

DEPARTMENT OF ENVIRONMENTAL QUALITY, GREAT LAKES, AND
ENERGY

REMEDIATION AND REDEVELOPMENT DIVISION

ENVIRONMENTAL CONTAMINATION RESPONSE ACTIVITY

Filed with the secretary of state on

These rules take effect immediately upon filing with the secretary of state unless adopted under section 33, 44, or 45a(69) of the administrative procedures act of 1969, 1969 PA 306, MCL 24.233, 24.244, or 24.245a. Rules adopted under these sections become effective 7 days after filing with the secretary of state.

(By authority conferred on the director of the ~~D~~department of ~~E~~environmental Quality, **Great Lakes, and energy** by sections 20104(1), and 20120a(18) of **the natural resources and environmental protection act**, 1994 PA 451, MCL 324.20104(1), and 324.20120a(18))

R 229.441, ~~etc~~ of the Michigan Administrative Code is amended, as follows:

CLEANUP CRITERIA REQUIREMENTS FOR RESPONSE ACTIVITY

R 299.44 Generic groundwater cleanup criteria.

Rule 44. The generic groundwater cleanup criteria for all categories are shown in table 1, **and table 1a.**

**TABLE 1a. PER- AND POLYFLUOROALKYL SUBSTANCES
GROUNDWATER: RESIDENTIAL AND NONRESIDENTIAL
PART 201 GENERIC CLEANUP CRITERIA AND SCREENING LEVELS**

All criteria, unless otherwise noted, are expressed in units of parts per billion (ppb). One ppb is equivalent to 1 microgram per liter (ug/L). Criteria with 6 or more digits are expressed in scientific notation. For example, 200,000 is presented as 2.0E+5. A footnote is designated by a letter in parentheses and is explained in the footnote pages that follow the criteria tables. Pursuant to section 20120a(10) of the act, MCL 324.20120a, when the risk-based criterion is less than the target detection limit (TDL), the TDL is listed as the criterion. In these cases, 2 numbers are present in the cell. The first number is the criterion (i.e., TDL), and the second number is the risk-based or solubility value, whichever is lower.

Hazardous Substance	Chemical Abstract Service Number	Residential Drinking Water Criteria	Nonresidential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria	Nonresidential Groundwater Volatilization to Indoor Air Inhalation Criteria	Water Solubility	Flammability and Explosivity Screening Level
Hexafluoropropylene oxide dimer acid	13252136	0.37 (A)	0.37 (A)	NA	ID	ID	NA	NA
Perfluorobutane sulfonic acid	375735	0.42 (A)	0.42 (A)	NA	ID	ID	NA	NA
Perfluorohexane sulfonic acid	355464	0.051 (A)	0.051 (A)	NA	ID	ID	NA	NA
Perfluorohexanoic acid	307244	400 (A)	400 (A)	NA	ID	ID	NA	NA
Perfluorononanoic acid	375951	0.006 (A)	0.006 (A)	NA	ID	ID	NA	NA
Perfluorooctanoic acid (DD)	335671	0.008 (A)	0.008 (A)	12 (X)	ID	ID	9.50E+06	NA
Perfluorooctane sulfonic acid (DD)	1763231	0.016 (A)	0.016 (A)	0.012 (X)	NLV	NLV	3.1	NA