

In-situ Uranium Mining and Milling: State and Federal Permits, Authorizations and Requirements

Although no formal proposals or applications have been submitted, the following is a list of permits and authorizations that may be required for an in-situ uranium mining and milling operation. The list may change depending on the specific proposal for operation.

Colorado Department of Public Health and Environment:

Radiation Control:

- (1) Radioactive materials/uranium mill license. C.R.S. §25-11-101 et seq., 6 CCR 1007-1, Parts 1, 3, 4, 10, 17, 18.

Water Quality:

- (1) Surface water discharge permit (if there will be a discharge to surface water). C.R.S. §25-8-501; 5 CCR 1002-61.
- (2) Storm water permit. 5 CCR 1002-61.
- (3) Ground water discharge permit (if DRMS fails to provide adequate ground water quality protection). C.R.S. § 25-8-202(7); 5 CCR 1002-61.14.

Air Quality:

- (1) Air quality permit if there will be air emissions. C.R.S. §25-7-101 et seq.

Hazardous Materials and Waste Management:

- (1) Hazardous waste permit, if applicable. C.R.S. §25-15-101 et seq.
- (2) Solid waste certificate of designation, if applicable. C.R.S. §25-15-101 et seq.

Department of Natural Resources

Division of Reclamation and Mining Services:

- (1) Reclamation permit. C.R.S. § 34-32-109.
- (2) Notice of Intent to Prospect. C.R.S. § 34-32-113.

State Engineer's Office

- (1) Ground water permit. C.R.S. Title 37, Article 90.

US Environmental Protection Agency

- (1) Class I or Class III Underground Injection Control Permit. 42 U.S.C. §300h; 40 CFR §144.6, 147.301.