

**STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION**

STAFF REPORT FOR REGULAR MEETING OF DECEMBER 1, 2006

Prepared on October 30, 2006

ITEM NUMBER: 18

SUBJECT: Executive Officer's Report to the Board

This item presents a brief discussion of issues that may interest the Board. Upon request, staff can provide more detailed information about any particular item.

WATER QUALITY CERTIFICATIONS

[Dominic Roques 805/542-4780]

In general, staff recommends "Standard Certification" when the applicant proposes adequate mitigation. Measures included in the application must assure that beneficial uses will be protected, and water quality standards will be met.

Conditional Certification is appropriate when a project may adversely impact surface water quality. Conditions allow the project to proceed under an Army Corps permit, while upholding water quality standards.

Staff will recommend "No Action" when no discharge or adverse impacts are expected. Generally, a project must provide beneficial use and habitat enhancement for no action to be taken by the Regional Board. A chart on the following pages lists applications received from July 1, 2006 to September 30, 2006.

Water Quality Certification Applications Received From July 1, 2006 Through September 30, 2006

Applicant	Project Title	Project Description	Project Location	County	Receiving Water	Total Acres Impacted ¹	Total Acres Mitigated ²	Date Received	Certified
Department of Transportation	San Benito River Bridge Seismic Testing	Bridge seismic retrofit requiring work within the river channel. A 70 ft. long pipe would be used to convey water through the work areas with gravel placed over the top of the culvert.	Hollister	San Benito	San Benito River	0.484		7-Jul-06	
Southern California Gas Co.	Line 1005 Cold Springs Creek Crossing Repair	Pipeline repair, requiring creek diversion and excavation. 250 feet upstream of the Dam will need to be crossed to gain access to the site.	Montecito	Santa Barbara	Cold Springs Creek	0.221	Paid in lieu funds to Arundo donax removal project	10-Jul-06	15-Sep-06
Mount Hermon Association, Inc	Zayante Creek Fish Barrier Removal	Removing a 3-4 ft. section of a sill to improve fish passage conditions. No creek diversion necessary; all work will be done with a jackhammer, hand tools, and possibly an overhead crane.	Mount Hermon	Santa Cruz	Zayante Creek			10-Jul-06	Waiting on CEQA
Casitas Ranch, LLC	Casitas Ranch Storm and Slide Restoration Project	Bank stabilization and repair of a 120 ft. section of rock rip rap. Stabilization will include 1/4 to 1 ton, 3 ft. thick rock rip-rap with a filter fabric placed under the rock. Channel bottom width is proposed to be 10 to 12 feet.	West of Casitas Pass (Highway 150)	Ventura	Casitas Creek	0.06	0.12	10-Jul-06	11-Sep-06
Goleta West Sanitary District	Goleta West Sanitary	Protect an existing 12-inch sewer pipe that is threatened by creek erosion.	Goleta	Santa Barbara	Unnamed tributary to	0.03	0.03	17-Jul-06	14-Sep-06

¹ Total Acres Impacted include both temporary and permanent impacts to riparian, streambed, and/or wetland environments within federal jurisdiction. Actual impacted areas are available only for Certified projects; all others are subject to change based on final conditions of certification.

² Total Acres Mitigated are reported only for Certified projects. Water Board compensatory mitigation requirements are determined based on area impacted. They are generally 1:1 for streambed impacts, 2:1 for riparian impacts, and 3:1 for wetland impacts. Mitigation requirements are final upon issuance of certification.

Applicant	Project Title	Project Description	Project Location	County	Receiving Water	Total Acres Impacted ¹	Total Acres Mitigated ²	Date Received	Certified
	District Pipe Protection	An existing weir structure will be removed to help abate bank erosion. Boulder berms will be placed over the sewer pipe to slow flows and protect pipe.			Devereaux Slough				
Wayne Madden - StoneGate Orcutt Venture, LLC	StoneGate offsite Sewer Extension	Installation of sewer line and manholes by digging an 18-inch wide, 5-foot deep trench in streambed.	Santa Maria	Santa Barbara	Pine Creek	0.023	0.023	19-Jul-06	5-Sep-06
Den Street Partners	Legacy Estates	Installation of a storm water outlet into San Antonio Creek to accommodate the construction of 59 homes on a 13.4-acre parcel.	Los Alamos	Santa Barbara	San Antonio Creek	0.01		26-Jul-06	
Department of Transportation	Line Culvert and Place RSP	Line a 54-inch diameter, 100-foot long corrugated metal pipe culvert with a cured in place pipe and install RSP at the outlet. Low flow water in pipe will be captured behind a cofferdam and pumped around the work area.	Lucia	Monterey	Unnamed drainage to the Pacific Ocean	0.015	NA ³	26-Jul-06	5-Sep-06
Carolyn Gagliardini	Bridge Replacement	The replacement of an unsafe and deteriorated vehicular bridge on an access road to a residence.	Arroyo Grande	San Luis Obispo	Los Berros Creek	0.01		26-Jul-06	
City of Santa Barbara	Laguna Channel	To repair the gates that control flooding due to tidal influence.	Santa Barbara	Santa Barbara	Laguna Channel	0.075		27-Jul-06	

³ NA-Mitigations requirements Not Applicable given circumstances of the project.

Applicant	Project Title	Project Description	Project Location	County	Receiving Water	Total Acres Impacted ¹	Total Acres Mitigated ²	Date Received	Certified
Department of Transportation	RSP Placement/ Channel Modification	Replace the failing wing walls on a damaged culvert outlet and stabilize the channel. Slope the bank back to a 1:2 slope, and install RSP over fabric. RSP will be keyed into the channel bottom, downstream, and the bank of this drainage will be widened 6 feet to accommodate high flows.	East of Lompoc	Santa Barbara	Sycamore Creek	0.034	0.034	27-Jul-06	1-Sep-06
Pacific Coast Wine Services, LLC	Pacific Cosat Wine Services Culvert Replacement	Replace existing 78 inch by 75 foot culvert.	Los Alamos	Santa Barbara	San Antonio Creek	0.01	0.01	7-Aug-06	31-Aug-06
Eilwood Ranch, Inc	Eilwood Ranch Bridge	Remove culvert on Eilwood Creek, and replace with clear span bridge.	Goleta	Santa Barbara	Eilwood Creek			10-Aug-06	
Pacific Gas and Electric Company	King City-Coburn Pole Replacement Project	Repair/ replace a section of transmission line across the Salinas River, requiring work with heavy equipment within the OHWM and clearing of vegetation.	South of Soledad	Monterey	Salinas River	0.19	0.16	15-Aug-06	14-Sep-06
Kenneth Huddleston	Huddleston Residence	Laying banks to a 2:1 slope, installing three ungrouted rock check dams across the bed and a fourth check dam near the tributary, installing two 12-inch culvert outlet structures, which would empty onto ungrouted rock energy dissipaters. A 36-inch culvert would be installed across the access road with gravel at the inlet and outlet.	Los Alamos	Santa Barbara	Unnamed tributary to Cat Canyon Creek	0.65	0.88	15-Aug-06	13-Sep-06

Applicant	Project Title	Project Description	Project Location	County	Receiving Water	Total Acres Impacted ¹	Total Acres Mitigated ²	Date Received	Certified
San Roque Congregation of Jehovah's Witnesses	San Antonio Creek Rock Rip-Rap Bank Protection	Creek bank stabilization and erosion control to protect the church's parking lot and existing oak trees. Placement of 4-ton and 2-ton rock on the bank filled with rocks, topsoil, and vegetated with willows.	Santa Barbara	Santa Barbara	San Antonio Creek	0.069	0.05	16-Aug-06	14-Sep-06
Cameron Realty Partners, LLC	Orcutt Creek Estates-Storm water Outfall Structure	Construction of concrete-lined emergency spillway storm water outfall structure consisting of 18-inch HDPE pipe and 12 cy of rock rip rap.	Orcutt	Santa Barbara	Orcutt-Solomon Creek			11-Sep-06	
California Department of Parks and Recreation	South Boundary Barrier Fence and Gate Repair Replacement	Repair, maintain, and replace barrier fence that delineates between vehicular recreational area and pedestrian area. Work requires replacement of 17 steel piles, cable, and an 18-ft. gate	Oceano Dunes SVRA	San Luis Obispo	Pacific Ocean	0.05		11-Sep-06	
US Department of the Air Force	Repair Coast Road Culvert Erosion	Repair existing culvert. Work includes removing railroad ties, constructing a headwall, an end wall, and installing a 32-in. HDPE liner inside the existing pipe and riprap at the outlet.	South Vandenberg AFB	Santa Barbara	Oil Well Canyon Creek	0.009		12-Sep-06	
Candace Salway	PXP Arroyo Grande Produced Water Reclamation Facility	Oil recovery enhancement project. A water reclamation facility treating water by reverse osmosis and discharging it into Pismo Creek	Pismo Beach	San Luis Obispo	Pismo Creek	Unknown		15-Sep-06	
Van Nort	First Street Bridge Replacement	Replacement of an existing bridge over San Lorenzo Creek.	King City	Monterey	San Lorenzo Creek	0.0061		21-Sep-06	

Applicant	Project Title	Project Description	Project Location	County	Receiving Water	Total Acres Impacted ¹	Total Acres Mitigated ²	Date Received	Certified
San Luis Obispo County Department of Public Works	Picachio Road Bridge Replacement	Replace the existing two-span, timber bridge with a single span, cast-in-place, voided slab bridge.	Cayucos	San Luis Obispo	Cayucos Creek	0.13		22-Sep-06	
Chevron Pipe Line Co.	Estero Marine Terminal Shore Plant Source Removal Project	Removal from the Project Site separate-phase petroleum hydrocarbons documented at the groundwater surfaces at three areas within the Estero Shore Plant.	Morro Bay	San Luis Obispo	Toro Creek, Pacific Ocean	0.503		21-Sep-06	
Eugene & Daymel Shklar, Michael Frumkin & Christian Falco	Shklar Seawall	Placement of fallen rocks that fell from the existing rock revetment seawall at the base of the seawall at a 1.5:1 slope. The rocks will be grouted into place and the entire wall will be surfaced with shotcrete.	Sunny Cove Beach	Santa Cruz	Monterey Bay, Pacific Ocean	0.024		3-Oct-06	

WATERSHED REPORTS

Storm Water Municipal General Permit [Ryan Lodge 805/549-3506]

Water Board staff is currently reviewing the County of Santa Cruz Storm Water Management Program (SWMP). Water Board staff also received annual reports from the City of Morgan Hill, the City of Paso Robles, and Carpinteria Unified School District. Water Board staff issued a Notice of Violation (NOV) to the City of Paso Robles for failing to implement their first-year commitments and failing to submit a complete annual report. The City of Paso Robles is required to update their SWMP and submit a revised annual report addressing deficiencies noted in the NOV. Staff reviewed and sent comments for the University of California, Santa Cruz revised SWMP submitted March 16, 2006. Staff sent a second NOV to King City School District and College Elementary School District for continued failure to submit a complete application for General Permit coverage. Staff inspected five single school district sites in Monterey and San Benito counties to determine if coverage under General Permit is warranted.

The current status of the Region's Phase II SWMP review is shown in **Attachment 1**.

[See Attachment 1]

Santa Barbara County Storm Water Management Program Update [Ryan Lodge 805/549-3506]

The Water Board directed staff to provide an update on the Santa Barbara

County Storm Water Management Program (SWMP) that was approved at the July 7, 2006 Board hearing. The County of Santa Barbara submitted revisions to its SWMP required by Board Resolution R3-2006-0045 on August 31, 2006. The County included all of the required revisions 2.a – 2.i. The submittal includes a more detailed set of maps with water bodies and budget information requested by Board members. The budget information is included as **Attachment 2** to this report.

Board members and the public had questions regarding the County permitted areas and how those boundaries were designated. In particular, there were questions regarding areas around Buellton, Solvang, and Lompoc. The Waste Discharge Requirements for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems (General Permit) includes a list of communities that are required to obtain General Permit coverage. The communities within the County fall under two categories: those automatically designated for General Permit coverage due to their size, or those designated by the Water Board using other criteria including proximity to other urban areas, potential growth, and proximity to sensitive water bodies. The General Permit lists communities automatically designated in its Attachment 1 and lists communities designated by Water Boards in its Attachment 2. General Permit Attachment 2 indicates that, "The boundaries must be proposed in the permit application and may be developed in conjunction with the applicable regional water quality control

board." The County developed its permit boundaries in conjunction with Water Board staff. The County used aerial photographs and census maps to develop its permit boundaries. At the July 2006 Board Hearing, members of the Board and the public expressed concerns with areas adjacent to Lompoc, Buellton, and Solvang. Those areas, though included in US Census bureau maps, are not urbanized areas (defined as areas with 50,000 persons or more and with a population density of 1,000 persons per square mile or more), and in fact do not contain urban areas at all. The attached aerial photographs (**Attachments 3, 4, 5, and 6**) with US Census map overlays illustrate that the areas in question are agricultural areas, riverbed, or hillsides. The areas do not contain or discharge to a County-operated municipal separate storm sewer system and do not require coverage under the General Permit. "Municipal separate storm sewer system" means "a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains)." The General Permit does not regulate general erosion or runoff that does not discharge to a MS4. If development does occur in these areas, the areas will either be incorporated into the County SWMP during the annual review process or, if the areas are annexed into the adjacent city, will be incorporated into the adjacent city's SWMP.

Water Board staff has also attached a September 15, 2006 letter to Santa Barbara County from Water Board legal counsel, Lori Okun (**Attachment 7**). The September 15 letter provided the County with additional clarification and

guidance regarding what information the Board would like to review for the County's SWMP. The County's response to Ms. Okun's letter is also attached (**Attachment 8**).

See Attachments 3, 4, 5, 6, 7 and 8.

CLEANUP REPORTS

Underground Tanks Summary Report dated October 13, 2006 [Burton Chadwick 805/542-4786]

[See Attachment 9]

REGIONAL REPORTS

Regional Monitoring Report [Karen Worcester 805/549-3333]

The proposed Fiscal Year 06/07 Surface Water Ambient Monitoring Program (SWAMP) budget was recently revised to reflect new statewide monitoring for aquatic life support. This represents a significant cut to our regional monitoring budget—almost 30%. The statewide program is currently proposing a probabilistic approach, where randomly selected sites are sampled for benthic invertebrate assemblages and other indicators, in areas of the State stratified according to agriculture, urban, timber and "other". The most recently released budget would cut our CCAMP allotment from \$306,000 to \$216,000. This reduced budget will allow us to continue our conventional water sampling, but will vastly reduce our ability to sample our sites for water toxicity, sediment toxicity and bioassessment, and, it will limit our

ability to expand performance monitoring.

Chairman Young sent a letter to State Board Chair Tam Doduc, expressing opposition to the redirection of our SWAMP dollars and requesting additional funds for laboratory costs associated with new proposed E. coli sampling. We are proposing to add E. coli 0157:H7 to the suite of conventional water quality parameters already monitored on a monthly basis via CCAMP. This region wide sampling would whether this particular strain is present only in specific areas, or if it is commonly found in waters of our Region. However, without new funds from SWAMP or other sources we will be unable to do this, given proposed cuts.

Board staff sent summary information from the Central Coast Long-term Environmental Assessment Program (CCLEAN) to the Office of Environmental Health Hazard Assessment and County Health Departments, and directed them to the CCLEAN website for more detailed information. Particularly, we provided them with data showing persistently high levels of organic chemicals in mussel tissue at some locations in the Monterey Bay areas, in some cases exceeding criteria set for protection of human health. These agencies are responsible for protecting public health, and have now been alerted that this data is available, to act on as necessary.

CCAMP provided all pathogen indicator data collected since the beginning of the program to the Department of Health Services, to support investigations of E. coli contamination in the Region. We are instituting a system for regular

delivery of pathogen indicator data to DHS and to County Health Departments.

CCAMP has delivered all historical data (before 2003) to the SWAMP data management team for their checking and uploading into the SWAMP system. This represents a major milestone for our program, as we have had to adjust our level of documentation and data vocabulary, and develop a number of tools in order to export our data in a compatible format. Now that we have accomplished this, future exports will be much more straightforward, and we are now working on completing the quality assurance documentation for data from 2003 to the present, which we plan to export by the end of the year.

Dave Paradies has been using the new U. S. Geological Survey's National Hydrography Dataset as the underlying basis for new flow modeling work. This work uses existing USGS stream gage data to "calibrate" flows in ungaged watersheds, providing daily flow estimates where no gages currently exist. The Central Coast Long-term Environmental Assessment Network needs this type of information to improve loading estimates from coastal streams for their final report. In order to estimate flows at any given site, the model connects that site to its upstream drainage area. This is also a key feature supporting our Vision tracking work, as this will enable us to associate changes in land activities in upstream watersheds with changes at water quality monitoring sites.

Total Maximum Daily Load Program
[Lisa Horowitz McCann 805/549-3132]

Staff recently completed the following TMDL tasks or reports:

- Aptos and Valencia Creeks Pathogens TMDL- Final Project Report
- Corralitos Creek Pathogen TMDL- Preliminary Project Report
- San Lorenzo River and Estuary (including Carbonera Creek) Pathogens TMDL- Final Project Report
- Soquel Lagoon Pathogens TMDL- Final Project Report

The following TMDLs are currently being considered by USEPA for approval

- Chorro Creek Nutrient TMDL
- San Luis Obispo Creek Nitrate TMDL
- Watsonville Sloughs Pathogens TMDL

Staff will continue to work on the following TMDL tasks or reports:

- Corralitos Creek Pathogen TMDL- Draft Project Report
- Pajaro River and Tributaries Pathogen TMDL- Data Collection and Analysis Report
- Salinas River Nutrient TMDL- Final Project Report
- Salinas River Pathogens TMDL- Final Project Report
- Salinas River Pesticides TMDLs - Final Project Report
- Santa Maria River and Oso Flaco Creek Bacteria TMDL- Final Project Report
- Santa Maria River and Oso Flaco Creek Nitrate TMDL- Final Preliminary Project Report
- Watsonville Sloughs Pesticides TMDL- Final Project Report

All of the projects listed above are progressing towards development and/or approval of a TMDL.

Staff plans to initiate the following new TMDL investigations this fiscal year. Staff will prepare project plans for these projects to determine whether we should develop TMDLs or recommend other options for resolving these impairments.

- Elkhorn Sloughs Bacteria and Pesticides
- Santa Barbara Beaches Bacteria
- Santa Maria River Estuary Pesticides
- Santa Ynez Nitrate

Staff plans to initiate the following TMDL implementation this fiscal year. Some of these projects still depend on budget or grant project approval, but staff is confident we will be able to initiate most of this work.

- Los Osos Creek Nutrient TMDL- Numeric Target Monitoring
- Morro Bay Sediment TMDL- Numeric Target Monitoring
- Pajaro River Sediment TMDL- Outreach and Notification to Nonpoint Source Dischargers (owners of rural properties, roads, grazed lands and hydromodification activities) and Sand and Gravel Mining Operations; Numeric Target Monitoring
- San Lorenzo River Sediment TMDL- Numeric Target Monitoring

Staff will also review and respond to status of implementation actions in the following approved TMDL implementation plans:

- Clear Creek and Hernandez Reservoir Mercury TMDLs

- Morro Bay Pathogen TMDL
- Morro Bay Sediment TMDL
- San Lorenzo River Sediment TMDL

The State Board adopted an updated Clean Water Act Section 303(d) List of Water Body Limited Segments (the Impaired Waters List) on October 25, 2006. USEPA will approve the Impaired Waters List as is or with changes by December 2006. Central Coast Water Board staff disagreed with some of the approved changes to the Impaired Waters List, as did some stakeholders who commented to the State Board. Staff will reevaluate these listings and prepare revised recommendations for those listings if appropriate during update of the Impaired Waters List for 2008. Staff will be initiating the process to update the Impaired Waters List in November 2006 by sending a data solicitation letter to stakeholders. We will request that stakeholders provide data and information to us by the end of February 2007 so staff has adequate time to evaluate the data and develop recommended changes to the current Impaired Waters List. These recommendations will be presented to the Central Coast Water Board for consideration in October 2007. The 2008 Impaired Waters List will be presented to the State Board in April 2008.

ADMINISTRATIVE REPORTS

Amendment of Federal Facility Agreement in the Matter of The United States Department of the Army, Fort Ord, Headquarters, Seventh Infantry Division (Light) [Grant Himebaugh 805/542-4636]

In 1990, the Central Coast Water Board, the California Department of Toxic Substances Control (DTSC)⁴, the United States Department of the Army (Army) and the United States Environmental Protection Agency (USEPA) entered an agreement for the cleanup of the former Fort Ord. The Fort Ord Reuse Authority (FORA) is a local redevelopment agency that acquires portions of the former Fort Order property. In order to facilitate the transfer of part of the property to FORA before the cleanup is complete, DTSC and USEPA have negotiated an amendment to the Federal Facility Agreement. Under the amendment, FORA will agree to assume responsibility for some of the Army's cleanup obligations. The amendment will not transfer any obligations related to landfills or groundwater cleanup (*i.e.*, the aspects of the cleanup that are within Water Board jurisdiction). The Army will retain liability to resume the cleanup if FORA defaults on cleanup obligations. The Central Coast Water Board was a party to the 1990 Federal Facility Agreement and therefore will sign the early transfer amendment. The Executive Officer will sign the amendment under his delegated authority when it is finalized; no Water Board hearing is necessary. DTSC and USEPA are trying to finalize the amendment before the end of 2006.

Presentations and Training [Michael Thomas 805/542-4623]

Karen Worcester presented two talks at the California World Oceans Conference in Long Beach, September 18 – 20. The first talk was part of a Coastal Non-

⁴ The agreement was entered by Department of Health Services, the predecessor to DTSC, which had not been created yet.

Point Source Pollution panel that included, among others, State Assemblyman Pedro Nava and Peter Douglas from the Coastal Commission. Karen discussed our Vision and Goals project, and used the agricultural waiver program as an example of how we are linking water quality data with programmatic activities and management practice tracking.

The second talk was included on a panel related to sea otter disease issues. Karen discussed how Region 3 is responding to sea otter disease issues from a regulatory standpoint, and discussed newly adopted storm water management programs, Low Impact Development activities, wastewater treatment improvements, new non-point source policies and programs, agricultural waiver activities, and grant activities we have funded for storm water and wastewater improvements. She also provided updates on the new Sea Otter bill that was signed recently by the Governor, creating a new crime associated with CDFG Pollution Code 5650 (it adds "mammal" to the list of organisms affected). It also provides money through a tax return check-off for more research on lab methodologies and wastewater treatment technologies, and for enforcement. Also, NRDC has sued EPA for not complying with the conditions of the Clean Beaches Act, related to development of standards and methods associated with diseases of concern. This may provide impetus for increased focus on these diseases.

Both talks were very well received, and generated later discussions with Drew Bohan, Director of the Ocean Protection Council, and Al Wanger, Coastal Commission Deputy Director, particularly about our activities related to Low Impact Development.

Cleanup Program staff Diane Kukol and Wei Liu, Engineering Geologists, and John Mijares, Water Resource Control Engineer, attended the Groundwater Resource Association's conference entitled *High Resolution Site Characterization & Monitoring* in Long Beach on November 14 -16, 2006. Linda Stone, Engineering Geologist with the DoD/Perchlorate staff also attended the training.

Cleanup Program staff Thea Tryon, Engineering Geologist, and Hector Hernandez, Water Resource Control Engineer, are scheduled to attend Edward Tufte's *Presenting Data and Information* class in San Jose on December 4, 2006.

On August 8, 2006 Environmental Scientist Larry Harlan presented at the University of California Cooperative Extension (UCCE) *Water Quality Short Course for Ranchers (rangeland)*, held in San Benito county. About thirty ranchers from San Benito, Santa Clara, and Monterey counties attended the short course. Larry presented information on Water Board regulations and programs. Topics included the Pajaro River Watershed TMDLs for sediment and nitrate, the state's non point source policy, prohibition of waste discharges, irrigated agricultural waiver program, and how these Water Board activities may affect ranchers.

On September 6, 2006, Environmental Scientist Kim Sanders and Engineering Geologist Pete Osmolovsky attended the Training Academy *Water Quality Goals Class*, in Sacramento. This course provided training on the topic of water quality standards - beneficial uses, water quality objectives, promulgated water quality criteria, water quality control plans and policies that

affect allowable concentrations in water. It also familiarized staff with the Water Quality Goals report, intranet-based database and limit-selection algorithms and how these tools may be used to interpret narrative water quality standards as part of our day-to-day water quality assessment and regulatory functions.

On September 7, Kim Sanders and Pete Osmolovsky attended the training academy *Basin Plan Amendment Training Class*, in Sacramento. Participants learned how to successfully navigate the amendment process and understand its requirements. The course reviewed the legal and procedural information Water Board staff need to know about making and adopting new Basin Plan amendments. Topics included: Regulatory overview; Amendment development steps and requirements; CEQA requirements; Economic analysis requirements; and Water Board approval process.

On October 2, 2006, Environmental Scientist Chris Rose represented the Central Coast Water Board at a

statewide symposium called, *What Has Your Basin Plan Done for You Lately?* in Davis. Keynote speakers included Catherine Kuhlman, Executive Officer from the North Coast Regional Board, Michael Lauffer, Chief Counsel, Office of Chief Counsel, State Board, and Alexis Straus, Water Division Director, USEPA Region 9. Staff discussed ways to improve the Basin Plan documents, update and improve Water Board authority through the Basin Plan, and challenges - technical, budget and administrative - to updating the Basin Plans. Based on the input at the symposium, State Board staff will prepare a White Paper recommending steps the Water Boards can take to elevate profile of and opportunities to amend the Basin Plans.

Dean Thomas, Engineering Geologist, and Martin Fletcher, Water Resources Control Engineer, of the Landfill Program attended a State Board sponsored training in Sacramento on October 26th. The training focused on appropriate use and testing of geosynthetics [plastic membranes] in landfill liner and cover construction.

ATTACHMENTS

1. Phase II SWMP Review
2. Project Clean Water Budget, Santa Barbara County
3. City of Solvang Census Block Map w/Overlays
4. City of Buellton Census Block Map w/Overlays
5. City of Lompoc Census Block Map w/Overlays (zoom-out)
6. City of Lompoc Census Block Map w/Overlays (zoom-in)
7. Ltr dtd 9/15/06 to Santa Barbara County from Staff Counsel
8. Ltr dtd 11/1/06 to Staff Counsel from Santa Barbara County
9. Underground Tanks Summary Report dated October 13, 2006