



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

**MINOR MODIFICATION TO PERMIT NO. R9UIC-AZ3-FY16-1
ISSUED TO EXCELSIOR MINING ARIZONA, INC.**

In accordance with 40 CFR §144.41, this permit is hereby modified to revise the types of fluids allowed to be injected as requested by the Permittee for the Gunnison Copper Project under the authority of the Underground Injection Control (UIC) program. The change will allow the Permittee to conduct tracer testing on injection wells while in operation to evaluate the flow of injectate within the ore body. This change will also require additional reporting of results.

WELL OPERATION, Part II.E, Section 6, Injectate Fluid Limitations, page 23 is changed with the addition of the following new paragraph k.

- k. The Permittee may perform tracer surveys or tests while in operation to evaluate the flow of injectate into different formations within the ore body upon written approval from EPA for a particular tracer in accordance with paragraph 6(h) of this Section E. The tracer surveys are intended to identify flow pathways within the ore body, both between wells and through various geologic structures. Acceptable tracers must not interfere with the Permittee's ability to meet any other Permit conditions. Test results shall be reported to EPA in accordance with Part II.G of this Permit.

All other permit conditions remain unchanged.

This minor modification is effective immediately upon signature.

Tomás Torres
Director, Water Division