



California Regional Water Quality Control Board Central Valley Region

Katherine Hart, Chair



Linda S. Adams
Acting Secretary for
Environmental Protection

11020 Sun Center Drive, #200, Rancho Cordova, California 95670-6114
(916) 464-3291 • FAX (916) 464-4645
<http://www.waterboards.ca.gov/centralvalley>

Edmund G. Brown Jr.
Governor

19 May 2011

Mr. Greg Pryor, General Manager
Recology Hay Road
6426 Hay Road
Vacaville, CA 95687

CERTIFIED MAIL
7010 1670 0002 0652 1589

NOTICE OF APPLICABILITY (NOA); LIMITED THREAT GENERAL WASTE DISCHARGE REQUIREMENTS ORDER NO. R5-2008-0082; RECOLOGY HAY ROAD LANDFILL PROJECT; SOLANO COUNTY

Our office received a Report of Waste Discharge (RoWD) application on 14 March 2011 from Recology Hay Road for the Recology Hay Road Project. Based on the RoWD application and subsequent information submitted by the Discharger, we have determined that the project meets the required conditions for approval under the General Order for Limited Threat Discharges of Treated/Untreated Groundwater from Cleanup Sites, Wastewater from Superchlorination Projects, and Other Limited Threat Wastewaters to Surface Water (Limited Threat General Order). For this Limited Threat General Order, Recology Hay Road is designated as the Discharger. This project is hereby assigned Limited Threat General Order No. R5-2008-0082-019 and National Pollutant Discharge Elimination System (NPDES) Permit No. CAG995002. Please reference your unique Order number, R5-2008-0082-019, in your correspondence and submitted documents.

The Limited Threat General Order (enclosed) may also be viewed at the following web address:

http://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/general_orders/r5-2008-0082.pdf. You are urged to familiarize yourself with the contents of the entire document. The Limited Threat General Order prescribes mandatory discharge monitoring requirements. The project activities shall be operated in accordance with the requirements contained in this NOA, the Limited Threat General Order, and with the information submitted by the Discharger.

The discharge from the subject project was previously regulated under the Low Threat General Order No. R5-2008-0081-043, for dewatering activities that began in November 2009. Coverage under this Limited Threat General Order No. R5-2008-0082-019 and termination of the Low Threat General Order No. R5-2008-0081-043 is effective as of the date of this letter.

CALIFORNIA TOXIC RULE / STATE IMPLEMENTATION POLICY MONITORING

The Limited Threat General Order incorporates the requirements of the California Toxic Rule (CTR) and the State Water Resources Control Board's (State Water Board), *Policy for*

California Environmental Protection Agency



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 the Priority Pollutants constituents are found in Attachment B of the Low Threat General Order No. R5-2008-081. Review of the priority pollutant laboratory data in comparison to the Most Stringent Objective/Criteria values, showed no reasonable potential to impact the receiving waters known as the Ulatis Creek.

The receiving waters are not listed under the Clean Water Act 303(d) List of impaired water bodies. Therefore, no additional effluent limitations or additional monitoring requirements will be added to this Limited Threat General Order.

PROJECT DESCRIPTION

Recology Hay Road Landfill is located approximately eight miles east of the City of Vacaville. The Discharger, Recology Hay Road, proposes to discharge groundwater from dewatering activities from land that is located directly west of the existing landfill, known as the "borrow pit" area. The dewatering is necessary to harvest earthen material as landfill cover and for base liner construction. The need for earthen material normally occurs about every two years and will continue for the life of the borrow pit area.

Groundwater extraction wells have been installed in the southeastern section of the borrow pit. The dewatering activities and discharge rate vary by season and are intermittent, with an average flow rate of 0.72 million gallons daily; however, once dewatering activities begins, the maximum rate will be up to one million gallons daily. Dewatering activities began in early May 2011 and may exceed the four consecutive months in duration flow restriction of the Low Threat General Order. Therefore, the Discharger has requested coverage under the Limited Threat General Order, since there are no flow limitation requirements in the Limited Threat General Order.

The groundwater discharge will enter an on-site channel at a point along Highway 113. The channel then extends under Highway 113 and flows north for approximately ½ mile into the A-1 channel of Alamo Creek. The groundwater discharge then flows into Ulatis Creek, located approximately three miles from the site.

MONITORING AND REPORTING

The Discharger is required to comply with all the monitoring and reporting requirements contained in Attachment E of the Limited Threat General Order. This includes notifying California Regional Water Quality Control Board, Central Valley Region (Regional Water Board) staff 24 hours before the start of each new discharge, notification of noncompliance or anticipated noncompliance, and quarterly reporting of monitoring results.

Effluent and receiving water monitoring shall be conducted and submitted to the Regional Water Board on a quarterly basis. When conducting the receiving water sampling, only EC, and THMs shall be monitored concurrently with effluent sampling. You must submit quarterly reports, even if there is no discharge or receiving water flow during the reporting quarter, until

Regional Water Board staff formally terminate your coverage under the Limited Threat General Order.

GENERAL INFORMATION AND REQUIREMENTS

Discharge of material other than what is described in the application is prohibited. The required annual fee (as specified in the annual billing you will receive from the State Water Board) shall be submitted until this NOA is officially terminated. You must notify this office in writing if the discharge regulated by this Limited Threat General Order is no longer necessary. If a timely written request is not received, then the Discharger will be required to pay additional annual fees as determined by the State Water Resources Control Board.

ENFORCEMENT

Failure to comply with the Limited Threat General Order may result in enforcement actions, which could include civil liability. Effluent limitation violations are subject to a Mandatory Minimum Penalty (MMP) of \$3,000 per violation. Late reports may be subject to an MMP of \$3,000 per each period of 30 days late. When discharges do not occur during a quarterly report monitoring period, the Discharger must still submit a quarterly report indicating that no discharge occurred to avoid being subject to enforcement actions.

COMMUNICATION

All monitoring reports submittals, notification of the beginning and end of discharge, and questions regarding compliance and enforcement shall be directed to Spencer Joplin of the Central Valley Water Board's NPDES Permitting Unit. Mr. Joplin can be reached at (916) 464-4623 or sjoplin@waterboards.ca.gov.

Questions regarding the permitting aspects of your Limited Threat General Order, and written notification for termination of coverage under this Order, shall be directed to Mike Negrete of the Central Valley Water Board's NPDES Permitting Unit. Mr. Negrete can be reached at (916) 464-4662 or mnegrete@waterboards.ca.gov.

Original Signed by Frederick S. Moss for

Pamela C. Creedon
Executive Officer

Enclosure: General Order No. R5-2008-0082 (Discharger only)

cc: U.S. Environmental Protection Agency, Region IX, San Francisco
Mr. Phil Isorena, Division of Water Quality, State Water Board, Sacramento
Ms. Wendy Wyels, Enforcement Section Chief, Central Valley Water Board,
Sacramento