



EDMUND G. BROWN JR.
GOVERNOR



MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

Central Valley Regional Water Quality Control Board

17 July 2013

Paul Siebemsohn
Director of Field Operations
Rancho Murieta Community Services District
15160 Jackson Road
Sacramento, CA 95683

CERTIFIED MAIL
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NOTICE OF APPLICABILITY (NOA); STATEWIDE AQUATIC WEED CONTROL GENERAL WASTE DISCHARGE REQUIREMENTS ORDER 2004-0009-DWQ; RANCHO MURIETA COMMUNITY SERVICES DISTRICT PROJECT, RANCHO MURIETA COMMUNITY SERVICES DISTRICT, SACRAMENTO COUNTY

The Central Valley Regional Water Quality Control Board (Central Valley Water Board) received a Notice of Intent (NOI) Package on 24 April 2013 from the Rancho Murieta Community Services District (Discharger), for the Rancho Murieta Community Services District Project (Project). The Discharger also included an Aquatic Pesticides Application Plan (APAP), a vicinity map, and a copy of the check submitted to the State Water Resources Control Board (State Water Board) as payment for the first annual fee. Submittal of this package authorizes discharge of pollutants associated with the application of herbicides. Based on the information in the NOI and the APAP, Central Valley Water Board staff has determined that the Project meets the required conditions for approval under the *Statewide General National Pollutant Discharge Elimination System Permit for the Discharge of Aquatic Pesticides for Aquatic Weed Control in Waters of the United States* (Aquatic Weed Control General Order). Therefore, this NOA confirms coverage under the Aquatic Weed Control General Order. This Project is hereby assigned Aquatic Weed Control General Order **2004-0009-DWQ-R5S-066**. Please reference this number in your future correspondence and submitted documents.

The Aquatic Weed Control General Order (enclosed) may be viewed at the following web address:

http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/wqp13.shtml.

You are urged to familiarize yourself with the contents of the entire document; the Waste Discharge Requirements are contained on pages seven through eleven, and Attachment C prescribes the monitoring and reporting requirements. The project activities shall be operated in accordance with the requirements contained in this NOA, the Aquatic Weed Control General Order, and with the information submitted by the Discharger.

PROJECT DESCRIPTION

The Discharge proposes to use aquatic herbicide to control algae that produces an odor problem in the water supply reservoirs. The Discharger diverts water from the Consumnes River between 1 November and 31 May and stores it in three reservoirs: Calero, Chesbro, and Clementia. Currently only Calero and Chesbro Reservoirs are used as potable water sources, with Clementia Reservoir as a backup water supply.

The Discharger is treating for algae, which imparts taste and odor into the reservoirs. The organic taste and odor compounds that had been identified as being produced from the algae are geosmin and 2-methylisoborneol, these types of taste and odor compounds give a fishy taste and odor to waters. Geosmin is responsible for the muddy smell in bottom-dwelling freshwater fish such as carp and catfish. The Discharger proposes to apply the herbicides to Calero, Chesbro, and Clementia Reservoirs and the smaller bodies of water in the surrounding area including: Launa Joaquin, Basin 5, Guadalupe, Bass Lake, hole 10 North Pond, 6B Basin, South Hole 10 Pond, South Hole 11 Pond, South Hole 6 North Pond, South Hole 16 Pond, South Hole 17 Pond, and North Hole 2. The herbicides will be applied annually, as necessary, from 1 January to 31 December in accordance with the Best Management Practices (BMPs) contained in this NOA and in the 24 April 2013 APAP.

The Discharger is authorized to discharge pollutants associated with the application of the herbicides shown in the following table for the water bodies listed previously. If the Discharger uses additional or alternative herbicides the Discharger must submit an amended APAP that includes BMPs to abate and control the discharge of pollutants associated with the proposed herbicide.

	Herbicide	Method
1	Citrine Plus	Drip System
2	Reward	Spray Gun
3	Green Clean Pro	Spray Gun, Foamer, Injection, Bagged/Dragging
4	Copper Sulfate	Spray Gun
5	R-11 Surfactant	Spreader, Spray Tank

BEST MANAGEMENT PRACTICES

All herbicide applications will be supervised by a California Department of Pesticide Regulation certified applicator that has received training specific to the herbicide products listed in this NOA. The use of the herbicides must be consistent with the Federal Insecticide, Fungicide, and Rodenticide Act pesticide label instructions. BMPs stated in the 24 April 2013 APAP must be implemented. Additionally, all equipment will be in good repair, appropriate for application and detoxified between uses. Pesticides will be mixed in a safe manner according to manufacturer recommendations. All work will cease if winds exceed 10 mph or if other environmental conditions produce a wind drift. Aquatic applications will begin from the downstream end of a project to the upstream end to avoid a buildup of product in the flowing water. A pesticide application log will be maintained, as specified in Section D. 6. Pesticide Application Log, in the Aquatic Weed Control General Order.

RECEIVING WATER LIMITATIONS

The Cosumnes River has, in part, the beneficial uses of Municipal and Domestic Supply, Warm Freshwater Habitat, Warm Spawning, Reproduction, and/or Early Development. Receiving Water Limitations are contained in Section C of the Aquatic Weed Control General Order. Receiving Water Limitations are contained in Section C of the Aquatic Weed Control General Order. Applicable constituent and parameter limitations are based on these beneficial uses of the receiving water.

MONITORING AND REPORTING

The Discharger shall comply with the Monitoring and Reporting Program contained in Attachment C of the Aquatic Weed Control General Order.

Annual Reports must be submitted to our office by **1 March** of each year. Reporting requirements for the Annual Reports are found in Section D. REPORTING. Based on the monitoring results, the Discharger shall make recommendations for improvements to the 24 April 2013 APAP including implementation of additional Best Management Practices.

GENERAL INFORMATION AND REQUIREMENTS

To terminate coverage under the Aquatic Weed Control General Order, the Discharger must submit written notification to the Central Valley Water Board, or State Water Board, that the discharge regulated by this Permit has ceased and is no longer necessary.

ENFORCEMENT

Failure to comply with the Aquatic Weed Control General Order may result in enforcement actions, which may include civil liability.

COMMUNICATION

All Annual Reports and questions regarding the permitting aspects of this Aquatic Weed Control General Order, and written notification for termination of coverage under this Order, shall be directed James Marshall of the Central Valley Water Board's NPDES Permitting Unit. Mr. Marshall can be reached at (916) 464-4772 or James.Marshall@waterboards.ca.gov.

Any person aggrieved by this action of the Central Valley Water Board may petition the State Water Board to review the action in accordance with California Water Code Section 13320 and California Code of Regulations, Title 23, Sections 2050 and following. The State Water Board must receive the petition by 5:00 p.m., 30 days after the date of this NOA, except that if the thirtieth day following the date of this Order falls on a Saturday, Sunday, or state holiday, the petition must be received by the State Water Board by 5:00 p.m. on the next business day.

Copies of the law and regulations applicable to filing petitions may be found on the Internet at: http://www.waterboards.ca.gov/public_notices/petitions/water_quality or will be provided upon request.

Original Signed by Kenneth Landau for

Pamela C. Creedon
Executive Officer

Enclosure: General Order 2004-0009-DWQ (Discharger only)

cc: Dave Smith, U.S. Environmental Protection Agency, Region IX, San Francisco
Phil Isorena, Division of Water Quality, State Water Board, Sacramento