



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105-3901

**MINOR MODIFICATION TO PERMIT NO. R9UIC-CA3-FY19-1
ISSUED TO FORT CADY CALIFORNIA CORPORATION**

In accordance with 40 CFR §144.41, the Subject permit is hereby modified at the Permittee's request, authorizing an alternative to the neutron-density logs required for open hole geophysical logging. The permit modification provides for other appropriate logs as approved by EPA in writing for open hole geophysical logs as described below.

The new language **in bold font** below is added to Part II, Section C.2 Well Construction, Logging and Testing during Drilling and Construction, page 9 of the Permit (existing permit language in regular font):

PART II.C. WELL CONSTRUCTION

2. Logging and Testing during Drilling and Construction

Open-hole geophysical logs shall be run in each well boring for formation evaluation, depth control, and detection of borehole anomalies. Geophysical tools shall include at a minimum caliper, gamma-ray, induction, temperature, directional survey, sonic, and acoustic logs. Electrical logs shall be run in all OWs and MWs. In addition, compensated neutron-density logs **or other appropriate logs as approved by EPA in writing** are required in at least one injection well boring within each of the well groups to provide a more representative sampling of porosity values throughout the Project area. Porosity values determined from the neutron-density logs **or alternative logs approved by EPA** shall be compared to porosities applied to the groundwater flow model in the project area, and the porosity values in the model shall be revised accordingly if significant differences are found in the comparison with log porosities.

All other permit conditions remain unchanged.

This minor modification is effective on the date signed.

Tomás Torres
Director, Water Division