RAPPANNOCK RIVER: MUD AND PARROTTS CREEKS
Growing Area # 027
Middlesex County
Shoreline Sanitary Survey

Date: 8 April 2011
Survey Period: August 6, 2010 – February 18, 2011
Total Number of Properties Surveyed: 250
Surveyed By: W.A. McCarty

SECTION A: GENERAL

This survey area extends from Reference Point 28 at Canoe House Road to Reference Point 29 at the eastern end of Corbin Hall Road, including the Rappahannock River shoreline between these two points, Mud Creek, Parrotts Creek, Harry George Creek, Weeks Creek and all of their tributaries.

At the northern end of the survey area, between Reference Point 28 and Harry George Creek, the land rises sharply from the shoreline to approximately 50 feet near the outer boundary of the survey area. The rise is more gradual near the southern end of the survey area, stopping at about 30 feet. The population is sparse, made up primarily of seasonal and weekend visitors who occupy second homes and cottages along the shoreline, especially in the community of Water View. Agriculture, forestry, recreational boating and fishing and seafood harvesting are the basis for the local economy. The US Census Bureau reported that the population of Middlesex County showed an increase of 10.3 percent between 2000 and 2010.

Meteorological data indicated a total of 24.71” of rain fell during the survey period. A monthly breakdown of rainfall is as follows:

<table>
<thead>
<tr>
<th>Month</th>
<th>Rainfall (”)</th>
<th>Month</th>
<th>Rainfall (”)</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 6-31, 2010</td>
<td>3.22”</td>
<td>November</td>
<td>1.20”</td>
</tr>
<tr>
<td>September</td>
<td>10.05”</td>
<td>December</td>
<td>2.58”</td>
</tr>
<tr>
<td>October</td>
<td>4.79”</td>
<td>January 2011</td>
<td>2.17”</td>
</tr>
<tr>
<td>February 1-18</td>
<td>0.70”</td>
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</tbody>
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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 Middlesex County can be found on the county website at: [www.co.middlesex.va.com](http://www.co.middlesex.va.com).

Found during the survey were 0 STF facilities, 1 on-site deficiency, 1 property marked as potential deficiency, 0 industrial sites, 0 solid waste sites, 4 boating activity sites, and 3 sites marked for animal pollution.


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**

5. NO FACILITIES, **DIRECT** – Location: 302 Parrots Creek Lane, Water View 23180. Private marina. Sanitary Notice issued Jan to Field # 178. Tax Map # 36A 1 8.

**POTENTIAL POLLUTION**

7. Location: 85 Waters End Lane, Water View 23180. Dwelling – Tan wood siding 1½ story with white trim. No contact. Four inch white PVC pipe empties through bulkhead to the Rappahannock River. No evidence of pollution at time of inspection.

### 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


5. Water View Packing Co., 302 Parrotts Creek Lane, Water View 23180. Available on-site are 10 seasonal slips and a solid waste container.


UNDER SURVEILLANCE

1. Katona & Saunders, Montague Island Road, Jamaica 23079. Available on-site is a community ramp.

SECTION E: CONTRIBUTES ANIMAL POLLUTION

2. Location: 3835 Water View Road, Water View 23180. Dwelling – 1 story tan vinyl with burgundy trim. Present at time of survey were 80 chickens roaming free. Manure is left on ground surface.

3. Location: 229 Millstone Landing Road, Water View 23180. Dwelling – 1 story blue vinyl siding with white trim. Present at time of survey were 4 horses, 2 goats, and 3 dogs. Manure is left on ground surface.

8. DIRECT – Location: 2403 Corbin Hall Drive, Urbanna 23175. Present at time of survey were 50 cows and 6 horses. Cows roam free between shoreline survey area 27 and 28 within 200 feet of the Rappahannock River and Weeks Creek.
SUMMARY

Area # 027
Rappahannock River: Mud and Parrotts Creeks
8 April 2011

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.
   0 – CONTRIBUTES POLLUTION, DIRECT – None
   0 – CONTRIBUTES POLLUTION, INDIRECT – None
   0 – CP (Kitchen or Laundry Wastes) – DIRECT – None
   0 – CP (Kitchen or Laundry Wastes) – INDIRECT – None
   1 – NO FACILITIES, DIRECT – # 5
   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.
   1 – POTENTIAL POLLUTION – # 7

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
   3 – OTHER PLACES WHERE BOATS ARE MOORED – # 4, 5, 6
   1 – UNDER SURVEILLANCE – # 1
   4 – D. TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION
   1 – DIRECT – # 8
   2 – INDIRECT – # 2, 3
   3 – E. TOTAL
Virginia Department of Health
Division of Shellfish Sanitation

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