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Meeting Paper



**Assuring the Integrity of
Solution Mining Operations**

by

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The Act requires EPA to protect not only current but also potential sources of drinking water. The regulations require protection of all aquifers which either supply a public water system or contain water of less than 10,000 mg/l total dissolved solids in sufficient quantity to serve a public water system.

The Regulations establish 5 classes of wells:

Class I - Injection of sanitary or industrial waste (including hazardous waste) below the deepest USDWs;

Class II - Injection related to oil and gas production;

Class III - Injection for mineral recovery including salt solution mining

Class IV - Injection of Hazardous or Radioactive wastes into or above a USDW (these wells are banned)

Class V - All other wells used for injection of fluids.

The regulations are tailored to the different Classes of wells.