



ADMINISTRATIVE RULES OF MONTANA



17.50.1712 OPERATION AND MAINTENANCE PLAN FOR COMPOST FACILITIES

- (1) The owner or operator of a compost facility regulated under this subchapter shall submit an operation and maintenance plan that includes the following information:
 - (a) description of measures to:
 - (i) prevent storm water flow or run-off onto the operation during peak discharge from a 25-year, 24-hour storm event;
 - (ii) contain and manage leachate generated when precipitation comes in contact with composting materials or feedstock;
 - (iii) control on-site and prevent offsite nuisance conditions such as noise, dust, odors, vectors, and windblown debris;
 - (iv) prevent water pollution at and beyond the site boundaries;
 - (v) control access to prevent unauthorized site access and illegal dumping; and
 - (vi) minimize nuisance odors and to reduce the likelihood such odors will impact receptors;
 - (b) description of the composting procedures specifically defining all activities, and periods of non-activity; including:
 - (i) description of personnel required and their responsibilities;
 - (ii) estimated traffic volume, plan for entrance and egress, and procedures for unloading trucks;
 - (iii) procedures for operation during wind, heavy rain, snow, or freezing conditions;
 - (iv) description of the method(s) for maintaining compost piles at 45 percent to 60 percent moisture content;
 - (v) a plan for frequency and temperature regime as required by ARM 17.50.1716, Table 3;
 - (vi) a plan for testing finished compost for weed seed and pathogen destruction, trace metals, compost stabilization, herbicide residuals, and applicable compost sampling and analysis requirements as required by ARM 17.50.1716;
 - (vii) a list of equipment available for use;
 - (viii) a detailed description of the windrow construction, if used; and
 - (ix) a process flow diagram of the entire process for in-vessel systems, if used; and

- (x) location of compost facility records outlined in ARM 17.50.1713;
 - (c) maximum operational capacity and a description of the types of feedstocks to be composted including estimated quantities of:
 - (i) feedstocks;
 - (ii) in-process compost;
 - (iii) finished compost on-site; and
 - (iv) seed material or compost starter if used;
 - (d) a description of the scales or other means used to document the quantity of output of finished product;
 - (e) a description of the finished product use;
 - (f) the method of aeration;
 - (g) plan for the removal and disposal of solid waste and finished compost that cannot be used in the expected manner;
 - (h) contingency plans that describe the corrective or remedial procedures to be taken in the event of:
 - (i) the delivery of unapproved feedstock;
 - (ii) contamination of surface water or ground water; and
 - (iii) the occurrence of nuisance conditions;
 - (i) a description of monitoring that will occur involving the composting process of the site;
 - (j) a site map with contours, delineating boundaries of:
 - (i) the composting area, feedstock, and other stockpiles in relation to property boundary;
 - (ii) on-site drainage flow paths for leachate or storm water;
 - (iii) direction of prevailing winds by season;
 - (iv) access roads and on-site roads;
 - (v) location of water supply wells, buildings, residences, surface water bodies, and drainage swales within 1,000-feet of the site; and
 - (vi) identification of all current and proposed facility buildings.
- (2) The owner or operator of a composting facility shall review the operation and maintenance plan every five years after the date of the issuance of the license to determine if significant changes in the operation have occurred. If the review indicates that significant changes have occurred, the owner or operator shall update the operation and maintenance plan to reflect the changes and submit the update to the department for approval. If the review does not indicate significant changes have occurred, the owner or operator shall inform the department in writing that the operation and maintenance plan has been reviewed and an update is not necessary.
- (3) If the department determines that changes to the operation and maintenance plan are necessary to protect human health or the environment, the department shall notify owners and operators in

writing of the new requirements. An owner or operator must update the operation and maintenance plan to reflect changed conditions and requirements and submit the changes to the department for approval within 45 days of receiving the written notice from the department.

- (4) An owner or operator of an animal mortality composting facility shall also submit the following information as part of the operation and maintenance plan required in (1):
- (a) the source location of the animal mortalities to be accepted by the facility;
 - (b) a description of the hormones, antibiotics, diseases, or euthanasia drug compounds that may be present in the animal mortality or by-products that the facility will accept;
 - (c) the intended distribution and use of the final compost; and
 - (d) methods and controls to prevent animal scavenging at the facility.

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

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

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