

# VA DEQ Bacteria Water Quality Monitoring

Robinson River and Little Dark  
Run TMDL Implementation Plan

January 6, 2011



# Bacteria Monitoring

- Recreation Use Goal – protects human health
- Sample collection
  - Trained personnel
  - Collected where we have access (bridge crossings)
  - Frequency of collection dependent on sampling program
    - Once per month: Chesapeake Bay Program
    - Every other month:
      - Trend program: historical, long term monitoring
      - Watershed program: 2-year term monitoring, in a 6-year cycle
  - Capture a range of climatological, seasonal, and flow variations
- Sample analysis
  - Division of Consolidated Laboratory Services (DCLS)
  - Stringent quality assurance/quality control procedures
- Quality assured data used in Integrated Reports



# Robinson River Watershed - Recent DEQ Monitoring Stations (2009-2010)



# Robinson River Watershed - Present DEQ Monitoring Stations (2011-2012)



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