

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

STAFF REPORT FOR REGULAR MEETING OF MAY 3-4, 2012
Prepared on April 3, 2012

ITEM NUMBER: 6

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 of Waste Discharge Requirements for Specific Types of Discharges, Resolution No. R3-2008-0010

Mafi Trench, 3037 Industrial Parkway, Santa Maria, Santa Barbara County
[David Schwartzbart 805/542-4643]

On March 14, 2012, Water Board staff enrolled EFT Enterprises, L.P. (EFT), the responsible party for Mafi Trench (Site), under Resolution Order No. R3-2008-0010, the General Waiver for Specific Types of Discharges (General Waiver); specifically Attachment A, Section D "Addition of Materials for In-Situ Chemical Oxidation. EFT has conducted considerable groundwater remediation over the years and this enrollment authorizes the addition of a low volume of peroxide solution to existing wells as a final polishing phase to oxidize remaining volatile organic compounds (VOC) and reduce their concentrations in groundwater. This technology has proven effective under similar geologic and groundwater chemistry conditions at a number of site cleanup and underground storage tank sites in the region.

On February 8, 2012, EFT submitted a workplan to pour (under force of gravity) up to five gallons of 0.3 percent hydrogen peroxide solution into up to five wells monthly for three consecutive months, and to repeat this three month cycle up to five times, approximately six months apart to further reduce VOC concentrations in Site and near-Site groundwater. The workplan and the conditions outlined in our March 14, 2012 enrollment letter provided the necessary information to comply with the requirements for enrollment under the General Waiver.

EFT will add hydrogen peroxide to up to four site wells (VE-1, B-4, B-5, and B-6), and one near-site well (B-10). During the most recent monitoring event in September 2011, B-10 was the only well with a significant drinking water maximum contaminant level (MCL) exceedance, containing up to 890 parts per billion (ppb) of 1,1-dichloroethene (DCE). The 1,1-DCE MCL is 6 ppb. Well B-10 is on property adjacent to the site. EFT will not treat B-10 with peroxide until the property owner has approved its use and EFT has notified Water Board staff of their approval. EFT will monitor and submit groundwater monitoring reports semiannually to demonstrate compliance with the waiver

conditions and workplan specifications, treatment efficacy, and to adjust peroxide additions, if necessary.

Chevron Company Well Development Dewatering, Toro Canyon and Alva Paul Creek Basin, Morro Bay, San Luis Obispo County

[David LaCaro 805/549-3892]

The Chevron U.S.A. Inc. proposes to conduct a hydrologic study in the Toro Canyon and Alva Paul Creek groundwater basins. The project involves installing and developing four sets of piezometers and one large diameter well in the Toro Canyon Basin as well as one large diameter well located in the Alva Paul Creek Basin. Dewatering will occur from the installation and development of each piezometer location and large diameter wells. Dewatering from the piezometers is expected to total 800 gallons. The large diameter well in Toro Canyon is anticipated to generate total of 84,000 gallons between well development and pump testing. The large diameter well located in Alva Paul Creek Basin is estimated to generate a total of 5,000 gallons between well development and pump testing. Groundwater collected at both locations will be pumped to holdings tanks where the water will later be dispersed to land. All soil cuttings and drilling muds will be dispersed to land to avoid runoff.

Discharge monitoring will ensure no ponding, erosion, or discharges to water bodies. The discharge will be monitored constantly for five minutes, then once every five to ten minutes following. Visual monitoring will also depend on the individual discharge rates and infiltration capacity. In addition, the project will include conventional chemical monitoring for pH, temperature, specific electrical conductance, dissolved oxygen, and oxidation/reduction potential

Water Board staff notified Chevron of enrollment in the General Waiver Program on March 28, 2012.

General Waste Discharge Requirements for Discharges of Winery Waste, Order No. R3-2008-0018

Cocavin Winery, Paso Robles, San Luis Obispo County

[David LaCaro 805/549-3892]

Water Board staff enrolled Cocavin Winery under the Small Winery Waiver on March 28, 2012. Cocavin Winery is located at 5820 Adelaida Road in Paso Robles, San Luis Obispo County. Cocavin Winery will produce up to 10,000 cases of wine annually. Process wastewater will be collected and primarily treated in a 9,000-gallon clarification tank equipped with an effluent filter. The treated process wastewater will be reused for vineyard irrigation and dust control. Accumulated solids (seeds, stems, skins) will be composted onsite and applied to the adjacent vineyards and landscape as soil amendments. The Water Board may revoke this waiver and prescribe Waste Discharge Requirements at any time if Cocavin Winery fails to comply with the prohibitions, recommendations, and specifications of the General Order.