# COMPOSTING – REVIEW CHECKLIST

**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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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