

2.S AQUIFER EXEMPTIONS

If an aquifer exemption is requested, submit data necessary to demonstrate that the aquifer meets the following criteria: (1) does not serve as a source of drinking water; (2) cannot now, and will not in the future, serve as a source of drinking water; and (3) the TDS content of the ground water is more than 3,000 and less than 10,000 mg/l and is not reasonably expected to supply a public water system. Data to demonstrate that the aquifer is expected to be mineral or hydrocarbon producing, such as general description of the mining zone, analysis of the amenability of the mining zone to the proposed method, and time table for proposed development must also be included. For additional information on aquifer exemptions, see 40 CFR 144.7 and 146.04.

RESPONSE

Based on available information at this time, no aquifer exemption is requested for the injection zones at this site. All formations of the injection zone are expected to contain brines with TDS concentrations in excess of 10,000 mg/l. As discussed in Response 2.L, laboratory analyses of fluid samples taken from the Minnelusa and Deadwood Formations will be submitted as part of the completion reports for these wells.



2.T EXISTING EPA PERMITS

List program and permit number of any existing EPA permits, for example. NPDES, PSD, RCRA, etc.

RESPONSE

Powertech (USA) Inc. currently retains no permits for the South Dakota facility. As facility construction is pursued, applicable permits will be obtained as necessary.