



COMMONWEALTH of VIRGINIA

Department of Health
Division of Shellfish Safety

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POCOMOKE SOUND Growing Area # 075 Accomack County Shoreline Sanitary Survey

Date: 20 June 2019

Survey Period: September 27, 2018 – June 18, 2019

Surveyed By: R.C. Snead, B.T. Charnock, & E.M. Yeargan

Number of Properties and Near Shore Samples Collected: 150

SECTION A: GENERAL

This survey area extends from Reference Point 76 at the Virginia-Maryland state line to Reference Point 77 at Long Point, including the Pocomoke River and Pocomoke Sound shorelines between the aforementioned two points, and including Pitts Creek (Wagram Creek), Bullbeggar Creek (Tunnels Mill Branch and Hancock Branch), Line Gut, Double Ditches, Holdens Creek (North Branch and Sandy Bottom Branch), Robin Hood Bay (Jacks Creek), Starling Creek, Fishing Creek (Mantrap gut), Drum Bay, and all associated tributaries.

Elevations in the area vary from 5' along the shoreline to a maximum of 20' in the outer reaches of the watershed. The economy depends largely upon seafood and agriculture, with a strong emphasis on broiler chicken production and Tyson's Foods, Inc. The population density throughout the area is relatively sparse with moderate concentrations around Saxis, Sanford, and Withams, and with a small degree of development currently underway. There is extensive marshland present in the survey area.

Meteorological data from NOAA MPE station # 75-Q8 indicate that the area received a total rainfall of 27.21" for the survey period. A monthly breakdown of rainfall is as follows:

Sept 27-30, 2018	0.21"	December	2.79"	March	3.60"	June 1-18	1.27"
October	2.27"	January 2019	3.71"	April	3.22"		
November	3.26"	February	3.97"	May	2.91"		

Significant changes from the previous survey include:

- The VDOT Route 13 Information Center Sewage treatment facility was connected to the Pocomoke City sewage system and was removed from the Area 75 survey.
- The Commonwealth Chesapeake Co. Power Plant, located at 3415 White Oak Way in Hallwood, was added to include an Industrial Waste-Indirect deficiency.
- A significant number of Solar Energy Collection Farms were constructed in the area since the last survey in 2007.
- The number of animal pollution sources dropped from 30 to 24.

e) Two additional Industrial Waste-Direct sites were added to the survey, both in close proximity to the pre-existing KMX Chemical facility.

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/.

Information in this report is gathered by and primarily for use of the Division of Shellfish Safety, Virginia Department of Health, in order to fulfill its responsibilities of shellfish growing area supervision and classification. However, the data are made available to various agencies participating in shellfish program coordinated activities or other interested parties. The Engineering Appendix is available by request from the Richmond Office of the Division of Shellfish Safety.

Report copies are provided to the local health department for corrective action of deficiencies listed on the summary page in Sections B.2. and B.3. and to the Department of Environmental Quality for their information. The Division of Soil and Water Conservation is provided information on possible sources of animal pollution found in Section E.

This report lists only those properties which 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 Central Office of the Division of Shellfish Safety and are available for reference until superseded by a subsequent resurvey 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 VPDES Permits and inspections are available at the Department of Environmental Quality, Tidewater Regional Office (DEQ/TRO).

SECTION C: NONSEWAGE WASTE SITES

OBJECTID	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
3027	75	R39	6/4/2019	INDUSTRIAL WASTES, direct	37.9195	-75.7293	19424 Saxis Road, Saxis, VA 23427	Shore Seafood business, soft crab packing, clam packing, oyster shucking and packing operation.		Business	Y	Discharge of waste water from Shore Seafood. Drainage discharges directly into Saxis Harbor and Starling Creek.	Accomack	RS
971	75	R1	5/16/2019	INDUSTRIAL WASTES, indirect	37.9889	-75.5401	3415 White Oak Way, New Church, VA 23415	Power plant, generating electricity. Three 2.2 million gallon fuel tanks on site.		Business	Y	Tye Energy, Inc., Commonwealth Chesapeake Peaker Center. Permit # VA0023078.	Accomack	RS
973	75	R2	5/16/2019	INDUSTRIAL WASTES, indirect	37.9770	-75.5382	30474 Energy Drive, New Church, VA 23415	Chemical storage and antifreeze production facilities.		Business	Y	KMX Chemical Corp. / Coastline Packaging Inc. Adjoining chemical production and storage facility or facilities located just beyond growing area boundary.	Accomack	RS
866	75	R4	6/10/2019	INDUSTRIAL WASTES, indirect	37.9931	-75.5734	28322 Holland Lane, New Church, VA 23415	Chemical storage of agricultural chemicals.		Agri	Y		Accomack	RS
4625	75	R46	6/18/2019	INDUSTRIAL WASTES, indirect	37.9774	-75.5375	30401 Energy Drive, New Church, VA 23415	Tobacco product manufacturing.	Conv	Business	Y	Sharp-Tech USA LLC. Facility with drainage into ditch that drains into Bullbeggar Creek. Permit # VAG250149	Accomack	RS
4608	75	R24	5/21/2019	SOLID WASTE DUMPSITE, indirect	37.9088	-75.5807	9312 Neal Parker Road, Temperanceville, VA 23442		NA	Public	N	Makemie Park Convenience and Recycling Center (Accomack County).	Accomack	RS
966	75	R26	5/24/2019	SOLID WASTE DUMPSITE, indirect	37.9133	-75.5840	28098 Saxis Road, Temperanceville, VA 23442	Business with one story tan vinyl office with salvage yard with scrap metal, junk cars, and engine parts.		Business	N	Bowser & Sons Salvage Company	Accomack	RS
4586	75	E48	6/10/2019	STORMWATER, direct	37.9395	-75.6709	7661-7327 Shad Landing Road, Sanford, VA 23426	Unidentified pipe from bulkhead.		Business	N	Cinderblock buildings used for storage, formerly a shellfish processing facility.	Accomack	EY
4615	75	R36	6/10/2019	STORMWATER, direct	37.9253	-75.7249	8435 Dennis Drive, Saxis, VA 23427	Dredge spoils deposit area.	NA	Public	Y	Drainage ditch and large outfall pipe draining directly into bay, drainage ditch surrounds dredge spoil deposit area.	Accomack	RS

SECTION E: CONTRIBUTES ANIMAL POLLUTION

OBJECTID	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
4587	75	E49	6/10/2019	CONTRIBUTES ANIMAL POLLUTION, direct	37.9352	-75.6337	Near end of Monument Road, Temperanceville, VA 23442	Flock over 100+ geese grazing		Agri		Exposed mud flats at low tide, on Holdens Creek.	Accomack	EY
870	75	R5	5/16/2019	CONTRIBUTES ANIMAL POLLUTION, direct	37.9864	-75.5774	28211 Brimer Road, New Church, VA 23415	At least 8 horses and other livestock with possible access to creek gut.		Dwelling	N		Accomack	RS
927	75	R27	5/24/2019	CONTRIBUTES ANIMAL POLLUTION, direct	37.9173	-75.5950	9069 Thompson Road, Temperanceville, VA 23442	4 poultry houses with close proximity to creek head.		Agri	N	Thompson Poultry Farm, VPG250086-1	Accomack	RS
4611	75	R32	5/24/2019	CONTRIBUTES ANIMAL POLLUTION, direct	37.9296	-75.6539	24045 Saxis Road, Temperanceville, VA 23442	At least 5 free range goats with direct access to drainage ditches.		Dwelling	NA	Drainage ditches lead directly to creek.	Accomack	RS
875	75	R3	5/16/2019	CONTRIBUTES ANIMAL POLLUTION, indirect	37.9793	-75.5427	30246 Farlow Road, New Church, VA 23415	18 poultry houses		Agri	N	Luu Farm, VPG250038-1 and Horsey Poultry Farm LLC, VAOC500006	Accomack	RS
974	75	R6	5/17/2019	CONTRIBUTES ANIMAL POLLUTION, indirect	37.9786	-75.5874	27534 Pitts Creek Road, New Church, VA 23415	25 or more sheep with horses in large pasture that slopes down to Pitts Creek.		Agri	N	Pastures drain into Pitts Creek.	Accomack	RS
873	75	R7	5/17/2019	CONTRIBUTES ANIMAL POLLUTION, indirect	37.9782	-75.5884	27458 Pitts Creek Road, New Church, VA 23415	20+ sheep in pasture.		Agri	N		Accomack	RS
908	75	R9	5/17/2019	CONTRIBUTES ANIMAL POLLUTION, indirect	37.9714	-75.6145	5190 Bullbeggar Road, New Church, VA 23415	Sheep in pasture on Bullbeggar Creek.	Conv	Dwelling	N		Accomack	RS
896	75	R10	5/17/2019	CONTRIBUTES ANIMAL POLLUTION, indirect	37.9688	-75.5785	5176 Tunnels Mill Road, New Church, VA 23415	Poultry houses.		Agri	N	Jan Trader Farm, permit # unknown	Accomack	RS
895	75	R11	6/10/2019	CONTRIBUTES ANIMAL POLLUTION, indirect	37.9734	-75.5741	5129 Holland Road, New Church, VA 23415	5 poultry houses.		Agri	N		Accomack	RS
877	75	R13	5/17/2019	CONTRIBUTES ANIMAL POLLUTION, indirect	37.9589	-75.5570	29359 Bayside Drive, New Church, VA 23415	Farm animals including at least six donkeys.		Dwelling	N		Accomack	RS
900	75	R14	5/17/2019	CONTRIBUTES ANIMAL POLLUTION, indirect	37.9477	-75.5535	6622 Holland Road, New Point, VA 23415	4 poultry houses.		Agri	N	Justice Poultry Farm Inc., VPG250082-1	Accomack	RS
4606	75	R15	5/17/2019	CONTRIBUTES ANIMAL POLLUTION, indirect	37.9399	-75.5503	30045 Withams Road, Oak Hall, VA 23416	16-20 sheep in multiple pastures.	Conv	Dwelling	N		Accomack	RS
907	75	R16	5/17/2019	CONTRIBUTES ANIMAL POLLUTION, indirect	37.9636	-75.5941	5703 Neal Parker Road, Oak Hall, VA 23416	6 poultry houses.	Conv	Agri	N	FPNA Farm, VAOC50004	Accomack	RS
909	75	R17	5/21/2019	CONTRIBUTES ANIMAL POLLUTION, indirect	37.9592	-75.6148	6072 Bullbeggar Road, New Church, VA 23415	5 poultry houses.		Agri	N	Calabria Poultry Farm, VPG250007-1	Accomack	RS

SUMMARY

Growing Area # 075
Pocomoke Sound
20 June 2019

SECTION B: SEWAGE POLLUTION SOURCES

1. SEWAGE TREATMENT FACILITIES

2 – DIRECT – # R43, R44

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.

2 – CONTRIBUTES POLLUTION, INDIRECT – # R22, R33

0 – CP (Kitchen or Laundry Wastes), DIRECT – None.

1 – CP (Kitchen or Laundry Wastes), INDIRECT – # R34

0 – NO FACILITIES, DIRECT – None.

2 – NO FACILITIES, INDIRECT – # R12, R29

5 – 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

1 – DIRECT – # R39

4 – INDIRECT – # R1, R2, R4, R46

5 – C.1. TOTAL

2. SOLID WASTE DUMPSITES

0 – DIRECT – None.

2 – INDIRECT – # R24, R26

2 – C.2. TOTAL

3. STORMWATER OUTFALLS

2 – DIRECT – # E48, R36

0 – INDIRECT – None.

2 – E. TOTAL

SECTION D: BOATING ACTIVITY

1 – MARINAS – # R42

3 – OTHER PLACES WHERE BOATS ARE MOORED – # R8, R40, R41

0 – UNDER SURVEILLANCE – None.

4 – D. TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION

4 – DIRECT – # E49, R5, R27, R32

21 – INDIRECT – # R3, R6, R7, R9, R10, R11, R13, R14, R15, R16, R17, R18, R19, R20, R21, R23, R25, R28, R30, R31, R35

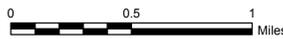
25 – E. TOTAL

Virginia Department of Health
Division of Shellfish Sanitation

Pocomoke River
075
Shoreline Sanitary Survey

Accomack County

Date: 20 June 2019
Survey By: R.C. Sneed, B.T. Charnock,
& E.M. Yeagan
Number of Properties Surveyed and
Near Shore Samples Collected: 150



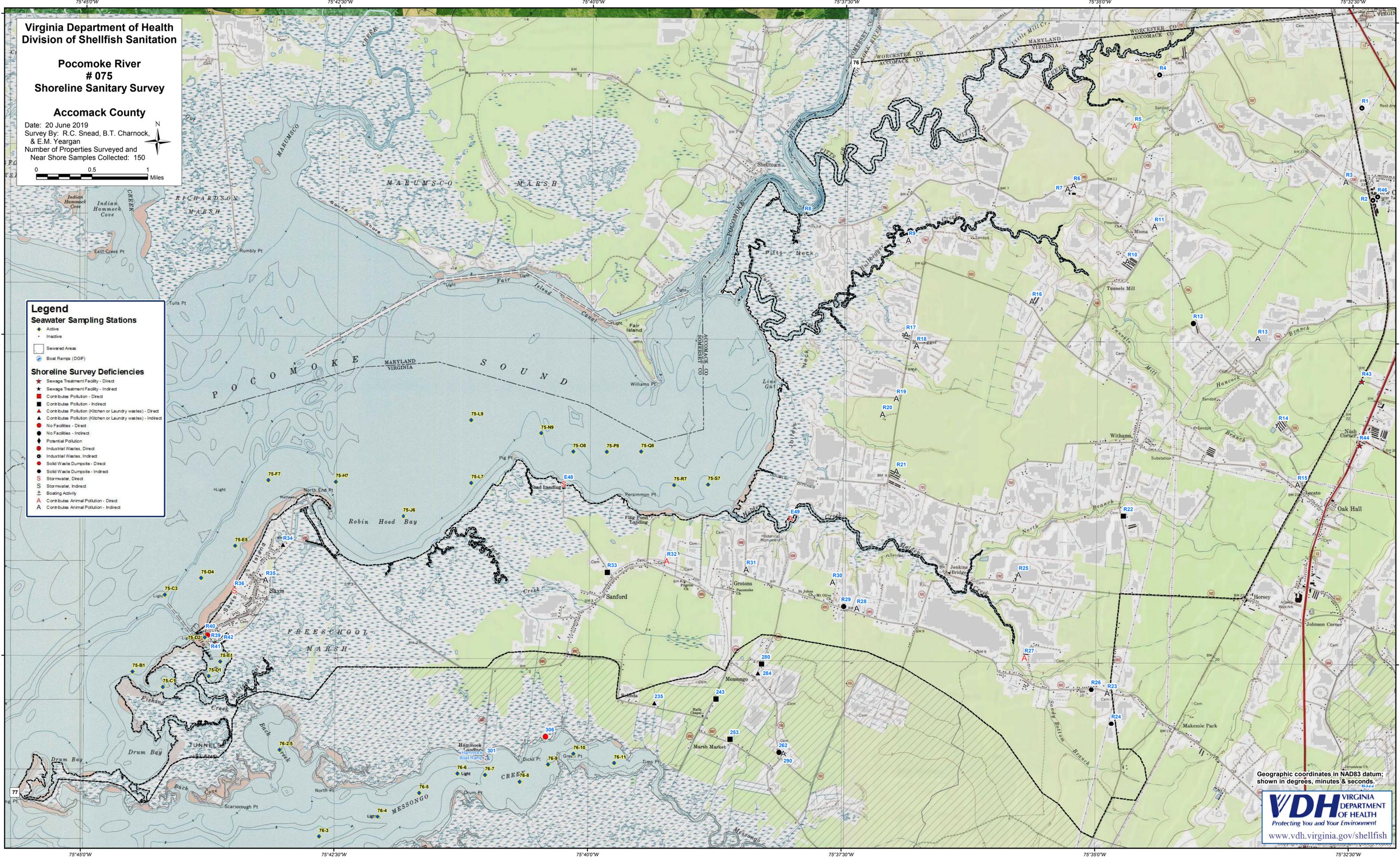
Legend

Seawater Sampling Stations

- Active (Blue diamond)
- Inactive (Black diamond)

Shoreline Survey Deficiencies

- Sewage Treatment Facility - Direct (Red star)
- Sewage Treatment Facility - Indirect (Black star)
- Contributes Pollution - Direct (Red square)
- Contributes Pollution - Indirect (Black square)
- Contributes Pollution (Kitchen or Laundry wastes) - Direct (Red triangle)
- Contributes Pollution (Kitchen or Laundry wastes) - Indirect (Black triangle)
- No Facilities - Direct (Red circle)
- No Facilities - Indirect (Black circle)
- Potential Pollution (Black diamond)
- Industrial Wastes - Direct (Red circle)
- Industrial Wastes - Indirect (Black circle)
- Solid Waste Dumpsite - Direct (Red circle)
- Solid Waste Dumpsite - Indirect (Black circle)
- Stormwater - Direct (Red circle)
- Stormwater - Indirect (Black circle)
- Boating Activity (Red circle)
- Contributes Animal Pollution - Direct (Red circle)
- Contributes Animal Pollution - Indirect (Black circle)



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



Near-Shore Enterococcus Sampling Growing Area # 075 - Pocomoke River

* Highest vale was .1396 collected on September 27, 2018.

Legend

Enterococcus spp. (CFU/100ml)

EnteroVal

- 0 - 10
- 11 - 100
- 101 - 1000
- 1001 - 10000
- > 10001

