



Central Valley Regional Water Quality Control Board

01 November 2021

Scott Goulart
Aerojet Rocketdyne Inc.
11260 Pyrites Way, Suite 125
Rancho Cordova, CA 95670

Via email only:
scott.goulart@rocket.com

OFFER TO PARTICIPATE IN THE EXPEDITED PAYMENT LETTER PROGRAM RELATING TO ADMINISTRATIVE CIVIL LIABILITY R5-2021-0530 FOR ASSESSMENT OF MANDATORY MINIMUM PENALTIES, AEROJET ROCKETDYNE INC., GROUNDWATER EXTRACTION AND TREATMENT SYSTEMS, SACRAMENTO COUNTY

Aerojet Rocketdyne Inc. (Discharger) discharges treated wastewater from its groundwater extraction and treatment systems (GETs), which is regulated under Waste Discharge Requirements (WDRs) Order R5-2017-0095 (NPDES CA0083861) through 1 November 2020, when it was rescinded and replaced by WDRs R5-2020-0051. On 18 February 2021, WDRs R5-2020-0051 is amended by R5-2021-0002 and replaced by R5-2020-0051-001. This Offer to Participate in the Central Valley Regional Water Quality Control Board's (Central Valley Water Board's) Expedited Payment Letter (EPL) Program (Conditional Offer) provides the Discharger with an opportunity to resolve mandatory minimum penalties for alleged NPDES permit violations without a formal administrative civil liability complaint. The alleged mandatory minimum penalty, in the amount of eighteen thousand dollars (\$18,000), represents the sum of accrued mandatory minimum penalties for the effluent limitation violation specifically identified in the Record of Violations (Attachment A), attached hereto and incorporated herein by reference, that occurred between 1 January 2020 through 31 May 2021.

NOTICE OF VIOLATION AND RECORD OF VIOLATIONS

Based on the Dischargers' self-monitoring reports, the Central Valley Water Board Prosecution Team sent the Dischargers a Notice of Violation and Record of Violations (ROV) on 15 September 2021 notifying the Dischargers of effluent limit violations and corresponding violations of the California Water Code. On 29 September 2021, the Discharger responded to the ROV acknowledging all the violations of effluent limitations cited in the ROV. However, the Discharger disagrees with the penalties assessed for the four effluent violations for acetaldehyde. The Discharger stated that acetaldehyde is not present in the influent, rather it is a byproduct of the operation of a biological system to treat perchlorate. The Discharger believes that these acetaldehyde violations

KARL E. LONGLEY ScD, P.E., CHAIR | PATRICK PULUPA, ESQ., EXECUTIVE OFFICER

plausibly due to biological treatment system upset and requested that these violations be considered as a result of a single operational upset. On 7 October 2021, the Board staff responded to the Discharger and stated that the U.S. EPA defines “single operational upset” as “an exceptional incident which causes simultaneous, unintentional, unknowing (not the result of a knowing act or omission), temporary noncompliance with more than one Clean Water Act effluent discharge pollutant parameter. Single operational upset does not include...noncompliance to the extent caused by improperly designed or inadequate treatment facilities. Therefore, Board staff continues to allege the violations. Following the Discharger’s review of the ROV, the Central Valley Water Board Prosecution Team confirmed that the violations listed in the ROV are subject to mandatory minimum penalties. This Offer to Participate in the Central Valley Water Board’s Expedited Payment Program addresses all effluent limitation violations that occurred between 1 January 2020 through 31 May 2021.

STATUTORY LIABILITY

Water Code section 13385(h) and (i) require the assessment of a mandatory minimum penalty of \$3,000 for each specified serious and chronic effluent limit violation. Pursuant to Water Code section 13385.1(a), the failure to file a discharge monitoring report required pursuant to section 13383 for each complete period of thirty (30) days following the deadline for submitting the report also constitutes a serious violation subject to a mandatory minimum penalty under Water Code section 13385(h). The Discharger may also be subject to discretionary administrative civil liabilities pursuant to Water Code section 13385(c) of up to \$10,000 for each day in which the violation occurs, and \$10 for each gallon discharged but not cleaned up in excess of 1,000 gallons. These mandatory minimum penalties and discretionary administrative civil liabilities may be assessed by the Central Valley Water Board beginning with the date that the violations first occurred. The formal enforcement action that the Central Valley Water Board uses to assess such liability is an administrative civil liability complaint, although the Central Valley Water Board may instead refer such matters to the Attorney General’s Office for prosecution. If referred to the Attorney General for prosecution, the Superior Court may assess up to \$25,000 for each day in which the violation occurs, and \$25 for each gallon discharged but not cleaned up in excess of 1,000 gallons.

SETTLEMENT OFFER

The Discharger can avoid the issuance of a formal enforcement action and settle the alleged violations identified in Attachment A by participating in the EPL Program.

To promote resolution of these violations, the Central Valley Water Board Prosecution Team makes this Conditional Offer. The Central Valley Water Board’s Prosecution Team proposes to resolve the violation without the issuance of a formal enforcement action through this Conditional Offer assessing **eighteen thousand dollars (\$18,000)** in mandatory minimum penalties. If the Discharger accepts this proposal, subject to the conditions below, the Central Valley Water Board Prosecution Team will accept that payment in settlement of any enforcement action that would otherwise arise out of the violations identified in Attachment A. Accordingly, the Central Valley Water Board Prosecution Team will forego issuance of a formal administrative civil liability complaint, will not refer the violations to the Attorney General, and will waive its right to seek

additional discretionary civil liabilities for the violations identified in Attachment A. This Conditional Offer does not address or resolve liability for any violation that is not specifically identified in Attachment A, regardless of the date that the violation occurred.

If the Discharger accepts this Conditional Offer, please complete, and return the enclosed "Acceptance of Conditional Resolution and Waiver of Right to Hearing; (proposed) Order" (Acceptance and Waiver) on or before **01 December 2021**. The Acceptance and Waiver constitutes a settlement of the violations specifically identified in Attachment A.

CONDITIONS FOR CENTRAL VALLEY WATER BOARD ACCEPTANCE OF RESOLUTION

Federal regulations require the Central Valley Water Board to publish and allow the public thirty (30) days to comment on any settlement of an enforcement action addressing NPDES permit violations (40 C.F.R. section 123.27(d)(2)(iii)). Notice of this settlement will be published on the Central Valley Water Board's website at:

[This Settlement Notice](https://www.waterboards.ca.gov/centralvalley/board_decisions/tentative_orders/)

(https://www.waterboards.ca.gov/centralvalley/board_decisions/tentative_orders/)

If no comments are received within the 30-day comment period, and unless there are new material facts that become available to the Central Valley Water Board, the Executive Officer or his designee will execute the Acceptance and Waiver as a stipulated order assessing the uncontested mandatory minimum penalty amount pursuant to Water Code sections 13385.

However, if significant comments are received in opposition to the settlement, this Conditional Offer may be withdrawn. In that case, the Discharger's waiver pursuant to the Acceptance and Waiver will be void and the violation(s) will be addressed in an administrative civil liability hearing. At the hearing, the Discharger will be free to make arguments to any of the alleged violations, and the Discharger's prior agreement to accept this Conditional Offer will be treated as a settlement communication and will not in any way be binding or used as evidence against the Discharger. The Discharger will be provided with further information on the administrative civil liability hearing process.

If the Discharger chooses to sign the Acceptance and Waiver, full payment of the assessed amount may be submitted with the waiver. However, full payment of the assessed amount shall be due no later than thirty (30) calendar days after the date the Acceptance and Waiver is executed by the Executive Officer. In accordance with California Water Code section 13385(n)(1) and California Water Code section 13385.1(c)(1), funds collected for violations of effluent limitations and reporting requirements pursuant to section 13385 and 13385.1 shall be deposited in the State Water Pollution Cleanup and Abatement Account. Accordingly, the **\$18,000** liability shall be paid by cashiers or certified check made out to the "State Water Pollution Cleanup and Abatement Account". Failure to pay the full penalty within the required time period may subject the Discharger to further liability.

The Discharger shall indicate on the check the number of this EPL and send it to the State Water Resources Control Board, Accounting Office, Attn: EPL R5-2021-0530 Payment, PO Box 1888, Sacramento, California, 95812-1888. The waiver and a copy of the check must also be mailed to the Central Valley Water Board at 11020 Sun Center Drive #200, Rancho Cordova, CA, 95670 attention to Xuan Luo.

If you have any questions or comments regarding this Conditional Offer, please contact Xuan Luo at (916) 464-4606 or Xuan.Luo@waterboards.ca.gov.

Originally digitally signed by
Date: 2021.11.01 22:24:42 -07'00"

John J. Baum
Assistant Executive Officer

Enclosures (2): Attachment A Record of Violations
Acceptance of Conditional Resolution and Waiver of Right to Hearing

cc w/o encl: Eric Magnan, USEPA, Region 9, San Francisco
David Boyers, Office of Enforcement, SWRCB, Sacramento
Patrick Pulupa, Central Valley Water Board Advisory Team, Rancho Cordova
Jessica Jahr, Office of Chief Counsel, SWRCB, Sacramento
Adam Laputz, Central Valley Water Board Advisory Team, Sacramento
Chris Fennessy, Aerojet Rocketdyne Inc.
Alex MacDonald, Central Valley Water Board, Rancho Cordova

**ATTACHMENT A TO SETTLEMENT OFFER NO. R5-2021-0530
Record of Violations Subject to Mandatory Minimum Penalties**

**ATTACHMENT A
RECORD OF VIOLATIONS FOR ASSESSING MANDATORY MINIMUM PENALTIES**

**Aerojet Rocketdyne Inc.
Groundwater Extraction and Treatment System**

RECORD OF VIOLATIONS (1 January 2020 – 31 May 2021) MANDATORY PENALTIES
(Data reported under Monitoring and Reporting Program R5-2017-0095 and R5-2020-0051-001)

The following table lists the alleged violations subject to mandatory minimum penalties (MMPs), pursuant to Water Code section 13385(h) and (i).

Table A. Violations subject to Mandatory Penalties - Effluent Monitoring Location M-002

Item	Date	Parameter	Units	Limit	Measured	Period	Violation Type	MMP Type	CIWQS
1	5-May-21	Acetaldehyde	µg/L	5	30	Daily Maximum	CAT 2	SIG	1091768
2	5-May-21	Acetaldehyde	lbs/day	0.51	1.85	Daily Maximum	CAT 2	SIG	1091767
3	31-May-21	Acetaldehyde	µg/L	5	30	Monthly Average	CAT 2	SIG	1091769
4	31-May-21	Acetaldehyde	lbs/day	0.51	1.81	Monthly Average	CAT 2	SIG	1091766

Table B. Violations subject to Mandatory Penalties - Effluent Monitoring Location M-016

Item	Date	Parameter	Units	Limit	Measured	Period	Violation Type	MMP Type	CIWQS
1	23-Jan-20	N-Nitrosodimethylamine	µg/L	10	12	Daily Maximum	CAT 1	SIG	1071703
2	31-Jan-20	N-Nitrosodimethylamine	µg/L	3	8.7	Monthly Average	CAT 1	SIG	1093890

Item Note for Table B:

2. The monthly average results is based on the samples collected on 8 January 2020 with the result of 5.4 ug/L of and 23 January 2020 with the result of 23 ug/L.

**Attachment A to Settlement Offer No. R5-2021-0530
Record of Violations Subject to Mandatory Minimum Penalties**

Remarks:

1. Serious Violation: For Group I pollutants that exceed the effluent limitation by 40 percent or more.
2. Serious Violation: For Group II pollutants that exceed the effluent limitation by 20 percent or more.
3. Non-serious violation falls within the first three violations in a 180-day period, thus is not subject to mandatory minimum penalties. Penalties that may be assessed for this violation are discretionary. This violation is not addressed or resolved in this ROV.
4. Non-serious violation subject to mandatory minimum penalties.

<u>VIOLATIONS AS OF:</u>	<u>5/31/2021</u>
Group I Serious Violations:	2
Group II Serious Violations:	4
Non-Serious Violations Not Subject to MMPs:	0
<u>Non-Serious Violations Subject to MMPs:</u>	<u>0</u>
Total Violations Subject to MMPs:	6

Mandatory Minimum Penalty Amount for Effluent Limit Violations

(2 Group I Serious Violations + 4 Group II Serious Violations Subject to MMPs) x \$3,000 Per Violation = \$18,000

Total Expedited Mandatory Minimum Penalty = \$18,000

Table C. Definition

Abbreviation	Description
CAT 1	Violation of effluent limitation for Group I pollutant.
CAT 2	Violation of effluent limitation for Group II pollutant
CHRON	Chronic violation as defined by Water Code section 13385 (i). Any non-serious violation that falls within a 180-day period with three preceding violations. Thus, the fourth non-serious violation that occurs within a 180-day period is subject to MMPs.
CIWQS	California Integrated Water Quality System database. https://www.waterboards.ca.gov/water_issues/programs/ciwqs/
CTOX	Violation of chronic toxicity effluent limitation.
DREP	Deficient reporting violation. This will only result in MMPs if the report is so deficient as to make determination of compliance impossible for the reporting period.
LREP	Late Reporting violation. Every 30-Days a report is late counts as one serious late reporting violation

Attachment A to Settlement Offer No. R5-2021-0530
Record of Violations Subject to Mandatory Minimum Penalties

Abbreviation	Description
	subject to MMPs.
Measured	Reported value for the monitoring period by the Discharger.
MMP Type	Classification of the type of MMP violation.
Occurrence Date	Date that a violation occurred. For averaging period limitation violations, such as weekly and monthly averages, the last day of the reporting period is used such as last day of the week (Saturday) and last day of the month, respectively.
OEV	Violation of any constituent-specific effluent limitation not included in Group I or Group II.
NCHRON	Non-serious violation falls within the first three violations in a 180-day period, thus, not subject to MMP.
SIG	Serious Violation: For Group I pollutants that exceed the effluent limitation by 40 percent or more. For Group II pollutants that exceed the effluent limitation by 20 percent or more.

**Offer to Participate in Expedited Payment Letter Program
Aerojet Rocketdyne Inc.
EPL R5-2021-0530**

**ACCEPTANCE OF CONDITIONAL RESOLUTION
AND WAIVER OF RIGHT TO HEARING; ORDER**

By signing below and returning this Acceptance of Conditional Resolution and Waiver of Right to Hearing (Acceptance and Waiver) to the Central Valley Regional Water Quality Control Board (Central Valley Water Board), the Aerojet Rocketdyne Inc. (Discharger) (Discharger) hereby accepts the "Offer to Participate in Expedited Payment Letter Program" (Conditional Offer), incorporated herein by reference, and waives the right to a hearing before the Central Valley Water Board to dispute the allegations of violations described in the Record of Violations (ROV), which is included as Attachment A to the Conditional Offer.

The Discharger agrees that the Conditional Offer shall serve as a complaint pursuant to Article 2.5 of the California Water Code and that no separate complaint is required for the Central Valley Water Board to assert jurisdiction over the alleged violations through its Chief Prosecutor. The Discharger agrees to pay the penalties required by California Water Code section 13385(h) and/or (i), in the sum of **\$18,000** (Expedited Payment Amount), which shall be deemed payment in full of any civil liability pursuant to Water Code section 13385 that otherwise might be assessed for the violations described in the ROV. The Discharger understands that this Acceptance and Waiver waives its right to contest the allegations in the ROV and the amount of civil liability assessed for the violations.

The Discharger understands that this Acceptance and Waiver does not address or resolve liability for any violation that is not specifically identified in the ROV.

Upon execution by the Discharger, the completed Acceptance and Waiver shall be returned via email or U.S. mail to:

Xuan Luo, Senior Water Resources Control Engineer
NPDES Compliance and Enforcement
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670
Phone: (916) 464-4606
xuan.luo@waterboards.ca.gov

The Discharger understands that federal regulations set forth at title 40, Code of Federal Regulations, section 123.27(d)(2)(iii) require the Central Valley Water Board to publish notice of and provide at least thirty (30) days for public comment on any proposed resolution of an enforcement action addressing NPDES permit violations. Accordingly, this Acceptance and Waiver, prior to execution by the Central Valley Water Board Executive Officer, will be published as required by law for public comment.

Offer to Participate in Expedited Payment Letter Program
EPL R5-2021-0530

If no comments are received within the notice period that causes the Central Valley Water Board Executive Officer to question the Expedited Payment Amount, the Central Valley Water Board Executive Officer or his designee will execute this Acceptance and Waiver.

The Discharger understands that if significant comments are received in opposition to the Expedited Payment Amount, the offer on behalf of the Central Valley Water Board to resolve the violations set forth in the ROV may be withdrawn. In that circumstance, the Discharger will be advised of the withdrawal and an administrative civil liability complaint may be issued and the matter may be set for a hearing before the Central Valley Water Board. For such a liability hearing, the Discharger understands that this Acceptance and Waiver executed by the Discharger will be treated as a settlement communication and will not be used as evidence in that hearing.

The Discharger further understands that once the Acceptance and Waiver is executed by the Central Valley Water Board Executive Officer or his designee, the full payment required by the deadline set forth below is a condition of this Acceptance and Waiver. In accordance with California Water Code section 13385(n)(1) and California Water Code section 13385.1(c)(1), funds collected for violations of effluent limitations and reporting requirements pursuant to sections 13385 and 13385.1 shall be deposited in the State Water Pollution Cleanup and Abatement Account. Accordingly, the **\$18,000** liability shall be paid by a cashiers or certified check made out to the "State Water Pollution Cleanup and Abatement Account". The Discharger may choose to submit the full payment with the Waiver. However, the payment must be submitted to the State Water Resources Control Board no later than thirty (30) calendar days after the date the Acceptance and Waiver is executed by the Central Valley Water Board Executive Officer or his designee.

Please mail the check to:

Payment to the State Water Pollution Cleanup and Abatement Account shall be mailed to:

State Water Resources Control Board, Accounting Office
Attn: EPL R5-2021-0530 Payment
PO Box 1888
Sacramento, California, 95812-1888

The Discharger shall also provide a copy of the wavier form and check via email to the Central Valley Water Board (Xuan.Luo@waterboards.ca.gov).

Offer to Participate in Expedited Payment Letter Program
EPL R5-2021-0530

I hereby affirm that I am duly authorized to act on behalf of and to bind the Discharger in the making and giving of this Acceptance and Waiver.

Aerojet Rocketdyne Inc.

By:

Scott Goulart
Signed Name

11/29/2021
Date

Originally signed by S. Goulart
Printed or Typed Name

Senior Director
Title

**IT IS SO ORDERED PURSUANT TO CALIFORNIA WATER CODE SECTION
13385**

By:

Patrick Pulupa
Executive Officer