

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD CENTRAL VALLEY REGION

ORDER R5-2011-XXXX

AMENDING WASTE DISCHARGE REQUIREMENTS  
ORDER R5-2010-0039  
NPDES NO. CA0083861  
FOR  
AEROJET-GENERAL CORPORATION  
INTERIM GROUNDWATER EXTRACTION AND TREATMENT SYSTEMS  
ARGET, GET E/F, GET H-A, GET J, GET K-A,  
GET L-A, GET L-B, SAILOR BAR PARK WELL, CHETTENHAM WELL,  
GOLDEN STATE WATER WELLS AND LOW THREAT DISCHARGES  
SACRAMENTO COUNTY

The California Regional Water Quality Control Board, Central Valley Region, (hereafter "Central Valley Water Board") finds:

1. On 18 March 2010, the Central Valley Water Board adopted Waste Discharge Requirements ("WDRs") Order R5-2010-0039, NPDES No. CA0083861, renewing the permit prescribing waste discharge requirements for the Aerojet-General Corporation, Interim Groundwater Extraction and Treatment Systems in Sacramento County. For the purposes of this Order, the Aerojet-General Corporation is hereafter referred to as "Discharger." The Discharger owns and operates several groundwater extraction and treatment systems ("GETs") designed to cleanup the groundwater pollution emanating from the Discharger's rocket-testing and manufacturing facility in eastern Sacramento County.
2. During evaluation of the permit for renewal prior to its adoption, Central Valley Water Board staff completed the required NPDES Permit Rating Work Sheet. Completing the work sheet results in the determination of whether the discharge is considered a major discharge or a minor discharge. The score from the rating work sheet was 44.5, identical to the scoring for the previous version of the permit. That score produces a discharge rating of minor (greater than 80 results in a designation as a major), which was designated in the old permit. The rating sheet also allows discharges scoring as minor to be designated as a discretionary major. During the latest ratings evaluation it was decided to make the discharge a discretionary major due to the large total volume of the discharges from the groundwater extraction and treatment systems – up to 39 million gallons per day. This flow comes from seven groundwater extraction and treatment systems and four water supply well treatment systems.
3. Changing classification from minor to major results in several additional regulatory requirements including inspections and USEPA monitoring and reporting requirements. In the Discharger's case, the inspections were already being, and will continue to be, conducted to meet the frequency and sampling needs of a major permit. The additional reporting requirements for USEPA results in the need to complete, by hand, over 250

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additional pages of forms each month. The information submitted on the forms is the same information as that has been submitted monthly in hard copy form and electronically to the Central Valley Water Board and State Water Resources Control Board's CIWQS system, respectively, only in a different format.

4. The individual discharges, when taken separately, would not warrant a designation as a discretionary major. In addition, the extra reporting requirements required of a major discharge do not enhance the ability to adequately regulate this Discharger under the permit. The necessary information is already supplied in monthly monitor reports in a useful format. Inspection and sampling frequency is already sufficient to meet the needs for regulatory oversight of a minor or major discharge and this will continue.
5. Therefore it is appropriate to designate the discharge as a minor discharge, instead of the newly assigned discretionary major designation.
6. The Central Valley Water Board has notified the Discharger and interested agencies and persons of its intent to amend waste discharge requirements for this discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
7. Under Water Code section 13389, this action to amend an NPDES permit is exempt from the provisions of the California Environmental Quality Act (Pub. Resources Code, § 21100 et seq.).
8. The Central Valley Water Board, in a public meeting, heard and considered all comments pertaining to the discharge.
9. This Order shall amend WDRs Order R5-2010-0039, NPDES No. CA0083861, pursuant to Section 402 of the federal Clean Water Act (33 U.S.C. § 1342), and amendments thereto, and shall take effect upon the date of hearing, provided USEPA has no objections.

**IT IS HEREBY ORDERED** that Order R5-2010-0039 is amended solely to change the classification of the discharge from major to minor, as shown below in underline/strikeout format. The Aerojet-General Corporation, its agents, successors and assigns, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Clean Water Act and regulations and guidelines adopted thereunder, shall comply with Amended Order R5-2010-0039.

1. Modify the Table on Page 2 of the Waste Discharge Requirements, as described below:

This Order was adopted by the Regional Board on:	<b>18 March 2010</b>
This Order shall become effective on:	<b>18 March 2010</b>
This Order shall expire on:	<b>1 March 2015</b>
The U.S. Environmental Protection Agency (U.S. EPA) and the Regional Board have classified this discharge as a <del>major</del> <u>minor</u> discharge.	
The Discharger shall file a Report of Waste Discharge in accordance with Title 23, California Code of Regulations, <b>not later than 180 days in advance of the Order expiration date</b> as application for issuance of new waste discharge requirements.	

2. Modify the Table on Page F-3 of the Fact Sheet (Attachment F), as described below:

<b>WDID</b>	<b>5A342000006</b>
<b>Discharger</b>	Aerojet-General Corporation
<b>Name of Facilities</b>	ARGET, GET E/F, GET H, GET J, GET K-A, GET L-A, GET L-B, Sailor Bar Park Well, Chettenham Well, Golden State Wells – AC-6, AC-18 and AC-23
<b>Facility Address</b>	Aerojet Road Sacramento, CA 95813-6000 Sacramento County
<b>Facility Contact, Title and Phone</b>	Chris Fennessy, Project Manager, (916) 355-3341
<b>Authorized Person to Sign and Submit Reports</b>	Gerald Swanick, Director Environmental Operations, (916) 355-3558
<b>Mailing Address</b>	P.O. Box 13222, Sacramento, CA 95813-6000
<b>Billing Address</b>	P.O. Box 13222, Sacramento, CA 95813-6000
<b>Type of Facility</b>	Groundwater Extraction and Treatment Facilities
<b>Major or Minor Facility</b>	<del>Major</del> Minor
<b>Threat to Water Quality</b>	2
<b>Complexity</b>	B
<b>Pretreatment Program</b>	Not Applicable
<b>Reclamation Requirements</b>	Not Applicable
<b>Facilities Permitted Flow</b>	39.09 million gallons per day (mgd)
<b>Facilities Design Flow</b>	Not Applicable
<b>Watershed</b>	American and Sacramento Rivers
<b>Receiving Water</b>	Buffalo Creek, Morrison Creek, American River, Alder Creek, Sailor Bar Park Pond
<b>Receiving Water Type</b>	Stream and Pond

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AEROJET-GENERAL CORPORATION

GROUNDWATER EXTRACTION AND TREATMENT SYSTEMS

ARGET, GET E/F, GET H-A, GET J, GET K, GET L-A, GET L-B,

GOLDEN STATE WATER WELLS, CHETTENHAM WELL AND SAILOR BAR PARK WELL

SACRAMENTO COUNTY

I, Pamela C. Creedon, Executive Officer, do hereby certify the following is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Central Valley Region, on XX XXXXXXXX 2011.

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PAMELA C. CREEDON, Executive Officer