

# 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

# YORK RIVER: CAMP PEARY TO YORKTOWN Growing Area # 051 York County Shoreline Sanitary Survey

Date: 27 February 2017

Survey Period: December 2, 2016 – January 20, 2017

**Total Number of Properties Surveyed: 148** 

Surveyed By: I.M. Geeson

**SECTION A: GENERAL** 

This survey area extends from Reference Point 51 at the end of the road about 250 yards north of Beaverdam Pond in Camp Peary to Reference Point 52 off Route 238 just west of the mouth of Yorktown Creek at the Colonial Fortress (Fusilier's Redoubt) and triangulation marker "Pitz." The area drains to the tidal portions of Queens' Creek (Haring Swamp)King's Creek (Whiteman Swamp), Felgates Creek (Black Swamp), Indian Field Creek, Ballard Creek and the York River.

The topography of the area is characterized by elevations ranging from 10' or less along the shoreline to a maximum of 90' near the southern edge of the survey boundary. Population is concentrated in the City of Williamsburg and in numerous subdivisions of York County. The economy is based primarily on military reservations, tourism, and general commerce. A relatively large amount of marsh and forest remains intact along military shorelines.

Meteorological data indicated a total of 4.92" of rain fell during the survey period. A monthly breakdown of rainfall is as follows: December 2.23" January 1-20 2.69"

Three onsite systems that fall within Camp Peary were evaluated along with the 2016 Growing Area 50 shoreline survey on April 15, 2016.

York County requires residents to have their septic systems checked on a routine basis and provide a record of the service. Sewered areas are served by the Hampton Roads Sanitation District (HRSD) with connection and garbage collection fees paid to York County. A GIS layer identifying connected properties was provided by the county. Homes on East Queens Lake Drive in the previous survey have now been connected and a sewer line along West Queens Lake Drive is currently under construction.



The U.S. Naval Weapons Station and the U.S. Naval Supply Center Cheatham Annex are both served by Hampton Roads Sanitation District. Stormwater GIS layers were provided by York County and the Navy; the layers and email correspondence can be reviewed in an appendix document located within DSS Central Office files.

Copies of bacteriological, hydrographical, and shellfish closure data are available at the area field office for review. Copies of the current condemnation notices and maps are available via the internet at <a href="http://www.vdh.virginia.gov/oehs/shellfish/">http://www.vdh.virginia.gov/oehs/shellfish/</a>.

This report lists only those properties that have a sanitary deficiency or have other environmental significance. "*DIRECT*" indicates that the significant activity or deficiency has 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 out of compliance with their regulatory programs. Copies of VPDES Permits and inspections are available at the Department of Environmental Quality, Tidewater Regional Office (DEQ/TRO).

#### SECTION B: SEWAGE POLLUTION SOURCES

овистю	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
135	51	32	1/12/2017	CONTRIBUTES POLLUTION, indirect	37.235671	-/6 52 /943	IRoad Yorktown VA 23690	Deficiency in previous survey, was not given permission to evaluate. Referred to local health department 12/16/2016.	Conv	Dwelling	Υ	House with signs of high occupancy. Resident stated that an inspection was not necessary or allowed because it was previously inspected. Was recorded as a deficiency in previous survey.	York	IG		
134	51	48		CONTRIBUTES POLLUTION, indirect	37.270522	-76 631705	1152 Springfield Road, Williamsburg, VA 23185	Not determined, deficiency based on owners statement about ongoing problems with system. Referred to local health department 12/16/2016.	Conv	Dwelling		Owner (name not given) stated she is having ongoing problems with septic system but would not allow an inspection. She stated a willingness to work with local health department.	Williamsburg	IG		
111	51	41	1/12/2017	CONTRIBUTES POLLUTION (Kitchen or Laundry), indire	37.272225	-76 636476	Williamshurg VA 23185	Laundry pipe from side of house to septic tank area. Submitted to local health department 12/16/2016.	Conv	Dwelling	N	Pipe running across driveway to right of house.	Williamsburg	IG		
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# SECTION C: NONSEWAGE WASTE SITES

OBJECTIO	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
0	51	147	6/20/2016	INDUSTRIAL WASTES, direct	37.282639	-76.601110	Ruilding 564	VPDES Industrial Stormwater Permit # VAR052105 for 21 regulated outfalls.	NA	Public	Υ	US Naval Weapons Station Yorktown, Cheatham Annex. Military site requires special permission to access.	York	IG
1	51	148	6/20/2016	INDUSTRIAL WASTES, direct	37.265512	-76.569164	1959 Main Street, Yorktown, VA 23690	VPDES Industrial Stormwater Permit # VAR051321 for 1 regulated fuel/water separation outfall. VPDES Industrial Stormwater Permit # VAR0087408 for eight regulated outfalls.	NA	Public	Υ	US Naval Weapons Station Yorktown. Military facility requires special permission to access.	York	IG
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#### SECTION D: BOATING ACTIVITY

овиести		Field #	Inspection Date	Deficiency or Pollution Type	Latitude	Longitude	Address		Septic System Type	Structure Type	Contact	Overall Site Remarks	Locality	Boating Activity Type	Number of	NUM BOATS <26'	NUM BOATS >26'	Evidence of Live- Aboards	DSS Staff
2	51	146	6/20/2016	BOATING ACTIVITY	37.296849	-76 651122	234 East Queens Drive, Williamsburg, VA 23185	One commercially serviced privy in good condition at time of survey. Solid waste container provided.	Privy	Marine	N	Queens Lake Boat Dock. Gated key card access, though gate is generally open.	York	Marina	88	11	26	N	IG

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# **SECTION E: CONTRIBUTES ANIMAL POLLUTION**

ОВЈ	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 # 051

York River: Camp Peary to Yorktown

27 February 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
  - 2 CONTRIBUTES POLLUTION, INDIRECT # 32, # 48
  - 0 CP (Kitchen or Laundry Wastes), DIRECT None
  - 1 CP (Kitchen or Laundry Wastes), INDIRECT # 41
  - 0 NO FACILITIES, DIRECT None
  - <u>0</u> NO FACILITIES, INDIRECT None
  - 3 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 # 147, 148
  - 0 INDIRECT None
  - 0 C.1. TOTAL
- 2. SOLID WASTE SITES
  - 0 DIRECT None
  - 0 INDIRECT None
  - 0 C.2. TOTAL

# **SECTION D: BOATING ACTIVITY**

- 1- MARINAS #146
- 0 OTHER PLACES WHERE BOATS ARE MOORED None
- 0 UNDER SURVEILLANCE None
- 1 D. TOTAL

# **SECTION E: CONTRIBUTES ANIMAL POLLUTION**

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

