

## ASBESTOS

**RULE:** 15A NCAC 18C Section .1508 – “Inorganic Chemical Sampling and Analysis”

(Note: Federal Rule 40 CFR 141.23 incorporated into Section .1508 of NC’s Regulations by reference; NC added/clarified monitoring requirements for adjacent systems and community travel trailer parks, campgrounds and marina slips.)

**APPLIES TO:** Community and non-transient non-community water

### **SAMPLING REQUIREMENTS:**

- **Sampling Location:** Entry point or distribution system [40 CFR 141.23(b)]
  - If distribution system has any asbestos cement pipe - collect one water sample at a tap served by the asbestos cement pipe and under conditions where asbestos contamination is most likely to occur. [40 CFR 141.23(b)(5 and 7)]
  - If distribution system does not have asbestos cement pipe and water source is located in an asbestos vulnerable county - collect one water sample from each entry point. [40 CFR 141.23(b)(6)]
- **Number of Samples Required:** One sample per entry point or distribution location
- **Sampling Frequency:** [40 CFR 141.23(b)]
  - Initial/Routine: once every 9 years, however, sample must be collected during the first three-year compliance period of each 9 year cycle.
  - Reduced Monitoring (after MCL) – Can return to once every 9 years if determined by the State to be “reliable and consistently” below the MCL over specified timeframes, based on source type.
  - No monitoring - Waiver required; conditions stipulated; State may grant waiver if source water not vulnerable and no asbestos-cement pipe; [40 CFR 141.23(b)(2-4)].
  - Increased Monitoring – Quarterly if > MCL. [40 CFR 141.23(b)(8)].
- **Any Additional/Special Sampling Requirements:** N/A

**COMPLIANCE WITH THE MCL:** For systems monitoring quarterly - based on the running annual average (RAA); For systems monitoring less frequently – based on result of single sample. [40 CFR 141.23(i)]. See Section .1510 – “Maximum Contaminant Levels for Inorganic Chemicals”[ 40 CFR 141.11 and 141.62].

### **INCOMING REPORT/PLAN SUBMITTALS FROM SYSTEMS TO THE STATE:**

- **Analytical Results for All Compliance Samples** MUST be submitted to the State by NC certified laboratories in required format. (15A NCAC Section .1525; [40 CFR 141.31])
- **Sample Siting/Location Plans:** N/A
- **Waiver Applications:** Systems must apply to State for waiver of monitoring requirements.
- **Monthly Operating Reports:** N/A
- **Quarterly Status Reports and Corrective Action Plan Following MCL Violations**
- **Other Misc. Submittals if triggered by conditions of the rule:** N/A

### **OUTGOING ENFORCEMENT/REPORTS/APPROVALS FROM STATE TO SYSTEMS:**

- **Violation Letters:** Includes monitoring/reporting violations and maximum contaminant level (MCL) violations.
- **Administrative Orders**
- **Administrative Penalties**
- **Reminder Letters**
- **Exceedance Letters:** N/A
- **Approvals:** State reviews systems’ waiver applications; issues waiver approvals/denials.

(August 2007)