



COMMONWEALTH of VIRGINIA

Department of Health
DIVISION OF SHELLFISH SANITATION
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NOMINI AND CURRIOMAN BAYS Growing Area # 004 Westmoreland County Shoreline Sanitary Survey

Date: 20 September 2012
Survey Period: May 30 – August 28, 2012
Total Number of Properties Surveyed: 884
Surveyed By: D.R. Beuchelt

SECTION A: GENERAL

This survey area extends from Reference Point 4 beginning on North Independence Drive (Route 1601) and ending at Reference Point 5 at Kingcopsico Point, including the Potomac River shoreline and the tributaries of Nomini and Currioman Bays within a boundary line set by the Division of Shellfish Sanitation. The topography of the area begins with an elevation of 5' at the shoreline of White Point and 10' at Currioman Landing reaching to a maximum of 100-150' inland along the first order streams.

According to the 2010 U.S. Census, Westmoreland County showed a 4.4% increase in population for the 2010 census with a count of 17,454. Farms, forests, and waters remain as top priority and provide income for many families in the area. Wetlands account for approximately 6300 acres of Westmoreland County. The wetlands help provide flood and erosion control as well as maintain water quality and provide homes to marine and inland wildlife. Westmoreland County authorities work with other agencies to maintain and protect the farms, forests and waters.

Since the last survey the area has experienced severe weather from hurricanes and tropical storms, the most recent being Tropical Storm Lee which hit in September 2011, following August 2011 Hurricane Irene. Lee dropped 20 inches of rain on the area in a 24-hour period. Major flooding and power outages resulted from the storm.

Meteorological data indicated that 6.10" of rain fell during the survey period. A monthly breakdown is as follows:

May 30-31, 2012	0.58"	June	1.62"	July	1.38"	August 1-28	2.52"
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The Commonwealth of Virginia, under Code Section 9VAC 10-20-120.7, specifies that on-site sewage treatment systems not requiring a Virginia Pollutant Discharge Elimination System (VPDES) permit shall:

a. Have pump-out accomplished for all systems at least once every five years.

(1) If deemed appropriate by local health department and subject to conditions the local health department may set; local governments may offer to the owners of such system, as an alternative to the mandatory pump-out, the option of having a plastic filter installed and maintained in the outflow pipe from the septic tank to filter solid material from the effluent while sustaining adequate flow to the drainfield to permit normal use of the septic system. Such a filter should satisfy standards established in the Sewage Handling and Disposal regulations (12VAC5-610) administered by the Virginia Department of Health.

(2) Furthermore, in lieu of requiring proof of septic tank pump-out every five years, local governments may allow owners of on-site sewage treatment systems to submit documentation every five years, certified by a sewage handler permitted by the Virginia Department of Health, that the septic system has been inspected, is functioning properly, and the tank does not need to have the effluent pumped out of it.

Although there is no sewer treatment works located in this area at the time of this survey, there is a proposal to run a sewer main along Mt Holly Road to serve the Glebe Harbor subdivision. Information on this subject as well as other updates can be found by contacting county officials via the website at: www.westmoreland-county.org.

Found during the survey were 0 STF facilities, 6 on-site deficiencies, 5 properties marked as potential deficiencies, 4 industrial sites, 3 solid waste sites, 8 boating activity sites and 4 sites marked as animal pollution.

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

The report lists only those properties that have a sanitary deficiency or may have other environmental significance. **DIRECT** indicates that the significant activity or deficiency may have 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 survey area. Data in the report is also made available to local health departments and other agencies to address items that may be out of compliance with their regulatory programs.

SECTION B: SEWAGE POLLUTION SOURCES

SEWAGE TREATMENT FACILITIES

-None-

ON-SITE DEFICIENCIES

1. CONTRIBUTES POLLUTION – Location: 499 American Drive, Montross 22520. Dwelling - 1 story, beige with green shutters and reddish-brown shingles. No Contact. Cap on the clean-out port is broken and taped. Sanitary Notice issued on 6/18/2012 to Field # 81. Tax Map # 23E 64.

9. **DIRECT** – NO FACILITIES – Location: Adjacent to 45 Neptune Lane, Montross 22520. No Contact. Slips, dock, ramp and dry storage for a boat club. Restroom facilities unknown. Sanitary Notice issued on 7/13/2012 to Field # 389. Tax Map # 36B - A.
13. CONTRIBUTES POLLUTION – Location: 2336 Cople Highway, Montross 22520. Dwelling - 1 story, light gray with light gray shingles and red shutters. No Contact. Improper lid on septic tank leaving contents exposed. Sanitary Notice issued on 7/20/2012 to Field # 465. Tax Map # 35 116D.
21. **DIRECT** – CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 661 Gull Harbor Drive, Montross 22520. Dwelling – 1 ½ stories, metal-gray boathouse. No Contact. Visible was a sink, with hand soap available, equipped with a corrugated pipe that discharges through the dock. Sanitary Notice issued on 8/9/2012 to Field # 664. Tax Map # 36 113.
25. CONTRIBUTES POLLUTION – Location: 880 Beales Wharf Road, Mt. Holly 22524. Dwelling - 2 ½ stories, cream-colored with metal roof. No Contact. Privy vault is left uncovered. Contents are filled to the riser. Sanitary Notice issued on 8/14/2102 to Field # 720. Tax Map # 36 2.
26. CONTRIBUTES POLLUTION – Location: 90 Rockfish Lane, Montross 22520. Dwelling - 1 story, light brown with brown shingles. No Contact. Lid on septic clean-out port is cracked. Sanitary Notice issued on 8/21/2012 to Field # 791. Tax Map # 24A1 4 1 37.

POTENTIAL POLLUTION

10. Location: Corner of Nomini Hills Road and Neptune Lane. Dwelling – older mobile home, white with black trim. No contact. A connection to a septic system could not be found. According to Westmoreland county records, there is no system on this lot; however there is a septic system on the adjacent lot. Both parcels are owned by the same owner.
11. Location: 4460 Zacata Road, Montross 22520. Dwelling – 1 story, light gray with gray shingles and red shutters and lower basement level. No Contact. Found on-site was a 1" white PVC pipe which exits the house. Origin is unknown. No signs of discharge.
12. Location: 4456 Zacata Road, Montross 22520. Dwelling – 1 story, white with black shingles. No Contact. The house and property are under renovation, which includes installing a septic system, (application approved by Westmoreland County Health Department on 4/19/12).
22. Location: 4301 Cople Highway, Mt. Holly 22524. Dwelling – mobile home, variegated brown with brown trim. 2 persons. Found on-site were two black pipes, 1 ½" and 3" in size, which exit ground to a ditch. Origins are unknown. No signs of discharge.
24. Location: 307 Hard Corner Road, Montross 22520. Dwelling – double-wide mobile home, gray with white shutters and dark gray shingles. No Contact. Found on-site was a 1 1/2" black hose which exits the foundation under the back porch. Origin is unknown. No signs of discharge.

SECTION C: NON-SEWAGE WASTE SITES

INDUSTRIAL WASTE SITES

17. Location: 4200 Cople Highway, Mt. Holly 22524. Virginia Crop Improvement, Foundation Seed Farm, Crop seeding services. Found on-site was a 275 gallon # 2 fuel oil tank, a 275 gallon diesel fuel tank (both without berms) and two 1000 gallon gasoline tanks (with berm).
20. **DIRECT** – Location: 432 McGuire Wharf Road, Montross 22520. Robberecht Seafood. Eel plant processing wastes and floor drains discharge into Nomini Creek. VPDES Permit # VAG534002.
23. Location: 4951 Cople Highway, Mt. Holly 22524. Crop Production Services, Inc. Wholesale fertilizer sales. Found on-site were five 2600 gallon, four 12000 gallon and two 6400 gallon fertilizer storage tanks, one 500 gallon diesel fuel tank and one 500 gallon gasoline, all in berms.
27. Location: 585 Whitehall Road, Montross 22520. Dwelling – 1 story, light blue with gray shingles and white trim. No Contact. Visible on-site were two fuel tanks, ~250 and 1000 gallons, both inside berm.

SOLID WASTE SITES

3. Location: End of Arlene way, Montross 22520. Stratford Harbor Property Owners Association. Found on-site was a solid waste disposal site for residents, (household trash only).
6. Location: 797 Erins Drive, Montross 22520. Dwelling – workshop. 1 person. Found on-site was a workshop used for metal sculpture and to recycle scrap metal, two old mobile homes (no occupancy), old vehicles, lawn mowers and scrap metal covering ~3/4 of an acre.
15. Location: 401 Pierce Lane, Montross 22520. Dwelling – Double-wide mobile home, brown, storm damaged. No Contact. No occupancy. Found on-site was a workshop (closed) with junk autos and engine parts on ~1/2 acre.

SECTION D: BOATING ACTIVITY

MARINAS

2. Stratford Harbour Boat Club Association, adjacent to 28 Harbour Drive, Montross 22520. Fran Taylor, Manager. Available on-site are 38 seasonal slips/moorings (37 slips are approved), 15 dry storage spaces, a concrete ramp, electricity, water, solid waste containers, and two vault privies (which serve as dump stations). An alternate pump out station for this facility is at the Coles Point Plantation Marina. The dump station sign posted was unreadable due to aging. The manager has talked to the VDH marina program about the sign and extra slip.

OTHER PLACES WHERE BOATS ARE MOORED

9. Nomini Boat Club, adjacent to 45 Neptune Lane, Montross 22520. No Contact. Available on-site are 5 seasonal slips/moorings, 8 dry storage spaces and a ramp.

18. Location: Across the street and adjacent to 440 McGuires Wharf Road, Montross 22520. No Contact. Available on-site are 11 seasonal slips/moorings and electricity.
21. Location: 661 Gull Harbor Drive, Montross 22520. Available on-site are 8 seasonal slips/moorings (4 are inside a 1 ½ story boathouse), a dry storage area (11 spaces at the time of survey), fuel (quantity unknown), electricity, water, and solid waste dumpster. A satellite dish was also located on-site.

UNDER SURVEILLANCE

4. Currioman Landing, end of Currioman Road, Montross 22520. Westmoreland County public boat ramp. No contact. Available on-site is a ramp, loading/unloading dock and waste containers.
8. Nomini Bay Farms, Adjacent to 250 Mathews Cove Drive, Montross 22520. No Contact. Available on-site is a concrete ramp and a loading/unloading dock. Electricity is on-site only for the security lights.
14. Location: Adjacent to 138 Old Prospect Landing. No Contact. Available on-site is a concrete ramp and a loading/unloading dock.
19. Thomas Hall Seafood. End of McGuires Wharf Road, Montross 22520. Building is storm damaged. No Contact. Available on-site are 2 seasonal slips/moorings (15 slips are approved but most of dock is unusable due to storm damage), three fuel tanks (~1000 gallon, ~1000 gallon and ~2000 gallon), all in berms, type and quantity of fuel unknown and electricity.
20. Robberecht Seafood, 432 McGuires Wharf Road, Montross 22520. Eel processing plant. Closed at time of survey. Available on-site is a ramp and loading/unloading dock. The ramp is available for use by the public for a fee.

SECTION E: CONTRIBUTES ANIMAL POLLUTION

5. Location: 537 Erins drive, Montross 22520. Dwelling – 1 story, white with brown shingles. No Contact. Present at the time of the survey were 5 horses, 1 miniature horse and 2 goats. Manure is left on ground.
7. Location: 187 Longview Lane, Montross 22520. Dwelling – 1 story, brick with white siding and white shingles. No Contact. Visible at the time of the survey were 2 horses. Manure is left on ground.
16. Location: 275 Scenic Drive, Mt. Holly 22524. Dwelling – 1 ½ stories, log cabin with green shingles. 2 persons. Present at the time of the survey were 120 pigeons. Owner recycles manure and gives to local farmers for their fields.
28. Location: 3707 Mt. Holly Road, Montross 22520. Dwelling – 2 stories, brick with 1 story addition, light gray shingles plus an attached garage. 1 person. Present at the time of the survey were 5 cows and 1 calf. Manure if left on ground.

SUMMARY

Area # 004
Nomini and Currioman Bays
20 September 2012

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
- 4 – CONTRIBUTES POLLUTION, INDIRECT – # 1, 13, 25, 26
- 1 – CP – (Kitchen or Laundry Wastes), DIRECT – # 21
- 0 – CP – (Kitchen or Laundry Wastes), INDIRECT – None
- 1 – NO FACILITIES, DIRECT – # 9
- 0 – NO FACILITIES, INDIRECT – None
- 6 – B.2. TOTAL

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

- 5 – POTENTIAL POLLUTION – # 10, 11, 12, 22, 24

SECTION C: NON-SEWAGE WASTE SITES

1. INDUSTRIAL WASTE SITES

- 1 – DIRECT – # 20
- 3 – INDIRECT – # 17, 23, 27
- 4 – C.1. TOTAL

2. SOLID WASTE SITES

- 0 – DIRECT – None
- 3 – INDIRECT – # 3, 6, 15
- 3 – C.2. TOTAL

SECTION D: BOATING ACTIVITY

- 1 – MARINA – # 2
- 3 – OTHER PLACES WHERE BOATS ARE MOORED – # 9, 18, 21
- 5 – UNDER SURVEILLANCE – # 4, 8, 14, 19, 20
- 9 – D. TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION

- 0 – DIRECT – None
- 4 – INDIRECT – # 5, 7, 16, 28
- 4 – E. TOTAL

76°46'30"W

76°45'0"W

76°43'30"W

76°42'0"W

Virginia Department of Health Division of Shellfish Sanitation

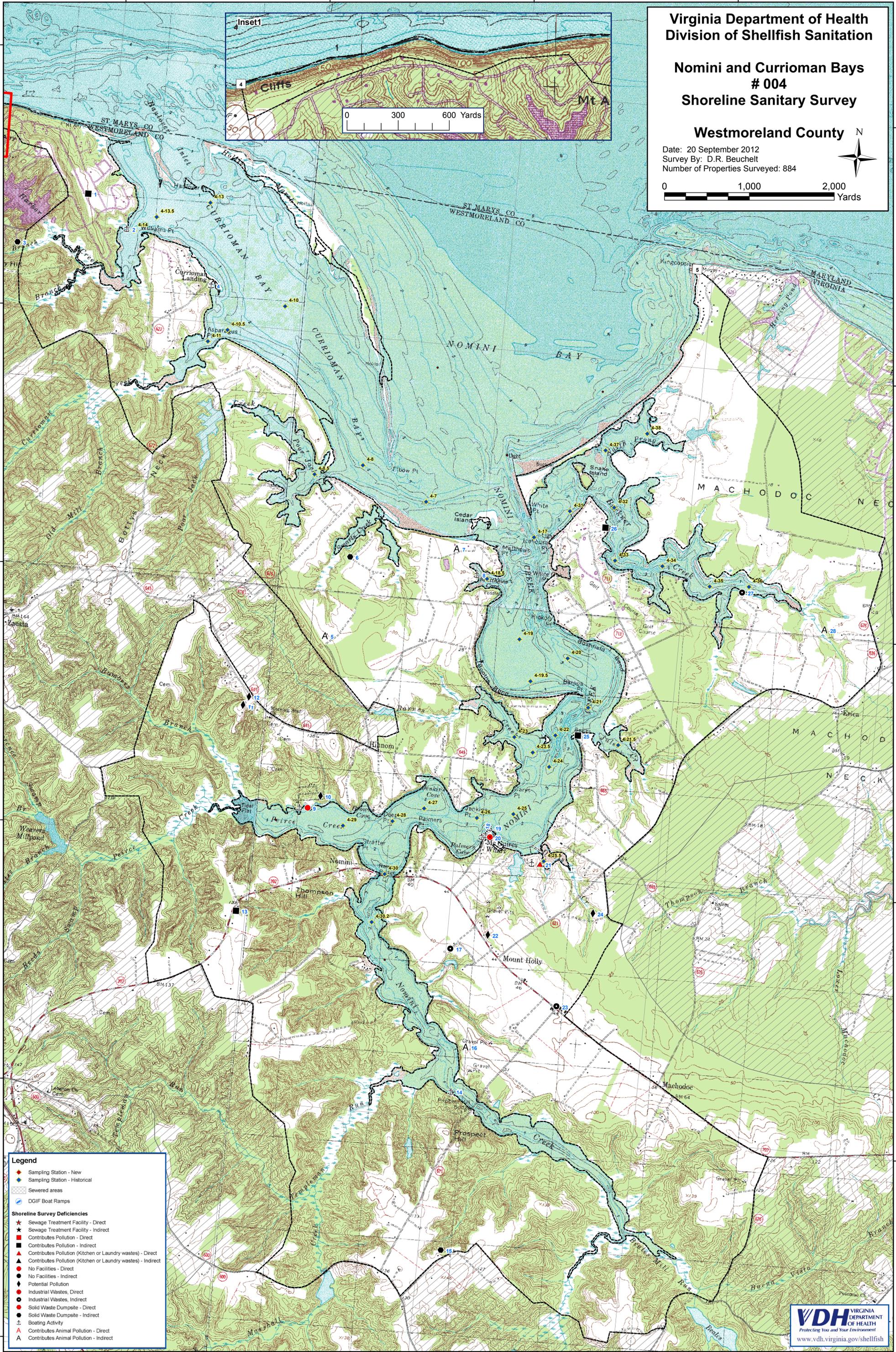
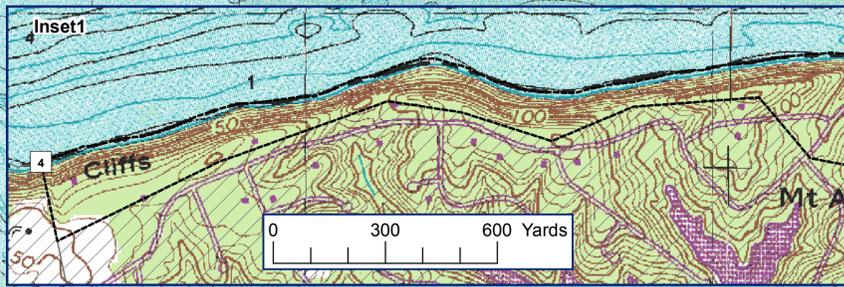
Nomini and Currioman Bays # 004 Shoreline Sanitary Survey

Westmoreland County

Date: 20 September 2012
Survey By: D.R. Beuchelt
Number of Properties Surveyed: 884



0 1,000 2,000
Yards



Legend

- ◆ Sampling Station - New
- ◆ Sampling Station - Historical
- ▨ 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
- A Contributes Animal Pollution - Direct
- A Contributes Animal Pollution - Indirect

