



California Regional Water Quality Control Board
Central Valley Region

Karl E. Longley, ScD, P.E., Chair



Linda S. Adams
Secretary for
Environmental
Protection

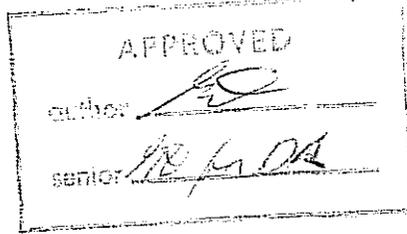
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Arnold
Schwarzenegger
Governor

23 December 2008

Mr. James Diel
Manager, Site Remediation
Union Pacific Railroad Company
9451 Atkinson Street, Suite 100
Roseville, CA 95747

FILE



CERTIFIED MAIL
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NOTICE OF APPLICABILITY (NOA); GENERAL WASTE DISCHARGE REQUIREMENTS ORDER NO. R5-2008-0085 (GENERAL ORDER); DISCHARGE OF GROUNDWATER FROM CLEANUP OF PETROLEUM FUEL POLLUTION TO SURFACE WATERS; UPRR BUNKER FUEL RELEASE, PLACER COUNTY

Our office received a Notice of Intent (NOI) on 8 May 2008 from the Union Pacific Railroad Company (Discharger) for the Colfax Bunker Fuel Release Project. Based on the information in the submittal, we have determined that the project meets the required conditions for approval under the General Order for Discharge of Groundwater from Cleanup of Petroleum Fuel Pollution To Surface Waters (General Order No. R5-2008-0085). This project is hereby assigned General Order No. R5-2008-0085-001 and National Pollutant Discharge Elimination System (NPDES) Permit No. CAG915001.

CALIFORNIA TOXIC RULE / STATE IMPLEMENTATION POLICY SAMPLING

The General Order (enclosed) may also be viewed at the following web address: http://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/general_orders/r5-2008-0085.pdf. You are urged to familiarize yourself with the contents of the entire document. The General Order prescribes mandatory discharge monitoring requirements. The project activities shall be operated in accordance with the requirements contained in the General Order and with the information submitted in the NOI. This General Order incorporates the requirements of the California Toxic Rule (CTR) and the State Water Resources Control Board's (State Water Board), *Policy for Implementation of Toxic Standards for Inland Surface Waters, Enclosed Bays, and Estuaries of California, 2005*, also known as the State Implementation Policy (SIP). Screening levels for CTR constituents or Priority Pollutants are found in Attachment B of the General Order.

SCREENING REQUIREMENTS FOR DISCHARGES TO SPECIFIC WATERBODIES

Direct discharge into three specific water bodies is noted in Attachment C of the General Order. This project does not propose to discharge into any of these specific water bodies.

Review of your data showed no Reasonable Potential to impact the receiving waters. Therefore, no additional effluent limitations or additional monitoring requirements will be required for this project.

PROJECT DESCRIPTION

Seepage from a hillside below the Colfax rail yard contains bunker fuel (TPH). The TPH and groundwater will be collected in a pond that acts as an oil-water separator. The area around the pond will be graded to divert overland flow from precipitation away from the collection pond.

Bunker fuel will be collected and removed from the surface of the pond using petroleum collecting devices such as pom-poms. Water from the pond will be plumbed to a concrete bunker for drainage through a filter-bed of activated carbon to remove residual dissolved TPH. The carbon filter is designed to treat up to 50 gallons per minute (gpm) on a continual basis, and handle surges up to 100 gpm. Extreme events of flows over 100 gpm will be diverted around the box through over-flow plumbing. The overflow will be diverted from the bottom of the pond, preventing TPH from the surface of the pond from being spilled.

The outfall from the activated carbon filter will be discharged into a natural channel that carries an ephemeral stream. During dry months, the discharge from the activated carbon filter is likely to become the base flow of the ephemeral stream, but all low flow discharges less than 50 gpm will be treated by the activated carbon.

REPORTING

Quarterly Reports shall be submitted to the Regional Water Board office (Attention: NPDES Program) by the first day of the second month following each calendar quarter. Reporting requirements are found in Attachment E.

GENERAL INFORMATION AND REQUIREMENTS

The Discharger will be required to follow their Pollution Prevention and Monitoring and Reporting Plan. Effluent and receiving water monitoring of this dewatering/low threat discharge shall be conducted and submitted to the Regional Water Board, quarterly, until completion of the project. The Regional Water Board shall be notified immediately if any violation, nuisance, or detriment to the receiving water is observed during implementation of the project.

Failure to comply with the Effluent Limitations and Receiving Water Monitoring requirements in the General Order could result in an enforcement action as authorized by provisions of the California Water Code. Discharge of material other than what is described in the NOI is prohibited.

The required annual fee (as specified in the annual billing you will receive from the State Water Resources Control Board) shall be submitted until this Notice of Applicability is officially terminated. You must notify this office in writing when the project has been completed and the discharge is no longer necessary, so we may terminate applicability of this General Order and avoid additional unnecessary billing.

Violations of the effluent limitations contained in this order may be subject to a \$3,000 Mandatory Minimum Penalty (MMP) per violation for serious or chronic violations if certain conditions are met [Water Code Section 13385(h) and (i)]. In addition, an effluent monitoring report received more than 30 days after its due date is subject to a \$3,000 MMP. An additional \$3,000 MMP is mandated for each additional 30 days a report is late. If you have

no discharge, you must still submit a report indicating that no discharge occurred, or you may be subject to the MMP.

If you have any question or comments regarding your General Order coverage, please contact Gerald Djuth of our office at (916) 464-4677 or at gdjuth@waterboards.ca.gov.

Original signed by

PAMELA C. CREEDON
Executive Officer

Enclosure: General Order No. R5-2008-0085 (Discharger only)

cc: U.S. Environmental Protection Agency, Region IX, San Francisco
U.S. Army Corps of Engineers, Sacramento
Department of Fish and Game, Region 2, Rancho Cordova
Ms. Lori Okun, Office of Chief Counsel, State Water Board, Sacramento
Mr. Phil Isorena, Division of Water Quality, State Water Board, Sacramento
Ms. Susan Kelly, Central Valley Regional Water Quality Control Board, Rancho Cordova
Mr. Brian Garber, CH2M-HILL, Sacramento