

***** DRAFT – NOT FOR FILING *****

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Filling of underground mines demonstration and reporting.

The owner or operator shall demonstrate that an underground mine was filled to eliminate the potential for subsidence. Each demonstration shall include the following:

(A) An evaluation, based on the findings of the site investigation, of the condition of the underground mine and the consolidated and unconsolidated stratigraphic units above the underground mine within the angle of draw. The evaluation of the condition shall at a minimum include the following:

(1) The angle of draw.

(2) The presence and extent of the void spaces.

(3) The presence and extent of fracturing.

(4) The presence and extent of water in the underground mine.

(B) A description of the filling activities, including the grout mixes used and the rationale for the selection of the grout mixes.

(C) Drawings showing the vertical and lateral extent of mine filling activities in relation to the facility boundary and the disposal limits.

(D) The location of and findings from confirmation borings used to demonstrate that the potential for subsidence has been eliminated.

(E) A list of abandoned mine abatement projects undertaken by the professional engineer, a brief description of each project, and the responsibility the professional engineer had with each project.