



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

**MINOR MODIFICATION TO PERMIT NO. R9UIC-AZ3-FY11-1  
ISSUED TO FLORENCE COPPER, INC.**

In accordance with 40 CFR §144.41, this permit for Florence Copper, Inc.'s Production Test Facility (PTF) is hereby modified at the Permittee's request to add injection of liquid carbon dioxide (CO<sub>2</sub>) for the purpose of well maintenance during rinsing activities, under the authority of the Underground Injection Control (UIC) program. The permit modification provides for the use of CO<sub>2</sub> in injection and recovery wells as described below.

**PART II.E. WELL OPERATION - the following new paragraph is added to Section 6, Injectate Fluid Limitations, page 23:**

- j. The Permittee may inject liquid carbon dioxide (CO<sub>2</sub>) at specific depths into an injection or recovery well for rehabilitation of the well to physically break up the precipitate that builds up on the well casing and in the screened interval during rinsing activities. The application of liquid CO<sub>2</sub> will be under the force of gravity into the open well casing without pressure confinement.

All other permit conditions remain unchanged.

This minor modification is immediately effective on the date signed.

**TOMAS  
TORRES**

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Tomás Torres  
Director, Water Division