



COMMONWEALTH of VIRGINIA

Department of Health
DIVISION OF SHELLFISH SANITATION
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Rappahannock River: Totuskey Creek to Tappahannock Bridge
Growing Area # 025A
Richmond County
Shoreline Sanitary Survey

Date: 11 January 2013
Survey Period: July 26 – December 14, 2012
Total Number of Properties Surveyed: 88
Surveyed By: W.A. McCarty III

SECTION A: GENERAL

This survey area extends from Reference Point 26 at the Downing Bridge, including the Rappahannock River shoreline between these two points, Pecks Creek, Jugs Creek, Little Carter Creek, McGuire Creek, and all of their tributaries.

The topography of the area varies in elevation from the shoreline to a maximum of 130' along the eastern edge of the survey boundary. The population density throughout the area is mostly sparse with a moderate concentration around the town of Warsaw. The economy is based on local commerce, agriculture, and seafood. According to the U.S. Census, Richmond County recorded a 2010 population of 9,254 – a 5.1% growth over the past ten years.

Meteorological data indicated that 17.07" of rain fell during the survey period. A monthly breakdown of rainfall is as follows:

July 26-31	2.59"	September	1.84"	November	0.47"
August	3.97"	October	7.88"	December 1-14	0.32"

The Commonwealth of Virginia, under Code Section 9VAC 10-20-120.7, specifies that on-site sewage treatment systems not requiring a Virginia Pollutant Discharge Elimination System (VPDES) permit shall:

- a. *Have pump-out accomplished for all systems at least once every five years.*
 - (1) *If deemed appropriate by local health department and subject to conditions the local health department may set, local governments may offer to the owners of such system, as an alternative to the mandatory pump-out, the option of having a plastic filter installed and maintained in the outflow pipe from the septic tank to filter solid material from the effluent while sustaining adequate flow to the drainfield to permit normal use of the septic system. Such a filter should satisfy standards established in the Sewage Handling and Disposal regulations (12VAC5-610) administered by the Virginia Department of Health.*
 - (2) *Furthermore, in lieu of requiring proof of septic tank pump-out every five years, local governments may allow owners of on-site sewage treatment systems to submit*

documentation every five years, certified by a sewage handler permitted by Virginia Department of Health, that the septic system has been inspected, is functioning properly, and the tank does not need to have the effluent pumped out of it.

Information about Richmond County can be found on the county website at:
www.co.richmond.va.us.

Found during the survey was 1 on-site deficiency and 3 sites marked for animal pollution.

Copies for Bacteriological, Hydrographic and Shellfish closure data are available at the White Stone office for review. Copies of the current condemnation notices and maps are available via the internet at www.vdh.virginia.gov/shellfish.

This report lists only those properties that have a sanitary deficiency or may have other environmental significance. ***DIRECT*** indicates that the significant activity or deficiency may have a direct impact on shellfish waters. Individual field forms with full information on properties listed in this report are on file in the Richmond office of the Division of Shellfish Sanitation and are available for reference until superseded by a subsequent survey of the area. Data in the report is also made available to local health departments and other agencies to address items that may be out of compliance with their regulatory programs.

SECTION B: SEWAGE POLLUTION SOURCES

SEWAGE TREATMENT FACILITIES

-None -

ON-SITE SEWAGE DEFICIENCIES

3. ***DIRECT*** – CONTRIBUTES POLLUTION – Location: 464 Sturman Lane, Warsaw 22572. Dwelling – 1 story tan frame with brown shutters. It appears that the aerobic septic tank is being pumped onto ground surface. Sanitary Notice issued 8/6/2012 to Field # 28.

POTENTIAL POLLUTION

-None-

SECTION C: NON-SEWAGE WASTE SITES

INDUSTRIAL WASTES

-None-

SOLID WASTE DUMPSITES

-None-

SECTION D: BOATING ACTIVITY

MARINAS

-None-

OTHER PLACES WHERE BOATS ARE MOORED

-None-

UNDER SURVEILLANCE

-None-

SECTION E: CONTRIBUTES ANIMAL POLLUTION

1. ***DIRECT*** – Location: 2467 Richmond Road, Warsaw 22572. Dwelling – white aluminum siding 2 story farm house. 2 persons. Found on-site were 30 beef cattle with direct access to a drainage ditch connecting to an unnamed tributary of Little Carter Creek. Manure is left on the ground.
2. ***DIRECT*** – Location: 1694 Sabine Hall Road, Warsaw 22572. Dwelling – brick 2 story (Sabine Hall Plantation). 2 persons. Found on-site were 23 beef cattle, 2 horses, and 1 donkey less than 200 feet from Little Carter Creek. Manure is left on the ground.
4. ***DIRECT*** - Location: 3111 Islington Road, Warsaw 22572. Dwelling – white aluminum siding 2 story with green shutters. 2 persons. Found on-site were 15 beef cattle less than 100 feet from the Rappahannock River. Manure is left on the ground.

SUMMARY

Area # 025A

Rappahannock River: Totuskey Creek to Tappahannock Bridge

11 January 2013

SECTION B: SEWAGE POLLUTION SOURCES

1. SEWAGE TREATMENT FACILITIES

0 – DIRECT – None

0 – INDIRECT – None

0 – B.1. TOTAL

2. ON-SITE SEWAGE DEFICIENCIES – Correction of deficiencies in this section is the responsibility of the local health department.

1 – CONTRIBUTES POLLUTION, DIRECT – # 3

0 – CONTRIBUTES POLLUTION, INDIRECT – None

0 – CP – (Kitchen or Laundry Wastes) – DIRECT – None

0 – CP – (Kitchen or Laundry Wastes) – INDIRECT – None

0 – NO FACILITIES – DIRECT – None

0 – NO FACILITIES – INDIRECT – None

1 – B.2. TOTAL

3. POTENTIAL POLLUTION – Periodic surveillance of these properties will be maintained to determine any status change.

0 – POTENTIAL POLLUTION – None

SECTION C: NON-SEWAGE WASTE SITES

1. INDUSTRIAL WASTE SITES

0 – DIRECT – None

0 – INDIRECT – None

0 – C.1. TOTAL

2. SOLID WASTE SITES

0 – DIRECT – None

0 – INDIRECT – None

0 – C.2. TOTAL

SECTION D: BOATING ACTIVITY

0 – MARINAS – None

0 – OTHER PLACES WHERE BOATS ARE MOORED – None

0 – UNDER SURVEILLANCE – None

0 – D. TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION

3 – DIRECT – # 1, 2, 4

0 – INDIRECT – None

3 – E. TOTAL

