

**15A NCAC 18A .3105 LEAD POISONING HAZARD AND CLEARANCE STANDARD FOR SOIL**

(a) Bare soil at a residential housing unit or a child-occupied facility is a lead poisoning hazard when:

- (1) it contains greater than 400 parts per million lead in high contact areas for children; or
- (2) except as specified in Subparagraph (a)(1) of this Rule, it contains 1200 parts per million lead or greater in other locations at a residential housing unit or a child-occupied facility.

(b) Unless other remediation is determined by the Department to be necessary to protect the public health based on site-specific evidence including soil lead bioavailability, soil lead speciation, soil particle size, land use and condition, or epidemiologic data, all remediation plans pursuant to G.S. 130A-131.9C shall require that bare soil lead concentrations greater than 400 parts per million at a residential housing unit or a child-occupied facility in high contact areas for children or bare soil areas containing 1200 parts per million lead or greater in other locations at a residential housing unit or a child-occupied facility be:

- (1) covered with four to six inches of gravel or mulch that shall be maintained and replaced as often as necessary to ensure there is four to six inches of cover;
- (2) covered with sod or other vegetative cover that shall be maintained and replaced as often as necessary to ensure there is sod or other vegetative cover;
- (3) physically restricted by a permanent barrier;
- (4) removed; or
- (5) paved over with concrete or asphalt.

*History Note: Authority G.S. 130A-131.5; 130A-131.7;  
Eff. October 1, 1990;  
Transferred and Recodified from 15A NCAC 19I .0105 Eff. August 28, 1991;  
Transferred and Recodified from 15A NCAC 21E .0405 Eff. February 18, 1992;  
Amended Eff. August 1, 1996; January 1, 1995;  
Temporary Amendment Eff. November 21, 1997;  
Amended Eff. April 1, 1999;  
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