

NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION ACT (EXCERPT)
Act 451 of 1994

324.11511a Coal ash landfill, coal ash impoundment, or lateral expansion of landfill or impoundment; standard and location requirements; construction permit; detection monitoring program.

Sec. 11511a. (1) A new coal ash landfill, a new coal ash impoundment, or a new lateral expansion of a coal ash landfill or coal ash impoundment shall comply with the requirements of R 299.4304, R 299.4305, and R 299.4307 to R 299.4317 of the MAC, except that the minimum design standard for a new coal ash landfill, a new coal ash impoundment, or a new lateral expansion of a coal ash landfill or coal ash impoundment pursuant to R 299.4307(4) of the MAC is solely R 299.4307(4)(b) of the MAC and not R 299.4307(4)(a), (c), or (d) of the MAC.

(2) A new coal ash landfill, a new coal ash impoundment, or a new lateral expansion of a coal ash landfill or coal ash impoundment shall comply with the location requirements of R 299.4411 to R 299.4413 and R 299.4415 to R 299.4418 of the MAC, except that a new coal ash landfill or coal ash impoundment or a new lateral expansion of a coal ash landfill or coal ash impoundment shall maintain a permanent minimum clearance from the bottom of the primary liner of not less than 5 feet to the natural groundwater level.

(3) The department shall not issue a construction permit for a new coal ash landfill or new coal ash impoundment or a new lateral expansion of a coal ash landfill or coal ash impoundment unless all of the following apply:

(a) The landfill, impoundment, or expansion, respectively, complies with subsections (1) and (2), as applicable.

(b) The landfill, impoundment, or expansion, respectively, complies with R 299.4306 of the MAC.

(c) The owner or operator has provided to the department a detection monitoring program in a hydrogeological monitoring plan that complies with R 299.4440 to R 299.4445 and R 299.4905 to R 299.4908 of the MAC, as applicable. However, R 299.4440(3) and R 299.4440(6) of the MAC do not apply to coal ash impoundments or coal ash landfills. The waiver described in R 299.4440(2) of the MAC is not available to coal ash impoundments or coal ash landfills. Groundwater sampling related to coal ash impoundments or coal ash landfills shall not be field filtered. The constituents monitored in the detection monitoring program shall include all of the following:

(i) Boron.

(ii) Calcium.

(iii) Chloride.

(iv) Fluoride.

(v) Iron.

(vi) pH.

(vii) Sulfate.

(viii) Total dissolved solids.

(d) The landfill, impoundment, or expansion, respectively, complies with 1 of the following, if applicable:

(i) Section 11519b(2) and (4).

(ii) A schedule, approved by the department, of remedial measures, including a sequence of actions or operations, that leads to compliance with part 115 within a reasonable time period but not later than December 28, 2020.

(4) The constituents listed in this section shall be analyzed by methods identified in "Standard Methods for the Examination of Water and Wastewater, 20th Edition," (jointly published by the American Public Health Association, the American Water Works Association, and the Water Environment Federation) or "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," EPA publication SW-846, Third Edition, Final Updates I (1993), II (1995), IIA (1994), IIB (1995), III (1997), IIIA (1999), IIIB (2005), IV (2008), and V (2015) or by other methods approved by the director or his or her designee.

History: Add. 2018, Act 640, Imd. Eff. Dec. 28, 2018;—Am. 2022, Act 245, Eff. Mar. 29, 2023.

Compiler's note: Former MCL 324.11511a, which pertained to permit to construct, modify, or expand landfill, was repealed by Act 38 of 2004, Eff. Jan 1, 2006.

Popular name: Act 451

Popular name: NREPA

Popular name: Solid Waste Act