

**CHAPTER V
WATER SUPPLY STANDARDS**

SECTION I STANDARDS

- (A) The Water Supply Standards for the protection of the Water Supply in Mecklenburg County are those specified in subsections (B), (C) and (D) below. They are the maximum allowable concentrations of any substance or combination of substances in the groundwater of the County, which may be tolerated without creating a threat to human health or which would otherwise render the groundwater unsuitable for its usage as a water supply.
- (B) The Water Supply Standards are (1) those defined in 40 Code of Federal Regulations 141 and 143 (National Primary Drinking Water Standards; National Secondary Drinking Water Standards) (“40 CFR 141,143”), and (2) for those contaminants for which no standards are contained in 40 CFR 141,143.
- (C) Those contained in 15A NCAC 2L .0202 (g), (h) or (i).
- (D) The Water Supply Standards for contaminants specified in 15A NCAC 2L .0202 (g), (h) or (i) (“2L Standard”) shall be as listed, except that:
1. Where the 2L Standard for a substance is less than the practical quantitation limit, the detection of that substance at or above the practical quantitation limit shall constitute a violation of the Water Supply Standards.
 2. Where two or more substances exist in combination below the 2L Standards, the Water Supply Standard for the substances shall be as determined by the Division of Epidemiology to be protective of human health.
 3. Where an interim maximum allowable concentration has been established by the NCDENR pursuant to 15A NCAC 2L .0202 (c) such concentration shall constitute a violation of the Water Supply Standards.
 4. Except for tracers used in concentrations which have been determined by the Division of Epidemiology to be protective of human health, and the use of which has been permitted by the NCDENR, detectible concentrations of substances which are not naturally occurring and for which no standard is specified shall constitute a violation of the Water Supply Standards .
- (E) Parameters exceeding the concentrations listed in the National Secondary Drinking Water Standards will not constitute a violation of the Water Supply Standards for the purpose of requiring the abandonment of the water supply well or treatment of the raw well water prior to usage.