

# OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

## Routine Inspection Form: Composting Facilities

DEQ Form # 515-851

December 2021

Permit No. \_\_\_\_\_

County \_\_\_\_\_

Facility Name \_\_\_\_\_ Owner/Operator \_\_\_\_\_ Phone \_\_\_\_\_

Mailing Address \_\_\_\_\_

OAC 252:515 Each item includes a summary of requirements. Violations found should be marked as non-critical or critical and explained in remarks. Item numbers inspected should be circled.	Item	Non-critical	Critical	Remarks
<b>Groundwater Monitoring (Subchapter 9 &amp; 43): Class III and IV only.</b> <ul style="list-style-type: none"> <li>Wells properly maintained</li> <li>Detection monitoring, proper frequency &amp; parameters</li> <li>Statistical analysis submitted w/i 60 days of sampling.</li> <li>Perform assessment monitoring/corrective action, if required</li> </ul>	1			
<b>Leachate Management (Subchapter 13 and 43)</b> <ul style="list-style-type: none"> <li>POTW: approval of POTW, meets POTW requirements</li> <li>OPDES permit if required</li> <li>Leachate managed properly</li> </ul>	2			
<b>Signage [Subchapter 43-58(b)]</b> <ul style="list-style-type: none"> <li>Maintain sign at entrance with the following: <ul style="list-style-type: none"> <li>Name of facility</li> <li>Permit number</li> <li>Facility class</li> <li>Emergency contact information</li> <li>Hours of operation</li> </ul> </li> </ul>	3			
<b>Stormwater Management (Subchapter 17)</b> <ul style="list-style-type: none"> <li>Run-on/run-off controls implemented</li> <li>Prevent discharge of contam. stormwater (except under an OPDES permit)</li> <li>Quarterly visual examination of non-contam. stormwater discharges</li> <li>NELM monitoring for each discharge of contam. Stormwater</li> <li>Contact water being controlled IAW approved design</li> </ul>	4			
<b>Prohibited Wastes (Subchapter 19-31 and 43-53 &amp; 54)</b> <ul style="list-style-type: none"> <li>Prevent disposal of hazardous, radioactive, PCB, medical waste and asbestos waste</li> <li>Only accepting materials authorized by the permit</li> <li>Receptacle maintained for proper disposal of all non-compostable or unacceptable waste and removed for disposal on a regular basis</li> </ul>	5			
<b>Public Access Control [Subchapter 43-58(a)]</b> <ul style="list-style-type: none"> <li>Barriers in place to discourage unauthorized traffic &amp; dumping</li> </ul>	6			
<b>Measuring Waste: Class III, IV and Commercial Facilities only (Subchapter 43-34)</b> <ul style="list-style-type: none"> <li>Monthly waste reports submitted</li> <li>Feedstock measured, either by weight or volume, recorded</li> <li>Quarterly returns &amp; fees submitted</li> </ul>	7			
<b>Limitations on Waste Received (Subchapter 19-34 and subchapter 43)</b> <ul style="list-style-type: none"> <li>Facility must be properly constructed and in full compliance to: <ul style="list-style-type: none"> <li>Receive &gt; 200 tpd from &gt; 50 mi. or 200 tpd from out of state</li> </ul> </li> </ul>	8			
<b>Litter Control (Subchapter 19-35)</b> <ul style="list-style-type: none"> <li>Control blowing waste if conducive to wind dispersal</li> </ul>	9			
<b>Air Criteria (Subchapter 19-36)</b> <ul style="list-style-type: none"> <li>Open burning prohibited</li> <li>Prevent discharge of fugitive dust beyond property boundary</li> </ul>	10			
<b>Disease Vector Control [Subchapter 19-37(b)]</b> <ul style="list-style-type: none"> <li>Take measures to control disease vectors</li> </ul>	11			
<b>Placement of Waste [Subchapter 19-38 and 43-58(c)]</b> <ul style="list-style-type: none"> <li>No placement of waste in waters of the state</li> <li>Maintain 50' (or smaller if approved) waste-free buffer zones</li> <li>Maintain a designated unloading/processing area</li> </ul>	12			
<b>Salvage/Recycling (Subchapter 19-39)</b> <ul style="list-style-type: none"> <li>Activities IAW DEQ approved plan</li> </ul>	13			
<b>Recordkeeping/Reporting [Subchapter 19-40(a) &amp; (b), and 43-66(b)]</b> <ul style="list-style-type: none"> <li>Maintain operating record</li> </ul>	14			

<b>In Vessel Composting (Subchapter 43-65)</b> ➤ Composting operations conducted as defined in Operations Plan	15		
<b>Processing and Composting Areas (Subchapter 43-58 &amp; 43-59)</b> ➤ Material processed within 48 hours of delivery ➤ Limit storage of finished compost to 12 months' supply ➤ Maintain composting area/curing area ➤ Allow 2 weeks of curing before use ➤ All processing storage areas take place on all-weather pads	16		
<b>Composting Time (Subchapter 43-60 and 43-63)</b> ➤ Time and temperature conditions as described in the permit or Operations Plan ➤ Internal temperatures as described in the permit or Operations Plan are met before the removing the compost from the curing area	17		
<b>Windrow Turning and Construction (Subchapter 43-60 and 43-72)</b> ➤ Windrows turned a minimum of 5 times within 15 days ➤ Windrow constructed IAW the permit (Class III and IV only) <ul style="list-style-type: none"> <li>• Perpendicular to slopes</li> <li>• Windrow max size pile match minimum processing capability</li> <li>• Pile maintained for compaction</li> <li>• Easy access for personnel</li> <li>• Fire control measures in place IAW the permit</li> </ul>	18		
<b>All-Weather Access (Subchapter 43-72)</b> ➤ All-weather roads required	19		
<b>Temperature and Moisture Monitoring (Subchapter 43-52)</b> ➤ Are temperatures and moisture monitored IAW Operation Plans ➤ Are internal temperature and moisture readings recorded prior to each turning of windrows ➤ Are temperature and moisture measurements taken every 17 feet at a depth of 20 inches and recorded	20		
<b>Odor Control (Subchapter 43-64)</b> ➤ Control measures in place if odor detected outside of facility	21		
<b>Operations Plan (Subchapter 43-57)</b> ➤ Maintain and update operations plan as needed	22		
<b>Closure/Post-closure [Subchapter 25-2(a) &amp; 25-2(b)]</b> ➤ Approved closure/post-closure plan ➤ Closed IAW plan & rules ➤ Closure certification ➤ County land records notice	23		
<b>Cost Estimates &amp; Financial Assurance (Subchapter 27)</b> ➤ Cost estimates adjusted annually and submitted NLT 4/9 of each year ➤ Financial Assurance Mechanism maintained in amount of currently approved cost estimates	24		
<b>Waste Exclusion (Subchapter 29 and 43-53)</b> <i>Class III &amp; IV only</i> ➤ WEP approved & properly implemented ➤ Random inspections performed IAW approved WEP ➤ Inspection records maintained ➤ Training (8-hr initial, 4-hr. annual refresher) ➤ Trained personnel on site at all times when receiving waste ➤ DEQ notified of rejected waste	25		
<b>Miscellaneous</b> ➤ In compliance with permit conditions, requirements of DEQ NOVs/Orders not identified above, other requirements of OAC 252:515, other DEQ rules	26		

**Purpose of Visit**
☐ Routine Inspection

☐ NOV Follow-up (Case No. \_\_\_\_\_)

☐ Order Follow-up (Case No. \_\_\_\_\_)

☐ Complaint Investigation (Complaint No. \_\_\_\_\_)

**Operating Status**
☐ Active

☐ Closed (date entered PC \_\_\_\_\_)

☐ Other (identify \_\_\_\_\_)

**Action**
☐ None

☐ Notice to comply

LPD Inspector

Date

Facility Representative

Date