

Highlights of Proposed 2021 Guilford County Well Rules

Pages 1-3 Penalties and Remedies

Changes recommended by County Attorney's Office after consulting and reviewing previous edition of Rules.

Pages 5-7 Changes to definitions for Ground Source Heat Pump Well Systems

New definitions from 2C .0200 2012 revision; combines Type 5QW and Type 5QM as "Aqueous" and adds Direct Expansion systems. Type 5A7 is now listed as "Geothermal Heating/Cooling Water Return Well."

Page 5 Department of Environmental Quality

is a name change from 2013 Legislative reorganization of state departments.

Pages 8-9 "Known source of release of contamination"

is new definition from 2019 revision of 2C .0300 rules to help identify wells that MAY be at risk from contaminants. This requires that the Health Department use the Well Permit Decision Tool, which shows known sites of release of contamination.

Page 10 "Pitless Adapter"

Expanded definition is from the Water Systems Council (certification standard for pitless adapters) definition.

Page 10 "Sewer Lateral"

New definition from 2C .0100 2019 revision. Provides clarification of separation distances.

Page 15 VARIANCE

Clarifies when Guilford County may issue a variance and ensures compliance with Session Law 2018-65.

Pages 19-20 Separation to Septic Tank and Drainfield

Clarifies 2020 revision of 2C .0100 rules and ensures compliance with Session Law 2018-65.

Page 20 Sewer Lateral

Sewer Lateral separation distance is from 2017-05-12 state-wide Sewer Lateral Variance and is included in 2020 revision of 2C .0100 rules.

Pages 23-24 Source of Water

Simplifies depth of casing requirement. Forty feet has been standard for Guilford County since July 1, 1996. Session Law 2018-65 changed minimum casing depths across the state. Moving

one foot closer to certain sources of contamination could change minimum casing depth from 40 feet to 43 feet. This requirement prevents confusion and standardizes casing depth across Guilford County.

Page 42 Permanently Abandoned Wells

Includes changes from 2019 revision of 2C .0100 rules and standardizes wording for all types of wells.

Page 56-59 Ground Source Heat Pump Well Permits

Makes permitting requirements similar to 2019 revision of 2C .0223 rules.

Page 60 Closed Loop Injection Well Separation Distances

Expanded to include new separation distances in 2019 revision of 2C .0223 rules.