



## ADMINISTRATIVE RULES OF MONTANA



### 17.50.1803 TENORM WASTE MANAGEMENT SYSTEM LIMITS AND RESTRICTIONS

- (1) Except as provided in (2), the owner or operator of a TENORM waste management system shall ensure that:
  - (a) TENORM waste entering the system does not exceed a gate screening level of 100 microroentgen per hour ( $\mu\text{R/hr}$ ), excluding background, in accordance with ARM 17.50.1808(1)(b);
  - (b) TENORM waste entering the system does not exceed a concentration of 50 picocuries per gram ( $\text{pCi/g}$ ) of combined radium Ra-226 and Ra-228 determined by the waste characterization requirements in ARM 17.50.1808(1)(d); and
  - (c) the total effective dose equivalent (TEDE) contributed by the TENORM waste management system does not exceed 100 millirem per year ( $\text{mrem/y}$ ), excluding background radiation, for a hypothetical member of the public who is at the boundary continuously with no shielding for a year, as monitored in accordance with ARM 17.50.1808(1)(l).
- (2) TENORM surface-contaminated objects are not subject to the waste characterization requirement in (1)(b), but must not exceed the gate screening level in (1)(a).
- (3) Before accepting a load of TENORM waste, the owner or operator of a TENORM waste management system shall:
  - (a) obtain a manifest from the transporter that includes the following:
    - (i) name of generator(s) or aggregator(s);
    - (ii) address of generator(s) or aggregator(s);
    - (iii) vehicle license number;
    - (iv) U.S. Department of Transportation number associated with the truck and company;
    - (v) name of transporter;
    - (vi) name of driver;
    - (vii) transporter's company address;
    - (viii) transporter's company phone number;
    - (ix) transporter's email address;
    - (x) identification of the source location(s), volume, physical state, and type;

- (xi) date and time of the delivery of the waste;
  - (xii) identification of the process(es) producing the waste;
  - (xiii) method of receipt; and
  - (xiv) waste characterization results, which may be provided on associated documents.
- (b) ensure that the TENORM waste has been characterized in compliance with ARM 17.50.1808(1)(d).
- (4) The owner or operator of a TENORM waste management system shall conduct additional testing of other constituents of the waste stream if the department determines the additional testing is necessary to protect human health and the environment.
- (5) If a person attempts to deliver for disposal TENORM waste exceeding the gate screening limit in (1)(a) or the concentration limit in (1)(b), the owner or operator of the TENORM waste management system shall:
  - (a) refuse to accept the waste;
  - (b) record the source, amount, name of the generator, and other identifying information about the rejected waste; and
  - (c) notify the department and generator in writing with the information in (b) within 24 hours after waste rejection.
- (6) If the owner or operator of a TENORM waste management system or the department determines that the limit in (1)(c) has been exceeded, the owner or operator shall:
  - (a) immediately stop accepting TENORM waste;
  - (b) within 24 hours after the determination, or notification by the department, place a notice in the operating record indicating the exceedance and notify the department electronically or by telephone that this notice was placed in the operating record; and
  - (c) within 15 days after the determination, or notification by the department, submit for department approval a corrective action plan and follow the closure and post-closure care requirements of ARM 17.50.1812 if determined necessary by the department to protect human health and the environment.
- (7) The corrective action plan required in (6)(c) must:
  - (a) include corrective measures that will enable the TENORM waste management system to meet the requirements in (1)(c);
  - (b) prohibit the acceptance of TENORM waste until the corrective measures have remedied the exceedance; and
  - (c) establish a department-approved timeframe on a case-by-case basis for implementing the proposed corrective action plan.
- (8) The owner or operator of a TENORM waste management system may not allow disposal of bulk or non-containerized liquid waste.
- (9) A person may dispose of TENORM waste that exceeds a limit in (1)(a) or (b) only in a disposal facility licensed to receive waste that exceeds one or both of those limits.

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

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

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**History:** NEW, 2020 MAR p. 1118, Eff. 6/27/20.