

**\*\*\* DRAFT – NOT FOR FILING \*\*\***

3745-510-100      Site investigation report.

(A) The applicant, owner, or operator of a facility shall provide a site investigation report. The site investigation report shall consist of the following:

(1) A report on the hydrogeologic investigation meeting the format and standards specified in rules 3745-510-210 to 3745-510-232 and 3745-510-240 of the Administrative Code. For a facility requiring a gas migration monitoring system, the report on the hydrogeologic investigations shall include a section on the gas sources and migration pathways investigation meeting the format and standards specified in rule 3745-510-235 of the Administrative Code.

(2) A report on the geotechnical investigation meeting the format and standards specified in rules 3745-510-310 to 3745-510-350 of the Administrative Code.

(B) The site investigation report shall be in an easily understandable format and shall contain all information necessary to allow the permitting authority to determine if the applicant, owner, or operator has satisfied, as appropriate, the following:

(1) Located ground water monitoring wells to conform to Chapter 3745-506 of the Administrative Code.

(2) Demonstrated compliance with applicable stability standards.

(3) Demonstrated compliance with applicable hydrogeologic siting criteria.

(4) Designed the gas migration monitoring system to meet applicable requirements.

(C) All plan drawings in the site investigation report shall show the facility boundary, the disposal limits, and access roads. Plan drawings shall use a scale of one inch equals not more than two hundred feet. Plan drawings shall be referenced to the facility grid system if one was established.

(D) All cross sections shall show the facility boundary, the limits of excavation, the disposal limits, the horizontal scale of the cross section, and the vertical scale of the cross section. The cross section shall include an insert showing a plan view of the facility identifying the location of the cross section.

(E) The site investigation report shall contain a certification statement and signature of the applicant, owner, or operator in accordance with rule 3745-500-50 of the Administrative Code.

(F) The report on the hydrogeologic investigation shall be signed by a qualified ground water scientist and shall contain a certification statement from the qualified ground water scientist that to the best of the knowledge of the qualified ground water

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scientist the hydrogeologic information contained in the report is a true and accurate representation of the hydrogeology of the facility.

(G) The report on the geotechnical investigation shall be signed and, if appropriate, sealed by such other professionals skilled in the appropriate disciplines as is necessary to comply with Ohio laws and rules.