



# COMMONWEALTH of VIRGINIA

*Department of Health*  
*DIVISION OF SHELLFISH SANITATION*  
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## **DIVIDING CREEK Growing Area # 015 Northumberland County Shoreline Sanitary Survey**

**Date:** 6 August 2012  
**Survey Period:** January 6 – June 8, 2012  
**Total Number of Properties Surveyed:** 295  
**Surveyed By:** W.A. McCarty

### **SECTION A: GENERAL**

This survey area extends from Reference Point 15 at Hughlett Point to Reference Point 16 at Bluff Point, including the Chesapeake Bay shoreline between these two points: Dividing Creek (Natty Point Cove, Lawrence Creek), Prentice Creek, Jarvis Creek, and all of their tributaries.

The area is moderately populated with slight concentrations around Ditchley with most of the development along coastal sections. Elevation rises from less than 5' along the Chesapeake Bay shoreline to a maximum of 20' at the western boundaries of the headwaters. The US Census Bureau reported that the population of Northumberland County showed an increase of 0.6 percent between 2000 and 2010. The economy of the area is dependent mainly upon agriculture and seafood industries.

Meteorological data indicated a total of 14.83" of rain fell during the survey period. A monthly breakdown of rainfall is as follows:

January 6-31, 2012	2.59"	March	2.99"	May	1.62"
February	4.15"	April	2.61"	June 1-8	0.87"

*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 Northumberland County can be found on the county website at:  
[www.co.northumberland.va.us](http://www.co.northumberland.va.us).

Found during the survey were 2 on-site deficiencies, 1 industrial site, 4 boating activity sites, and 1 site 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](http://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**

2. NO FACILITIES - Location: Natty Cove Lane, Kilmarnock 22482. Boathouse with living quarters. No contact. No bathroom facilities found onsite. Sanitary notice issued 5-16-2012 to Field # 92.
3. CONTRIBUTES POLLUTION – Location: 1093 Ditchley Road, Kilmarnock 22482. Dwelling – Grey mobile home with grey skirting around base. No contact. Septic tank lid is cracked. Sanitary Notice issued 3/30/2012 to Field # 137.

### **POTENTIAL POLLUTION**

-None-

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

### **INDUSTRIAL WASTES**

6. ***DIRECT*** – Kelly Seafood Co., Inc., 119 Sheltered Lane, Kilmarnock 22482. Business – Deactivated oyster shucker-packer (VA 272 SP) facility. Wastes from 3 unused work boats plus runoff from oil drums and old machinery drains directly into Jarvis Creek. VPDES Permit # VAG524031.

### **SOLID WASTE DUMPSITES**

-None-

## **SECTION D: BOATING ACTIVITY**

### **MARINAS**

4. Ditchley Park Boat Basin, 236 Shore Drive, Kilmarlock 22482. Community marina. Available on-site are 6 slips/moorings, water and electricity.

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

2. Location: End of Natty Cove Lane, Kilmarlock 22482. Available on-site are 8 slips/moorings and electricity.
6. Location: 119 Sheltered Lane, Kilmarlock 22482. Kelly Seafood Co., Inc. Available on-site are 5 slips/moorings.

### **UNDER SURVEILLANCE**

1. Location: Lagrange Avenue, Kilmarlock 22482. Lagrange Estates. Available on-site is a community boat ramp and a loading/unloading dock.

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

5. Location: 824 Ditchley Road, Kilmarlock 22482. Present at time of survey were 10 cows. Manure is left on ground.

## SUMMARY

Area # 015  
Dividing Creek  
6 August 2012

### 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  
1 – CONTRIBUTES POLLUTION, INDIRECT – # 3  
0 – CP – (Kitchen or Laundry Wastes) – DIRECT – None  
0 – CP – (Kitchen or Laundry Wastes) – INDIRECT – None  
0 – NO FACILITIES – DIRECT – None  
1 – NO FACILITIES – INDIRECT – # 2  
2 – 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

1 – DIRECT – # 6  
0 – INDIRECT – None  
1 – C.1. TOTAL

#### 2. SOLID WASTE SITES

0 – DIRECT – None  
0 – INDIRECT – None  
0 – C.2. TOTAL

### SECTION D: BOATING ACTIVITY

1 – MARINAS – # 4  
2 – OTHER PLACES WHERE BOATS ARE MOORED – # 2, 6  
1 – UNDER SURVEILLANCE – # 1  
4 – D. TOTAL

### SECTION E: CONTRIBUTES ANIMAL POLLUTION

0 – DIRECT – None  
1 – INDIRECT – # 5  
1 – E. TOTAL



76°21'0"W

76°20'0"W

76°19'0"W

37°46'0"N

37°45'0"N

37°44'0"N

37°43'0"N

37°42'0"N

37°46'0"N

37°45'0"N

37°44'0"N

37°43'0"N

37°42'0"N

Virginia Department of Health  
Division of Shellfish Sanitation

Dividing Creek  
# 015  
Shoreline Sanitary Survey

Northumberland County

Date: 6 August 2012  
Survey By: W.A. McCarty  
Number of Properties Surveyed: 295



0 600 1,200  
Yards

Legend

Seawater Sampling Stations

- Active
- Inactive
- Sewered areas
- DGIF Boat Ramps

Shoreline Survey Deficiencies

- Sewage Treatment Facility - Direct
- Sewage Treatment Facility - Indirect
- Contributes Pollution - Direct
- Contributes Pollution - Indirect
- Contributes Pollution (Kitchen or Laundry wastes) - Direct
- Contributes Pollution (Kitchen or Laundry wastes) - Indirect
- No Facilities - Direct
- No Facilities - Indirect
- Potential Pollution
- Industrial Wastes, Direct
- Industrial Wastes, Indirect
- Solid Waste Dumpsite - Direct
- Solid Waste Dumpsite - Indirect
- Boating Activity
- Contributes Animal Pollution - Direct
- Contributes Animal Pollution - Indirect

76°21'0"W

76°20'0"W

76°19'0"W

76°18'0"W