

Central Valley Regional Water Quality Control Board

Aerojet Rocketdyne Superfund Site Update July 2026

Central Valley Water Board staff has prepared this memorandum to provide an update on investigation and remediation activities at the Aerojet Rocketdyne Superfund Site in Rancho Cordova, Sacramento County (Site). Interested parties may obtain additional information by:

- Reviewing case files available on the State Water Resources Control Board GeoTracker online database (Global ID #SL185992958): https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL185992958;
- Contacting Central Valley Water Board project manager Geoff Rader at 916-464-4707 or via email at geoff.rader@waterboards.ca.gov; or
- Attending bi-monthly Community Advisory Group (CAG) meetings. Individuals interested in attending CAG meetings should contact Geoff Rader for meeting information.

To manage overall Site investigation and cleanup, the Site has been organized into nine operable units (OUs) based on geographic area and specific releases/problems or cleanup actions. The schedule for submittal of OU-specific milestone documents is presented in Table 5-1 of the 24 December 2025 *Final Program Plan Modification Report* (2025 PPMR Update), which is available on GeoTracker. Below is an update on OU-specific activities and site-wide initiatives for July 2026:

1. **OU-3 – Western Groundwater.** The United States Environmental Protection Agency (USEPA) signed the *Record of Decision for the Western Groundwater Operable Unit OU-3* (OU-3 ROD) in July 2001. The remedy selected in the OU-3 ROD is “Alternative 4C: New off-property extraction wells with optimal well placement and with GET E/F extraction wells only”. Aerojet Rocketdyne, Inc., an L3Harris Technologies Company (Aerojet) currently operates approximately 30 extraction wells near the western Site property boundary (i.e., the Inner Barrier) and 15 extraction wells west of the Site (i.e., the Outer Barrier) to contain the contaminant plumes and expedite groundwater cleanup. Extracted groundwater is treated at five groundwater extraction and treatment systems (GET EF, GET J, GET HA, GET K, and GET LB) and discharged to surface water. As part of the remedy, Aerojet also monitors groundwater conditions, evaluates plume containment and risk to water supply wells, and implements institutional controls to restrict exposure to impacted groundwater. Since August 2025 (date of last annual update), Aerojet installed, tested, and began full-time operation of extraction well 4771,

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which will replace extraction well 4769 (formerly Golden State Water Company supply well AC-6) and capture the downgradient extent of N-Nitrosodimethylamine (NDMA) in hydrostratigraphic Layer C groundwater. Currently, Aerojet does not plan to install any new OU-3 monitoring or extraction wells over the next 12 months.

2. **OU-5 – Perimeter Groundwater.** USEPA signed the *Interim Record of Decision for Groundwater and Final Record of Decision for Soil for the Perimeter Groundwater Operable Unit OU-5* (OU-5 ROD) in February 2011. The remedy selected in the OU-5 ROD is “Groundwater Containment with Mass Removal, Soil Cleanup to Unrestricted Use, and SVE at contaminated soil areas 32D, 34D, 35D and 38D”. Aerojet currently operates approximately 63 extraction wells in OU-5. Extracted groundwater is treated at five groundwater extraction and treatment systems (GET AB, GET EF, ARGET, WRND GET, and Sailor Bar Park). Similar to OU-3, Aerojet also monitors OU-5 groundwater conditions, evaluates plume containment and risk to supply wells, and implements institutional controls to restrict exposure to impacted groundwater. Since August 2025, Aerojet installed monitoring wells 30727, 30728, and well cluster 30721-3 to assess groundwater contaminant migration pathways in OU-5 Zone 2 Layers C through E.

Over the next 12 months, Aerojet plans to install three additional Zone 4 monitoring wells to further assess potential contaminant migration pathways from shallow groundwater to Alder Creek surface water. Aerojet is also working with California State Parks and the State Water Resources Control Board Division of Drinking Water to provide treatment for the Prairie City State Vehicle Recreation Area (SVRA) water supply well. In the meantime, Aerojet continues to provide bottled water for SVRA events, and notification signs are maintained on SVRA faucets.

Aerojet has completed all of the OU-5 ROD-required active soil remedies. In Area 49000, where Aerojet previously completed a soil vapor extraction (SVE) remedy, an expansion to one of the two recently constructed warehouse buildings is in progress. Warehouse expansion is being conducted in accordance with the restrictions in the 2021 land use covenants, with lead oversight provided by the California Department of Toxic Substances Control (DTSC). Aerojet continues to work with the regulatory agencies to prepare and execute the required covenants and restrictions for the other OU-5 soil areas.

3. **OU-6 – Boundary.** USEPA signed the *Record of Decision for the Boundary Operable Unit OU-6* (OU-6 ROD) in August 2015. The remedy selected in the OU-6 ROD consists of institutional controls, engineering controls, and source removal/reduction (excavation and SVE). Since August 2025, Aerojet constructed the Chemical Plant 2 SVE system and commenced SVE system startup activities. Aerojet submitted work plans for full-scale SVE at Administration Area East and for a soil flushing remedy at the Westborough

Line 2 area. Aerojet also installed new remedial wells and other infrastructure to prepare for implementation of these remedies.

4. **OU-7 – Island.** Aerojet has completed a Draft Final Remedial Investigation and Draft Risk Assessment for OU-7. In June 2024, Aerojet submitted a draft Sampling and Analysis Plan Addendum proposing additional sample collection to support completion of the Final OU-7 Remedial Investigation report. Aerojet and the regulatory agencies continue to work through comments on this deliverable. Aerojet is also preparing a supplement to the Sampling and Analysis Plan Addendum presenting plans to investigate Per- and Polyfluoroalkyl Substances (PFAS) at OU-7 source areas.
5. **OU-10 – Area 40.** To accommodate the City of Folsom’s timeline for developing this area, in 2018, the regulatory agencies agreed to separate this area out of OU-7, identify the area as a new OU (OU-10), and transfer lead oversight authority for remedy selection and implementation from the USEPA to the DTSC. The 27 August 2018 *Final Remedial Action Plan Area 40, OU-10* (OU-10 RAP) selected a remedy consisting of, among other things:
 - Installation of a permeable reactive barrier to treat contaminated groundwater (completed September through November 2020);
 - Multiple excavations to remove contaminated soil (completed September 2019 through July 2020);
 - Contingency zero valent iron in-situ groundwater injections (completed March 2023); and
 - Continued operation of GET AB, which is located downgradient of OU-10 (ongoing).

On 29 January 2025, USEPA resumed lead agency oversight authority for OU-10. In April 2026, Aerojet submitted a supplemental sampling and analysis plan presenting plans to collect additional sample data to support development of an OU-10 Record of Decision.

6. **Site-Wide Vapor Intrusion Assessment.** Aerojet initiated the Site-wide vapor intrusion investigation program in 2016. In 2017/2018, Aerojet relocated its manufacturing operations outside of California, resulting in the closure of most buildings at the Site. Aerojet continues to conduct indoor air sampling at occupied buildings on a quarterly to triennial frequency. In addition to indoor air testing, Aerojet conducts routine HVAC system inspections, monitors existing mitigation measures, and tracks changes in building occupancy that might affect the indoor air testing schedule.
7. **PFAS Assessment.** Since 2016, Aerojet has been analyzing select water samples for PFAS in accordance with Aerojet’s GET discharge permit requirements and Central Valley Water Board staff requests. Sampling locations have included GET influent and effluent locations, extraction wells, and

groundwater monitoring wells. In January 2025, USEPA requested that Aerojet conduct a Site-wide PFAS remedial investigation. In response to this request, since August 2025, Aerojet submitted: 1) a desktop evaluation report summarizing Site-wide potential PFAS release areas, and 2) a work plan to assess Site-wide anthropogenic background PFAS concentrations in soil. Based on USEPA feedback, Aerojet is not planning to move forward with the anthropogenic background study at this time.

Note: OU-4 - Area 41 Soil and Groundwater, OU-8 - Eastern, and OU-9 - Central are in the early phases of planning/investigation because, in the early 2000's, Aerojet and the regulatory agencies agreed that these OUs were lower priority than the OUs discussed above. Investigation activities at OU-4, OU-8, and OU-9 will follow the schedule presented in Table 5-1 of the 2025 PPMR Update.