VI Investigation

Dixon Oriola

After onsite work was completed on December 2005 by the DTSC, the Regional Board resumed regulatory oversight of the site. The Regional Board issued Cleanup and Abatement Order (CAO) R4-2003-0038 on June 20, 2003, but later revised it to include the property owner (The Spirito Family Trust) on June 2, 2005, since Excello ceased operations in December 2004. The Spirito Family Trust is currently in compliance and has hired a consulting firm to conduct the required assessment under the revised CAO. In February 2006 the initial phase of the required site assessment work, including the installation of 3 three groundwater monitoring wells, was completed. A final report was submitted and reviewed by the Regional Board in May 2006. Presently, a workplan to complete the next phase of site assessment work was approved by the Regional Board in July 2006. Presently, a schedule to implement the workplan is being developed. Another workplan is also being developed for the installation of at least 5 additional monitoring wells. This workplan should be submitted to the Regional Board in September 2006.

The former Excello Plating Company was also the object of 2 misdemeanor complaints by the City of Los Angeles (City Attorney's Office). The \$150,000 fine was associated with complaints settled in April 2006. The fine's preliminary breakdown was as follows:

- The SWRCB to receive \$5,000 for each count = \$10,000
- The Court to receive \$11,000 for each count = \$22,000
- USEPA Cost Recovery for 2 Consultants/Staff = \$50,000
- The SWRCB Cleanup & Abatement Order Fund = \$68,000

Project Status for the former Western Chemical (now All Tex, Inc.), La Mirada

Larry Moore

Presently the Regional Board is reviewing the site assessment delineation workplan which was submitted in March 2006. The workplan's scope is to assess offsite contamination in soil and groundwater, which may have resulted from activities associated with the former Western Chemical facility. Analytical data collected from groundwater monitoring wells located on sites south and downgradient (based on the historical groundwater flow) of the facility have been significantly impacted by volatile organic compounds (VOCs). Depth to groundwater varies from 4 feet to 7 feet below ground surface. Concentrations of trichloroethylene exceeding 500,000 micrograms per liter have been noted in groundwater monitoring wells. Regional Board staff attended a project status meeting in July 2006, hosted by the City of La Mirada and CALTRANS. There is a I-5 freeway widening project affecting a wide area from the Carmenita Exit to the Orange County border. The next step in the project's milestones is to develop an Environmental Impact Report (EIR) to satisfy CEQA requirements. Regional Board staff will be assisting the City and CALTRANS in this effort.

Continental Airlines, Los Angeles International Airport (LAX)

Dixon Oriola

Regional Board staff are overseeing a major free product recovery project by Continental Airlines at LAX. This site, through multiple subsurface investigations, has been found to have free product (jet fuel) and halogenated volatile organic compound (HVOC) releases that have impacted the soil and underlying groundwater. The most significant release from a breached supply line covers about 20 acres. To date, 105 free product recovery wells have been installed to address a plume that varies in thickness from 0.5 feet to about 8 feet. Recovery efforts have extracted over 149,000 gallons in two phased actions. The HVOC soil and groundwater impacts, which originated from 16 leaking underground storage tanks (USTs) are localized to a small area undergoing assessment. Regional Board staff will be inspecting and continuing to oversee both operations next week during a site visit.

SLIC IV Unit

Former Fairchild / Pacific Precision Metals Facility in Azusa

Robert Ehe

Staff met with representatives of the property owner, Fairchild Corporation, Pacific Precision Metals and our staff regarding the former Fairchild / Pacific Precision Metals Facility in Azusa. The purpose of the meeting was to coordinate and clarify the Regional Board's requirements of all parties, and to discuss past ownership and operations at the Site, past chemical usage, past practices of occupants, and past subsurface investigations. Regional Board staff are requiring further investigation and cleanup in areas of concern. Contaminants of concern include 1,1,1-trichloroethane (1,1,1-TCA), tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2 dichloroethene (c1,2-DCE), trans-1,2-DCE, 1,1-dichloroethylene (1,1-DCE), vinyl chloride, 1,1 dichloroethane (1,1-DCA), and Title 22 Metals.

Former Aerojet Facility in Azusa

Robert Ehe

Staff met with representatives of Aerojet-General Corporation regarding the former Aerojet facility in Azusa. At the conclusion of the meeting, staff reiterated a requirement for Aerojet to update a workplan referred to as the Further Assessment of Soils Containing Residual Perchlorate. Regional Board staff are requiring completion of soil delineation in the study area along with a revised site-specific soil screening level.

Public Outreach

State Board Member Wolff's Tour

Storm Water Program staff arranged for and accompanied State Water Board Member Gary Wolff on his tour of the Santa Monica Urban Runoff Recycling Facility (SMURRF) on August 18, 2006. Mr. Craig Perkins, Director of the Department of Environmental and Public Works Management, for the City of Santa Monica described the facility during a walk-through and responded to questions. Dr. Wolff expressed great interest in the economics of dry weather flow treatment, reuse, and human health care cost savings.

Public Outreach

Yue Rong

On July 24, 2006, the Assistant Executive Officer and Underground Storage Tank (UST) Program staff went to annual local agency outreach meeting with staff from the Ventura County Environmental Health Department, which is an UST program local oversight regulatory agency. Staff from both agencies discussed a wide range of issues related to UST program and case closure.

Personnel

As of September 14, 2006 our staff total is 143: 125 technical staff (including 3 part-time staff), 8 permanent analytical staff and 10 permanent clerical staff.

The following appointments were made:

Mercedes Merino, Environmental Scientist, Compliance and Enforcement Section, effective July 24, 2006.
C. Eric Wu, Water Resource Control Engineer, Regional Programs Section, effective August 2, 2006.
Kangshi Wang, Water Resource Control Engineer, Regional Programs Section, effective September 1, 2006.

The following separated from Region 4:

Rebecca Chou, Senior Water Resource Control Engineer, transferred to California Department of Toxic Substances Control effective September 8, 2006.

Section 401 Water Quality Certification Program

DATE OF ISSUANCE	STAFF	APPLICANT	PROJECT	ACTION
6/14/06	DC	Los Angeles County Department of Beaches and Harbors	Marina Beach Water Quality Improvement Project	Conditional WQC
6/15/06	DC	Ventura Regional Sanitation District	Toland Road Landfill Detention Basin Project	Conditional WQC
6/20/06	DC	Naval Base Coronado	Military Construction P-493 Operational Access to Shoba Project	Conditional WQC
6/21/06	VC	Naval Base Ventura County	11th Street Bridge Demolition and Removal Project	Conditional WQC
6/29/06	DC	City of Long Beach Department of Public Works	Aqualink Landing at Alamitos Bay Project	Conditional WQC
7/3/06	DC	Ventura County Watershed Protection District	Santa Paula Creek Emergency Bank Protection Project	Modification Conditional WQC

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

Charnock Sub-basin MTBE Cleanup

Attachment A, Table II

PRP #	Site Name	Soil Remediation			Groundwater Remediation				
		TPHg lb	Benzene lb	MTBE lb	TPHg Lb	Benzene lb	MTBE lb	TBA lb	Water million gal
3	Former Arco Station #1578	12,074							
4	Arco Station #1246	60,349	1,071	23					
6	Former Conoco Station	4,973	39.58	0					
7	Former Unocal Station #3016	30,949	86	90	0.8	0.004	1		3.9
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			0.124		0.177
11	Shell Station # 204-1944-0100	5,319	32	107	13,805.4	624.6	2,107.7	699	458
12	Winall #18	14,665	99	1,937					
15	Former Powergas Station	19,779	68	948					
18	Former Shell Station	380	2.4	0.4					
19	Former ARCO Station #5117	10,091	11.5	14.6					
23	Former Thrifty #247	57,200	662.4	785.4					
40	Former Shell Service Station	5,578	79	13					
	Total	241,633	2,260	4,257	14,936	628	2,110	699	515

Closed SLIC Cases

SLIC No.	Site Name	City	NFR Date
	Hydroflight	City of Industry	2/4/05
	Vlasic Foods	City of Industry	3/29/05
	Stainless Steel Products	Burbank	4/12/05
0302F	The Downey Park	City of Downey	10/11/05
0823	K-Mart Plaza Dry Cleaners	Bellflower	10/14/05

Attachment "A". Table III

		Date of Coverage	Date of Revision	Date of Termination
A.	NPDES CAG994004 (Order No. R4-2003-0111) Construction & Project Dewatering			
1.	Calclean, Inc., 10148 Rosecrans Avenue, Bellflower,			7/6/06
2.	G.B. Cooke, Inc. – City of Malibu Civic Center Stormwater Treatment Facility Project, Cross Creek Road & Civic Center Way, Malibu	7/12/06		
3.	Bus Canyon Tributary – Storm Drain Replacement/Expansion Project, 1243 Arcane Street, Simi Valley	7/21/06		
4.	Ventura County Watershed Protection District, Emergency Stream Bank Erosion Control Project, Bridge Road & Ojai Road, Santa Paula	7/27/06		
5.	WL Holmes LLC dba John Laing Holmes – Element Construction Project, 4141 Glencoe Avenue, Marina Del Rey	7/28/06		
6.	Rusnak BMW, 3645 Auto Mall Drive, Thousand Oaks	7/31/06		
B.	NPDES No. CAG994005 (Order No. R4-2003-0108) Potable Water Supply Wells Discharges			
C.	NPDES CAG674001 (Order No. R4-2004-0109) Hydrostatic Test Water			
1	Los Angeles Department of Water and Power, Encino Water Quality Improvement Project, 4500 Encino, Los Angeles,			7/20/06
2.	City of Los Angeles, Department of Water and Power, Hansen Area Water Recycling Project, 1801 Sheldon Street, Sun Valley	7/27/06		
D.	NPDES CAG994003 (Order No. R4-2004-0058) Nonprocess			
1.	Diamond Crest, Diamond Crest Plaza, 11812 South Street, Cerritos	7/14/06		
2	Grifols Biologicals Inc., 555 Valley Boulevard, Los Angeles	7/24/06		
E.	NPDES CAG834001 (Order No.2002-0125) – Cleanup of Petroleum Fuel Pollution			
1.	United Oil Company, Station #65, 300 W. Carson Street, Carson	7/19/06		
2.	Calcean Inc. Former GP Resources Facility, 210 West Main Street, Ventura	7/21/06		
3.	ExxonMobil Oil Corporation, Groundwater Remediation Project for Former Mobil Service Station #11-FRN, 16461 Ventura Boulevard, Encino			7/24/06
F.	NPDES CAG914001(Order No. 2002-0107) – Cleanup of Volatile Organic Compounds Contaminated Groundwater			

Closed Chromium Sites

File No	Facility Name	Operable Unit	Date NFR Sent
104.0604	Janco Corporation	Burbank	25-Feb-05
104.03	Connell Processing Inc. (Former Connell Plating Co. Inc.)	Burbank	16-Mar-05
104.1121	Abbey Event Services (Former: Vlier Engineering Corp.)	Burbank	16-Mar-05
109.0850	Artcraft Plating	Glendale North	16-Mar-05
111.0436	Hawker Pacific Inc. (Flight Accessory Services Division)	North Hollywood	16-Mar-05
111.0599	J. Schwartzman Mfg. & Supply Co.(J.S. Screw Co.)	Glendale North	16-Mar-05
111.2395	Prime Plating	Sun Valley	16-Mar-05
109.0862	Saturn Fasteners, Inc.	Glendale North	22-Mar-05
111.0393	Electromatic Inc.	North Hollywood	23-Mar-05
104.0315	Crane Co.(Hydro-Aire)	Burbank	30-Mar-05
104.1299	Millionaire (Formerly Martin Aviation)	North Hollywood	7-Apr-05
104.0091	American Fine Arts Foundry	Burbank	8-Apr-05
104.1193	Former E.I.Dupont De Nemours & Co. Inc	Burbank	13-Apr-05
111.0092	American Etching	Burbank	13-Apr-05
111.0187	CWH Co (Former Legal Business Inc.)	North Hollywood	13-Apr-05
111.2611	Tektoplate	Non Superfund Area	21-Apr-05
109.0528	Haskel, Inc.	Glendale North	11-May-05
109.0897	Former Burmah Technical Services, Inc.	Glendale North	14-May-05
111.2652	Active Magnetic Inspection, Inc.	Non Superfund Area	14-May-05
104.1169	Shades Of Light (Former KM Records, Inc.)	Burbank	15-May-05
104.0986	Sierracin/Harrison - NFR	Burbank	6-Jul-05
113.1705	Pacific Radiator Sales And Service Inc.	Glendale South	12-Jul-05
113.5240	Sanitek Products, Inc.	Glendale North	12-Jul-05
109.0123	La Sign & Graphics (Former Artcraft Plating)	Glendale North	20-Jul-05
109.0885	Former Fiber Resin Corp.	Glendale North	3-Aug-05
111.2583	Alpha Medical Resources;(Former: Burbank Aircraft Supply Inc.)	Burbank	3-Aug-05
113.0949	California Offset Printers (Former Accurate Dial, Inc.)	Glendale South	3-Aug-05
109.6262	Former Access Controls Inc.	Glendale North	6-Aug-05
104.0472	Former Meggitt Aerospace	Burbank	16-Aug-05
109.0480	Nulab, Inc. (Former Ta Mfg. Co.)	Glendale North	16-Aug-05
112.5663	Mc Millin Wire & Manufacturing, Inc.	Polluck	16-Aug-05
104.0211	Buildit Engineering	Burbank	9-Sep-05
109.0696	Former Glendale Federal Bank	Glendale North	12-Sep-05
109.0671	GCG Precision Metal Finishing	Glendale North	16-Sep-05
112.5645	Valley Plating, Inc.	Polluck	16-Sep-05
113.5455	Pacer Performance Products, Inc.	Glendale South	16-Sep-05
109.6173	Sun Art Plating Co.	Glendale North	7-Oct-05

Note : NFR: No Further Requirements

Total Number of Sites = 37