

EXECUTIVE OFFICER SUMMARY REPORT  
June 25, 2008

- ITEM: 6
- SUBJECT: Waste Discharge Requirements: Resource Environmental Limited Liability Corporation, In-situ Chemical Oxidation Project at 105 And 112 Rancho Santa Fe Road, San Marcos, San Diego County (tentative Order No. R9-2008-0071)
- PURPOSE: To adopt tentative Order No. R9-2008-0071 (Supporting Document No. 2), Waste Discharge Requirements for discharge of oxidants into groundwater for the cleanup of petroleum hydrocarbons, volatile organic compounds, and fuel oxygenates in the vicinity of the two subject service stations.
- PUBLIC NOTICE: Notification of this action was also included in the June 25, 2008 agenda notice, which was mailed on June 5, 2008 and has been posted on the Regional Board web page. This notification satisfies the requirements of California Government Code section 11125 for a 10-day notice.
- DISCUSSION: Resource Environmental Limited Liability Corporation (Discharger) proposes to discharge oxidants (sodium persulfate and calcium peroxide) into groundwater in the vicinity of the subject service stations in San Marcos, San Diego County (Supporting Document No. 1). The discharge of these chemicals is to enhance remediation of petroleum hydrocarbons, volatile organic compounds (VOCs), and fuel oxygenates that have been detected in groundwater. Application of these chemicals may result in unintended adverse effects to groundwater quality, but with proper management, these potential effects will be localized, of short term duration, and are not expected to unreasonably impair any existing or prospective use of groundwater.
- Prior to commencement of the full project, the Discharger will conduct a pilot study at the 105 S. Rancho Santa Fe site to assess the effectiveness of the proposed remedial action. In addition, the Discharger will be required to implement a monitoring and reporting program for the project to assess the effectiveness of the management measures that will be

implemented to ensure downgradient water quality is not impacted by the discharge.

On June 10, 2008 (Supporting Document No. 3), tentative Order No. R9-2008-0071 was mailed to the Discharger and interested parties. To date, no comments have been received regarding this item.

Adoption of these WDRs constitute a project under California Environmental Quality Act (CEQA) that required the Regional Board to prepare and circulate a Negative Declaration. The Regional Board must adopt this Negative Declaration prior to adopting these WDRs.

COMPLIANCE  
RECORD:

Not applicable

SIGNIFICANT  
CHANGES:

This is a new discharge.

KEY ISSUES:

None.

LEGAL CONCERNS:

None.

SUPPORTING DOCS:

1. Location Map
2. Tentative Order No. R9-2008-0071
3. Transmittal Letter to Dischargers

RECOMMENDATION:

Adoption of tentative Order No. R9-2008-0071 is recommended.