



COMMONWEALTH of VIRGINIA

Department of Health
DIVISION OF SHELLFISH SANITATION
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CHESCONESSEX CREEK Growing Area # 079 Accomack County Shoreline Sanitary Survey

Date: 17 January 2007

Survey Period: June 23 - December 18, 2006

Total Number of Properties Surveyed: 315

Surveyed By: R.S. Bisker

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, Pompcoc 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 40.17" for the survey period. A monthly breakdown is as follows:

June 23-30	4.74"	August	3.48"	November	4.97"
July	5.18"	September	13.91"	December 1-18	0.65"
		October	7.24"		

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, revised 26 June 2006. Copies of the current condemnation notices and maps are available via the internet at <http://www.vdh.virginia.gov/oehs/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

SEWAGE TREATMENT FACILITIES

-None-

ON-SITE SEWAGE DEFICIENCIES

1. NO FACILITIES – Location: 20162 Deep Creek Road, Onancock 23417. Dwelling - white frame 2 story and two white camper trailers. No contact. Sanitary Notice issued 6-23-06 to field # B20.
3. CONTRIBUTES POLLUTION – Location: 18114 Northside Road, Onancock 23417. Dwelling - light green vinyl siding 2-story. No contact. Septic tank has improper wooden lid. Sanitary Notice issued 8-25-06 to field # B106.
4. CONTRIBUTES POLLUTION – Location: 18013 Northside Road, Onancock 23417. Dwelling - blue vinyl siding 2-story. No contact. Sewage effluent erupting from septic tank onto ground surface. Sanitary Notice issued 8-25-06 to field # B107.
7. NO FACILITIES – Location: 22470 Chestnut Stump Road, Onancock 23417. Dwelling - brown & white frame 1 story. 3 persons. Old pit privy unusable. Sanitary Notice issued 9-22-06 to field # B161.
14. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 22034 Southside Road, Onancock 23417. Dwelling - yellow asbestos siding 1 story. No contact. Kitchen or laundry wastes drain onto ground surface from pipe. Sanitary Notice issued 10-20-06 to field # B254.
18. NO FACILITIES, **DIRECT** – Location: Chesconessex Creek south of North Chesconessex village. Business- red frame 1 story soft crab shed on pilings. No contact. Sanitary Notice issued 12-18-06 to field # B310.
19. NO FACILITIES, **DIRECT** – Location: Chesconessex Creek south of North Chesconessex village. Business- white frame 1 story soft crab shed on pilings. No contact. Sanitary Notice issued 12-18-06 to field # B311.
20. CONTRIBUTES POLLUTION – Location: Beach Island at mouth of Chesconessex Creek. Dwelling - green & gray frame 1 story hunt cabin. No contact. Broken sewage drain from toilet allowing effluent onto ground surface. Sanitary Notice issued 12-18-06 to field # B315.

POTENTIAL POLLUTION

12. Location: 21458 Southside Road, Onancock 23417. Dwelling - cream asbestos siding 1 story. 3 persons. Occupant stated that the sewage system was slow to drain during wet weather. No evidence of system failure at time of survey.
13. Location: 22023 Southside Road, Onancock 23417. Dwelling - white aluminum siding 1 story. 1 person. Occupant stated that the sewage system was slow to drain during wet weather. No evidence of system failure at time of survey.

SECTION C: NONSEWAGE WASTE SITES

INDUSTRIAL WASTES

15. Williams Used Cars, 17193 Crystal Beach Road, Onancock 23417. Business - white vinyl siding 1 story shop. No contact. Auto junk yard.

SOLID WASTE DUMPSITES

-None-

SECTION D: BOATING ACTIVITY

MARINAS

-None-

OTHER PLACES WHERE BOATS ARE MOORED

5. North Chesconessex Dock, end of Northside Road, Onancock 23417. Owner: Accomack County Public Works Department, 24420 Lankford Highway, Tasley 23441. Public pier. No contact. Present at time of survey were 2 work and 2 pleasure boats under 26' and 1 work boat greater than 26'. There is a public notice sign for no long term mooring posted. Solid waste containers were present. There were no boating services, sanitary facilities, boat holding tank pump-out facilities or dump station facilities provided at this location.
11. South Chesconessex Dock, end of Southside Road, Onancock 23417. Owner: Accomack County Public Works Department, 24420 Lankford Highway, Tasley 23441. Public boat ramp and pier. No contact. Present at time of survey were 2 work boats under 26'. There is a public notice sign for no long term mooring posted. Solid waste containers were present. The only boating service provided is an in-out ramp. There are no sanitary facilities, boat holding tank pump-out facilities or dump station facilities provided at this location.

UNDER SURVEILLANCE

2. Schooner Bay Association ramp. End of Bluebill Lane, Onancock 23417. Owner: Schooner Bay Association, PO Box 67, Onancock 23417. Private community ramp and loading pier. No contact. No boats were present at time of survey. The only boating service provided is an in-out ramp. Containers are available for solid waste collection. There are no sanitary facilities, boat holding tank pump-out facilities or dump station facilities provided at this location.

16. Wise Point Subdivision, end of Wise Point Lane, Onancock 23417. Owner: Terry Malarkey, PO Box 139, Onancock 23417. Private community pier. No contact. 10 moorings. There were 3 pleasure boats under 26' present at time of survey. Has an exemption from the requirements to provide on-shore sanitary facilities, boat holding tank pump-out facilities and dump station facilities at this location.

SECTION E: CONTRIBUTES ANIMAL POLLUTION

6. ***DIRECT*** – Location: 18192 Robins Road, Onancock 23417. Dwelling - tan frame 2 story. No contact. Present at time of survey were 6 cattle and 50 geese in pasture with access to ditch draining to Chesconessex Creek.
8. Location: 19161 Plantation Road, Onancock 23417. Dwelling - white vinyl siding 2-story. No contact. Present at time of survey were 4 poultry houses containing approximately 50,000 chickens.
9. Location: 19059 Plantation Road, Onancock 23417. Dwelling - almond vinyl siding & red brick 2 story. 2 persons. Present at time of survey were 5 emus, 45 geese, 35 ducks, & 8 guineas in pens located 100' from creek.
10. Location: 18481 Plantation Road, Onancock 23417. Dwelling - white vinyl 1½ story. 2 persons. Present at time of survey were 2 goats & 30 chickens in pens 10' from ditch.
17. Location: Gray Drive, Onancock 23417. Agricultural- gray-blue metal horse barn and training arena. 2 persons. Present at time of survey were 4 horses in pasture.

SUMMARY

Area # 079
Chesconessex Creek
17 January 2007

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
- 3 – CONTRIBUTES POLLUTION, INDIRECT – # 3, 4, 20
- 0 – CP (Kitchen or Laundry Wastes), DIRECT – None
- 1 – CP (Kitchen or Laundry Wastes), INDIRECT – # 14
- 2 – NO FACILITIES, DIRECT – # 18, 19
- 2 – NO FACILITIES, INDIRECT – # 1, 7
- 8 – B.2. TOTAL

3. POTENTIAL POLLUTION

Periodic surveillance of these properties will be maintained to determine any status change.

- 2 – POTENTIAL POLLUTION – # 12, 13

SECTION C: NON-SEWAGE WASTE SITES

1. INDUSTRIAL WASTE SITES

- 0 – DIRECT – None
- 1 – INDIRECT – # 15
- 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
- 2 – OTHER PLACES WHERE BOATS ARE MOORED – # 5, 11
- 2 – UNDER SURVEILLANCE – # 2, 16
- 4 – D. TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION

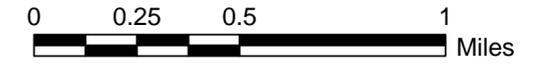
- 1 – DIRECT – # 6
- 4 – INDIRECT – # 8, 9, 10, 17
- 5 – E. TOTAL

Virginia Department of Health
Division of Shellfish Sanitation

Chesconessex Creek
079
Shoreline Sanitary Survey

Accomack County

Date: 17 January 2007
Survey By: R.S. Bisker
Number of Properties Surveyed: 315



Legend

Seawater Sampling Stations

- Active (yellow star)
- Inactive (black star)
- Sewered areas (hatched pattern)
- DGIF Boat Ramps (blue circle)

Shoreline Survey Deficiencies

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

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

