

COMMONWEALTH of VIRGINIA DEPARTMENT OF HEALTH DIVISION OF SHELLFISH SANITATION

Marissa J. Levine, MD, MPH, FAAFP State Health Commissioner 109 Governor Street, 6th Floor P.O. Box 2448 Richmond, Virginia 23218

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

LITTLE WICOMICO RIVER
Growing Area # 010
Northumberland County
Shoreline Sanitary Survey

Date: 28 August 2017

Survey Period: April 27, 2017 – July 18, 2017 **Total Number of Properties Surveyed:** 212

Surveyed By: R.M. Thomas, W.A. McCarty III, W.I. Barrack III

SECTION A: GENERAL

This survey area extends from Reference Point 10 off Lighthouse View Road (extended to the Potomac River) to Reference Point 11 off State Route 652 (extended to the Chesapeake Bay), including the Potomac River and Chesapeake Bay shorelines between these two points, Little Wicomico River (Ellyson Creek, Bridgemans Back Creek, Spences Creek, Spring Cove, Sawmill Cove, Hansons Cove, Willis Creek, Sloop Creek, Cod Creek, Back Creek, Bridge Creek, Horse Pond, Sharps Creek, Slough Creek, Rock Hole), and all of their tributaries. The survey boundary, drawn by the Division of Shellfish Sanitation, has been revised. See map for current boundary.

The topography of the area varies from 5' or less along the shoreline to a maximum of 100'± near the western edge of the survey boundary. The economy in Northumberland County is primarily comprised of manufacturing, government, agriculture, fisheries and construction as the major employers. According to a 2016 Census Bureau study, the population of the county was estimated at 12,330 with a population density of 65 people per square mile.

Meteorological data indicated that the area received a total rainfall of 10.36" during the survey period. A monthly breakdown is as follows:

April 27-30 0.03"

May 5.12"

June 2.76"

July 1-18 2.45"

Investigations were conducted by water in addition to the regularly scheduled random seawater sampling to identify and take samples at storm water outfall locations; to determine the location of straight pipes not observable by land; and to collect water samples at a closer proximity to the shoreline, closer together and farther upstream than regular seawater sampling. The additional water sampling was to identify areas that had unusually high fecal coliform counts to be further investigated from the shore.

Information about Northumberland County can be found on the county's website at: www.co.northumberland.va.us. The Northumberland County Board of Supervisors, in accordance with section 54-16(B)5 (Chesapeake Bay Preservation Area Ordinance), has



initiated a program requiring that all on-site sewage disposal systems (septic systems) be pumped out at least once every five (5) years. As alternatives to this pump-out requirement, septic system owners may elect to have an effluent filter installed in the outflow pipe from the septic tank and submit documentation every five (5) years from a licensed sewage handler explaining that the system has been inspected, is functioning properly, and does not need to be pumped out.

In implementing this program, efforts have been made to only notify the owners of property believed to contain an on-site sewage disposal system (septic system). Once initially contacted, septic system owners will be re-notified on a recurring basis (once every five (5) years) regarding their need to comply with this program.

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

This report lists only those properties that have a sanitary deficiency or may have other environmental significance and can be located online at the above link. "*DIRECT*" indicates that the significant activity or deficiency may have a direct impact on shellfish waters. Data in the report are also made available to local health departments and other agencies to address items that may be of concern with their regulatory programs.

Enterococcus near shore sampling was conducted from May 30 – June 30, 2017 and assisted in this survey. Near shore entero sampling results are documented on two maps at the conclusion of this survey.

GA #	Field #	Inspection Date	Deficiency or Pollution Type	Latitude	Longitude	Address	Pollutant Remarks	Septic System Type	Structure Type	Contact	Overall Site Remarks	Locality	DSS Staff	Date of Correction	Correction Notes

4 10 W9 8/9/20	INDUSTRIAL 2017 WASTES,	27.004004			Commercial shellfish processing plant (VA-										Aboards	
	direct	37.894091	-76.298956	Drive, Burgess, VA 22437	309SP). Wash down and blower tank wastes discharge into the Little Wicomico River. Hand basins discharge into septic system. Has VAG Permit # VAG524034.	Privy	Business	Υ	Purcell Seafood	Northumberland	NA	0	0	0		WB
172 10 W15 8/22/2	INDUSTRIAL WASTES, direct	37.896562	-76.305296	723 Sherwood Drive, Heathsville, VA 22473	Crustacean processing plant (VA-70C). Processing and wash down wastes from crabmeat picking and packing rooms, refrigeration rooms, and wastes from cookers discharge into river. VAG524018 from DEQ.	Conv	Business	N	Little River Seafood	Northumberland	NA	0	0	0	NA	WB

SECTION D: BOATING ACTIVITY

	GA #	Field #	Inspection Date	Deficiency or Pollution Type	Latitude	Longitude	Address	Pollutant Remarks	Septic System Type	Structure Type	Contact	Overall Site Remarks	Locality	Boating Activity Type	Number of Wet Slips	NUM BOATS <26'	NUM BOATS >26'	Evidence of Live- Aboards	DSS Staff
13	10	W1	7/31/2017	BOATING ACTIVITY	37.883750	-76.250966	End of State Route 651, Reedville, VA 22539	Boat docking facility. Boating services provided are water, electricity, repair, fuel and in-out ramp.	Conv	Marine	Υ	Smith Point Marina	Northumberland	Marina	98	0	14	N	WB
8	10	W2	7/31/2017	BOATING ACTIVITY	37.882597	-76.258053	End of State Route 650, Reedville, VA 22539	Boat docking facility and campground. Boating services provided are water, electricity, and in-out ramp. Containers are provided for solid waste collection.	Conv	Marine	Y	Chesapeake Bay Camp Resort	Northumberland	Marina	20	2	3	N	WB
9	10	W3	7/31/2017	BOATING ACTIVITY	37.883425	-76.254286	150 East, Reedville, VA 22539	Boat docking facility and campground. Boating services provided are water and electricity. Containers are provided for solid waste collection.	Conv	Marine	Υ	Gaps Marina	Northumberland	Marina	26	8	14	N	WB
3	10	W10	8/22/2017	BOATING ACTIVITY	37.899185	-76.303009	309 Railway Drive, Heathsville, VA 22473	Commercial Marina. Boating services provided were fuel, water, electricity, repair, and in-out ramp. Containers were provided for solid waste collection. Boat holding tank pump out facilities provided	Conv	Marine	Y	Cockrell's Marine Railway	Northumberland	Marina	70	4	16	N	WB
2	10	W11	8/22/2017	BOATING ACTIVITY	37.892425	-76.293654	375 Flood Point Farm Drive, Heathsville, VA 22473	Boating services provided were water and electricity. Containers were available for solid waste collection. Owner has an exemption to the requirement to provide boat holding tank pump out facilities.	Conv	Marine	N	J.D. Krentz Marina	Northumberland	Marina	41	7	9	N	WB
1	10	W12	8/22/2017	BOATING ACTIVITY	37.901623	-76.275117	Ellyson Way, Heathsville, VA 22473	Fish Processing Facility. The only boating service provided was fuel. Owner has an exemption to the requirement to provide boat holding tank pump out facilities.	Conv	Business	N	Gaskins Seafood	Northumberland	Marina	10	2	4	N	WB
0	10	W13	8/22/2017	BOATING ACTIVITY	37.902924	-76.275855	140 Fish Dock Road, Heathsville, VA 22473	Private boat docking facility for fish handling business. Boating services provided were fuel, water and electricity. Containers were available for solid waste collection.	Conv	Marine	Υ	F.T. Jett Seafood	Northumberland	Marina	6	2	1	N	WB
10	10	W4	8/15/2017	BOATING ACTIVITY	37.876856	-76.267550	End of State Route 1321, Reedville, VA 22539	Homeowners association and boat docking facility. The only boating service provided is an inout ramp. Owners have an exemption to the requirement to provide sanitary facilities at this location.	NA	Marine	N	Bridge Creek Estates	Northumberland	OPWBAM	8	0	0	N	WB
11	10	W5	8/8/2017	BOATING ACTIVITY	37.875252	-76.272581	613 Harbor Drive, Reedville, VA 22539	Homeowners association and boat launching/retrieving facility. The only boating service provided is an in-out ramp.	NA	Marine	N	Bay Harbor Estates	Northumberland	OPWBAM	2	0	0	N	WB
12	10	W6	8/8/2017	BOATING ACTIVITY	37.888480	-76.286878	End of State Route 1306, Reedville, VA 22539	Homeowners association and boat docking facility. Boating services provided are water, electricity and in-out ramp. Owner has an exemption to the requirement to provide boat holding tank pump-out.	Conv	Marine	Y	Sherwood Forest Shores Association	Northumberland	OPWBAM	33	3	1	N	WB
5	10	W8	8/8/2017	BOATING ACTIVITY	37.893695	-76.298931	62 Shipping Point Drive, Burgess, VA 22437	Commercial fish dock. Boating services provided were water and electricity. There is no sewage disposal system in place.	Privy	Business	Υ	Lewis Seafood	Northumberland	OPWBAM	6	2	0	N	WB
4	10	W16	8/9/2017	BOATING ACTIVITY	37.894091	-76.298956	88 Shipping Point Drive, Burgess, VA 22437	Commercial seafood processing plant. The only boating service provided is electricity. Containers were provided for solid waste collection.	Privy	Business	Υ	Purcell Seafood	Northumberland	OPWBAM	5	2	3	N	WB
6	10	W7	8/8/2017	BOATING ACTIVITY	37.889576	-76.299394	End of Skys Limit Court, Burgess, VA 22432	Boating services provided include an in-out ramp. There is no sewage disposal system in place.	NA	Marine	N	Greenfield Point Boat Ramp	Northumberland	Under Surveillance	1	0	0	N	WB
7	10	W14	8/22/2017	BOATING ACTIVITY	37.893670	-76.258222	End of Twin Cove Lane, Heathsville, VA 22473	The only boating service provided was an in-out ramp. There is no sewage disposal system in place.	NA	Marine	N	Jetty Reach	Northumberland	Under Surveillance	2	0	0	N	WB
7				ACTIVITY BOATING			22432 End of Twin Cove Lane, Heathsville, VA	There is no sewage disposal system in place. The only boating service provided was an in-out ramp. There is no sewage disposal system in				Ramp		Surveillance Under					

SECTION E: CONTRIBUTES ANIMAL POLLUTION

GA #	Field #	Inspection Date	Deficiency or Pollution Type	Latitude	Longitude	Address	Pollutant Remarks	Septic System Type	Structure Type	Contact	Overall Site Remarks	Locality	DSS Staff

SUMMARY

Growing Area # 010 Little Wicomico River 28 August 2017

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 the 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
 - 2 DIRECT # W9, W15
 - 0 INDIRECT None
 - 2 C.1. TOTAL
- 2. SOLID WASTE SITES
 - 0 DIRECT None
 - 0 INDIRECT None
 - 0 C.2. TOTAL

SECTION D: BOATING ACTIVITY

- 7- MARINAS # W1, W2, W3, W10, W11, W12, W13
- 5- OTHER PLACES WHERE BOATS ARE MOORED # W4, W5, W6, W8, W16
- 2- UNDER SURVEILLANCE # W7, W14
- 14- D. TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION

- 0 DIRECT None
- 0 INDIRECT None
- 0 E. TOTAL

SECTION F: STORMWATER OUTFALLS

- 0 DIRECT None
- 0 INDIRECT None A
- 0 E. TOTAL





