

1 15A NCAC 02D .1808 is proposed for adoption as follows:
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3 **15A NCAC 02D .1808 EVALUATION OF NEW OR MODIFIED SWINE FARMS**
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5 (a) Purpose. The purpose of this Rule is to specify the methods for evaluating new or modified swine
6 farms for compliance with the performance standards in G.S. 143-215.10I (b)(3).

7 (b) Applicability. This rule shall apply to new or modified swine farms that shall meet the performance
8 standards in G.S. 143-215.10I (b)(3).

9 (c) Requirements. New or modified swine farms subject to this rule shall comply with the requirements
10 in Section .1800 of this Chapter and the performance standards in G.S. 143-215.10I (b)(3).

11 (d) Evaluation of new or modified swine farms. For the purpose of evaluating odor at new or modified
12 swine farms for compliance with the performance standards in G.S. 143-215.10I (b)(3), the following
13 shall apply:

- 14 (1) When a field olfactometry method and instrumentation is used to determine odor
15 intensity at the designated evaluation location, as specified in Paragraph .1802(e) of this
16 Section, the measured dilution-to-threshold ratio shall be less than or equal to 7:1 as
17 determined using the published instrument procedures and instructions; or
18 (2) When odor intensity is determined using an Odor Intensity Referencing Scale (OIRS) as
19 specified in ASTM 544-99, the instantaneous observed level shall be less than the
20 equivalent of 225 parts per million n-butanol in air. In addition, the average of 30
21 consecutive observations conducted over a minimum of 30-minutes at designated
22 evaluation locations shall be less than the equivalent of 75 parts per million n-butanol in
23 air and a minimum of 4 readings out of the minimum 30 readings shall be less than or
24 equal to the equivalent 25 parts per million n-butanol in air.

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26 *History Note: G.S. 143-215.10I; 143-215.3(a)(1); 143-215.107(a)(11); 143-215.108(a).*