

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

STAFF REPORT FOR REGULAR MEETING OF MAY 12-13, 2005

Prepared on April 19, 2005

ITEM NUMBER: 33

SUBJECT: Executive Officer's Report to the Board

Brief discussion of some items of interest to the Board follows. Upon request, staff can provide more detailed information about any particular item.

WATER QUALITY CERTIFICATIONS

[Sandy Cheek 805/542-4633]

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 February 1, 2005 to March 31, 2005.

WATER QUALITY CERTIFICATION APPLICATIONS RECEIVED FROM FEBRUARY 1, 2005 THROUGH MARCH 31, 2005

Applicant	Project Title	Project Description	Project Location	County	Receiving Water	Received Date	Action Taken/ Certification Date
Steve Palmisano - City of Watsonville	Harkins Slough Road Bridge over Watsonville Slough	Replace an existing low-water bridge crossing across Watsonville Slough and restore slough wetlands.	Watsonville	Santa Cruz	Watsonville Slough	3-Feb-05	Standard Certification 3/1/2005
Carl Mayrose - Santa Barbara High School District	New Theater Building - Dos Pueblos High School	Certification will not be issued. Certification previously issued to cover all project activities.	Goleta	Santa Barbara	Glen Annie Canyon Creek	9-Feb-05	Pending
County of Santa Cruz	Pine Flat Road Culvert Repair	Widen sections of Hwy 1 north of Cambria and to replace or extend culverts in four locations.	Bonny Doon	Santa Cruz	Unnamed tributary to Mill Creek	10-Feb-05	Pending
Gary Ruggerone - Caltrans	Rincon Bridge Replacement	Replace two 75-year old pony truss bridges and to install seven rock grade structures to allow fish passage	Santa Barbara/ Ventura County Line	Santa Barbara & Ventura County	Rincon Creek	11-Feb-05	Conditional Certification 3/3/2005
Joseph & Jeanette Pahler	Larkfield Place	Replace an undersized culvert with a 7' x 3' concrete box culvert and install five linear feet of rock rip rap at each end of the culvert	Paso Robles	San Luis Obispo	Stoney Creek	18-Feb-05	Standard Certification 3/11/05
Brian Stark - Land Conservancy of San Luis Obispo County	Marre Weir Fish Passage Improvement	Modify the shape of an existing notch in the weir to make a low-flow fish passage corridor that has low maintenance needs.	Avila Beach	San Luis Obispo	San Luis Obispo Creek	18-Feb-05	Standard Certification 3/14/05
Glen Priddy - County of SLO Public Works	Noyes Road Bank Repair Project	Stabilize the bank and correct an existing drainage problem to protect Noyes Road from potential erosion.	North of Arroyo Grande	San Luis Obispo	Unnamed tributary to Meadow Creek	22-Feb-05	Standard Certification 3/17/05
California Army National Guard - Camp Roberts	Road Expansion and Culvert Replacement at Landfill	Remove an existing 18" culvert and replace it with two side by side 24" culverts, and to widen the road crossing	Camp Roberts	San Luis Obispo	Unnamed tributary to Salinas River	2-Mar-05	Standard Certification 3/23/05

	Entrance						
Conoco Phillips	6-inch Line 353 Relocation	Replace approximately 3,000 linear feet of pipeline, which will cross one unnamed drainage, and two locations of Graciosa Creek.	Orcutt	Santa Barbara	Graciosa Creek	2-Mar-05	Pending
Karen Ramsdell - Airport Director - City of Santa Barbara	Airfield Drainage Improvements	Improve drainage capacity of the Santa Barbara Airport	Santa Barbara	Santa Barbara	Goleta Slough	3-Mar-05	Standard Certification 3/30/05
Glen Priddy - County of SLO Public Works	San Simeon Creek Road Culvert Replacement Project	Remove a damaged culvert and replace it with a new culvert of the same size. The roadway will then be repaired and repaved.	San Simeon	San Luis Obispo	Tributary to San Simeon Creek	8-Mar-05	Standard Certification 4/07/05
Steve Johnson	517 W. Figueroa	Grade a drainage swale to ensure slope stability, provide usable open space, and create a biofilter.	Santa Barbara	Santa Barbara	Tributary to Old Mission Creek	22-Mar-05	Pending
John Dorwin - Clary Properties	Pipe Arch Culvert - Cat Canyon Creek	Remove an unauthorized culvert crossing with a natural bottom pipe arch culvert and install 12-inch ungrouted rock rap 20 linear feet upstream and downstream of the culvert	Los Alamos	Santa Barbara	Gato Creek	29-Mar-05	Pending
Gary Ruggerone - Caltrans	Breaker Point Clean Up Roadside Environment	Widen sections of Hwy 1 north of Cambria and to replace or extend culverts in four locations.	North of Cambria	San Luis Obispo	Tributary to Pacific Ocean	29-Mar-05	Pending
Valerie Maillet - Larwin Company	Mesa Verde Emergency Access Road	Install a 36-inch culvert and rock riprap stabilization upstream and downstream of the culvert for an emergency road crossing.	Orcutt	Santa Barbara	Orcutt Creek	23-Mar-05	Pending

Miscellaneous Meetings [Roger Briggs 805/549-3140]

Gerhardt Hubner, Michael Thomas, and I met with Dan Berman, Director of the Morro Bay National Estuary Program, and David Paradies of the Bay Foundation, to coordinate implementation projects for the watershed funded by the Regional Board's consent decree funds for Morro Bay.

Alison Jones and I met with Kevin Merrill, President of Central Coast Water Quality Preservation, Inc., and southern watershed coordinator, Kay Mercer, to discuss the dues structure for the Agricultural Regulatory Program and ways to improve communication among all parties. We followed up with a letter the same day.

Gerhardt Hubner, Matt Thompson, and I met with John Wallace, consultant for the Avila Community Services Director, also with his company's Director of Mechanical Engineering, and a CSD Board Member to discuss funding for an outfall extension.

Martin Fletcher, Harvey Packard, Lori Okun, and I met with seven City of Soledad representatives regarding the City's wastewater treatment facilities.

John Robertson, Gerhardt Hubner, Michael Thomas, and I met with Kira Schmidt, Executive Director of Santa Barbara Channelkeeper, to discuss mutual goals and issues, and to improve communications and efficiency of our organizations.

Michael Thomas and I met with Patti Whelan, Director of Department of Planning for Cannon Associates, to discuss storm water regulation and low impact development.

I discussed low impact development with George Gibson of San Luis Obispo County Public Works.

David Athey, Harvey Packard, Lori Okun, and I met with Olin's Curt Richards, Rick McClure, Don Smallwood, and Randy Visser to discuss the monitoring program for replacement water (see Olin summary in perchlorate section of this agenda).

Jennifer Bitting, Donette Dunaway, Chris Adair, Lori Okun, and I met with fourteen representatives of the Monterey Regional Storm Water Group and Environmental Group representatives to discuss the area's storm water management plan.

I attended the Management Coordinating Committee meetings with the other Executive Officers and State Board management (one in March by teleconference, and one face to face in San Diego in April).

Watershed Reports

Ventana Inn Wastewater Treatment and Disposal Improvements [Harvey Packard 805/542-4639]

Sonoma Spa Resorts, Ventana Inn (discharger), encompasses 243 acres and contains a restaurant, shops, offices, 59 rooms, three guest houses, maintenance facilities, 33 staff housing units, a spa, and a 70-space campground with three bathhouses. The wastewater is handled by a series of septic tanks and leachfields distributed across the property.

In 2002 the Board adopted waste discharge requirements directing the discharger to investigate the cause of overloaded and apparently failing leachfields at the resort. The requirements also directed the discharger to improve the overall operations and maintenance of the on-site treatment systems to better detect and avoid further system failures. Effluent was observed surfacing from the leachfields on several occasions by Water Board staff through March 2004. Ventana Inn was asked to address the system failures and continued violations at the March 2004 Board meeting. Representatives of the Inn assured the Board at that time that upgrades would be completed by May 2004, and active management of the leachfields would ensure no further surfacing of effluent. Water Board Staff has visited the site four times since that meeting to monitor the progress of the upgrades and to verify that all wastewater remained below ground. While there have been several procedural failures in approaching both the Water Board and the County for approval of these upgrades, all work moved ahead quickly to eliminate the most immediate threats to water quality.

The major upgrade work was completed by June 2004. Since that time, we (and Monterey County) have been awaiting proper documentation and certification of the viability of the system improvements. Through an iterative process of submittals, the Discharger submitted complete documentation of the upgrades and improvements on March 30, 2005. The Discharger will complete less critical portions of the upgrade such as remote telemetry and one final tank installation by June 1, 2005. Staff agrees with the engineer of record that with proper maintenance and operation, this refurbished system should serve the Inn very well into the future. In that effort, the Discharger has retained the services of a Grade II operator to ensure that proper system operation remains a priority for the Inn and Resort. We will continue to track the compliance record of this facility.

Storm Water Management Plan Adoption Status
[Jennifer Bitting 805/549-3334]

The Central Coast Water Board currently has 1,131 storm water permit holders/applicants as described below.

Municipal General Permit

Phase II Regulations required designated small Municipal Separate Storm Sewer Systems (MS4s) to obtain coverage under a State Board issued general permit by March 10, 2003. Due to delays that resulted from a Ninth Circuit Court decision, the State Board did not adopt the permit until April 30, 2003. The adopted permit set new dates by which the MS4s are required to submit a Notice of Intent to comply with the terms of the permit.

A small MS4 is defined as any MS4 located in an "urbanized area" (an area with a population of 50,000 and a population density of 1,000/square mile) or an "urban cluster" (an area with a population of 10,000 and a population density of 1,000/square mile), as defined by the Bureau of the Census. A small MS4 could be designated to be covered by the Phase II program in either of two ways:

1. Automatic Nationwide Designation. The Storm Water Phase II Regulations require automatic nationwide coverage of all small MS4s that are located within the boundaries of an urbanized area as determined by the Bureau of the Census based on data from the latest

Census. Attachment 1 of the permit is a list of automatically designated MS4s.

2. Designation by the Regional Board. Operators of small MS4s located in an urban cluster, as defined by the Bureau of the Census, could be designated if the Regional Board determines that storm water discharges from the small MS4 into a local water body cause, or have the potential to cause, a threat to water quality. Regional Board staff used the following criteria to recommend additional small MS4s for designation:
 - a. Discharge to a 303d listed water body;
 - b. High growth;
 - c. High tourism;
 - d. Discharge to a Marine Sanctuary

Attachment 1 of the permit is a list of 26 MS4s designated due to the automatic nationwide designation criteria. These MS4s were required by the permit to submit a complete application for permit coverage by August 8, 2003.

Attachment 2 of the permit is a list of 10 MS4s designated by the Regional Board. On November 1, 2002, this list was presented to the Board for comment. These MS4s were required by the permit to submit a complete application for permit coverage by October 27, 2003.

Attachment A (attached) shows the status of the MS4 permit applications for all MS4s listed in Attachment 1 and Attachment 2 of the permit.

Federal and State Facilities are also required to obtain permit coverage, either individually, or as a co-permittee with a contiguous municipality. Attachment 3 (attached) of the permit is a list of 91 designated State or Federal MS4s. These MS4s were required by the permit to submit a complete application for permit coverage by April 30, 2004, a date the Regional Board decided upon at the July 11, 2003 Board meeting.

Construction General Permit

Construction activity disturbing one acre or more of land is subject to NPDES permitting requirements under Phase II. Construction activity disturbing less than one acre also requires a permit if it is part of a larger common plan of development or sale disturbing a total of one acre or greater, or is individually designated for permit

coverage by the Regional Board based on threat to water quality.

The site-specific plan to implement BMPs is called the Storm Water Pollution Prevention Plan (SWPPP). A SWPPP that reflects the current conditions of the site is required to be kept on site at all times and available for Regional Board staff review.

The monitoring provisions in the permit require:

1. All permitted construction sites' runoff be sampled for pollutants that cannot be seen in the runoff, if there is reason to believe those pollutants may be present in the runoff.
2. Operators of permitted construction sites that discharge directly to 303(d) listed water bodies that are impaired by Sediment/Silt to sample the receiving water upstream and downstream every storm event (not to exceed four events/month).

Annual reports are due to our office each September 1. These reports include information about the site topography, BMPs that will be used to prevent erosion during the rainy season, and monitoring. There are currently 611 construction sites in our Region covered by the construction storm water permit.

Industrial General Permit

The State Board last reissued the statewide General Storm Water Permit for Industrial Activities in 1997, when they adopted Order 97-03-DWQ. The permit is reissued every five years. Ten categories of industrial activity are required to obtain permit coverage.

Industrial facilities obtain permit coverage based on whether or not their Standard Industrial Classification (SIC) code is included in these ten categories. General descriptions of the categories are:

1. Facilities subject to storm water effluent limitations guidelines, new source performance standards, or toxic pollutant effluent standards (40 CFR Subchapter N);
2. Manufacturing facilities;
3. Mining/oil and gas facilities;
4. Hazardous waste treatment, storage, or disposal facilities;
5. Landfills, land application sites, and open dumps that receive industrial waste;

6. Recycling facilities such as metal scrap yards, battery reclaimers, salvage yards, automobile yards;
7. Steam electric generating facilities;
8. Transportation facilities that conduct any type of vehicle maintenance such as fueling, cleaning, repairing, etc.;
9. Sewage treatment plants;
10. Certain facilities (often referred to as "light industry") where industrial materials, equipment, or activities are exposed to storm water.

All industrial permit holders are required to implement BMPs to prevent the discharge of polluted storm water off site. The site-specific plan to implement BMPs is called the Storm Water Pollution Prevention Plan (SWPPP). Permit holders are required to sample their storm water runoff during a minimum of two storm events each rainy season. Samples are analyzed for pH, Total Suspended Solids, Specific Conductance, and Oil & Grease or Total Organic Carbon. Table D of the permit lists other parameters that must be tested for, based on the SIC code of the facility. Visual Observations are required throughout the rainy season. The monitoring and sampling results are recorded on an annual report, which is submitted to our office on July 1 of each year. There are currently 393 industrial facilities in our Region covered by the industrial storm water permit.

[See Attachment A]

Cleanup Reports

Underground Tanks Summary Report dated March 30, 2005 [Burton Chadwick 805/5424786]

[See Attachment B]

Administrative Reports

Presentations and Training [Roger Briggs 805/549-3140]

Sheila Soderberg, Senior Engineering Geologist, and Cyndee Jones, Regional Administrative Officer, attended *The Science and Art of*

Leadership training in Sacramento on April 6, 2005.

Sheila Soderberg, Senior Engineering Geologist, attended *The Work of Leadership* training in Sacramento on May 1 and 2, 2005.

On April 21, 2005, Central Coast Water Board staff participated in *Press Communications* training.

Central Coast Water Board staff members attended *Public Participation* training on May 18, 2005.

On February 9, 2005, Senior Engineering Geologist, Gerhardt Hubner, traveled to the Mission Hills Community Service District in Lompoc and gave a presentation at the monthly meeting of the Sanitation Agency Manager's Association (SAMA) on the California Integrated Water Quality System (CIWQS) project. CIWQS is the new computer system for the State and Regional Water Boards that will track information about places of environmental interest, manage permits and other orders, track compliance inspections, and manage violations and enforcement activities. Mr. Hubner presented an overview of CIWQS, its benefits, timeline for its implementation, and the role SAMA entities would play in future submittal of electronic National Pollutant Discharge Elimination System (NPDES) self-monitoring reports.

On March 29, 2005, Senior Engineering Geologist, Gerhardt Hubner, and Water Resource Control Engineer, Matt Thompson, attended the City of Santa Maria's Second Annual Pretreatment Compliance Awards Breakfast. The recognition program is an effort to promote ongoing cooperation between the City and the regulated industrial community. Mr. Hubner provided a few remarks to the audience emphasizing the importance of the Pretreatment Program, and compliance with its requirements in protection of water quality in our Region.

ATTACHMENTS

- A. Storm Water Management Plan Adoption Status for Attachment 1 and 2 MS4s.
- B. Underground Tanks Summary Report dated 3/30/05.

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