

**GENERAL ASSEMBLY OF NORTH CAROLINA  
SESSION 2009**

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**HOUSE BILL 1100  
Committee Substitute Reported Without Prejudice 4/21/09  
Committee Substitute #2 Favorable 5/13/09**

Short Title: Stormwater Controls for Compost.

(Public)

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Sponsors:

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Referred to:

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April 7, 2009

A BILL TO BE ENTITLED

1 AN ACT TO DIRECT THE DEPARTMENT OF ENVIRONMENT AND NATURAL  
2 RESOURCES TO ESTABLISH STORMWATER CONTROL BEST MANAGEMENT  
3 PRACTICES AND PROCESS WATER TREATMENT PROCESSES FOR  
4 COMPOSTING OPERATIONS FOR THE PURPOSE OF PROTECTING WATER  
5 QUALITY.  
6

7 The General Assembly of North Carolina enacts:

8 **SECTION 1.(a)** The Department of Environment and Natural Resources shall  
9 establish standard stormwater control best management practices and standard process water  
10 treatment processes or equivalent performance standards for composting operations that are  
11 required to be permitted by the Division of Water Quality in the Department and the Division  
12 of Waste Management in the Department. These practices, processes, and standards shall be  
13 developed for the purpose of protecting water quality by controlling and containing stormwater  
14 that is associated with composting operations, by reducing the pollutant levels of process water  
15 from composting operations, and by reducing the opportunities for generation of such waters.

16 **SECTION 1.(b)** The Division of Water Quality shall clarify that stormwater is  
17 water that does not contact anything considered a feedstock, intermediate product, or final  
18 product of composting operations. The Division of Water Quality shall clarify that wastewater  
19 is leachate and water that contacts feedstocks, intermediate products, or final product, of  
20 composting operations. The clarifications shall incorporate available scientifically valid  
21 information obtained from sampling and analyses of North Carolina composting facilities and  
22 from valid representative data from other states. In addition, the Division of Water Quality  
23 shall establish threshold quantities of feedstocks, intermediate products, and final products  
24 above which water quality permitting will be required.

25 **SECTION 1.(c)** The Department shall establish revised water quality permitting  
26 procedures for the composting industry. The revised permitting procedures shall identify the  
27 various circumstances that determine which water quality permit is required for various  
28 composting activities. The Department shall determine whether selected low-risk subsets of the  
29 composting industry may be suitable for expedited or reduced water quality permitting  
30 procedures. The determination shall include consideration of the economic impact of  
31 regulatory decisions.

32 **SECTION 1.(d)** In developing the practices, processes, and standards and the  
33 revised water quality permitting procedures required by this section, the Department shall  
34 review practices, processes, and standards and permitting procedures adopted by other states  
35 and similar federal programs.



1           **SECTION 1.(e)** The Department shall form a Compost Operation Stakeholder  
2 Advisory Group composed of representatives from the North Carolina Chapter of the United  
3 States Composting Council, the North Carolina Association of County Commissioners, the  
4 North Carolina League of Municipalities, the North Carolina State Agricultural Extension  
5 Service, the North Carolina Chapter of the American Water Works Association-Water  
6 Environment Federation, the North Carolina Pumper Group, the North Carolina Chapter of the  
7 Solid Waste Association of North America, the North Carolina Septic Tank Association, and  
8 any individual or group commenting to the Department on issues related to water quality at  
9 composting operations. The Compost Operation Stakeholder Advisory Group shall be  
10 convened periodically to provide input and assistance to the Department.

11           **SECTION 1.(f)** The practices, processes, and standards and the revised permitting  
12 procedures shall address the site size of an operation, the nature of the feedstocks composted,  
13 the type of compost production method employed, the quantity and water quality of the  
14 stormwater or process water associated with composting facilities, the water quality of the  
15 receiving waters, as well as operation and maintenance requirements for the resulting standard  
16 stormwater control best management practices and standard process water treatment processes.

17           **SECTION 2.** Not later than December 31, 2009, the Department shall report to the  
18 Environmental Review Commission on the progress of the implementation of the provisions of  
19 this act and any recommendations from the Compost Operation Stakeholder Advisory Group  
20 and other commenters. The Department shall periodically make other progress reports as the  
21 Commission may subsequently direct.

22           **SECTION 3.(a)** For the period of time between the effective date of this act and  
23 phase-in provided by Section 3(d) of this act, permits for composting facilities shall be handled  
24 as follows:

- 25           (1) The Division of Water Quality shall issue interim water quality permit  
26 extensions to all composting facilities applying for a water quality permit  
27 renewal until the revised final water quality permitting procedures are  
28 phased in, as provided in Section 3(d) of this act. The issuance of interim  
29 water quality permit extensions shall be contingent upon no significant  
30 changes to the existing quantities, feedstocks, and composting methods  
31 permitted by the Division of Waste Management. For any facility found to  
32 be causing or contributing to a violation of water quality standards, the  
33 Division of Water Quality may subsequently determine that the facility is  
34 ineligible for continued coverage under an interim water quality permit  
35 extension.
- 36           (2) For facilities renewing permits issued by the Division of Waste Management  
37 prior to the phase-in provided in Section 3(d) of this act, but operating  
38 without the appropriate water quality permits, the Division of Water Quality  
39 will work with those facilities on a case-by-case basis to establish  
40 appropriate permit coverage.
- 41           (3) New water quality permit applications filed after July 1, 2009, shall be  
42 handled on a case-by-case basis.

43           **SECTION 3.(b)** Not later than January 1, 2010, the Department shall request  
44 comments and recommendations from the Compost Operation Stakeholder Advisory Group as  
45 to standard stormwater control best management practices, standard process water treatment  
46 processes, and performance standards and the elements of the revised water quality permitting  
47 procedures.

48           **SECTION 3.(c)** Not later than January 1, 2011, the Department shall establish  
49 standard stormwater control best management practices and standard process water treatment  
50 processes or performance standards, including standard methods for the reduction in volume  
51 for both of these waters.

1           **SECTION 3.(d)** Not later than January 1, 2011, the Department shall begin the  
2 phase-in of the revised water quality permitting procedures for the composting industry.  
3 Complete phase in of the revised water quality permitting procedures shall be accomplished not  
4 later than October 1, 2012.

5           **SECTION 3.(e)** Water quality permits for the composting industry shall include a  
6 reopener clause that may be used to revise permit conditions to reflect the results of the  
7 stakeholder process.

8           **SECTION 4.** This act is effective when it becomes law.