

**15A NCAC 13B .1621 CONSTRUCTION QUALITY ASSURANCE PLAN**

(a) Purpose. The construction quality control and quality assurance (CQA) plan must describe the observations and tests that will be used before, during, and upon completion of construction to ensure that the construction materials meet the design specifications and the construction and certification requirements set forth in Rule .1624 of this Section. The CQA plan must also describe the procedures to ensure that the integrity of the landfill systems will be maintained prior to waste placement.

(b) For construction of each cell, the CQA plan shall include, but not be limited to:

- (1) Responsibilities and authorities. The plan shall establish responsibilities and authorities for the construction management organization. A pre-construction meeting shall be conducted prior to beginning construction of the base liner system for a new cell. The meeting shall include a discussion of the construction management organization, respective duties during construction, and periodic reporting requirements for test results and construction activities.
- (2) Inspection activities. A description of all field observations, tests, equipment, calibration procedures for field testing equipment that will be used to ensure that the construction and installation meets or exceeds all design criteria established in accordance with Rules .1620 and .1624 of this Section must be presented in the CQA plan.
- (3) Sampling strategies. A description of all sampling protocols, sample size, methods for determining sample locations and frequency of sampling must be presented in the CQA plan.
- (4) Documentation. Reporting requirements for CQA activities must be described in detail in the CQA plan. Progress and troubleshooting meetings, daily and monthly, must be addressed in the plan and the contents of the meetings must be documented.

*History Note:* Authority G.S. 130A-294;  
Eff. October 9, 1993.