

*** DRAFT – NOT FOR FILING ***

3745-511-72 Underground mines.

- (A) The owner or operator shall demonstrate that the facility will not be affected by any underground mines at the facility and that the facility is designed to maintain the integrity of the engineered components.
- (B) The geotechnical and stability report identified in rule 3745-511-10 of the Administrative Code shall contain a section titled "Underground Mines" which shall include the following information:
- (1) The location of any and all underground mines based on the findings of the site investigation and the letter required by rule 3745-510-335 of the Administrative Code from the Ohio department of natural resources division of mineral resources management or other appropriate agency regarding the respective underground mines.
 - (2) The angle of draw for the underground mines.
 - (3) The following, as appropriate:
 - (a) An analysis by a professional engineer, with at least five years of relevant experience in the abatement of mines, that demonstrates the facility will not be affected by the underground mines and the design of the facility will maintain the integrity of the engineered components. For the in situ foundation, the owner or operator shall demonstrate that the integrity will be maintained within fifty feet of the basal elevations of the deepest excavation at the facility.
 - (b) If any underground mine has been or will be removed, a description of how the mine has been or will be removed. The description shall include scale drawings showing the vertical and lateral extent of mine removal activities in relation to the boundary of the facility and the disposal limits.
 - (c) If any underground mine will be filled to eliminate the potential for subsidence, a description of the filling activities. The description shall include the grout mixes to be used, the rationale for selection of grout, and how the grout will be injected.