



2002 303(D) Impaired Waters Fact Sheet

Part: 1A

RIVER BASIN: YORK RIVER BASIN

CITY/COUNTY: Orange

STREAM NAME: Pamunkey Creek

HYDROLOGIC UNIT: 02080106

SEGMENT SIZE: 12.14 - Miles

INITIAL LISTING: 1998

TMDL SCHEDULE: - 2010

SEGMENT ID(s): VAN-F07R

UPSTREAM LIMIT:

DESCRIPTION: Confluence of Tomahawk Creek and Church Creek, where Pamunkey Cree begins

RIVER MILE: 21.20

LATITUDE: 381328.0

LONGITUDE: 780418.0

DOWNSTREAM LIMIT:

DESCRIPTION: Confluence with Lake Anna

RIVER MILE: 9.06

LATITUDE: 380847.0

LONGITUDE: 775606.0

LOCATION INFORMATION:

Segment begins at the confluence of Tomahawk Creek and Church Creek, where Pamunkey Creek begins, and continues downstream to the confluence with Lake Anna. The lower portion of this segment, from the confluence of Clear Creek with Pamunkey Creek downstream to the lake, was listed in the 1998 303(d) report. The upstream portion was added to the 1998 303(d) list segment because of an additional monitoring station established on Pamunkey Creek at Route 630 (rivermile 14.75).

CLEAN WATER ACT GOAL AND USE SUPPORT:

Swimmable Use - Partially Supporting

IMPAIRMENT CAUSE: Fecal Coliform

Sufficient fecal coliform bacteria exceedances were recorded at DEQ's water quality monitoring stations at Route 651 (8-PMC009.85) and Route 630 (8-PMC014.75) to assess this stream segment as partially supporting of the Clean Water Act's Swimmable Use goal for the 2002 305(b) report. Four of 19 samples (21%) exceeded the instantaneous fecal bacteria standard at station 8-PMC009.85; two of 13 samples (15.4%) exceeded the standard at station 8-PMC014.75.

IMPAIRMENT SOURCE: Unknown

The source of fecal coliform bacteria exceedances is unknown.