

COMMONWEALTH of VIRGINIA DEPARTMENT OF HEALTH DIVISION OF SHELLFISH SANITATION

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BACK RIVER

Growing Area # 054
Cities of Hampton and Poquoson
Shoreline Sanitary Survey

Date: 21 December 2016

Survey Period: June 13 – December 9, 2016 Total Number of Properties Surveyed: 235

Surveyed By: F.P. Monis

SECTION A: GENERAL

This survey area extends from Reference Point 54 at the northwest mouth of the Thorofare Creek to Reference Point 55 at the Northend Point, including the Back River shoreline between these two points. Also included are Flat Gut, Bells Oyster Gut, Front Cove (High Cesar Creek), Back Cove, Long Creek, Fore Landing Creek, Northwest Branch (Watts Creek, Topping Creek, Cedar Creek, Brick Kiln Creek, Tabbs Creek), Southwest Branch (Tide Mill Creek, Newmarket Creek, Hampton Lake, Lynnhaven Lake), Harris River, Wallace Creek, Grunland Creek, Long Creek (Hawkins Pond, Floods Hole) and all of their tributaries. The survey boundary has been revised. See map for current survey boundary.

The topography of the area varies in elevations from 5' or less along the shoreline to a maximum of 30' near the western edge of the survey boundary. The economy is based mainly on local commerce, various industries, the military and recreation. The population is densely populated within the sewered sections and moderately populated in the remainder of the survey area.

During this survey period, meteorological data indicated that 35.05" of precipitation was recorded. A monthly breakdown follows:

June 13-30 0.07" August 3.10" October 9.05" December 1-9 1.68" July 7.37" September 9.20" November 1.67"

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. 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report are on file in the Richmond Office of the Division of Shellfish Sanitation and are available for reference until superseded by a subsequent survey of the area.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.

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



SECTION B: SEWAGE POLLUTION SOURCES

FID_1	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
640	54	230	6/20/2016	SEWAGE TREATMENT FACILITY, direct	37.091279	-/6/911//	210 Dandy Point Road	Discharge system serving one residence. DEQ issued single family home general permit VAG403006. <1000 gallon/day volume plant. The final effluent discharges into Wallace Creek.		Dwelling	Y	Norweco Singulair Package treatment system serving one residence. <1000 gallon/day volume plant. System uses chlorine disinfection. Annual inspections conducted by VDH.	Hampton	FM		
8249	54	105	10/3/2016	CONTRIBUTES POLLUTION, direct	37.067493	-76 343632	79 Oakville Road, Hampton, VA 23669	Owner stated Septic tank leaks with tidal flooding. In Process of installing sewer lines within next month. Will contact DSS when complete. No effluent or odor present.	Conv	Dwelling	Y		Hampton	FM	12/1/2016	Received email from occupant on 12/01/16 stating sewer lines connected. Site visit on 12/09/16 issues addressed.

Shoreline Survey # 054

SECTION C: NONSEWAGE WASTE SITES

FID_1	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
6192	54	38	6/20/2016	INDUSTRIAL WASTES, direct	37.085661	-76.380031	23666	Facility has VPDES permit #VA0024741 from DEQ for discharge of cooling tower blowdowns, backwash brine, water jet metals, compressor condensate, and water softener system. 16 outfalls.		Public	Υ	Langley NASA Research Center	Hampton	FM
6462	54	57	7/1/2016	INDUSTRIAL WASTES, direct	37.092884	-76.346648	36 Sweeny Blvd, Hampton, VA 23665	VPDES permit # VARO 52285 Outfall #10,#11	NA	Business	Υ	Langley Air Force Base	Hampton	FM
6465	54	60	7/1/2016	INDUSTRIAL WASTES, direct	37.093640	-76.371628		VPDES permit # VARO 52285 outfall #23 into Tabbs Creek	NA	Business	Υ	Langley Air Force Base Golf Course	Hampton	FM
6541	54	61	7/8/2016	SOLID WASTE SITES, indirect	37.073397	-76.380179	2972 North Armistead Avenue, Hampton, VA 23661	Significant amount of rubber tires observed.		Business	N		Hampton	FM

Septic **Boating** NUM NUM Evidence GΑ Field Deficiency or Number o DSS Latitude Longitude Address **Pollutant Remarks** System Structure Type Contact **Overall Site Remarks** Locality Activity **BOATS BOATS** of Live-Staff # **Pollution Type** Wet Slips <26' >26' Type Type **Aboards** Last routine inspection on June 15, 2016 indicated work order called in on May 31, 2016 to fix pump out station. Received an BOATING Thornell Avenue, 6461 54 56 7/1/2016 37.079332 FM -76.341891 NA Marine Langley Air Force Base 170 48 Ν email from Langley Air Force Base on Hampton Marina 0 ACTIVITY Hampton, VA 23665 10/25/2016 stating the pump out station has been repaired. Hampton Health Department was contacted by DSS on 10/26/16. The owner stated the new wires and pump BOATING 600 Harris Creek Road. station are available on site. They are still in 630 54 164 6/20/2016 37.093772 -76.313285 Alt Marine Marina Cove Boat Basin Hampton Marina 87 85 0 Ν FM ACTIVITY Hampton, VA 23669 the process of installing the parts. Once completed, he will call the health department. BOATING 374 Dandy Haven Road, 637 54 226 6/20/2016 37.093736 -76.297477 Marine Dandy Haven Marina Hampton Marina 35 32 58 Ν ACTIVITY Hampton, VA 23669 BOATING 373 Dandy Point Road, 639 54 228 6/20/2016 37.096637 -76.294341 Alt Marine Υ Wallace's Marina Marina 13 7 15 Ν FM ACTIVITY Hampton, VA 23669 BOATING 2 Bells Island Drive, 641 54 231 6/20/2016 37.097527 -76.292824 Υ 10 33 73 Ν FM NA Marine Hampton Marina ACTIVITY Hampton, VA 23669 BOATING 287 Messick Road, 37.113537 6109 54 31 6/20/2016 -76.323621 Υ Bill Forrest Seafood OPWBAM 0 2 1 Ν FM NA Business Poquoson ACTIVITY Poquoson, VA 23662 BOATING End of Messick Road, 6110 54 32 6/20/2016 37.110593 OPWBAM 3 2 Ν FM -76.318490 NA Marine Ν Messick Point Landing and Pier Poquoson 26 ACTIVITY Poquoson, VA 23662 PO Box 2044, Poquoson, BOATING 6111 54 33 6/20/2016 37.109490 -76.317939 Other Places Where Boats Are Moored NA Ν Poquoson Yacht Club OPWBAM 10 0 0 Ν FM Marine Poquoson ACTIVITY VA 23662 BOATING End of Cove Road. 54 6113 36 6/29/2016 37.109735 -76.322329 Other Places Where Boats Are Moored NA **OPWBAM** 0 0 0 Ν FM Marine Poquoson ACTIVITY Poquoson, VA 23662 BOATING 431 Messick Road, Under 54 34 FM 6112 6/20/2016 37.108858 -76.318472 Under Surveillance NA Captain Harrell's Seafood 0 0 0 Ν Business N Poquoson Poquoson, VA 23662 ACTIVITY Surveillance No boats present at time of survey. No BOATING 2601 Poquoson Avenue, Under 8863 54 39 6/22/2016 37.105089 -76.338065 sanitary facilities available. No boat holding NA Marine Thomas Jefferson Rollins Park 0 0 Ν FM Poquoson ACTIVITY Poguoson, VA 23662 Surveillance tank pump out facilities available. No activity. BOATING 901 East Little River, Under 628 54 146 6/20/2016 37.074827 -76.329605 2 0 Ν FM Public boat ramp NA Marine Ν Gosnold's Hope City Park Hampton 0 ACTIVITY Hampton, VA 23669 Surveillance BOATING End of Dandy Point Road, Under 638 54 227 Public boat ramp FM 6/20/2016 37.096033 -76.294735 Alt Marine Υ Hampton 0 0 0 Ν ACTIVITY Hampton, VA 23669 Surveillance

SECTION E: CONTRIBUTES ANIMAL POLLUTION

78 147	7/22/2016	CONTRIBUTES ANIMAL				Pollutant Remarks	System Type	Structure Type	Contact	Overall Site Remarks	Locality	DSS Staff
147		POLLUTION, direct	37.047987	-76.359415	5 Seldondale Drive, Hampton, VA 23666	28 horses and 5 cows observed on premises. Manure is mixed in with soil for agricultural purposes.	Alt	Business	Υ	Livestock Farm and Stables	Hampton	FM
	10/13/2016	CONTRIBUTES ANIMAL POLLUTION, direct	37.075265	-76.322656	66 Howe Road, Hampton, VA 23669	Approximately 50+ pastured cattle, 2 horses, 25+chickens present. Cattle have direct access to Tidal waters.	Alt	Dwelling	N		Hampton	FM
13	6/20/2016	CONTRIBUTES ANIMAL POLLUTION, indirect	37.121439	-76.330218	181 Messick Road, Poquoson, VA 23662	82 cats	NA	Business	Υ	Poquoson Animal Welfare Sanctuary. Three acres of land. Four buildings.	Poquoson	FM
58	7/1/2016	CONTRIBUTES ANIMAL POLLUTION, indirect	37.097746	-76.364467	37 Sweeny Blvd, Hampton, VA 23665	Manure is shipped off premises to commercial compost facility. 13 horses observed.	Conv	Agri	Υ	Langley Air Force Base	Hampton	FM
63	7/8/2016	CONTRIBUTES ANIMAL POLLUTION, indirect	37.055872	-76.377928	Fox Road, Hampton VA 23661	5 horses observed	Alt	Dwelling	N		Hampton	FM
149	10/13/2016	CONTRIBUTES ANIMAL POLLUTION, indirect	37.075813	-76.314763	219 Harris Creek Road, Hampton, VA 23669	25+chickens, 4 goats	Conv	Dwelling	N		Hampton	FM
160	6/20/2016	CONTRIBUTES ANIMAL POLLUTION, indirect	37.086417	-76.316946	337 Sawgrass Lane, Hampton, VA 23669	Observed 25 chickens, 2 goats, and 3 geese present at time of survey	Alt	Dwelling	Υ		Hampton	FM
183	6/20/2016	CONTRIBUTES ANIMAL POLLUTION, indirect	37.076746	-76.310872	256 Shorecrest Lane, Hampton, VA 23669	9 horses observed	Alt	Business	N	Harris Creek Boarding	Hampton	FM
198	6/20/2016	CONTRIBUTES ANIMAL POLLUTION, indirect	37.072364	-76.311101	101 Pacers Point, Hampton, VA 23669	40 chickens	Alt	Dwelling	Υ		Hampton	FM
199	6/20/2016	CONTRIBUTES ANIMAL POLLUTION, indirect	37.070772	-76.310606	300 Pacers Point, Hampton, VA 23669	7 horses	Alt	Dwelling	Υ		Hampton	FM
210	6/20/2016	CONTRIBUTES ANIMAL POLLUTION, indirect	37.068518	-76.290484	149 Hall Road, Hampton, VA 23669	Five horses observed	Alt	Dwelling	N		Hampton	FM
211	6/20/2016	CONTRIBUTES ANIMAL POLLUTION, indirect	37.074163	-76.288669	200 Hall Road, Hampton, VA 23669	observed 25 or more chickens	Alt	Dwelling	N		Hampton	FM
215	12/2/2016	CONTRIBUTES ANIMAL POLLUTION, indirect	37.079290	-76.294571	351 Hall Road, Hampton, VA 23669	5 horses observed	Alt	Dwelling	Υ		Hampton	FM
225	1/6/2017	CONTRIBUTES ANIMAL POLLUTION, indirect	37.085681	-76.293374	27 Dandy Point Road, Hampton, VA 23669	Observed 25-30 chickens at time of survey.	Alt	Dwelling	N		Hampton	FM
233	6/20/2016	CONTRIBUTES ANIMAL POLLUTION, indirect	37.084694	-76.289413	20 Canal Road, Hampton, VA 23669	25 penned chickens observed	Alt	Dwelling	N		Hampton	FM
	63 149 160 183 198 199 210 211 2215	63 7/8/2016 149 10/13/2016 160 6/20/2016 183 6/20/2016 198 6/20/2016 199 6/20/2016 210 6/20/2016 211 6/20/2016 225 1/6/2017	7/1/2016 POLLUTION, indirect 7/8/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 149 10/13/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 160 6/20/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 183 6/20/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 198 6/20/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 199 6/20/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 210 6/20/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 211 6/20/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 212 CONTRIBUTES ANIMAL POLLUTION, indirect 213 12/2/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 225 1/6/2017 CONTRIBUTES ANIMAL POLLUTION, indirect 227 CONTRIBUTES ANIMAL POLLUTION, indirect 228 1/6/2017 CONTRIBUTES ANIMAL POLLUTION, indirect 239 6/20/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 230 6/20/2016 CONTRIBUTES ANIMAL POLLUTION, indirect	58 7/1/2016 POLLUTION, indirect 37.097746 63 7/8/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 37.055872 149 10/13/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 37.075813 160 6/20/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 37.086417 183 6/20/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 37.076746 198 6/20/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 37.072364 199 6/20/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 37.070772 210 6/20/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 37.068518 211 6/20/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 37.074163 215 12/2/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 37.079290 225 1/6/2017 CONTRIBUTES ANIMAL POLLUTION, indirect 37.085681 233 6/20/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 37.084694	7/1/2016 POLLUTION, indirect 37.097746 -76.364467 7/8/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 37.055872 -76.377928 10/13/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 37.075813 -76.314763 160 6/20/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 37.086417 -76.316946 183 6/20/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 37.076746 -76.310872 198 6/20/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 37.072364 -76.311101 199 6/20/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 37.070772 -76.310606 210 6/20/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 37.068518 -76.290484 211 6/20/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 37.074163 -76.288669 215 12/2/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 37.079290 -76.294571 225 1/6/2017 CONTRIBUTES ANIMAL POLLUTION, indirect 37.085681 -76.293374	7/1/2016 POLLUTION, indirect 37.097746 -76.364467 VA 23665 7/8/2016 POLLUTION, indirect 37.097746 -76.364467 VA 23665 7/8/2016 POLLUTION, indirect 37.055872 -76.377928 Fox Road, Hampton VA 23661 149 10/13/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 37.075813 -76.314763 PARTIE Creek Road, Hampton, VA 23669 160 6/20/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 37.076746 PARTIE POLLUTION, indirect 37.076746 PARTIE POLLUTION, indirect 37.076746 PARTIE POLLUTION, indirect 37.072364 POLLUTION, indirect 37.072364 POLLUTION, indirect 37.070772 PARTIE POLLUTION, indirect 37.0707163 PARTIE POLLUTION, indirect 37.0707170 PARTIE POLLUTION, indirect 37.085681 PARTIE POLLUTION, PARTIE POLLUTION, indirect 37.085681 PARTIE POLLUTION, PARTIE POLLUTION, indirect 37.084694 PARTIE POLLUTION, indirect 37.084694 PARTIE POLLUTION, PARTIE POLLUT	71/2016 POLLUTION, indirect 37.097746 -76.364467 VA 23665 compost facility. 13 horses observed.	7/1/2016 POLLUTION, indirect 37.097746 -76.364467 VA 23665 Compost facility. 13 horses observed. Conv	71/2016 POLLUTION, indirect 37.097746 -76.364467 VA 23665 Compost facility. 13 horses observed. Conv Agri Agri Conv Agri Pollution, indirect 37.09781 37.055872 -76.377928 Fox Road, Hampton VA 23669 25+chickens, 4 goats Conv Dwelling Pollution, indirect 37.075813 -76.314763 219 Harris Creek Road, Hampton, VA 23669 25+chickens, 4 goats Conv Dwelling Converted time of survey Converted time of survey Alt Dwelling Pollution, indirect 37.075813 -76.314763 337 Sawgrass Lane, Hampton, VA 23669 Phorses observed Alt Dwelling Pollution, indirect 37.076746 -76.316946 337 Sawgrass Lane, Hampton, VA 23669 Phorses observed Alt Dwelling Pollution, indirect 37.076746 -76.310872 256 Shorecrest Lane, Hampton, VA 23669 Phorses observed Alt Dwelling Pollution, indirect 37.076746 -76.311101 101 Pacers Point, Hampton, VA 23669 Phorses observed Alt Dwelling Pollution, indirect 37.070772 -76.310606 300 Pacers Point, Hampton, VA 23669 Phorses observed Alt Dwelling Pollution, indirect 37.070772 -76.310606 300 Pacers Point, Hampton, VA 23669 Phorses observed Alt Dwelling Pollution, indirect 37.0768518 -76.290484 149 Hall Road, Hampton, VA 23669 Phorses observed Alt Dwelling 12/2/2016 Pollution, indirect 37.079290 -76.294571 351 Hall Road, Hampton, VA 23669 Pollution, indirect 37.085681 -76.29374 27 Dandy Point Road, Hampton, VA 23669 Pollution, indirect 27 Dandy Point Road, Hampton, VA 23669 Pollution, indirect 37.085681 -76.29374 27 Dandy Point Road, Hampton, VA 23669 Pollution, VA 23669 Po	7/4/2016 POLLUTION, indirect 37.097746 -76.364467 VA 23665 compost facility. 13 horses observed. Conv Agri Y	27,72016 POLLUTION, indirect 37,097746 -76,364467 VA 23665 Compost facility, 13 horses observed. Conv. Agril. Y. Langley Air Force Base	19/13/2016 CONTRIBUTES ANIMAL POLLUTION, indirect 37.097746 76.316946 VA 23665 Compost facility. 13 horses observed. Conv Agri Y Langley Air Force Base Hampton

SUMMARY

Growing Area # 054 York County and the Cities of Hampton, Newport News and Poquoson 21 December 2016

SECTION B: SEWAGE POLLUTION SOURCES

- 1. SEWAGE TREATMENT FACILITIES
 - 1 DIRECT # 230
 - 0 INDIRECT None.
 - 1 B.1. TOTAL
- 2. ON-SITE SEWAGE DEFICIENCIES Correction of the deficiencies in this section is the responsibility of the local health department.
 - 1 CONTRIBUTES POLLUTION, DIRECT # 105
 - 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.
 - 1 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
 - 3 DIRECT # 38, 57, 60
 - <u>0</u> INDIRECT None.
 - 3 C.1. TOTAL
- 2. SOLID WASTE DUMPSITES
 - 0 DIRECT None.
 - 1 INDIRECT- # 61
 - 1– C.2. TOTAL

SECTION D: BOATING ACTIVITY

- 5 MARINAS # 56, 164, 226, 228, 231
- 4 OTHER PLACES WHERE BOATS ARE MOORED # 31, 32, 33, 36
- <u>4</u> UNDER SURVEILLANCE # 34, 39, 146, 227
- 14 D. TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION

- 2 DIRECT # 78, 147
- 13 INDIRECT # 13, 58, 63, 149, 160, 183, 198, 199, 210, 211, 215, 225, 233
- 15 E. TOTAL