

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

STAFF REPORT FOR REGULAR MEETING OF SEPTEMBER 1, 2011
Prepared August 1, 2011

ITEM NUMBER: 7

SUBJECT: Low Threat and General Discharge Cases

DISCUSSION

The following items serve as notification that the subject sites have been enrolled under the noted general order.

General Waiver for Specific Types of Discharges, Resolution No. R3-2008-0010

Conocophillips Pipeline 300 Site, Nipomo, San Luis Obispo County [Rich Chandler 805/542-4627]

Central Coast Regional Water Quality Control Board (Central Coast Water Board) staff received a *Report of Waste Discharge* submitted by Terra Pacific Group, Inc. on behalf of the ConocoPhillips Company (ConocoPhillips) on June 15, 2011. Based on information included with this submittal, ConocoPhillips was enrolled in Resolution R3-2008-0010, General Waiver of Waste Discharge Requirements for Specific Types of Discharges on July 22, 2011 (General Waiver).

Site remediation will require excavation of crude oil-impacted soil associated with a historic pipeline release, and impacted groundwater will likely be present in the excavation. ConocoPhillips, as the responsible party for the petroleum hydrocarbon pollution, will operate and maintain a groundwater treatment system at the site to remove petroleum hydrocarbon constituents from any extracted groundwater. ConocoPhillips will store treated water in a tank until analytical testing confirms that the treatment is complete and then return the treated water to the same groundwater formation from which it was withdrawn through surface percolation.

As a condition of enrollment in the General Waiver, Central Coast Water Board staff requires ConocoPhillips to comply with a monitoring and reporting program. ConocoPhillips will report discharge rate and volume, as well as post-treatment laboratory analysis for chemicals of concern, daily for the first three days of system operation, weekly thereafter for the first two weeks, then quarterly thereafter. The date of the startup of the treatment system is not know at this time, however, ConocoPhillips anticipates completion of site excavation and groundwater treatment activities by the end of October 2011, and will provide Central Coast Water Board staff with 48-hour notice prior to initiation of water treatment, as well as prior to discharge of treated groundwater.

Former Exxon/Hondo Service Station, 1115 Casitas Pass Road, Carpinteria, Santa Barbara County [John Mijares 805/549-3696]

On July 1, 2011, Central Coast Water Board staff enrolled RBS Family Trust (c/o Robin Smith Blue, Trustee), the responsible party for the subject site, under the Central Coast Water Board's General Waiver. The responsible party proposes an In-Situ Chemical Oxidation (ISCO) pilot test to assess ISCO's effectiveness and feasibility for full-scale implementation in destroying petroleum hydrocarbon contaminants underneath this UST site. As the local oversight program (LOP), Santa Barbara County Fire Prevention Division (SBCFPD) staff approved the proposed feasibility study and corrective action workplan on June 9, 2011. Ground Zero Analysis, Inc. submitted the application for the General Waiver, on behalf of RBS Family Trust. The application provides the necessary information to fully comply with the requirements for enrollment under the Central Coast Water Board's General Waiver

This staff report serves as a notification to the Central Coast Water Board that Water Board staff has issued a Notice of Applicability to RBS Family Trust for ISCO pilot testing at the site. If pilot testing is successful and the SBCFPD approves the full-scale ISCO implementation, these activities will also be covered under this General Waiver.

Space Launch Complex 6, Vandenberg Air Force Base, Santa Barbara County [Sorrel Marks, 805/549-3695]

On April 25, 2011, United Launch Alliance, LLC applied for a waiver of waste discharge requirements for discharges of launch water, post-launch wash-down water, and associated storm water at Vandenberg Air Force Base, Space Launch Complex 6 in Santa Barbara County. The discharges include:

- Approximately 50,000 to 100,000 gallons per launch of launch water and post-launch wash-down water.
- Storm water accumulated in launch flame exhaust ducts beneath the launch facilities and underground sump (anticipated to range from 200,000 to 900,000 gallons per year).
Storm water from utility trenches draining to the Building 399 Containment Pit and vehicle wash water (estimated to be less than 140,000 gallons per year).

These discharges will be beneficially reused as irrigation on adjacent vacant land. Discharges must not cause or contribute to exceedances of groundwater quality objectives specified in the Basin Plan for protection of the agricultural supply beneficial use (Basin Plan Tables 3-3 and 3-4). Each of the water discharge types described above has been sampled periodically over the past ten years. Results of water quality analyses indicate the discharges will not pose a significant threat to underlying groundwater quality. Periodic monitoring of the discharge constituent concentrations will occur to ensure consistency with Basin Plan objectives.

The beneficial reuse of these waters as pasture irrigation presents no significant threat to water quality. Accordingly, the discharge is appropriate for enrollment in the General Waiver, and staff notified United Launch Alliance of such enrollment on May 18, 2011. Enrollment in the General Waiver is conditional upon compliance with the conditions stated in the General Waiver, and no discharge to surface water is allowed.

General Waste Discharge Requirements for Discharges of Winery Waste, Order No. R3-2008-0018El Camino Real Winery, Los Olivos, Santa Barbara County [Sorrel Marks 805/549-3695]

On August 3, 2011, Water Board staff notified El Camino Real Winery that it qualifies for enrollment under the small winery waiver of the general winery WDRs. El Camino Real Winery is located at One Zaca Station Road, Los Olivos, and will process up to 160 tons of grapes annually. El Camino Real Winery's process wastewater will be treated using screening, settling, pH adjustment, and biological treatment in an aerated pond. Up to 1,600 gallons per day of winery process wastewater will be treated and beneficially reused as irrigation, dust control, and frost and fire protection on approximately 40 acres. Enrollment in the small winery waiver is limited to those wineries producing no more than 10,000 cases of wine per year (among other conditions). Accordingly, El Camino Winery is required to notify the Central Coast Water Board if it expands beyond that level of production.

Dierberg Vineyards Winery, Santa Ynez, Santa Barbara County [Sorrel Marks 805/549-3695]

On June 22, 2011, Water Board staff notified Dierberg Vineyards Winery that it qualifies for enrollment under the general winery WDRs. Dierberg Vineyards Winery is located at 2121 Alisos Avenue in Santa Ynez, and will process up to 540 tons of grapes annually. Dierberg Vineyards Winery's process wastewater will be treated using screening, pH adjustment, and biological treatment in lined facultative ponds. Up to 9,600 gallons per day of winery process wastewater will be treated and beneficially reused as irrigation on approximately 20 acres. Enrollment in the general winery order requires compliance with Monitoring and Reporting Program No. R3-2008-0018 to ensure ongoing compliance.