



UPDATING YOUR SAMPLE SITING PLAN

for Systems Transitioning to the Revised Total Coliform Rule (RTCR)

The historic Total Coliform Rule required all water systems to collect samples in accordance with a written Sample Siting Plan, subject to State review and approval. The Revised Total Coliform Rule (RTCR) [15A NCAC 18C .1539 (40 CFR 141 Subpart Y)] clarifies requirements for Sample Siting Plans that requires review and potential revision of your system’s Sample Siting Plan by no later than **March 31, 2016**.

The table below lists the new elements that need to be incorporated into the Plans, contains applicable rule citations, and denotes whether or not the Plan must be approved by the State, in writing.

For complete details on preparing and maintaining your Sample Siting Plan, please refer to the “Revised Total Coliform Rule - Sample Siting Plan Guidance” which is available on our website at www.ncwater.org/pws/.

An example Sample Siting Plan template is available on our website.

Element to be Incorporated or Updated	Rule Citation (15 NCAC 18C .1539)	Applicable to	Comments
Include all repeat sample locations or describe an approach to selecting repeat sample locations on a situational basis in a standard operating procedure (SOP).	§141.853(a)(1), §141.853(a)(5), §141.853(a)(5)(i)	All water systems	Locations/SOPs are subject to State review and revision
If your system wishes to collect a “dual-purpose” sample from its source water to fulfill the triggered monitoring requirements under the Ground Water Rule <u>and</u> to count as a required repeat upstream sample under the RTCR, you must specify the source water monitoring location and demonstrate that it is also representative of water quality in the distribution system.	§141.853(a)(5)(ii)	Water systems serving 1,000 or fewer people with a single well	Approved for all applicable systems; triggered groundwater source sample location must be shown on the system’s Sample Siting Plan which is subject to State review and revision.
For Seasonal Systems monitoring less frequently than monthly: Designate the time period for monitoring based on site-specific considerations (e.g. periods of highest demand or highest vulnerability of contamination.) Compliance samples must be collected from this time period.	§141.854(i)(2)(i)	Seasonal systems serving 1,000 or fewer people using only ground water	Subject to State review and revision