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are on file in the Richmond Office of the Division of Shellfish Sanitation and are available for reference until superseded by a subsequent survey of the area.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

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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	-76.291172	210 Dandy Point Road, Hampton, VA 23669	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.

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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	1 Nasa Drive, Hampton, VA 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	Y	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	Y	Langley Air Force Base	Hampton	FM
6465	54	60	7/1/2016	INDUSTRIAL WASTES, direct	37.093640	-76.371628	37 Sweeny Blvd, Hampton, VA 23665	VPDES permit # VARO 52285 outfall #23 into Tabbs Creek	NA	Business	Y	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

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SECTION D: BOATING ACTIVITY

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

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SECTION E: CONTRIBUTES ANIMAL POLLUTION

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
6659	54	78	7/22/2016	CONTRIBUTES ANIMAL 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	Y	Livestock Farm and Stables	Hampton	FM
8339	54	147	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
6108	54	13	6/20/2016	CONTRIBUTES ANIMAL POLLUTION, indirect	37.121439	-76.330218	181 Messick Road, Poquoson, VA 23662	82 cats	NA	Business	Y	Poquoson Animal Welfare Sanctuary. Three acres of land. Four buildings.	Poquoson	FM
6463	54	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	Y	Langley Air Force Base	Hampton	FM
6543	54	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
8341	54	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
629	54	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	Y		Hampton	FM
631	54	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
632	54	198	6/20/2016	CONTRIBUTES ANIMAL POLLUTION, indirect	37.072364	-76.311101	101 Pacers Point, Hampton, VA 23669	40 chickens	Alt	Dwelling	Y		Hampton	FM
633	54	199	6/20/2016	CONTRIBUTES ANIMAL POLLUTION, indirect	37.070772	-76.310606	300 Pacers Point, Hampton, VA 23669	7 horses	Alt	Dwelling	Y		Hampton	FM
635	54	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
634	54	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
8624	54	215	12/2/2016	CONTRIBUTES ANIMAL POLLUTION, indirect	37.079290	-76.294571	351 Hall Road, Hampton, VA 23669	5 horses observed	Alt	Dwelling	Y		Hampton	FM
636	54	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
643	54	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

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
0 – INDIRECT – None.
3 – C.1. TOTAL

2. SOLID WASTE DUMPSITES

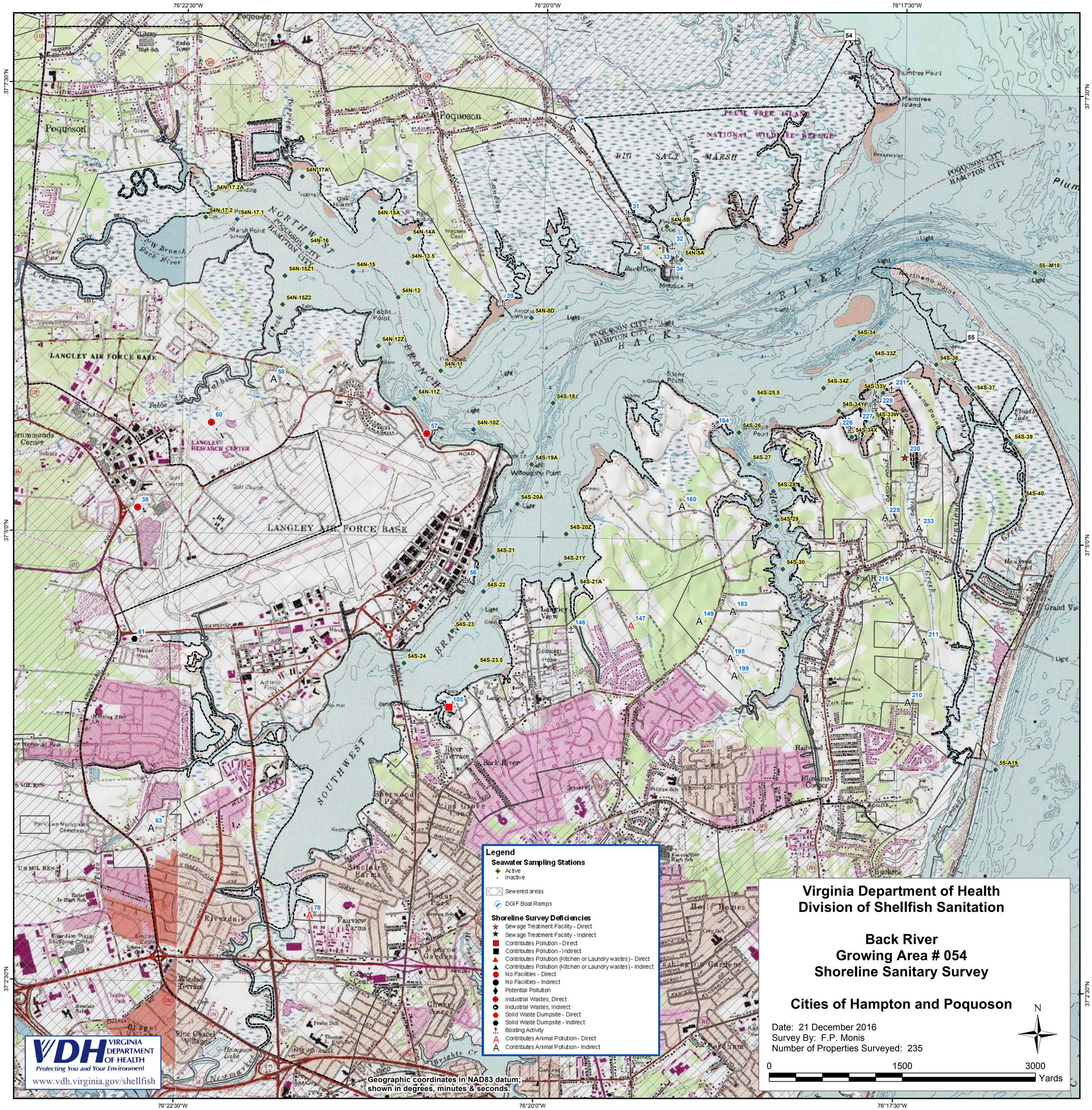
0 – DIRECT – None.
1 – INDIRECT– # 61
1– C.2. TOTAL

SECTION D: BOATING ACTIVITY

5 – MARINAS – # 56, 164, 226, 228, 231
4 – OTHER PLACES WHERE BOATS ARE MOORED – # 31, 32, 33, 36
4 – 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


Virginia Department of Health
Division of Shellfish Sanitation
Back River
Growing Area # 054
Shoreline Sanitary Survey
Cities of Hampton and Poquoson
Date: 21 December 2016
Survey By: F.P. Monis
Number of Properties Surveyed: 235
0
1500
3000
Yards
N
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
VDH VIRGINIA DEPARTMENT OF HEALTH
Protecting You and Your Environment
www.vdh.virginia.gov/shellfish
Geographic coordinates in NAD83 datum; shown in degrees, minutes & seconds.
76°22'30"W
76°20'0"W
76°17'30"W
37°7'30"N
37°5'0"N
37°2'30"N
PLUM TREE ISLAND NATIONAL WILDLIFE REFUGE
BIG SALT MARSH
NORTHWEST BRANCH
SOUTHWEST BRANCH
BACK RIVER
LANGLEY AIR FORCE BASE
LANGLEY RESEARCH CENTER
POQUOSON CITY
HAMPTON CITY
Poquoson
Plumtree Point
Plumtree Island
Stony Point
Willoughby Point
Langley View
Back River
Riverdale
Fairview Farms
Sinclair Farms
Cedar Park
Sherwood Park
Pine Grove Court
River Terrace
Hollywood
Bloxoms Corner
Holly Homes
Washington Gardens
Grand View
Hawkins Pond
Floyds Hole
Tabbs Creek
NW Branch Back River
Drummonds Corner
Windsor Terrace
Chapel Village
Ring Chapel Village
Hampton Lake
Cherry Acres
Monroe Gardens
Carver Court
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