



COMMONWEALTH of VIRGINIA

Department of Health DIVISION OF SHELLFISH SANITATION

109 Governor Street, Room 614-B
Richmond, VA 23219

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

URBANNA CREEK Growing Area # 029 Middlesex County Shoreline Sanitary Survey

Date: 9 August 2013

Survey Period: April 23, 2012 – August 02, 2013

Total Number of Properties Surveyed: 408

Surveyed By: R.M. Thomas

SECTION A: GENERAL

This survey area extends from Reference Point 30 (End of Rappahannock Avenue, T-1001) to Reference Point 31 (Bailey Point, Rt. 1070) and includes the shoreline and all of the tributaries (within a designated boundary line drawn by the Division of Shellfish Sanitation) of Urbanna Creek located in Middlesex County, Virginia.

The topography of the area surveyed ranges from the shoreline to 100' at the highest elevation within the interior boundary.

Meteorological data indicated that a total of 61.75" of rain fell during the survey period; a monthly breakdown is as follows:

April 23-30, 2012	0.86"	September	2.34"	January 2013	4.42"	May	2.36"
May	2.02"	October	7.06"	February	2.32"	June	10.46"
June	2.89"	November	0.72"	March	4.66"	July	4.74"
July	4.84"	December	2.56"	April	3.69"	August 1-2	0.89"
August	4.92"						

There are currently two Sewage Treatment Facilities located within the boundary lines of this survey. A portion of the town of Urbanna is served by the Hampton Roads Sanitation District Town of Urbanna Wastewater Treatment Plant, VPDES Permit #VA0026263. Final effluent discharge is to Urbanna Creek. A copy of the latest DEQ inspection is available from the Division of Shellfish Sanitation Central Office in Richmond.

The other Sewage Treatment Facility is located at the Middle Peninsula Regional Security Center in Saluda, Virginia. This facility serves the following public buildings in addition to the MPRSC: Middlesex Courthouse, Sheriff's Office, Woodward building, and the historic Courthouse. Final effluent discharge is to a stream that leads to Urbanna Creek.

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 systems, 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.*

Found during the survey were 2 STF facilities, 0 on-site deficiencies, 0 properties marked as potential deficiencies, 1 industrial sites, 0 solid waste site, 14 boating activity sites and 0 sites marked for animal pollution.

The current restrictions on shellfish harvesting are Condemned Shellfish Area # 029-042, Urbanna Creek, effective 14 February, 2006. 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.

This 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 of the 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

12. ***DIRECT*** – Hampton Roads Sanitation District, (HRSD) Town of Urbanna Wastewater Treatment Plant, Middle Peninsula Hampton Roads District, PO Box 387, Hartfield, Virginia 23071. Population served: 1000. VPDES Permit # VA0026263. Treatment processing includes screening, (the comminutor has been removed and replaced with small squares of wire mesh, which are changed daily), grit removal, flow measurement, ultraviolet disinfection, sewage pumping and effluent/plant outfall (submerged) to Urbanna Creek. The sludge is disposed of at the Gloucester County Landfill, via the Stormont Transfer Station. The latest Wastewater Facility Inspection report is included with the survey field notes.
14. ***DIRECT*** – Middle Peninsula Regional Security Center, PO Box 403, Saluda, Virginia 23149. Population served: 200-230 inmates and staff, the Middlesex County Courthouse, the Woodward Building, the historic courthouse, and the Middlesex County Sheriff's office. VPDES Permit # 0073318. Treatment processing includes a barscreen, comminutor, equalization basin, aeration basin, clarifier, sludge holding tank, chlorine contact tank, and weir box. Treated effluent is released to a stream that leads to

Urbanna Creek. The latest Wastewater facility Inspection is included with the survey field notes.

ON-SITE DEFICIENCIES

-None-

POTENTIAL POLLUTION

-None-

SECTION C: NON-SEWAGE WASTE SITES

-None-

INDUSTRIAL WASTES

15. Location: 455 General Puller Highway, Saluda 23149. Virginia Department of Transportation, Saluda Resident Engineer and Maintenance Headquarters, PO Box 184, Saluda 23149. State Highway Shop. Approximately 47 employees. On-site is one ten-thousand gallon tank of potassium acetate and two five-hundred gallon waste oil tanks without berms.

SOLID WASTE SITES

-None-

SECTION D: BOATING ACTIVITY

MARINAS

2. Queen Anne's Cove Yacht Club, c/o H. Alexander, Urbanna, 23175. Private marina. 24 seasonal slips available. Electricity and water are available. An in-out ramp is shared with The Cove Association, Inc. Owner has alternative pump-out agreement with Urbanna Yachting center. On-shore restroom facilities, dump station facilities, and boat holding tank pump-out facilities are exempt.
3. Town of Urbanna, Urbanna, 23175. Public Marina. Available on-site are 32 seasonal slips, ramp, water, electricity, solid waste containers, restrooms, dump station, and sewage holding tank pump-out facilities.
4. Montague Boat Dock, c/o Robert Montague, 1007 King Street, Alexandria, 22314. Available on-site are 15 seasonal slips, water and electricity. Owner has alternative agreement with Urbanna Yacht Center to provide boat holding tank pump-out facilities.
8. Port Urbanna Yachting Center, c/o Diana Allison, manager, PO Box 88, Urbanna 23175. Owner: Dozier Yachting Center, PO Box 1188, Deltaville 23043. Available on-site are 58 slips, 20 dry storage spaces, water, electricity, boat repair, dump station facilities, boat holding tank pump-out facilities, restrooms, and solid waste containers.
9. Urbanna Yachting Center, Owner: Jim Scott, PO Box 397, Urbanna 23175. Commercial Marina. Available on-site are 85 seasonal slips, fuel, electricity, water, boat repair, solid waste containers, sewage pump-out facilities, and restrooms. Dump station facilities are available at Urbanna Creek Marina at the Bridge.

10. Urbanna Creek Marina at the Bridge. No Contact. Commercial marina. Available on-site are 30 seasonal slips, electricity, water, dump station facilities, solid waste containers, and restrooms. Has alternate pump-out agreement with Urbanna Yacht Sales and Service.
16. Urbanna Harbour Yacht Club. Private marina for Urbanna Harbour Property Owners. Available on-site are 129 seasonal slips, electricity, water dump station facilities, sewage holding tank pump-out facilities, and solid waste containers. Restrooms are provided with sewage disposal via drainfield which appeared to be functioning satisfactorily at time of inspection.
17. Cove Association, Inc., c/o H. Alexander, Urbanna 23175. Private marina. Available on-site are 10 seasonal slips, water, electricity, solid waste containers, and a ramp. Owner has an alternate pump-out agreement with Urbanna Yachting Center. On-shore restroom facilities, dump station facilities, and boat holding tank pump-out facilities are exempt.

OTHER PLACES WHERE BOATS ARE MOORED

5. Payne's Crab House, Owner: Town of Urbanna. No contact. Available on-site are 3 seasonal slips/moorings, restrooms, and solid waste containers.
6. Oyster Harbor at Urbanna Creek, Owner: Herman J. Becstoffer, Jr., 3859 Black Stump Road, Weems 22576. Available on site are 13 seasonal slips/moorings, electricity, water, and restrooms. Owner is exempt from having dump station and sewage holding tank pump-out facilities. Owner has alternate pump-out agreement with Urbanna Town Marina at Upton's Point.
11. Garnett Hill Area Association. Located on SR 1016, Urbanna 23175. Available on-site are 5 seasonal slips/moorings. There are no services available at this location.

UNDER SURVEILLANCE

2. Jamison Cove Townhouse Association, Manager: Russell Winn, Box 831, Urbanna 23175. There are no services available. Pier is for kayaks and johnboats. Pier is exempt from dump station requirement.
7. Provisions, Etc., Owner: Francis Hall, Box 490, Urbanna 23175. Available on-site are 3 seasonal slips/moorings, water, electricity, restrooms, and solid waste containers. Owner is exempt from the requirement for sewage holding tank pump-out facilities.
13. Saluda Public Boat Ramp, end of State Road 618 (Oakes Landing Road), Saluda 23149. Owner: VDOT, 1401 East Broad Street, Richmond 23219. Location: End of SR 618, which becomes Oaks Landing Rd. Services available are an in-out ramp and loading-unloading dock.

SECTION E: CONTRIBUTES ANIMAL POLLUTION

-None-

SUMMARY

Growing Area # 029
Urbanna Creek
9 August 2013

SECTION B: SEWAGE POLLUTION SOURCES

1. SEWAGE TREATMENT FACILITIES

2 – DIRECT – #12, 14

0 – INDIRECT – None.

2 – 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.

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

0 – DIRECT – None.

1 – INDIRECT – # 15

1 – C.1. TOTAL

2. SOLID WASTE SITES

0 – DIRECT – None.

0 – INDIRECT – None.

0 – C.2. TOTAL

SECTION D: BOATING ACTIVITY

8 – MARINAS – #1, 3, 4, 8, 9, 10, 16, 17

3 – OTHER PLACES WHERE BOATS ARE MOORED – # 5, 6, 11

3 – UNDER SURVEILLANCE – # 2, 7, 13

14 – D. TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION

0 – DIRECT – None.

0 – INDIRECT – None.

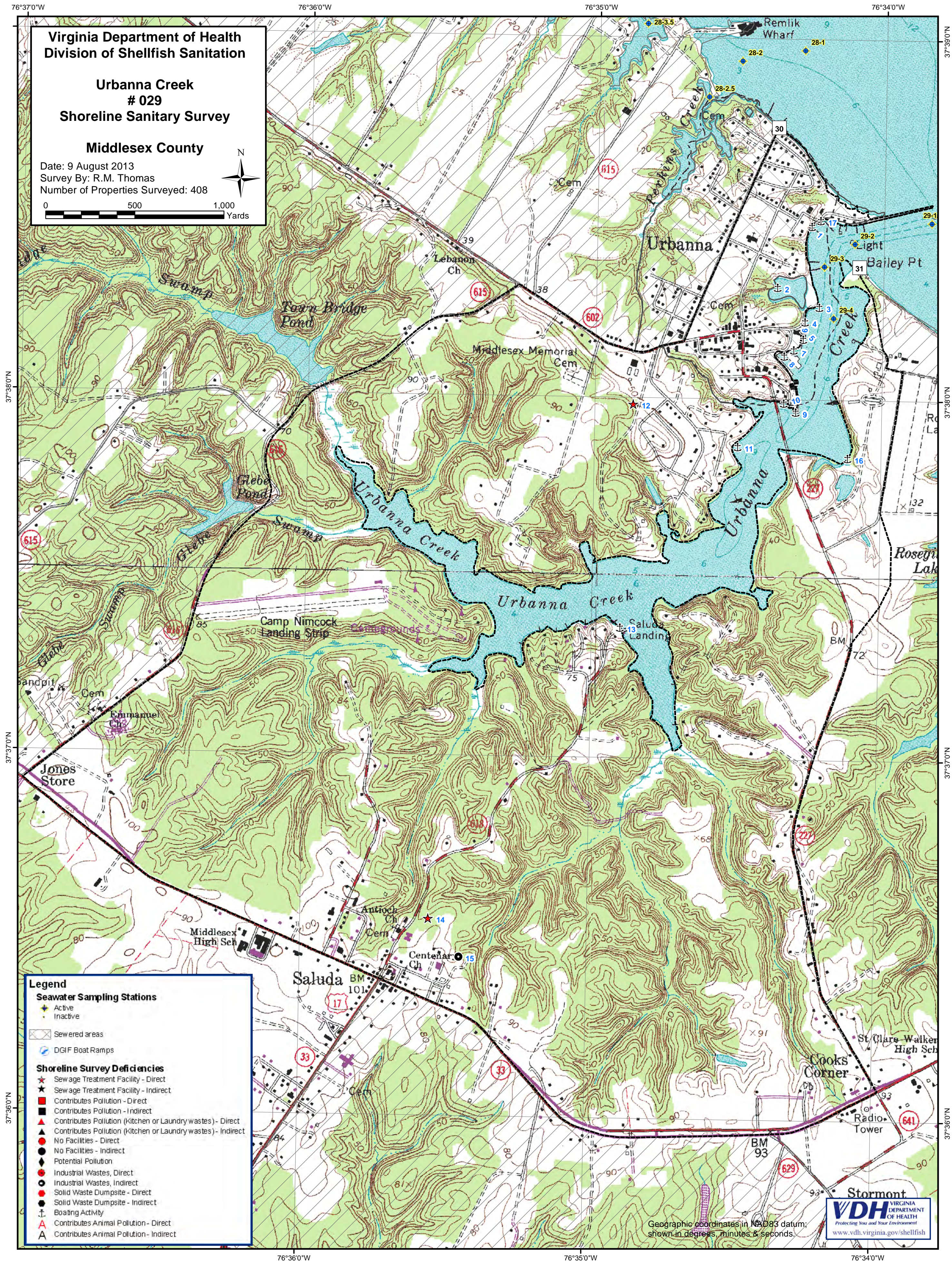
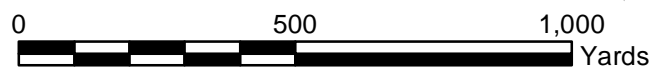
0 – E. TOTAL

Virginia Department of Health
Division of Shellfish Sanitation

Urbanna Creek
029
Shoreline Sanitary Survey

Middlesex County

Date: 9 August 2013
Survey By: R.M. Thomas
Number of Properties Surveyed: 408



Legend

Seawater Sampling Stations

- Active
- Inactive
- 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
- Contributes Animal Pollution - Direct
- Contributes Animal Pollution - Indirect

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