

California Regional Water Quality Control Board
Los Angeles Region

Executive Officer's Report
Dennis A. Dickerson, Executive Officer

April 3, 2003

INSIDE THIS REPORT:

Groundwater Division	1
Enforcement	1
Storm Water	2
Remediation	4
Underground Storage Tanks	4
Regional Programs	6
Watershed/Coastal Water	7
Outreach Activities	12

Interested in receiving this report electronically? Go to the Los Angeles Regional Water Control Board website: www.swrcb.ca.gov/rwqcb4/ click on "Contact Us" and select E-mail Subscription. On the Mailing List Subscription Form under Mailing List select "Board Meeting Short Form Agenda". You will be automatically added to the subscriber list for future copies of the Executive Officer's Report.

Enforcement & Groundwater Permitting

Self Monitoring Reports

Enforcement Staff

Staff reviewed 49 Self-Monitoring Reports submitted by NPDES permit holders since February 20, 2003.

Notices Of Violation – NPDES DMRs

Enforcement Staff

The Executive Officer issued Notices of Violation and Requirements to Submit information to 8 facilities for failing to comply with provisions of Waste Discharge Requirements included as part of their NPDES Permits. Enforcement staff identified these violations as part of the NPDES discharger monitoring report review process.

NPDES Facility Inspections

Jesus Plasencia and Jose Morales

Enforcement Unit NPDES inspectors conducted 14 level A (*samples taken*) inspections and 10 level B (*routine non-sampling*) inspection of facilities with NPDES Permits since February 20, 2003. Inspection of these facilities is a required part of the NPDES program.

Environmental Crimes Task Forces

Enforcement Staff

Staff continued to participate in the USEPA, LA County, Ventura County and the City of LA Environmental Crimes Task Force meetings. Staff also participated in a warrant inspection at two wastewater treatment plants in Ventura County in conjunction with the United States Attorney, the Ventura County District Attorney, the USEPA, the State w

Waste Discharge Requirement Program

(Non Chapter 15)

Malibu Beach Inn

Gary Schultz

Malibu Beach Inn, Inc. (hereinafter Discharger) owns and operates the Malibu Beach Inn (MBI), a 47-room hotel located at 22878 Pacific Coast Highway, Malibu, California. MBI opened in June 1989. The on-site wastewater treatment system has been installed and modified since it originally opened in 1989. The Discharger has indicated that the existing treatment/disposal system for MBI can handle peak flows to 12,000 gallons per day (gpd).

On April 18, 2002, the Discharger submitted a report of waste discharge pursuant to a request from the Regional Board. The Discharger has never had Waste Discharge Requirements (WDRs) from the Regional Board for MBI.

Tentative Waste Discharge Requirements (WDR) and an accompanying Time Schedule Order (TSO) for MBI were circulated and presented to the Board at the March 13, 2003 Board meeting. The Regional Board considered all factors and adopted Order No. R4-2003-0047 for WDR and Order No. R4-2003-0048 for TSO.

General Waste Discharge Requirements (WDRs) for Village Church

Toni Callaway

The Village Church facility is located in Placerita Canyon, in the community of Newhall.

Village Church proposed to replace the existing, pre-1960 septic tank and leach field with a new 3000-gallon septic tank and a 85 foot long leach field system. An estimated average of 200 gpd. of domestic wastes will be discharged to an on-site sewage disposal system. The new building replaces existing temporary, modular classrooms adjacent to the Chapel.

Board staff reviewed a Waste Discharge Requirements application for Village Church, and determined that the proposed discharge meets the conditions specified in Order No. 01-031, "*General Waste Discharge Requirements for Small Commercial and Multifamily Residential Subsurface Sewage Disposal Systems.*" The case was enrolled under Order No. 01-031 on March 6, 2003.

General Waste Discharge Requirements (WDRs) for World Oil Marketing Company

David Koo

World Oil Marketing Company (Discharger) operates World Oil Station No. 65 (Station) located in West Hollywood, California. In April 1996, the Discharger reported that groundwater beneath the Station has been contaminated with benzene, toluene, ethyl benzene, xylene and methyl tertiary butyl ether (MTBE). The Discharger proposes to re-inject treated water from a groundwater system using granular activated carbon back into the shallow aquifer. On February 5, 2003, Regional Board staff approved the proposed groundwater treatment system.

Regional Board staff has reviewed the information provided and has determined that the proposed discharge meets the conditions specified in Order No. R4-2002-0030, "*General Waste Discharge Requirements for Groundwater Remediation at Petroleum Hydrocarbon Fuel and/or Volatile Organic Compound Impacted Sites.*" The case was enrolled under Order No R4-2002-0030 on March 10, 2003.

WDR Facility Inspections

Non-Chapter 15 Unit staff

Non-Chapter 15 Unit staff conducted one site inspection related to WDR Permit. Inspection of the facility is a required part of the WDR program.

Self Monitoring Reports

Non-Chapter 15 Unit staff

In March 2003, staff reviewed a total of 35 Self-Monitoring Reports submitted by WDR permit holders.

Monthly Enforcement Summary

A summary listing the Monthly Enforcement actions has been included with this report as Attachment "C".

Landfills Unit

Emergent Chemical Monitoring

On March 6, 2003, Regional Board staff sent letters to ten operating municipal solid waste landfills directing them to monitor for emergent chemicals in their next regularly scheduled monitoring event. The results are to be submitted by September 4, 2003.

Outputs

Since March 13, 2003, staff of the Landfills Unit issued one general Waste Discharge requirement, one Notice of Violation, and conducted six inspections.

Storm Water Section

MS4 Inland /San Gabriel Unit

Construction and Industrial – Inspection Update

Wendy Phillips

The Storm Water Section is modifying its inspection strategy for 2002-03. Rather than conduct a target of 1,000 compliance inspections based on a region-wide risk assessment, staff will be focusing inspection efforts on:

- Cleaning up Sun Valley;
- Continuing enforcement follow-up for SWPPP (Storm Water Pollution Prevention Plans) and BMP (Best Management Practices) violations that remain uncorrected; and
- Enforcement follow-up on permittees with delinquent annual fees.

For the first half of 2002/03, staff completed a total of 1073 inspections, as tabulated below.

Type of Inspection	Ventura/ N LA Co Unit	LA Co Inland Unit
Compliance	217	193
Enforcement follow-up	105	88
Complaint response	4	12
NOT verification	106	182
Others + Non-filers	64	102
<u>TOTAL</u>	496	577

Linear Construction Proposed Construction Permit

Sean Lee

State Water Resources Control Board is proposing to issue a separate General Construction Permit for storm water discharges associated with small linear construction projects (1-5 acres). This permit will be limited to linear projects for above and below ground utility lines and will cover only utility companies. In this permit, one NOI will serve for multiple projects, with each project individually filing a Notice of Construction. A preliminary draft may be available by the end of March, and a final draft may be available for public notice by April 4, 2003. The SWRCB will present the permit to the Board for their consideration on May 21, 2003.

Municipal - Los Angeles County MS4 Permit, Delinquent Fees

Carlos Urrunaga

The State Water Resources Control Board (State Board) adopted Resolution 2002-0150 on October 3, 2002, which revised fee schedules contained in Title 23, Division 3, Chapter 9, Article 1, Section 2200 of the California Code of Regulations. The changes in the fee schedule affect the fees that each Permittee under an areawide municipal storm water permit must pay.

On February 27, 2003, the State Board notified Regional Board staff that 4 of the 85 permittees under the LA County MS4 permit had not yet paid their annual fees which were due in the fourth quarter of 2002.

Regional Board staff notified all delinquent cities promptly via e-mail the same day. Four cities are delinquent: City of Azusa (\$2,500); City of Cudahy (\$1,500); City of South El Monte (\$1,500); and the City of Pomona (\$6,250). The cities of Azusa; Cudahy; Pomona; and South El Monte are currently processing fees for payment.

Small MS4 Permit Update

Michael Yang, PE

The State Board is expected to release the fourth draft of the Small MS4 Permit for public review and comment during the second week of March 2003. It is expected that the State Board will consider adoption of the Small MS4 Permit at its April 30th meeting. Important changes from the third draft include, (i) a decision not to designate non-traditional small MS4s but rather leave it to the Regional Board's Executive Officers to designate the listed entities in writing. After such designation, the entity will have 180 days to submit an application (completed and signed Notice of Intent form, a complete Storm Water Management Plan and the appropriate fee); (ii) establishment of a procedure for Storm Water Management Plan evaluation and approval. Once a complete application is received and reviewed by Regional Board staff, it will be posted on the State Board website for a minimum of thirty days for public review and comment. During this review period, any member of the public (including the permittee) may request a public hearing.

Municipal – LA County MS4 Permit Administrative Record for Court

Dan Radulescu P.E.

Regional Board staff is preparing the LA County MS4 Permit administrative record to be filed with Superior Court for Los Angeles County in mid-April. The record consists of letters, comments, documents staff relied during permit drafting, and a supporting library of engineering manuals, handbooks, research articles on storm water quality, economic analysis papers and other historical documentation. Staff is working closely with deputy attorneys from the Attorney General's Office and Regional Board Counsel in preparing the record.

Underground Storage Tank Program

Charnock Sub-basin MTBE Investigation

Weixing Tong/Jay Huang

Introduction: The Charnock Sub-Basin Investigation Area is located in the Central Groundwater Basin of the Los Angeles Coastal Plain. During March 1996, MTBE concentrations up to 610 µg/L was detected in the City of Santa Monica (CSM) wells, consequently in June 1996, the CSM shut down its five production wells. The Southern California Water Company (SCWC) has a wellfield adjacent to the CSM wellfield and shut down its two production wells in October 1996, to avoid drawing in MTBE pollution. No MTBE was ever detected in the SCWC production wells. During April 1997, the Regional Board and USEPA (jointly the "Agencies") signed a Memorandum of Understanding (MOU) to deal with the MTBE pollution problem affecting both the CSM and SCWC wellfields (collectively "Charnock Wellfields"). Pursuant to the MOU, the Agencies identified 48 potential responsible party sites (PRP sites) within one and one quarter mile radius of the wellfields (Charnock Sub-Basin Investigation Area). Based upon record search, 32 potential source sites were required to perform a preliminary investigation to determine the potential of soil and groundwater contamination. At present, there are 27 active sites in the Charnock Sub-Basin Investigation Area. Of the 27 active sites, additional site assessment work is required at 13 sites. Groundwater monitoring is being performed at all 27 sites. Remedial action workplans for the soil and/or groundwater have been approved for a total of 9 sites. On April 8, 2002, Agencies sent out a letter specifying criteria for reduction of groundwater monitoring program for those sites where no further cleanup is warranted and data is sufficient. The decision of reducing groundwater monitoring will be made on a site by site basis. In May through July 2002, three PRP sites (Sites #16, #20, and #37) were granted a reduction of groundwater monitoring and another PRP site (Site #29) was granted for closure, respectively. Currently, evaluation of site-specific information is ongoing to other sites where the reduction of monitoring is warranted.

Site Specific Cleanup: Site specific cleanup technologies include air stripper, granular activated carbon adsorption, advanced oxidation process, and soil vapor extraction. The following are the current status of site-specific cleanup activities:

PRP Site No. 4 (ARCO): Implement soil vapor extraction. To date approximately 55,822 pounds of total

petroleum hydrocarbons have been removed from beneath the site.

PRP Site No. 6 (Conoco): Voluntary onsite soil excavation has been completed, total of 402 large diameter borings advanced to the approximately depth of 45 feet. Voluntary offsite vapor extraction system, consisting of 10 SVE wells, for soil cleanup has been installed and is in operation.

PRP Site No. 7 (Unocal): Implement soil vapor extraction. To date approximately 21,037 pounds of total petroleum hydrocarbons have been removed from beneath the site. A remedial action plan has been approved to clean up the contaminated groundwater beneath the site. A two-month groundwater remediation test has been completed at the site. The Agencies have issued a directive letter requiring more aggressive remediation for the contaminated groundwater. Unocal has submitted an addendum to groundwater remediation workplan proposing installation of a groundwater pump-and-treat system. The workplan has been approved and the groundwater treatment system is under construction. A general NPDES permit has been issued by the Regional Board to Unocal for discharging treated groundwater to the storm drain.

PRP Site No. 8 (Mobil): Implement soil vapor extraction and groundwater pump and treat system. To date approximately 305 pounds of MTBE, 85 pounds of benzene, and 14,313 pounds of petroleum hydrocarbons have been removed by soil vapor extraction. Since November 1999, approximately 41 million gallons of groundwater have been pumped, treated and discharged under an NPDES permit. Approximately 1,078 pounds of petroleum hydrocarbons have been removed from groundwater underneath the site. A workplan for soil vapor extraction rebound test to conclude soil cleanup was approved and soon to be implemented.

PRP Site No. 10 (Chevron): Implement soil vapor extraction and groundwater extraction system. A vapor and groundwater extraction system (VEGE) has been installed and operated at the site. To date approximately 4,972 pounds of petroleum hydrocarbons, 33.3 pounds of MTBE, 10.7 pounds of benzene have been removed by soil vapor extraction.

PRP Site No. 11 (Shell): Implement soil vapor extraction and onsite and offsite groundwater pump and treat system. A groundwater pump and treat is used to recover polluted groundwater and is then treated using an air stripper to remove MTBE followed by advanced oxidation process to remove TBA. To date approximately 192 million gallons of groundwater have been treated and discharged under an NPDES permit. Since the inception of the remediation system, 10,847 pounds of total petroleum hydrocarbons, 544 pounds of benzene and 1,781 pounds of MTBE have been removed from the site. The system influent concentrations for MTBE have decreased from 19,000 µg/L in November

1999, to 130 µg/L in January 2003. The soil vapor extraction system has been operated since September 2000. To date approximately 105.4 pounds of MTBE, 30.2 pounds of benzene, and 3,996 pounds of petroleum hydrocarbons have been removed by soil vapor extraction. In December 2002, Shell voluntarily conducted remedial soil excavation in an area where MTBE release was confirmed related to two product pipelines during the enhanced leak testing required by SB 989. The fieldwork was completed and a report will be submitted within 45 days.

PRP Site No. 12 (Winall Oil): Implement soil vapor extraction. A soil vapor extraction system has been operating since May 2000, and has removed as of January 2002, 14,309 pounds of petroleum hydrocarbons, 96 pounds of benzene, and 1,869 pounds of MTBE. The system has been shut down for additional rebound testing.

PRP Site No. 15 (Powergas): Implement soil vapor extraction. A soil vapor extraction system has been operating since June 2002, and has removed (as of December 2002) 14,198 pounds of petroleum hydrocarbons, 59 pounds of benzene, and 878 pounds of MTBE.

PRP Site No. 23 (Chevron-Thrifty-Best): Chevron-Thrifty-Best have completed 14-offsite groundwater monitoring well clusters between the site and the Charnock Wellfield. Chevron-Thrifty-Best also completed installation of three additional step-out groundwater monitoring well clusters along the Sawtelle Boulevard. Chevron-Thrifty-Best completed tank removal and excavation of contaminated soil onsite and installation of a dual-phase vapor/groundwater extraction system to cleanup onsite and offsite vadose zone and shallow groundwater contamination, including free product removal. The system is connected to 69 vapor extraction wells. The cleanup system has been in operation since May 2002. As of January 29, 2003, the cumulative amounts of MTBE, benzene and hydrocarbon removed since startup are 709.5 pounds, 620.8 pounds and 47,441 pounds, respectively.

Charnock Sub-basin Regional Approach: On the Charnock Sub-basin regional issues, the Regional Board and Shell have entered into a Stipulated Agreement containing a specified Scope of Work (SOW) to perform regional investigation and analysis of alternatives for both Interim Water Replacement and Interim Regional Response Actions. The Regional Board members at the August 31, 2000, meeting approved the Stipulated Agreement. As part of this investigation, a number of groundwater monitoring wells have been installed into the Upper Silverado Aquifer and Shallow Unnamed Aquifer to aid in determining plume source(s) and characteristics, and to perform periodic groundwater monitoring. This work requires development of a basin-wide flow model, development a GIS database, evaluate

alternative drinking water sources within the Charnock Sub-Basin, evaluate methods of treating polluted groundwater, restoring the Charnock Sub-Basin Investigation Area to its full beneficial use, and provide a community relations plan. The work specified in the SOW is a necessary step to restore the drinking water supply at the Charnock Wellfields. Per the agreement, Shell's consultant has completed the fieldwork as specified in the scope of work. On November 19, 2001, the final reports for regional investigation results and recommendations for selection of remedy were submitted. Regional Board and USEPA staff have evaluated the reports and also considered comments from impacted parties and other Charnock PRPs. On March 18, 2002, with Regional Board's concurrence, USEPA issued a draft scope of work for the second phase of Charnock Initial Regional Response Activities (CIRRA2) to all PRPs. The draft CIRRA2 SOW outlines requirements mainly for rapid remediation of the Venice and Sepulveda area, and implementation of a full-scale remediation test in an area of high levels of MTBE. On July 12, 2002, the City of Santa Monica entered a draft settlement with two Charnock PRPs, Chevron/Texaco and ExxonMobil. The settlement stipulated the two responsible parties to fund construction of a wellhead treatment facility for the MTBE-impacted Charnock wellfields. On November 6, 2002, Chevron/Texaco and ExxonMobil, joined by Thrifty Oil Company and Best California Gas, Ltd., filed a "Good Faith Settlement" motion to the court. Currently, the settlement is pending on court action. On January 14, 2003, USEPA issued a letter to City of Santa Monica, Shell Oil Company, ChevronTexaco Corporation and ExxonMobil Corporation to reach a settlement related to regional remediation by March 31, 2003. An USEPA enforcement action will follow if the agreement cannot be reached by the impacted party and PRPs. Orders including a hot spot cleanup Order and wellhead treatment will be issued. Regional Board issued a letter of support for USEPA's positions on the same date.

Arcadia Wellfield Restoration from MTBE Contamination

Jay Huang

The Arcadia wellfield was impacted by the release of gasoline containing MTBE from the adjacent Mobil service station 18-LDM. Arcadia Well No. 5 was shut down by the City on August 27, 1996. The highest concentration of MTBE detected in this well was 86.5 µg/L. Arcadia Well No. 4 was shut down by the City on October 17, 1996. The highest concentration of MTBE detected in this well was 19.6 µg/L. On January 7, 1998, Regional Board issued a Cleanup and Abatement Order 98-001 to Mobil Oil Corporation. Three aquifers were impacted by MTBE contamination in the vicinity of

Arcadia Wellfield. Two groundwater aquifers, the shallow aquifer and the production aquifer are located north of the Brentwood fault; the lower aquifer is located south of the fault. The shallow aquifer and lower aquifer in the vicinity of the former Mobil Station 18-LDM have been treated with a pump and treat system since October 1997. Currently approximately 17 gallons per minute (GPM) of groundwater are being pumped from 18 groundwater extraction wells of the shallow and lower aquifers and treated at the Mobil facility. As of January 22, 2003, the treatment system has pumped 37.2 million gallons of groundwater and removed an estimated amount of 83.4 pounds of TPH and 216.6 pounds of MTBE. The current average MTBE concentrations in the shallow aquifer and lower aquifer influent are 20 µg/L and 18 µg/L, respectively, in January 22, 2003. The impacted soil in the vadose zone has been treated with a vapor extraction system (VES). The cumulative VOC mass removed is 13,145 pounds since May 1999. The VES has been shutdown since December 2001 due to low influent concentrations.

A Production Aquifer Remediation System (PARS) using activated carbon filtering to clean up the production aquifer has been in operation since May 17, 2000. Currently groundwater from Arcadia Wells Nos. 4 and 5 is being pumped at 300 GPM and connected to City of Santa Monica's treatment and distribution system. To date (January 31, 2003), PARS has pumped approximately 401.08 million gallons of groundwater and removed 0.51 pounds of MTBE. The average daily influent concentration of MTBE was less than 0.5 µg/L.

On May 15, 2002, CDHS issued a domestic water supply permit amendment to the City of Santa Monica (CSM) allowing CSM to pump and treat the groundwater from Arcadia wells #4 and #5 for domestic use. CSM has resumed its distribution of treated groundwater water extracted from the Arcadia Wellfield to the residents of CSM since May 23, 2002. Up to this point, the Arcadia Wellfield restoration project is considered to be complete. The restoration of drinking water aquifer and resumption of groundwater production at the Arcadia Wellfield takes approximately six years.

Completion of Corrective Action at Leaking Underground Fuel Storage Tank Sites

Regional Board staff have reviewed corrective actions taken for soil and/or groundwater contamination problems from leaking underground storage tanks for the time of **February 24, 2003** through **March 12, 2003**, and determined that no further corrective actions are required:

- Former Texaco Station, Van Nuys (914110943)
- Chevron Service Station #9-2170, Montebello (I-11122)

SURFACE WATER DIVISION

Regional Programs

Standards and Total Maximum Daily Loads (TMDLs)

Malibu Creek Nutrient and Coliform TMDLs

Rod Collins

The United States Environmental Protection Agency (EPA) established TMDLs for Coliform and Nutrients for several waterbodies in the Malibu Creek watershed on Friday, March 21, 2003, in fulfillment of the federal consent decree schedule. The TMDL establishes significant reductions in loadings from septic systems and other nonpoint sources and an approximate 45% reduction in nitrogen loadings from the Tapia Wastewater Reclamation Facility. Regional Board staff worked with EPA contractor, Tetra Tech, during the past two years to quantify the current loadings and total maximum daily loads. In addition, Regional Board staff have contracted on-going studies with the Southern California Coastal Water Research Project, the University of California, Santa Barbara, and the University of California Los Angeles to provide additional information on the linkage between excessive algal growth and nutrients. Depending on the results of these studies, Regional Board staff may draft modified TMDLs in the future or alternatively, develop implementation plans based on the EPA TMDLs.

EPA issued the draft TMDLs for public comments on January 10, 2003, and accepted comments until February 11, 2003. A public workshop on the TMDLs was hosted by the Malibu Creek Watershed Advisory Council on February 4, 2003. Terrence Fleming of the EPA Region IX Offices in San Francisco conducted the workshop.

Representatives from environmental groups, public agencies, and private organizations were given the opportunity to discuss issues and concerns related to the proposed TMDLs.

Workshop on Stakeholder-Led Studies in Support of TMDLs and Water Quality Standards

Renee Purdy DeShazo

The TMDL Strategy, released jointly by the Regional Board, State Board and USEPA in December 2002, outlines the concept of stakeholder-led technical studies in support of TMDLs and revisions of water quality standards. Regional Board staff held a workshop on

March 20th to further discuss with interested stakeholders the criteria and process by which stakeholders may assume lead responsibility for completing these technical studies. The workshop was well attended and stakeholders expressed interest in taking the lead for a number of projects. Following up on this meeting, Regional Board staff will meet individually with interested stakeholders to discuss these projects in more detail.

For more information contact Renee Purdy DeShazo at: 213-576-666783.

Santa Monica Bay Beaches Wet Weather Bacteria TMDL

Renee Purdy DeShazo

The State Board held a public workshop on March 4th to solicit comments on the Santa Monica Bay Beaches Wet Weather TMDL. Regional Board Chair Susan Cloke addressed the State Board, emphasizing the importance and multiple benefits of this TMDL to the Region. Four other agencies addressed the State Board, all in general support of the TMDL. The State Board approved the TMDL at its March 19th meeting. Shortly, State Board will forward the TMDL to the Office of Administrative Law for review.

Calleguas Creek Nutrient TMDL

The State Board held a public workshop on March 4th to solicit comments on the Calleguas Creek Nutrient TMDL. No comments were received and the item was placed on the consent calendar for the March 19th meeting, and the State Board subsequently approved the TMDL on March 19th. The State Board will forward the TMDL to the Office of Administrative Law for review.

Upper Santa Clara River Chloride TMDL

On February 19, 2003, the State Board remanded the Upper Santa Clara River Chloride TMDL that was adopted by the Regional Board on October 24, 2003. The remand directed the Regional Board to consider several issues regarding implementation of the Santa Clara Chloride TMDL. These issues included rescheduling the implementation tasks so that they can be completed sequentially, extending the discharger's interim chloride effluent limits, reconsidering the trigger for supplying alternative water to agricultural diverters, and integration of the chloride TMDL with other TMDLs scheduled for the Santa Clara River. Staff is currently preparing a report evaluating options for addressing the State Board remand and the Regional Board has tentatively scheduled this matter for consideration in June 2003. Please contact Elizabeth Erickson (213) 576-

6683.

Calleguas Creek Stakeholder TMDL Work Plans

Calleguas Creek stakeholders submitted five TMDL Work Plans to address impairments of Calleguas Creek by salts, toxicity, metals and PCBs, historic pesticides, and bacteria in January, 2003. Regional Board staff reviewed these Work Plans and met with stakeholder representatives to discuss Regional Board comments. Please contact Samuel Unger (213-576-6784).

McGrath Coliform TMDL

The Santa Clara River Estuary Beach/Surfers' Knoll, McGrath State Beach, and Mandalay Beach Coliform and Beach Closures TMDL (TMDL) has been sent to most affected parties. This TMDL will be implemented using a Cleanup and Abatement Order (CAO) to reduce coliforms from the total coliform source to McGrath Beach, which is McGrath Lake. The complete TMDL staff report and CAO are posted on the web. As this TMDL will require only regulatory action, this TMDL will not be a Basin Plan Amendment and will not require Board approval.

Notice for this meeting and the TMDL and CAO is posted on the Regional Board's web site. Regional Board staff have received and responded to comments. The complete TMDL and CAO are currently in management review. Contact Lisa Carlson at 213-576-6785 for further information.

Los Angeles Harbor Beaches TMDL

The Los Angeles Harbor Main Channel, Fish Harbor, breakwater, and Cabrillo Beach (Inner) Los Angeles Harbor Beaches are listed for impairment from beach closures. The Consent Decree between Heal the Bay, et al. and the US EPA requires this TMDL to be completed by March 2004. Currently, staff is researching data, which listed this site for beach closures, additional and more current data, and for coliform, or other data, which may have an effect on this TMDL. Contact Lisa Carlson at 213-576-6785 for further information on this TMDL.

Watershed Management

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, and Public Outreach/Education.

Subcommittees generally meet monthly or bimonthly. The group as a whole has begun review of an internal working draft of a watershed management plan.

Information about the management committee and its subcommittees can be found at

<http://www.calleguas.com/ccbrochure/cc.htm>.

The Executive Steering Committee last met on March 12, 2003, and discussed an internal draft of the Management Plan.

The Water Quality/Water Resources Subcommittee is closely involved with the Board's TMDLs in the watershed. A public review draft of the Calleguas Creek Nutrient TMDL report can be found at

<http://www.calleguas.com/ccbrochure/cc.htm>. The subcommittee is also working on identification of surface and groundwater quality/quantity issues, determination of the feasibility of a regional salinity management project, and evaluation of candidate cooperative local programs for managing the use and re-use of water. The group last met separately on September 17, 2002, to discuss a Regional Management Plan to address surface water impairments as well as get an update on the South Las Posas Recharge Study and the Regional Salinity Management Project. Subcommittee members attended a joint subcommittee meeting on February 6, 2003.

The Flood Protection/Sedimentation Subcommittee is responsible for developing a hydrologic computer model to simulate various conditions in the Watershed, developing a runoff management strategy to establish standards to reduce runoff amounts, establishing uniform hydrologic criteria and methodology, identifying deficiencies in existing and potential for future flood and sediment control facilities, developing a plan for flood water conservation/re-use, and addressing beach nourishment issues. Subcommittee members attended a joint subcommittee meeting on February 6, 2003, and met separately on March 10.

The Public Outreach/Education Subcommittee last met on October 23, 2002, and will be involved with organization of a stakeholder outreach program to be implemented in the upcoming months. Subcommittee members attended a joint subcommittee meeting on February 6, 2003.

A Land Use Subcommittee includes representatives from

local planning agencies. The collection and utilization of land use data (GIS-based) continues to be a major task of the group as well as taking the lead on coordinating implementation of proposed management plan action recommendations. Subcommittee members attended a joint subcommittee meeting on February 6, 2003, and met separately on March 11.

The Habitat/Recreation Subcommittee last met on March 11, 2003. Subcommittee members also attended a joint subcommittee meeting on February 6, 2003. The group has completed Geographic Information Systems (GIS) habitat mapping of the Watershed, and developed a Watershed Evaluation Study identifying conflict and opportunity areas for habitat restoration and conservation. The subcommittee is also developing a habitat management strategy and restoration guidelines, a focused trails plan and a model for feasibility evaluation of proposed wetland restoration projects. A previous work product, funded by the California Coastal Conservancy, is the Watershed Wetlands Restoration Plan. Prioritization of sites identified in the Restoration Plan will be the next step. A consultant is working on this and has thus far developed three modules, which pertain to different aspects of the restoration planning and implementation process. These three modules include 1) criteria to evaluate the overall health of the watershed where the potential restoration site is located, 2) the current and potential ecological benefits the restoration would provide, and 3) the logistical constraints in restoring the site. Another consultant is developing a trails and open space map. The Watershed Evaluation Study and Wetlands Restoration Plan are available at <http://www.calleguas.com/ccbrochure/cc.htm>.

An Agricultural Subcommittee has been formed recently.

Los Angeles River Watershed

The Los Angeles and San Gabriel Rivers Watershed Council meets on the third Wednesday of each month. The Watershed Council is a consortium of government agencies, community and environmental groups, business and academia who organized both 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 Council's website is at <http://www.lasgrwc.org>.

The Watershed Council has published a document entitled, "Beneficial Uses of the Los Angeles and San Gabriel Rivers." Copies may be obtained by contacting the Watershed Council's offices at 213-367-4111. The Watershed Council is also producing a document entitled, "Water Supply and Management in the Los Angeles Area" which is currently being circulated as a draft for public comment.

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/>.

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/>.

San Gabriel River Watershed

A "State of the Watershed" report is available for the San Gabriel River Watershed that 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@rb4.swrcb.ca.gov. The report can also be downloaded in its entirety by accessing the Regional Board's website at <http://www.swrcb.ca.gov/rwqcb4> 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.

There are ongoing meetings being held for planning of a San Gabriel River Education Center which may be built in the Whittier Narrows area. Meetings are held on the third Tuesday of each month at 3:00 PM at the Upper San Gabriel Valley Municipal Water District offices.

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. The National Park Service through its Rivers, Trails, and Conservation Assistance Program will assist in the development effort. All river stakeholders have been invited to participate. The Master Plan will be a consensus-based document that will recognize and address River issues and concerns of the stakeholders. It will include 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 will identify 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 be coordinated with the activities of the San Gabriel and Lower Los Angeles Rivers and Mountain Conservancy. A consultant is preparing the document, with stakeholder input, and it is expected to be ready for approval by the end of 2003 with a draft available by August/September. Information on the Master Plan effort may be found at <http://ladpw.org/pln/sgrmp/>. A new website dedicated to all aspects of the Master Plan is in development.

The San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy has 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 of the State of California established by state 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. Approaches for implementation of the Open Space Plan are now under discussion.

The Friends of the San Gabriel River is an active stakeholder in the watershed and their website is at <http://www.sangabrielriver.org/>.

Ventura River Watershed

A "State of the Watershed" report for the Ventura River Watershed has recently been finalized by Regional Board staff. 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@rb4.swrcb.ca.gov. The report can also be downloaded in its entirety by accessing the Regional Board's website at <http://www.swrcb.ca.gov/rwqcb4> 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.

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 that will evaluate, among other options, the feasibility of restoring the ecosystem through removal of Matilija Dam. More information 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 Monica Bay Watershed Management Area – Malibu Creek Watershed

The Malibu Creek Watershed Executive and Advisory 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 Watershed Council last met on February 4, 2003 and included a report on subcommittee activities. Also included was a presentation by USEPA on the soon-to-be-released nutrient and bacteria TMDLs for Malibu Creek. The Council's next meeting is scheduled for April 8. Minutes from previous 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 technical advisory group last met on August 23, 2002.

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 follow-up to the Topanga Canyon Floodplain Management Citizens' Advisory Committee that 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 committee last met on February and included a workshop on erosion control and slope stabilization using native plants. The group's next meeting is scheduled for March 13. Their website address is <http://www.TopangaOnline.com/twc/>.

The group's Technical and Landowners Advisory Committee provides oversight for watershed restoration studies that will help develop design parameters for possible restoration of the Topanga Lagoon and select stretches of the creek. A finalized restoration feasibility study was released in 2002. A consultant is now conducting engineering design work for the highest priority restoration activities identified in the study. The Committee last met on September 23, 2002, to finalize details of the work. The group is scheduled to meet again on March 20, 2003.

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 meets on a monthly basis to conduct a variety of tasks including development of a Watershed Management Master Plan aimed at protecting and improving the environment and beneficial uses of the watershed. Proposition 13 funding (\$200,000) was approved by the State Water Resources Control Board for the LA County Department of Public Works to work on a watershed plan. Many members of the group are interested in participating in Regional Board TMDL work in the watershed. Subcommittees have been formed to address detailed technical issues. Meetings are generally held on the first Wednesday of each month. Four public workshops were held on January 23 and 29 to introduce the watershed's communities to this ongoing work and solicit input. The group's website is at <http://ladpw.org/wmd/watershed/dc/>.

A Harbor Regional Park Task Force was formed and began meeting in October 2002, led by the City of Los Angeles' Department of Recreation and Parks, to address various issues affecting the park (which includes Machado Lake) including concerns over water quality, mosquitoes, and wildlife, among others. Five subcommittees were formed to focus on certain areas: capital improvements, water, education, vegetation management, and security and enforcement. A website for the group is being developed.

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 committees 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.

The WRP has also established a panel of scientists to advise on regional goals, specific objectives, project criteria, and priorities. Governing Board meetings are public and are noticed at least 10 days prior to each meeting. If you sign up on the [Wetlands Project email list](#), you will receive email notification of all board meetings.

County Task Forces help solicit projects for consideration for WRP funding by the Managers Group and Board of Governors. The WRP is currently seeking applications for funding through its grants program. Applications are due May 15. 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 that 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.

Minutes from previous meetings and other information about the group, including how to obtain funding, may be found on their website at <http://www.coastalconservancy.ca.gov/scwrp/index.html>.

Watershed Management Initiative Chapter

Each Regional Board has updated a "chapter" on an annual basis, which describes the Region's watersheds and their priority water quality issues. The last update occurred at

the end of December 2001. 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. Hardcopies of this Region's current Chapter (as well as Appendices) may be obtained by contacting the Regional Board office, Regional Programs Section secretary, at 213-576-6619. The updated document may also be obtained electronically (in MSWord97) by contacting Shirley Birosik, Watershed Coordinator, at 213-576-6679 or sbirosik@rb4.swrcb.ca.gov. It can also be downloaded in its entirety by accessing the Regional Board's website at <http://www.swrcb.ca.gov/rwqcb4> and clicking on "Watersheds" on the left sidebar. 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 Regional Board website under "Watersheds" at <http://www.swrcb.ca.gov/rwqcb4> in the "Related Links" pull-down menu.

Proposition 13 Funding: A release date for the Phase III RFP has not been finalized. The State Board's website at <http://www.swrcb.ca.gov/> should be checked for the status of its release.

Clean Water Act Section 319(h) and 205(j) Funding: 319(h) grants are for management of nonpoint source pollution while 205(j) grants are for planning and assessment purposes. A release date for this year's RFP has not been finalized. The State Board's website at <http://www.swrcb.ca.gov/> should be checked for the status of its release.

General NPDES Permits

A list of General NPDES Permit Authorization/Revisions and Terminations for February 2003 can be found on "Attachment B".

Personnel Report

As of March 13, 2003 our staff total is 160: 140 technical staff (including 4 part-time staff), 9 permanent analytical staff and 11 permanent clerical staff.

The Governor's freeze on new appointments remains in effect.

Student Interns

Patricia K. Garcia

Chrissie Lyn Layug has been recently recruited as a student intern for the Storm Water Unit. Chrissie attends school at Los Angeles Community College where she is working towards an Associate in Arts degree in Business Administration.

TMDL Training Academy 2003

Staff attended the 2003 TMDL Training Academy in San Diego on March 13 and 14. The TMDL Round Table presented the symposium, with representatives from the nine regional boards and the State Board. Several Regional Board staff members made presentations at the symposium. All of the presentations were well received, and the symposium provided an excellent opportunity to network and share experiences with other Regional Board TMDL staffs.

Outreach Activities

Laurie B. Nye (L.B. Nye) - Military Service, Kuwait

L.B. Nye, one of our staff marine biologists working in the NPDES Section and in TMDLs, is currently on active duty in Kuwait protecting the interests of her country. She is a Lieutenant Commander in the Coast Guard reserve and is stationed in an Army Camp inspecting the ports. She gets to work with people from all different units and branches of the military. Our thoughts are with her and we wish her a speedy return home.

Program Class "Maj." - Comprehensive inspection, samples taken (A)

Program Class "Min." - A routine non-sampling inspection (B)

Enforcement Unit NPDES Facility Inspections – February/March 2003

<u>Discharger</u>	<u>Facility Name</u>	<u>CI No.</u>	<u>Order No</u>	<u>Program Class</u>	<u>Address</u>	<u>City</u>	<u>NPDES No</u>	<u>Inspection Date</u>
Cenco Refining Co.	Santa Fe Springs Refinery	6154	00-068	MAJ	12345 Lakeland Rd	Santa Fe Springs	CA0057177	3/3/03
Los Angeles County San Dist	San Jose Creek WWRP, NPDES	5542	95-079	MAJ	1965 S. Workman Mill Rd	Whittier	CA0053911	3/4/03
Camarillo Sanitary District	Camarillo WWRP, NPDES	1278	96-042	MAJ	150 E. Howard Rd	Camarillo	CA0053597	3/5/03
Covina Irrigating Co.	Treatment Plant #1	6849	99-137	MIN	255 W. Arrow Hwy	Glendora	CA0060577	3/13/03
Los Angeles County San Dist	JWPCP, Carson NPDES	1758	97-090	MAJ	24501 S. Figueroa St	Carson	CA0053813	3/18/03
Ojai Valley San Dist	Ojai Valley WWTP, NPDES	4245	96-041	MAJ	6363 N. Ventura Ave	Ventura (Corporate Name San Buenaventura)	CA0053961	3/19/03

General Permitting UnitGeneral NPDES Permit Authorization/Revision and Termination February 2003

	<u>General Permit type and Facility name & Location</u>	<u>Date of Coverage</u>	<u>Date of Revision</u>	<u>Date of Termination</u>
A.	NPDES CAG994001 (Order No. 97-045) Dewatering (no treatment)			
1	Southern California Water Company, Chanslor Well, 6938 Chanslor Avenue, Bell			2/7/03
2	Bridge Point at Beverly Hills, 220 N. Clark Drive, Beverly Hills			2/19/03
3	California American Water Company, Arlington Well No. 2, 5107 Arlington Avenue, Baldwin Hills			2/11/03
4	Rand Corporation, Building With Subterranean Parking Project, 1700 S. Main Street, Santa Monica			2/12/03
5	The Pacific Condominiums, 850 East Ocean Blvd., Long Beach			2/19/03
6	Clark-Swall HOA, 128 N. Swall Drive, Los Angeles			2/20/03
7	The Newhall Land and Farming Company, West Creek Bank Stabilization Project, Located at San Francisquito Creek (South of Copper Hill Drive Bridge), Santa Clarita			2/12/03
8	Southern California Water Company, Doty Well #1 and 2, 14124 Doty Avenue, Hawthorne	2/20/03		
9	The Newhall Land and Farming Company, Santa Clara River South Bank Flood Protection Barrier, Santa Clarita			2/21/03
10	County Sanitation Districts of Los Angeles County, District 32 Main Trunk Sewer and Sludge Force Main, 28185 The Old Road, Valencia			2/24/03
11	The Newhall Land and Farming Company, Del Lago Dewatering Project, Santa Clarita			2/24/03
12	Newhall Land and Farming Company, Avenue Scott Bridge, Over San Francisquito Canyon, Valencia			2/24/03
B	NPDES CAG994002 (Order No. 97-043) Dewatering (treatment required)			
1	Southern California Water Company, Hawaiian Site, 20702 Avenue, Lakewood			2/7/03
2	Southern California Water Company, Clara Site, 6440 Clara Street, Bell Gardens			2/7/03
3	Southern California Water Company, Vine Site, 18019 South Clarkdale Avenue, Artesia			2/7/03
4	Conoco Philips (Formerly Tosco Corporation), 42" Pipeline Relocation, Port of Long Beach			2/21/03
5	Tait Environmental Management, Inc., Boeing C-1 Facility, 3855 North Lakewood Blvd., Long Beach			2/11/03
6	The Port of Long Beach, Henry Ford Sewer Pump Station, Pier A, Berth A90, Port of Long Beach			2/18/03
7	Southern California Water Company, Central District, McKinley Well, 8143 McKinley Avenue, Paramount			2/18/03
C.	NPDES CAG674001 (Order No. 97-047) Hydrostatic Test Water			
1	Kinder Morgan Liquid Terminals, LLC, Carson Terminal Hydrostatic Test, 2000 E. Sepulveda Blvd., Carson			2/6/03
2	Kinder Morgan, Berth 172, Wilmington			2/21/03
3	Los Angeles Department of Water and Power, River Supply Conduit Improvement Project (Lower Reach), Crystal Springs Drive and Western Heritage Way, Los Angeles	2/27/03		
D.	NPDES CAG994003 (Order No. 98-055) Nonprocess			
1	Southern California Water Company, Hoffman Plant, 5064 Cecelia Street, Cudahy			2/7/03
2	Tract 349 Mutual Water Company, 4630 Santa Ana Street, Cudahy			2/7/03
3	Southern California Water Company, Dace Water Treatment Plant, 11960 Dace Street, Norwalk			2/18/03
4	Calclean Inc., Culver Motor Clinic, 10707 Jefferson Boulevard, Culver City	2/21/03		
E.	NPDES CAG834001 (Order No.2002-0125) – Cleanup of Petroleum Fuel Pollution			

	General Permit type and Facility name & Location	Date of Coverage	Date of Revision	Date of Termination
1	Fashion Square Car Wash, 4625 Woodman Avenue, Sherman Oaks			2/6/03
2	World Oil Marketing Company, Station #10, 9405 East Whittier Blvd., Pico Rivera	2/10/03		
3	Calclean Inc., United Oil Station No. 19, 10211 East Alondra Blvd., Bellflower			2/20/03
4	Atlantic Richfield Company, Arco Service Station #6035, 9824 Flair Drive, El Monte	2/18/03		
5	Defense Energy Support Center, Defense Fuel Support Point (DFSP) San Pedro, 3171 N. Gaffey Street, San Pedro	2/12/03		
F.	NPDES CAG914001(Order No. 2002-0107) – Cleanup of Volatile Organic Compounds Contaminated Groundwater			
1	Honeywell International, Inc., Former Honeywell Sepulveda Facility, 9851 Sepulveda Boulevard, Los Angeles	2/3/03		
2	OHR Haemet Institute, 1026 & 1030 South Robertson Blvd., Los Angeles	2/3/03		
3	World Oil Marketing Company, Station No. 62, 391 South Robertson Blvd., Beverly Hills	2/4/03		
4	Univar USA Inc., Former VOPAK USA Inc. Industrial Facility, 1363 South Bonnie Beach Place, Los Angeles	2/25/03		

Monthly Summary of Regional Board Enforcement Actions
February 2003

	13267 Letters	Notice of Non-Compliance	NOVs	NTCs	CAOs	TSOs	CDOs	Administrative Penalty	Civil Complaints	Liability	Program Total	
								Migden Mandatory	Storm-water related	All others		Total ACLs
Enforcement	8		8					1			1	17
NPDES	4											4
Stormwater		3	32	11	1			1			1	48
Underground Tanks	79		1									80
Site Cleanup I, II & III												0
WDRs												0
WIP												0
Landfills		5										5
Other (401, NPS)												0
TOTAL	91	8	41	11	1	0	0	2			2	154
YTD Total	801	423	571	352	20	2	16	36	9	3	54	2223
Previous Month YTD	710	415	530	341	19	2	16	34	9	3	52	2069

13267 Letter – Requirement to Submit Information

- Level 1 enforcement - Notice of Non Compliance
- NOV - Notice of Violation
- NTC - Notice to Comply
- CAO - Clean up and Abatement Order
- TSO - Time Schedule Order
- CDO - Cease and Desist Order
- ACL – Administrative Civil Liability

NPDES – National Pollutant Discharge Elimination System

WIP – Well Investigation Program

NPS – Nonpoint Source

WDR – Waste Discharge Requirement

CAOs Issued
Juniro Auto Wrecking WDID 419S011976

ACLs Issued
Kenneloa Irrigation District CI7066
A.J. Baker 419S006668