

**AEROJET-GENERAL CORPORATION, INTERIM GROUNDWATER EXTRACTION AND TREATMENT SYSTEMS, ARGET, GET E/F, GET H, INTERIM GET H, GET J, GET K, INTERIM GET K, GET L, GET L1, SAILOR BAR PARK WELL, CHETTENHAM WELL, AND LOW-THREAT DISCHARGES, Sacramento County**

Aerojet-General Corporation operates a rocket-testing and chemical manufacturing facility in eastern Sacramento County. Past practices at the facility has led to pollution of the groundwater on and off the Aerojet property. In the process of cleaning up the polluted groundwater, Aerojet extracts and treats the groundwater. The water is discharged to ground, to surface water and injected back into the aquifers. The discharges to surface water are currently at seven locations under an NPDES permit. Aerojet is expanding and modifying its groundwater extraction and treatment systems. These modifications include the construction of 3-5 new treatment systems. The permit is proposed for revision to allow the new treatment plants and additional discharge location. Effluent limitations are nearly identical to the previous permit. The exceptions are the reduction in the perchlorate effluent limit at the ARGET facility to match the remaining treatment system's effluent limits, and a temporary change in the effluent limitation for NDMA for GET J. The former reduces the effluent limitation to 4 µg/L as perchlorate treatment is added to ARGET to treat new extraction wells containing perchlorate. The latter is to allow the evaluation of treatment systems to provide the necessary treatment to reduce NDMA to 0.002 µg/L as the current treatment system is not providing consistent reduction to that value. The revised permit allows up to 0.008 µg/L NDMA in the effluent from GET J until January 2008. Mixing of the GET J, ARGET and GET E/F in Buffalo Creek keeps the concentration of NDMA in Buffalo Creek below 0.002 µg/L and perchlorate below 4 µg/L, their respective Water Quality Objectives. (AMM)