



COMPOST FACILITY INSPECTION FORM - NONEXEMPT SITES

This inspection form, used for composting facilities that are not exempt under NR 502.12(2) thru (7), evaluates specific waste program initiatives as well as site compliance with minimum operating and design standards.

Revision:
WASTE & MATERIALS
MANAGEMENT PROGRAM

Section 1: General Requirements

A. Comply with NR 502.04(1) performance standards and (3)(a) and (b) closure requirements.		502.12(1)(a)
B. Obtain operating license for the facility from the Department.		502.12(1)(c)
C. Expanded facilities comply with NR 502.04(2) initial site inspection requirements and demonstrate compliance with the NR 502.12 (9) locational criteria.		502.12(6)(f)

Section 2: Composting Facility Operation Requirements

A. Wastes source separated so that the wastes have not been contaminated with nonapproved waste types, particularly materials that are not readily biodegradable.		502.12(10)(a)
B. Wastes sorted prior to adding to the composting process, to ensure non-biodegradable materials are removed unless equipment is used to produce a clean compost product.		502.12(10)(a)
C. Wastes debugged within 24 hours of receipt at the facility.		502.12(10)(b)
D. Grass clippings and manure incorporated within 72 hours of receipt, if odor becomes a problem these wastes shall be incorporated within 24 hours.		502.12(10)(b)1
E. Animal carcasses and food waste incorporated on the same day received and covered with a minimum 6 inch layer of suitable material to control odor and vectors.		502.12(10)(b)2
F. All animal carcasses and food waste managed to prevent dogs and wild animals from reaching the wastes.		502.12(10)(b)3
G. Waste materials size reduced if necessary for effective composting.		502.12(10)(c)
H. Compost material mixed and aerated to prevent the process from becoming anaerobic.		502.12(10)(d)
I. Composting process maintained with a minimum carbon to nitrogen ratio of 12:1.		502.12(10)(e)
J. Windrow size and spacing compatible with the equipment used at the facility.		502.12(10)(f)
K. Compost wetted to maintain moisture content conducive to efficient composting.		502.12(10)(g)
L. Processed materials stabilized to eliminate pathogenic organisms and to ensure that the materials do not reheat upon standing.		502.12(10)(h)1
M. Processed materials free of sharp particles that could cause personal injury.		502.12(10)(h)2
N. Processed materials free of toxins that could cause detrimental impacts to public health or the environment.		502.12(10)(h)3



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O. Processed materials stored to maintain the quality and prevent excessive stockpiling.		502.12(10)(i)
P. The facility operated in a nuisance-free and environmentally sound manner.		502.12(10)(j)

Section 3: Composting Facility Minimum Design Requirements

A. Run-off discharged to a gentle sloping grassed area to prevent erosion and direct surface water discharge from the composting area.		502.12(11)(a)
B. Slope, vegetation and surface water containment ditches and retention basins used at the facility as needed to minimize erosion.		502.12(11)(b)
C. Composting performed to prevent ponding. Berms or ditches used to prevent water run-on.		502.12(11)(c)
D. Total facility size based on the process residence times for the materials composted.		502.12(11)(d)
E. All run-off that contacts waste managed as leachate used in the composting operation for moisture addition or treated at a wastewater treatment facility permitted to accept it.		502.12(12)(a)
F. All material handling performed on a low permeability pad constructed of either asphalt, concrete, or recompact clay.*		502.12(12)(b)
G. Leachate storage capacity maintained for at least a 25 year, 24 hour storm event.		502.12(12)(c)