UNIT PROCESS: Composting

1. Type process used:  [ ] Window  [ ] Static Pile  [ ] In-Vessel

2. Pile/reactor description:
   a. number piles/reactors:  
   b. typical size:  
   c. age oldest pile/reactor:  
   d. age newest pile/reactor:  
   e. bulking agent:  
   f. bulking agent-to-sludge ratio:  

3. Typical operating conditions:
   a. composting period:  days  
   b. drying:  days(if provided)  
   c. curing:  days  

4. Processing control monitoring:
   a. proper monitoring points:  [ ] Yes  [ ] No*  
   b. moisture content:  [ ] Yes  [ ] No  %  
   c. oxygen:  [ ] Yes  [ ] No  %  
   d. pH:  [ ] Yes  [ ] No  s.u.  
   e. temperature:  [ ] Yes  [ ] No  ºC  
      (identify location, pile age):  
   f. air flow rates:  [ ] Yes  [ ] No  scfm  

5. Does product meet time-temperature requirements?
   a. windrow - 55? C for 15 days:  [ ] Yes  [ ] No*  [ ] NA  
   b. static pile/in-vessel - 55? C for 3 days:  [ ] Yes  [ ] No*  [ ] NA  
   c. reject product recycled for reprocessing:  [ ] Yes  [ ] No*  

6. Evidence of following problems:
   a. improper mixing of sludge, bulking agent:  [ ] Yes*  [ ] No  
   b. thin spots, holes in blanket:  [ ] Yes*  [ ] No  
   c. aeration problems:  [ ] Yes*  [ ] No  [ ] NA  
   d. air piping leakage:  [ ] Yes*  [ ] No  [ ] NA  
   e. excessive odors:  [ ] Yes*  [ ] No  
   f. screening problems:  [ ] Yes*  [ ] No  
   g. ponding of rainwater:  [ ] Yes*  [ ] No  [ ] NA  
   h. dust or blowing compost:  [ ] Yes*  [ ] No  [ ] NA  
   i. inadequate storage:  [ ] Yes*  [ ] No  

7. Proper product distribution records kept:  [ ] Yes  [ ] No  

8. General condition:  [ ] Good  [ ] Fair  [ ] Poor  

Comments:  

Composting