



ADMINISTRATIVE RULES OF MONTANA

17.50.1613 LANDFARM FACILITY STANDARDS

- (1) The owner or operator of a landfarm facility:
 - (a) may not place in a treatment cell contaminated soils when the BTZ soils have a hydraulic conductivity less than 1×10^{-5} cm/sec. The owner or operator shall determine hydraulic conductivity by a department-approved method;
 - (b) may not place in a treatment cell contaminated soils that contain over five percent petroleum hydrocarbons by weight or with concentrations of TPH or VPH and EPH greater than 50,000 ppm without prior approval from the department.
- (2) The following table from 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) lists the maximum allowable Toxicity Characteristic Leaching Procedure (TCLP) metals concentration allowed in the treatment zone and BTZ of the treatment cell. The analytical methods listed in Table 4 are defined in ARM 17.50.1612.

TABLE 4

<u>ELEMENT</u>	<u>MAXIMUM TCLP METALS CONCENTRATION (ppm)</u>	<u>ANALYTICAL METHOD</u>
Arsenic	<5.0	7061
Barium	<100	6010
Cadmium	<1.0	6010
Chromium	<5.0	6010
Lead	<5.0	7421
Mercury	<0.2	7421
Selenium	<1.0	7741

- (3) Whenever ground water monitoring is required at a landfarm facility, the owner or operator shall construct monitoring wells in accordance with ARM 17.50.1304.

Authorizing statute(s): 75-10-204, MCA

Implementing statute(s): 75-10-204, MCA

History: NEW, 2017 MAR p. 666, Eff. 3/11/17.