

UNIT PROCESS: Composting

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

2. Pile/reactor description:

a. number piles/reactors:	d. age newest pile/reactor:
b. typical size:	e. bulking agent:
c. age oldest pile/reactor:	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:	<input type="checkbox"/> Yes	<input type="checkbox"/> No*	
b. moisture content:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	%
c. oxygen:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	%
d. pH:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	s.u.
e. temperature:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	°C
(identify location, pile age):			
f. air flow rates:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	scfm

5. Does product meet time-temperature requirements?

a. windrow - 55? C for 15 days:	<input type="checkbox"/> Yes	<input type="checkbox"/> No*	<input type="checkbox"/> NA
b. static pile/in-vessel - 55? C for 3 days:	<input type="checkbox"/> Yes	<input type="checkbox"/> No*	<input type="checkbox"/> NA
c. reject product recycled for reprocessing:	<input type="checkbox"/> Yes	<input type="checkbox"/> No*	

6. Evidence of following problems:

a. improper mixing of sludge, bulking agent:	<input type="checkbox"/> Yes*	<input type="checkbox"/> No	
b. thin spots, holes in blanket:	<input type="checkbox"/> Yes*	<input type="checkbox"/> No	
c. aeration problems:	<input type="checkbox"/> Yes*	<input type="checkbox"/> No	<input type="checkbox"/> NA
d. air piping leakage:	<input type="checkbox"/> Yes*	<input type="checkbox"/> No	<input type="checkbox"/> NA
e. excessive odors:	<input type="checkbox"/> Yes*	<input type="checkbox"/> No	
f. screening problems:	<input type="checkbox"/> Yes*	<input type="checkbox"/> No	
g. ponding of rainwater:	<input type="checkbox"/> Yes*	<input type="checkbox"/> No	<input type="checkbox"/> NA
h. dust or blowing compost:	<input type="checkbox"/> Yes*	<input type="checkbox"/> No	<input type="checkbox"/> NA
i. inadequate storage:	<input type="checkbox"/> Yes*	<input type="checkbox"/> No	

7. Proper product distribution records kept: Yes No

8. General condition: Good Fair Poor

Comments: