

## Texas Commission on Environmental Quality

### CHECKLIST WORKSHEET

#### MSW COMPOST CHECKLIST B - FACILITIES WHICH REQUIRE A REGISTRI

Reg Ent Name : \_\_\_\_\_

Date : \_\_\_\_\_

Add ID \_\_\_\_\_

Investigator Name \_\_\_\_\_

Item No	Description	Answer	Citations	Notes
	Requirements Applicable to All Compost Facilities			
1	Are composting activities conducted in a manner as not to create a nuisance?		332.4	
2	Are site activities conducted in a manner that prevents the discharge of material to or the pollution of surface water or groundwater?		332.4(3)	
3	Is the facility compliant with Federal Laws? (Refer to specific violation).			
4	Is the facility compliant with State Laws? (Refer to specific violation).			
5	Do compost operations prevent endangerment?		332.4(6)	
6	Are unauthorized or prohibited materials removed and disposed of in a timely manner?		332.4(8)	
7	Is leachate being used in the composting process? "Prohibited, except at permitted operations".		332.4(9)	
8	Is industrial and hazardous waste prohibited?		332.4(11)	
9	Has a request for a variance in writing been submitted?		332.5(b)	
10	Have air quality requirements been met or Ch. 116 authorization been obtained?		332.8(a)(2)	
11	Compliant with Ch. 116? (Applies to New Major Sources or Major Modifications in Non-Attainment Areas Only)		332.8(a)(3)	
12	Is the Air Quality Standard Permit available for review?		332.8(a)(7)	
	Operations Located at MSW Facilities			
13	Has prior approval been received to operate at a landfill?		332.4(7)	
14	Has a modification been submitted for exempt, notification or registration , or, are the operations authorized by a landfill permit? 332.6(A)			
	Resgistration Tier Requirements: Includes sewage sludge, positively-sorted organic materials, source-separated organic materials, diapers and paper products soiled with human excreta. End product standards also apply			
15	Is dust control being implemented?		332.8(d)(1)	
16	Is the volume of bulking material adequate?, and is the material processed in a manner to prevent nuisance?		332.8(d)(2)	
17	Are pneumatic conveyors venting conveying air through fabric filter?		332.8(d)(3)	
18	Are grinders enclosed or outside?			
A	filled during operation?			
B	equipped with fog nozzle?		332.8(d)(4)	
19	Is water or mechanical dust suppression available for conveyors?		332.8(d)(5)	

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20	Has the operator obtained certification by a Registered PE and certification maintained?		332.32(a)	
21	Has property ownership been established using affidavit?		332.32(b)	
22	Has a pre-opening inspection been conducted by TCEQ?		332.32(c)	
23	Has Compost Form #2 been submitted 30 days prior to construction?		332.33(a)(1)	
24	Has a registration application been submitted?		332.33(a)(2)	
25	Has an annual report been submitted and maintained?		332.33(a)(3)	
26	Is the final product testing report being submitted semi-annually?		332.33(a)(4)	
27	Has approval to process sludge byproduct of paper production been obtained from the executive director?			
28	Is the registration application complete?			
29	Does the facility meet all location criteria?			
30	Is leachate controlled and contained?		332.37(1)	
31	Is the facility designed, constructed, maintained and operated to protect groundwater?			
32	Are unauthorized or prohibited materials precluded from entering the composting process?		332.37(3)	
33	Is access to the facility controlled by a fence?		332.37(4)	
34	Are nuisance and fire hazard conditions being prevented?		332.37(5)	
35	Is the facility utilizing functional aerobic composting methods?		332.37(6)	
36	Are "Site Sign" requirements being met?		332.37(7)	
37	Is access road all-weather?		332.37(8)	
38	Prior authorization required for significant changes?		332.37(9)	
39	Are fungicides, herbicides, insecticides and other pesticides prohibited?		332.37(10)	
40	Are end-product standards being met?			
41	Does the facility have at least one TCEQ certified compost operator?		332.37(12)	
42	Is facility registration maintained on-site?		332.38(b)(1)(A)	
43	Is a log of abnormal events maintained on-site?		332.38(b)(1)(B)	
44	Is final product testing results maintained on-site?		332.38(b)(1)(C)	
45	Is annual report maintained on-site?		332.38(b)(2)	
46	Chemical & Physical Analysis: Analytical method must utilize SW-846, EPA-600, or Composting Council recommendations?		332.71(b)(1)	
47	Pathogen Analysis: Analytical method must utilize Standard Methods for the Examination of Water & Waste Water?		332.71(b)(2)	
48	Foreign Matter Analysis: Analytical method must utilize Composting Council recommendations?		332.71(b)(3)	
49	Salinity & pH Analysis: Analytical method must utilize NCR Method 14 for SME?		332.71(b)(4)	
50	Total Fixed & Volatile Solids Analysis: Analytical method shall utilize Method 2540 G?		332.71(b)(5)	

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51	Maturity Analysis: Analytical method shall utilize ROM Calculation Method [described in 332.71(d)] or method described in QAQC Plan?		332.71(b)(6)	
52	Is sample collection, preservation & analysis conducted according to Approved QAQC Plan?		332.71(c)	
53	Is the Maturity Testing Protocol approved and followed?		332.71(d)	
54	Are the batch numbers identifying the final product sampling batch maintained?		332.71(e)(1)(A)	
55	Are the quantities, types and sources of feedstocks received and the dates received maintained?		332.71(e)(1)(B)	
56	Is the quantity and final product grade maintained?		332.71(e)(1)(C)	
57	Is the date of sampling recorded?		332.71(e)(1)(D)	
58	Is the analytical data used to characterize the final product maintained?		332.71(e)(1)(E)	
60	Are records available for inspection?		332.71(e)(3)	
61	Is the facility sampling once every 5000 cy (or annually) with 9 grab samples?		332.71(f)(1)	
62	Are grab samples taken from the base of the stockpile 12" in; from the exposed surface; and 2' in from the exposed surface?		332.71(g)(1)	
63	If sampling from stopped conveyors, are samples taken along the entire width and depth of the belt?		332.71(g)(2)(A)	
64	If sampling from moving conveyors, are samples taken from the end in "D" shape?		332.71(g)(2)(B)	
65	Is the final product tested for Total Metals?		332.71(h)(1)	
66	Do pathogen analytical results include, salmonella and fecal coliform?		332.71(h)(6) 332.71(h)(6)(B) 332.71(h)(6)(A)	
67	Are batch numbers identifying the final product submitted twice annually?		332.71(j)(1)(A)	
68	Are the quantities, types and sources of feedstocks received submitted twice annually?		332.71(j)(1)(B)	
69	Is the quantity of final product required by 332.71(e)(1)(C) submitted twice annually?		332.71(j)(1)(C)	
70	Is the Permit # of disposal facility submitted twice annually, if product not Grades 1 or 2?		332.71(j)(1)(D)	
71	Are all analytical results submitted twice annually?		332.71(j)(1)(E)	
72	Is the date of sampling submitted twice annually?		332.71(j)(1)(F)	
73	Are reports submitted within 2 months after reporting period ends?		332.71(j)(2)	
74	Are compost labeling requirements being met?		332.74	
75	Other Violations			