

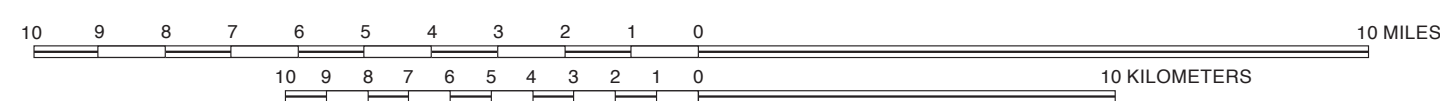
EXPLANATION

— 100 — Water-quality contour—Shows altitude of 250-milligrams-per-liter (mg/L) chloride iso-concentration surface. Hatchures indicate depression. Contour intervals 150 and 250 feet. Datum is National Geodetic Vertical Datum of 1929

Groundwater-production well screened-interval bottom position relative to chloride iso-concentration surfaces—Well symbols are color referenced to figures 7 and 8, and attachment 1

- >50 feet above and >1 lateral mile from 250-mg/L surface
- >50 feet above and ≤1 lateral mile from 250-mg/L surface
- ≤50 feet above 250-mg/L surface
- Yorktown-Eastover aquifer
- Potomac aquifer
- ≤50 feet below 250-mg/L surface
- Yorktown-Eastover aquifer
- Potomac aquifer
- >50 feet below 250-mg/L surface
- Below 1,000-mg/L surface
- × Projected location of lateral-intrusion observation well

Base modified from U.S. Geological Survey
State of Virginia, 1:500,000, 1973



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Locations of Groundwater-Production Wells, Projected Locations of Lateral Intrusion Observation Wells, and the Configuration of the 250-Milligrams-Per-Liter Chloride Iso-Concentration Surface in the Coastal Plain of Virginia

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