



# COMMONWEALTH of VIRGINIA

*Department of Health*  
*DIVISION OF SHELLFISH SANITATION*  
109 Governor Street, Room 614-B  
Richmond, VA 23219

Ph: 804-864-7487  
Fax: 804-864-7481

## **SEASIDE: EASTVILLE STATION TO NASSAWADOX Growing Area # 095 Northampton County Shoreline Sanitary Survey**

**Date:** 4 December 2013  
**Survey Period:** July 5 – November 15, 2013  
**Total Number of Properties Surveyed:** 197  
**Surveyed By:** D.P. Miller

### **SECTION A: GENERAL**

This survey area extends from Reference Point 94 at the triangulation marker Scott 2 off the end of Route 631 (extended) to Reference Point 95 at the most prominent point below the Machipongo River mouth south off the end of Route 608, including the seaside shoreline between these points and offshore islands, Great Machipongo Inlet, the north side of Rowles Hole Channel, Outlet Bay (Gull Marsh Channel, The Deeps, Powells Channel, The Outlet, and Sunday Ditch), The Ramshorn (Point Creek, Great Gut, and Eel Gut), Castle Ridge Creek (Mill Creek, Eastern Lead, and Fowling Point Gut), Red bank Creek (Bog Gut and Phillips Creek), Hog island Bay (Big Sharpleys Creek, Long Prong, Short Prong, Middle Channel, Heather Upper Landing Creek, Hodges Narrows, North Inlet, and the south side of North Channel and Great Machipongo Channel along the Accomack-Northampton county line), the south side of Quinby Inlet, and all of their tributaries.

The economy of the area is dependent mainly upon agriculture. The population is relatively sparse throughout the survey, except for concentrations in the Nassawadox area. Topographic relief ranges to elevations of 25' to 30' along the western boundary of the survey.

Meteorological data indicated a total of 10.93" of rain fell during the survey period. A monthly breakdown is as follows:

July 5-31, 2013	2.30"	September	0.86"	November 1-15	0.85"
August	4.51"	October	2.41"		

There are currently no restrictions on shellfish harvesting. 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/). Copies of Bacteriological, Hydrographic and Shellfish Closure data are available at the area office for review.

All properties in the survey area are served by individual on-site sewage disposal systems.

Information in this report is gathered by and primarily for use of the Division of Shellfish Sanitation, Virginia Department of Health, in order to fulfill its responsibilities of shellfish growing area supervision and classification. However, the data are made available to various agencies

participating in shellfish program coordinated activities or other interested parties.

Report copies are provided to the local health department for corrective action of deficiencies listed on the summary page in Sections B.2. and B.3. and the Department of Environmental Quality for possible action at properties listed on the summary page in Sections B.1., C.1. and C.2. The Division of Soil and Water Conservation is provided information on possible sources of animal pollution found in Section E.

This report lists only those properties that have a sanitary deficiency or have other environmental significance. "DIRECT" indicates that the significant activity or deficiency has 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 resurvey of the area.

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

### **SEWAGE TREATMENT FACILITIES**

-None-

### **ON-SITE SEWAGE DEFICIENCIES**

7. CONTRIBUTES POLLUTION (Kitchen or Laundry Waste), Location: 10304 Red Bank Road, Marionville. Dwelling – white SW trailer with burgundy shutters. Contact: Yes. 2" PVC pipe originating from residence crawl space and terminating into back yard actively dispersing grey water onto ground surface. Owner states that pipe is connected to kitchen sink. Sanitary Notice issued 11-8-2013 to Field # D165.

### **POTENTIAL POLLUTION**

3. Location: 9377 Box Tree Drive Machipongo, VA 23405. Dwelling – white frame 2-story on marsh. No contact. Observed a 4" septic pipe from under house buried with an undetermined destination. Property is located on the marsh and septic location was not apparent at survey. No evidence of effluent noted.

## **SECTION C: NONSEWAGE WASTE SITES**

### **INDUSTRIAL WASTES**

-None-

### **SOLID WASTE DUMPSITES**

-None-

## **SECTION D: BOATING ACTIVITY**

### **MARINAS**

-None-

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

2. Boxtree Dock, Machipongo 23405. Owner: The Nature Conservancy, 11332 Brownsville Road, Nassawadox 23413. Private dock and ramp. No contact. 8 moorings. Present at time of survey was 1 work boat under 26' and 2 recreational boats under 26'. The

only boating service provided is an in-out ramp. There were no sanitary facilities observed at time of inspection.

5. Webb Family Docks, Machipongo 23405. Private dock. No contact. There were 3 boats less than 26' present at time of survey. Dock dilapidated but boat accessible basin as tide allows. No boating services are provided at this location. There are no sanitary facilities or boat holding tank pump-out provided.

#### **UNDER SURVEILLANCE**

9. Public Boat Landing Red Bank Creek. Owner: Virginia Department of Game and Inland Fisheries, 4010 West Broad Street, 23230. Public boat ramp and dock. No contact. 10 moorings. There were no boats present at time of survey. The only boating service provided is an in-out ramp. There are no sanitary facilities, no dump station, or boat holding tank pump-out facilities at this location.

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

1. Location: 15225 Seaside Road, Machipongo, VA 23405. Dwelling – 2-story brick with black shutters with large white columns at front entrance. Owner: Ron Riggan. Present at time of survey were 11 goats, 4 horses, 1 pig, 1 pony, and an undetermined number of chickens concentrated in a barn and fenced in area.
4. Location: 9080 Webb Island Rd Machipongo, VA 23405. Dwelling – 2-story white asbestos shingle home. Contact: Groundskeeper. POC states that his mother-in-law resides there and the chicken coop in the backyard was heavily obstructed with vegetative overgrowth. Approximately 7-10 chickens counted at survey with additional numbers gathered under shelter.
6. Location: 12325 Seaside Road, Machipongo 23405. Dwelling – 2-story white farmhouse with black shutters. Owner: Karen Davis, Ph.D, United Poultry Concerns, Inc. Present at time of survey were approximately 200 assorted chickens in a wire enclosure around the front, side, and back of the property.
8. Location: 9442 Red Bank Court, Marionville, VA 23408. Dwelling – 2-story white vinyl w/ large green addition on west side of property. Contact: Yes. Owner stated that she raises 7 miniature horses observed at the time of survey approximately 1,000 yards from Red Bank Creek.
10. Location: 9157 Seaside Road, Marionville, VA 23408. Dwelling – 2-story white with white trim. No contact. Approximately 6-10 chickens roaming in the back of property. A barn and some outbuildings were found where the chickens were observed to be returning. No other animal pollution sources evident.

## SUMMARY

Growing Area # 095  
Eastville Station to Nassawadox  
4 December 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.

0 – CONTRIBUTES POLLUTION, DIRECT – None  
0 – CONTRIBUTES POLLUTION, INDIRECT – None  
0 – CP (Kitchen or Laundry Wastes), DIRECT – None  
1 – CP (Kitchen or Laundry Wastes), INDIRECT – # 7  
0 – NO FACILITIES, DIRECT – None  
0 – NO FACILITIES, INDIRECT – # 5  
1 – B.2. TOTAL

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

1 – POTENTIAL POLLUTION – # 3

### SECTION C: NON-SEWAGE WASTE SITES

#### 1. INDUSTRIAL WASTE SITES

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

#### 2. SOLID WASTE DUMPSITES

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

### SECTION D: BOATING ACTIVITY

0 – MARINAS – None  
2 – OTHER PLACES WHERE BOATS ARE MOORED – # 2, 5  
1 – UNDER SURVEILLANCE – # 9  
3 – D. TOTAL

### SECTION E: CONTRIBUTES ANIMAL POLLUTION

0 – DIRECT – None  
5 – INDIRECT – # 1, 4, 6, 8, 10  
5 – E. TOTAL



Virginia Department of Health  
Division of Shellfish Sanitation

Seaside:  
Eastville Station to Nassawadox  
# 095  
Shoreline Sanitary Survey

Northampton County

Date: 4 December 2013  
Survey By: D.P. Miller  
Number of Properties Surveyed: 197

0 1,000 2,000  
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

Geographic coordinates in NAD83 datum;  
shown in degrees, minutes & seconds.

