



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

CHESCONESSEX CREEK
Growing Area # 079
Accomack County
Shoreline Sanitary Survey

Date: 1 May 2017

Survey Period: October 21, 2016 – April 14, 2017

Total Number of Properties Surveyed: 268

Surveyed By: B.T. Charnock & R.C. Snead

SECTION A: GENERAL

This survey area extends from Reference Point 79 at the most westerly point of Beach Island to Reference Point 80 at Ware Point, including the Chesapeake Bay shoreline between these two points, Pompcro Creek, Chesconessex Creek, Back Creek, and all of their tributaries.

The area is characterized by extensive marshlands along the western portion with elevations of less than 5' and rising to a maximum of 15' at the outer reaches of the headwaters. The area is sparsely populated with light concentrations in the communities of Crystal Beach Colony, Chesconessex and South Chesconessex. The economy is based mainly upon agriculture and the seafood industry.

Meteorological data indicated that the area received a total rainfall of 14.89" for the survey period. A monthly breakdown is as follows:

October 21-31	0.37"	January 2017	4.69"	April 1-14	0.82"
November	1.22"	February	1.54"		
December	2.64"	March	3.61"		

Copies of Bacteriological, Hydrographic and Shellfish Closure data are available at the area office for review. The current restriction on shellfish harvesting is Condemned Shellfish Area # 079-112, Chesconessex Creek, last revised July 8, 2015. Copies of the current condemnation notices and maps are available via the internet at www.vdh.virginia.gov/shellfish.

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 which 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

	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	Date of Correction	Correction Notes
1	79	R73	3/17/2017	CONTRIBUTES POLLUTION, direct	37.74453505	-75.78087013	17165 Crystal Beach Road, Onancock, VA 23417	Drain pipe from residence directly into ditch which is approximately tidal tributary.	NA	Dwelling	N	Elevated residence with front yard full of cars. Ditch referenced with deficiency is on the left most side of property when facing the house from the road.	Accomack	NA	0	0	0	NA	RS		
2	79	T135	1/27/2017	CONTRIBUTES POLLUTION, direct	37.74971549	-75.76875017	21309 Pruitt Lane, Onancock, VA 23417	Appears to be a collapsed or malfunctioning drain field to the left side of the house. The yard is sunken in, very wet, and greener than other places in the yard. No odor is detected.	Conv	Dwelling	Y	To right of the house it appears there is a failing drain field. Yard is sunken in, wet, and very green. One story white ranch house with brick chimney.	Accomack	NA	0	0	0	NA	TC		
3	79	T169	4/24/2017	CONTRIBUTES POLLUTION, direct	37.78289454	-75.80415165	Chesconnessex Creek, Onancock, VA 23417	Toilet facility goes directly into marsh from a two foot diameter culvert pipe.	Privy	Dwelling	N	Cabin with two foot diameter pipe feeding into ground from privy.	Accomack	NA	1	0	0	NA	TC		
4	79	T170	4/24/2017	CONTRIBUTES POLLUTION, direct	37.78667526	-75.81416453	Chesconnessex Creek, Onancock, VA 23417	Exposed privy level to ground in small shed beside the cabin.	Privy	Dwelling	N	House on Beach with shed beside house.	Accomack	NA	0	0	0	NA	TC		
5	79	T171	4/24/2017	CONTRIBUTES POLLUTION, direct	37.76819135	-75.79211142	Chesconnessex Creek, Onancock, VA 23417	Facility draining directly to water.	NA	Dwelling	N	Cabin suspended over water.	Accomack	NA	1	0	0	NA	TC		
6	79	R21	2/3/2017	CONTRIBUTES POLLUTION, indirect	37.73570647	-75.76142812	18371 Plantation Road, Onancock, VA 23417	Effluent pooling above septic system.	Conv	Dwelling	Y	One story doublewide with deck on side of house.	Accomack	NA	0	0	0	NA	RS		
7	79	R22	2/3/2017	CONTRIBUTES POLLUTION, indirect	37.73581111	-75.76146984	18373 Plantation Road, Onancock, VA 23417	Effluent pooling above septic system. Shares septic system with 18371.	Conv	Dwelling	N	Trailer sharing septic system with doublewide in front. Septic system is in between the two structures.	Accomack	NA	0	0	0	NA	RS		
8	79	R41	2/17/2017	CONTRIBUTES POLLUTION, indirect	37.74740815	-75.77352025	21395 Southside Road, Onancock, VA 23417	Hole in septic lid with noticeable septic odor.	Conv	Dwelling	Y	Two story house with septic inside fenced in back yard.	Accomack	NA	0	0	0	NA	RS		
9	79	R47	2/17/2017	CONTRIBUTES POLLUTION, indirect	37.74777299	-75.77302501	21365 Southside Road, Onancock, VA 23417	Drain from hand sink in aluminum shed flows onto plastic channel onto open ground.	NA	Dwelling	N	Two story house with large garage to the right side of the property. Deficiency is coming from the back of the garage.	Accomack	NA	0	0	0	NA	RS		
10	79	R72	3/17/2017	CONTRIBUTES POLLUTION, indirect	37.74452973	-75.78025351	17179 Crystal Beach Road, Onancock, VA 23417	Malfunctioning drain field.	Conv	Dwelling	N	Raised trailer.	Accomack	NA	0	0	0	NA	RS		
13	79	T71	12/9/2016	CONTRIBUTES POLLUTION, indirect	37.76280449	-75.76868861	20335 Pintail Lane, Onancock, VA 23417	Broken septic clean out pipe.	Conv	Dwelling	N	Tan house with attached two car garage.	Accomack	NA	0	0	0	NA	TC		
11	79	T123	1/5/2017	CONTRIBUTES POLLUTION, indirect	37.75200058	-75.76828658	17473 Northside Road, Onancock, VA 23417	Septic tank covered by sheet of plywood.	Conv	Dwelling	N	Tan two story house.	Accomack	NA	0	0	0	NA	TC		
12	79	T139	1/12/2017	CONTRIBUTES POLLUTION, indirect	37.75123144	-75.76850981	17456 Northside Road, Onancock, VA 23417	Occupant said septic tank was giving off a noticeable odor, so she dumped sand and rocks over it to cover it. No picture was taken due to unchained, aggressive dog.	Conv	Dwelling	Y	Septic tank in back yard.	Accomack	NA	0	0	0	NA	TC		
14	79	T154	1/12/2017	CONTRIBUTES POLLUTION (kitchen or laundry wastes), direct	37.74419346	-75.76381380	18192 Robbins Lane, Onancock, VA 23417	Kitchen sink waste draining directly into the Creek.	NA	Marine	N	Cabin at end of dock.	Accomack	NA	0	0	0	NA	TC		

SECTION B: SEWAGE POLLUTION SOURCES

[illegible]

SECTION C: NONSEWAGE WASTE SITES

[illegible]

SECTION D: BOATING ACTIVITY

[illegible]

SECTION F: CONTRIBUTES ANIMAL POLLUTION

[illegible]

SUMMARY

Growing Area # 079
Chesconessex Creek
May 1, 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 deficiencies in this section is the responsibility of the local health department.

5 – CONTRIBUTES POLLUTION, DIRECT – # R73, T135, T169, T170, T171
8 – CONTRIBUTES POLLUTION, INDIRECT – # R21, R22, R41, R47, R72, T71, T123,

T139

1 – CP (Kitchen or Laundry Wastes), DIRECT – # T154
2 – CP (Kitchen or Laundry Wastes), INDIRECT – # T114, T123
1 – NO FACILITIES, DIRECT – # T172
0 – NO FACILITIES, INDIRECT – None
17 – 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 DUMPSITES

1 – DIRECT – # R86
1 – INDIRECT – # T145
2 – C.2. TOTAL

SECTION D: BOATING ACTIVITY

1 – MARINAS – # T97
3 – OTHER PLACES WHERE BOATS ARE MOORED – # R48, R76, T131
0 – UNDER SURVEILLANCE – None
4 – D. TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION

3 – DIRECT – # R7, R33, T155
3 – INDIRECT – # R70, T117, T167
6 – E. TOTAL

Virginia Department of Health
Division of Shellfish Sanitation

Chesconessex Creek
079
Shoreline Sanitary Survey

Accomack County

Date: 1 May 2017
Survey By: B.T. Charnock, R.C. Snead
Number of Properties Surveyed: 268



0 3000 6000
Feet

Legend

Seawater Sampling Stations

- Active (blue star)
- Inactive (yellow star)

Shoreline Survey Deficiencies

- Sewage Treatment Facility - Direct (red star)
- Sewage Treatment Facility - Indirect (red star)
- Contributes Pollution - Direct (red square)
- Contributes Pollution - Indirect (red square)
- Contributes Pollution (kitchen or Laundry wastes) - Direct (red triangle)
- Contributes Pollution (kitchen or Laundry wastes) - Indirect (red triangle)
- No Facilities - Direct (red circle)
- No Facilities - Indirect (red circle)
- Potential Pollution (red circle)
- Industrial Wastes, Direct (red circle)
- Industrial Wastes, Indirect (red circle)
- Solid Waste Dumpsite - Direct (red circle)
- Solid Waste Dumpsite - Indirect (red circle)
- Boating Activity (red circle)
- Contributes Animal Pollution - Direct (red circle)
- Contributes Animal Pollution - Indirect (red circle)

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