

***** DRAFT – NOT FOR FILING *****

3745-520-275

Gas management system design.

(A) A gas management system shall be designed for one or more, as applicable, of the following purposes:

(1) Relieve gas pressure under a cap system with a flexible membrane liner component or under a separatory leachate barrier and collection system with a flexible membrane liner component.

(2) Control hydrogen sulfide and other gases that pose a nuisance, cause an offensive odor, or pose a threat to public health or safety or the environment or which may cause or contribute to air pollution.

(3) Control landfill gas generated as a result of leachate recirculation.

(B) A gas management system designed for the purpose in paragraph (A)(1) of this rule shall be designed as a passive or active gas extraction system, or a combination thereof.

(C) A gas management system designed for the purpose in paragraph (A)(2) or (A)(3) of this rule shall be designed as an active gas extraction system.

(D) A gas management system shall conform to rule 3745-511-750 of the Administrative Code. If the gas extraction system is designed for the purpose in paragraph (A)(2) or (A)(3) of this rule, the collected gas shall be conveyed to a gas control system.