



Minnesota
Pollution
Control
Agency

Water Quality

Wastewater
Technical
Review and
Guidance

COMPOSTING – REVIEW CHECKLIST

Water/Wastewater/#5.15, May 2001

FACILITY NAME

DATE

CONSULTING ENGINEER

SITE INSPECTION (DATE & INSPECTOR)

PLANNING OR DESIGN PHASE

1. Wet volume of sludge

2. Wet weight of sludge

a) Moisture content
(Between 45% and 50%)

3. Detention time of compost pile
(usually 21 days)

4. Bulking agent

a) Type

b) Volume required

c) Storage
(Paved and covered)

5. Compost pile

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Minnesota Pollution Control Agency, 520 Lafayette Road North, St. Paul, Minnesota 55155-4194
(651) 296-6300, toll-free (800) 657-3864, TTY (651) 282-5332 or (800) 657-3864

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- a) dimensions _____
- b) number of piles _____
- c) total area of piles _____
- d) Is a “blanket” for compost pile provided for? _____
- 6. Blowers (static forced air) _____
 - a) sizing _____
(1 blower per composting pad minimum rate of 500 ft³/hr/ton)
 - b) odor pile provided after blower _____
 - c) condensate trap provided for prior to blower _____
- 7. Temperature _____
(35° C to 65° C) _____
- 8. C/N Ratio _____
(25:1 to 35:1 ideal) _____
- 9. pH _____
(6 to 7.5) _____
- 10. O₂ concentration _____
(5 to 15 percent) _____
- 11. Mixing provisions _____
- 12. Screening and recycle of bulking material _____
- 13. Leachate _____
 - a) amount _____
 - b) collection _____
 - c) point of discharge _____