



# COMMONWEALTH of VIRGINIA

*Department of Health*  
*DIVISION OF SHELLFISH SANITATION*  
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## **LOCKLIES AND MILL CREEKS Growing Area # 031 Middlesex County Shoreline Sanitary Survey**

**Date:** 3 April 2012

**Survey Period:** October 21, 2011 – March 8, 2012

**Total Number of Properties Surveyed:** 371

**Surveyed By:** D.B. Geeson & R. M. Thomas

### **SECTION A: GENERAL**

This survey area extends from Reference Point 32 at the Norris Bridge on Route 3 to Reference Point 33 at the end of Route 628, including the Rappahannock River between these points, Locklies Creek, Mill Creek, Duck Pond and all of their tributaries. The survey boundary has been revised. See map for current survey boundary.

The topography of the area varies in elevation from ten feet around the shoreline to a maximum of sixty feet at the outer edge of the shoreline boundary. The population density is moderate with concentrations of summer/weekend homes along the shoreline. The economy is based mainly on agriculture, recreation and the seafood industry.

Meteorological data indicated that 12.67" of rain fell during the survey period; a monthly breakdown is as follows.

October 21-31, 2011	1.36"	December	1.38"	February	3.27"
November	3.19"	January 2012	2.57"	March 1-8	0.9"

The current restriction on shellfish harvesting is Condemnation Number 031-102, Locklies and Mill Creek, revised 27 July 2010. Copies of the current condemnation notices and maps are attached to this report.

Copies of Bacteriological, Hydrographic and Shellfish Closure data are available at the area office for review. Copies of the current condemnation notices and maps are available via the internet at <http://www.vdh.virginia.gov/shellfish/>.

This report lists only those properties which have a sanitary deficiency or have other environmental significance. **"DIRECT"** indicates that the significant activity or deficiency has a direct impact on the 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report are on file in the Richmond Office of the Division of Shellfish Sanitation and are available for reference until superseded by a subsequent survey of the area.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.

*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 the 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.*

## **SECTION B: SEWAGE POLLUTION SOURCES**

### **SEWAGE TREATMENT FACILITIES**

-None-

### **ON-SITE DEFICIENCIES**

-None-

### **POTENTIAL POLLUTION**

-None-

## **SECTION C: NON-SEWAGE WASTE SITES**

-None-

### **INDUSTRIAL WASTES**

-None-

### **SOLID WASTE SITES**

-None-

## **SECTION D: BOATING ACTIVITY**

### **MARINAS**

3. Locklies Marina, 784 Locklies Creek Road, Topping 23169. Owner: PO Box 88, Topping 23169. Commercial marina and restaurant. 4 employees. Boating services provided are electricity, water, dump station, solid waste receptacles and boat ramp. Sanitary facilities provided are a unisex restroom with 1 commode and 1 lavatory and an employee restroom with 1 commode and 1 lavatory. Waste disposal is to septic tank with drainfield which appeared to be in satisfactory condition at time of survey.

6. Morton E. Clark Marine Railway and Marina, 3085 Regent Road, Topping 23169. Commercial marina. No contact. Boating services provided are electricity, water, waste disposal receptacle, boat ramp and marine railway for repairs. Sanitary facilities are 1 commode and 1 lavatory for men and 1 commode and 1 lavatory for women. Waste disposal is to septic tank with drainfield which appeared to be in satisfactory condition at time of survey.
7. Mildred H. Clark Marina, end of state route 623, Topping 23169. Owner: PO Box 131, Topping 23169. Commercial marina. No contact. Boating services provided are electricity and water. No sanitary facilities are available.
8. Regent Point Marina, 317 Regent Point Drive, Topping 23169. Commercial marina. 2 employees. 132 slips/moorings. Restroom facilities are available and associated drainfield appeared to be functioning satisfactorily at time of inspection. Boating services provided are water, electricity, ramp, dump station, boat holding tank pump-out, and solid waste containers.

#### **OTHER PLACES WHERE BOATS ARE MOORED**

4. Locklies Landing, end of Locklies Creek Road (Route 621), Topping 23169. Owner: Middlesex County, c/o County Administrator, PO Box 428, Saluda 23149. Public landing. No contact. Boating service provided is electricity. Sanitary facilities provided are 1 commercial portable toilet for men and 1 commercial portable toilet for women. The portable toilets are serviced by Churchview Septic Service, Inc. The commercial privies are also used as boat portable toilet dump stations.
5. Location: 686 Masons Cove Lane, Topping 23169. Private residence and pier. 1 person. Boating services provided are water and electricity. Owner stated that 6 to 8 friends are allowed to moor boats at his dock at no charge. Sanitary facilities are restrooms in owner's house approximately 120 feet from pier. Waste disposal is to septic tank with drainfield which appeared to be in satisfactory condition at time of survey.

#### **UNDER SURVEILLANCE**

1. Beverly Beach Association, end of Toney Avenue, Topping 23169. Owner: Beverly Beach Association, P.O. Box 124, Topping 23169. Community boat ramp and pier. No contact. The boat ramp and moorings are the only boating services provided. No sanitary facilities are provided.
12. Mill Creek Public Boat Ramp, end of SR 626. Owner: Department of Game and Inland Fisheries, 4010 West Broad Street, Richmond 23230. Public boat ramp and pier. No contact. 8 moorings. There were no boats present at time of survey. No boating services or sanitary facilities are available at this location.

#### **SECTION E: CONTRIBUTES ANIMAL POLLUTION**

2. ***DIRECT*** – Location: 2966 Greys Point Road, Topping 23169. Dwelling- Brown brick 1 story (with basement) with black shutters and white trim. 2 persons. Present at time of survey were 5 horses approximately 100 yards from the Rappahannock River. Manure is left in field to decompose.

9. Location: 2646 Regent Road, Topping 23169. Dwelling - 2 story green vinyl siding with red shutters. 5 persons. Present at the time of survey were 2 cows, 4 turkeys, 4 hogs, and 12 dogs in 6 acres of fenced pasture within 1/4 mile of Mill Creek. Manure is left on ground.
10. Location: 183 Barracks Mill Road, Topping 23169. Dwelling - 2 story log home. 2 persons. Present at time of survey were 13 goats in 2 acres of fenced pasture. Manure is left on ground.
11. Location: 1341 Wake Road, Topping 23169. Dwelling - 1 story off-white block. 2 persons. Present at time of survey were 18 horses in 14 acres of fenced pasture. Manure is piled in a bin for composting.

Area # 031  
Locklies and Mill Creeks  
3 April 2012

## SUMMARY

### SECTION B: SEWAGE POLLUTION SOURCES

#### 1. SEWAGE TREATMENT WORKS

- 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.
- 0 – NO FACILITIES, DIRECT – None.
- 0 – NO FACILITIES, INDIRECT – None.
- 0 – 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

- 4 – MARINAS – # 3, 6, 7, 8
- 2 – OTHER PLACES WHERE BOATS ARE MOORED – # 4, 5
- 2 – UNDER SURVEILLANCE – # 1, 12
- 8 – D. TOTAL

### SECTION E: CONTRIBUTES ANIMAL POLLUTION

- 1 – DIRECT – # 2
- 3 – INDIRECT – 9, 10, 11
- 4 – E. TOTAL



