



**COMMONWEALTH of VIRGINIA
DEPARTMENT OF HEALTH
DIVISION OF SHELLFISH SANITATION**

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**THE GULF
Growing Area # 087
Northampton County
Shoreline Sanitary Survey**

Date: 29 October 2015
Survey Period: November 11, 2014 – October 9, 2015
Total Number of Properties Surveyed: 376
Surveyed By: D.P. Miller and R.F. Sloan

SECTION A: GENERAL

This survey extends from Reference Point 87 on State Route 630 (extended) to Reference Point 88 at Wescoat Point, including the Chesapeake Bay shoreline between these points. In addition, the area includes Gulf Creek and all of its tributaries.

The topography of the area is relatively low. Elevations rise from 5 feet along the Chesapeake Bay shoreline to a maximum of 35 feet along the eastern boundary of the watershed. The population is mostly sparse except for the moderate concentration around James Crossroads, the Town of Eastville, and the seasonal contribution at Smith Beach. The economy of the area is dependent mainly upon agriculture, seafood harvesting and the county government complex in The Town of Eastville.

Meteorological data indicated a total of 39.56” of rain fell for the survey period from November 7, 2014 through October 9, 2015. Monthly breakdown is as follows:

Nov. 7-30, 2014	2.59”	March	3.34”	July	6.11”
December	3.71”	April	4.77”	August	2.32”
January 2015	3.56”	May	1.86”	September	2.43”
February	2.45”	June	4.34”	October 1-9	2.08”

Copies of the current condemnation notices and maps are available via the internet at 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 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

Final #	Field #	Pollution Type	COMMENT	LAT	LONG	Address	Facility Type	Overall Site Remarks	Contact	Owner	Owner Address	Pollutant Remarks
4	D69	SEWAGE TREATMENT FACILITY, indirect	12/12/2014 10:19	37.353499	-75.952524	Eastville STP, 5207 The Hornes, Eastville, VA 23347	Wastewater Treatment Facility	Septage is pumped to two existing drainfields located in the large field adjacent to the WWTF using pump stations serving the Eastville Courthouse, Jail, and surrounding office buildings		Northampton County		WWTP utilizes a Sequential Batch Reactor using a zone irrigation system. Treatment facility has a capacity of 0.04-0.05 MGD, currently operating around 0.01 MGD.
2	D26	CONTRIBUTES POLLUTION, indirect	11/21/2014 11:19	37.365766	-75.943684	5296 Old Town Neck Road. Eastville, VA 23347						Septic tank does not have an approved lid. Tank is full and requires pump out services. Sanitary Notice issued 11/21/14.
1	D20	POTENTIAL POLLUTION	11/21/2014 10:55	37.365320	-75.941902	5354 Old Town Neck Drive Eastville, VA 23347		Drainfield repair application in progress. Environmental Health Services had completed soil work to determine location of new drainfield on-site.				No effluent or evidence of effluent found at the time of survey. Owner had indicated trouble with flushing toilets.
3	D49	POTENTIAL POLLUTION	12/5/2014 10:40	37.354128	-75.946281	16374 Courthouse Road Eastville, VA 23347		Small cottage behind residence located in a swale that was reported to hold rainwater that produced odor during times of heavy precipitation in the suspected drainfield area.				There was neither standing water, nor an odor at the time of the survey.
5	D124	POTENTIAL POLLUTION	9/11/2015 11:16	37.364088	-75.988961	16011 Smith Beach Road Eastville, VA 23347	Dwelling	1 story bungalow with light tan vinyl siding and white trim.				Concerned citizen suspected septic failure, indicating a strong odor could be detected at certain times. No evidence of failing septic or odor found at the time of survey.

SECTION C: NONSEWAGE WASTE SITES

Final #	Field #	Pollution Type	COMMENT	LAT	LONG	Address	Facility Type	Overall Site Remarks	Contact	Owner	Owner Address	Pollutant Remarks
7	D147	INDUSTRIAL WASTES, direct	9/11/2015 12:01	37.368036	-75.984884	15568 Smith Beach Road, Eastville, VA 23347	Business	Bagwell Enterprises; Shellstock Shipping facility (VA918-SS); 7+ employees.	Y	THS Family Limited Partnership	PO Box 508, Eastville, VA 23347	Washdown wastes and floor drains discharge into Gulf Creek. Has a letter from the Department of Environmental Quality for discharge.

SECTION E: CONTRIBUTES ANIMAL POLLUTION

Final #	Field #	Pollution Type	COMMENT	LAT	LONG	Address	Facility Type	Overall Site Remarks	Contact	Owner	Owner Address	Pollutant Remarks
6	D136	CONTRIBUTES ANIMAL POLLUTION, indirect	9/11/2015 10:19	37.367056	-75.985808	15545 Smith Beach Road, Eastville, VA 23347	Dwelling	Beige camper with grey skirting.	N			Chicken coop constructed in back yard containing 7+ chickens.
8	B19	CONTRIBUTES ANIMAL POLLUTION, indirect	8/28/2015 12:00	37.351632	-75.992298	2901 Savage Neck Road, Eastville, VA 23347	Dwelling	1 story beige residence.	N			Present at the time of survey were 6 horses in a fenced pasture. Animal waste disposal unknown.
9	B155	CONTRIBUTES ANIMAL POLLUTION, indirect	10/9/2015 11:04	37.351216	-75.941572	5350 Willow Oak Road, Eastville, VA 23347	Dwelling	White with wood siding and black shutters.	Y			Present at the time of survey were 7 horses in a fenced pasture. Manure and waste composted and spread in flower gardens.

SUMMARY

Growing Area # 087
The Gulf
29 October 2015

SECTION B: SEWAGE POLLUTION SOURCES

1. SEWAGE TREATMENT FACILITIES

- 0 – DIRECT – None
- 1 – INDIRECT – # 4
- 1 – 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 – # 2
- 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 – # 7
- 1 – B.2. TOTAL

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

- 3 – POTENTIAL POLLUTION – # 1, 3, 5

SECTION C: NON-SEWAGE WASTE SITES

1. INDUSTRIAL WASTE SITES

- 1 – DIRECT - #7
- 0 – INDIRECT – None
- 1 – C.1. TOTAL

2. SOLID WASTE DUMPSITES

- 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

- 0 – DIRECT – None
- 3 – INDIRECT – # 6, 8, 9
- 3 – E. TOTAL



Legend

Seawater Sampling Stations

- Active
- Inactive

Shoreline Survey Deficiencies

- Sewered areas
- DIGIF Boat Ramps
- 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

Virginia Department of Health
Division of Shellfish Sanitation

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087
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Northampton County

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 Yards

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



75°58'30"W 37°22'30"N 75°57'0"W 37°21'0"N 76°0'0"W 37°20'0"N 76°0'0"W 37°19'30"N 76°1'30"W 37°19'0"N 76°1'30"W 76°1'30"W 37°19'0"N 76°0'0"W 37°18'30"N 75°58'30"W 37°18'0"N