



**COMMONWEALTH of VIRGINIA  
DEPARTMENT OF HEALTH  
DIVISION OF SHELLFISH SANITATION**

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**STUTTS, QUEENS, AND WHITES CREEKS  
Growing Area # 037  
Mathews County  
Shoreline Sanitary Survey**

**Date:** 25 June 2018

**Survey Period:** January 18, 2018- May 10, 2018

**Number of Properties Surveyed and Samples Analyzed:** 343

**Surveyed By:** R.M. Thomas, W.A. McCarty III, & W.I. Barrack III

**SECTION A: GENERAL**

This survey area extends from Reference Point 37 at Iron Point to Reference Point 38 at the end of Rt. 645 including the Chesapeake Bay shoreline between these two points, Godfrey Bay (Chapel Creek), Hills Bay, Queens Creek, (Kenny Creek, Miller Cove), Winder Creek, The Narrows, Middle Grounds, Milford Haven, Lanes Creek, Stutts Creek, (Callis Creek, Morris Creek, Hudgins Creek), Billups Creek, Whites (Stoakes Creek, Back Creek), and all of their tributaries.

The topography of the area varies in elevations from 5' or less along the shoreline to a maximum of 35' at the northwestern edge of the survey boundary. The economy of Mathews County is primarily based on health care, retail trade, manufacturing and construction. According to a 2016 US census bureau study, the median household income is \$63,157 with a current unemployment rate of 3.8%. Since the previous survey, the population of Mathews County has shown a 2.2% decline with an estimated population of 8,782.

Meteorological data indicated that the area received a total rainfall of 11.42" for the survey period. A monthly breakdown is as follows:

January 18-31	2.25"	February	1.95"	March	3.63"	April	2.54"	May 1-10	1.05"
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Mathews County enacted a septic pump out requirement in concurrence with the Chesapeake Bay Act. The following statement and additional information regarding onsite regulations can be found on the county website [www.co.mathews.va.us](http://www.co.mathews.va.us).

*The County of Mathews, in accordance with section 22.10(7) (Chesapeake Bay Preservation Overlay District) of the Mathews County Zoning Ordinance, has initiated a program requiring that all on-site sewage disposal systems (septic systems) be pumped out at least once every five (5) years. As alternatives to this*

*pump out requirement, septic system owners may elect to have an effluent filter installed in the outflow pipe from the septic system or submit documentation, every five (5) years, from a licensed sewage handler explaining that the system has been inspected, is functioning proper and does not need to be pumped out.*

At the beginning of the survey, inspectors reviewed the available literature from prior reports, public works and online resources to characterize land use, drainage patterns, and established nearshore seawater stations. Properties identified in the previous survey as having sanitary deficiencies or other environmental significance were revisited to evaluate their current status. All roadways and navigable shoreline within the survey boundary were visually inspected to identify potential pollution sources requiring further investigation.

Nearshore seawater stations were established to survey the full extent of waters beyond routine classification stations. Stations were created in closer proximity to the shoreline and farther upstream than routine stations and are intended to evaluate drainage entry points of potential pollution sources. Station data were analyzed to compare relative concentrations of fecal indicator bacteria within the waterway to identify potential onshore sources of contamination. Areas with elevated concentrations of fecal indicator bacteria were surveyed onshore using a property by property approach. Surveyors interviewed occupants and examined properties for evidence of pollution sources within the immediate watershed. Maps of the Enterococcus special sampling are shown at the conclusion of this report.

Copies of Bacteriological and Shellfish Closure data are available at the area office for review. This report lists only those properties that have a sanitary deficiency or other environmental significance. "DIRECT" indicates that the significant activity or deficiency has a direct impact on shellfish waters. Data in this 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).

Copies of the current condemnation notices and maps are available via the Internet at [www.vdh.virginia.gov/shellfish/](http://www.vdh.virginia.gov/shellfish/).

## SECTION B: SEWAGE POLLUTION SOURCES

[illegible]

## SECTION C: NONSEWAGE WASTE SITES

[illegible]

## SECTION D: BOATING ACTIVITY

OBJECTID	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
1304	37	W6	4/4/2018	BOATING ACTIVITY	37.4849	-76.3353	321 Walnut Acres Ln, Hudgins, VA 23076	Available on site are seasonal slips/moorings, electricity, water, solid waste containers, restrooms, dump station and sewage holding tank pump out facilities.	Conv	Marine	N	Queens Creek Marina	Mathews	Marina	40	8	18	N	WB
1313	37	W8	4/4/2018	BOATING ACTIVITY	37.4883	-76.3079	249 Mill Point Rd, Hudgins, VA 23076	Available on site are 2 transient moorings, 170+ dry storage spaces, fuel, water, electricity, repair, soiled waste containers, restrooms, dump station and sewage holding tank pumpout facilities.	Conv	Marine	Y	Morning Star Marina	Mathews	Marina	2	0	2	N	WB
1321	37	W12	4/4/2018	BOATING ACTIVITY	37.4760	-76.2931	Adjacent to 1201 Point Breeze Rd, Hudgins, VA 23076	Available on site are seasonal slips/moorings, 3 dry storage spaces, ramp, electricity, water and solid waste containers. Owner has restroom facilities available for use at 1201 Point Breeze Rd.	Conv	Marine	N	Gerald Condrey boat ramp	Mathews	Marina	13	2	7	N	WB
1326	37	W15	4/24/2018	BOATING ACTIVITY	37.4630	-76.3095	390 Yacht Club Drive, Mathews, VA 23109	Available on site are 57 seasonal slips/moorings, fuel, ramp, electricity, water, solid waste containers, restrooms and sewage holding tank pump out facilities.	Conv	Marine	N	Mathews Yacht Club, Inc.	Mathews	Marina	57	4	15	N	WB
1335	37	W20	4/13/2018	BOATING ACTIVITY	37.4517	-76.2770	985 Lily's Neck Rd, Moon, VA 23119	Private boat harbor. Available on site are seasonal slips/moorings, ramp, electricity, water, solid waste containers and restroom facilities.	Conv	Marine	N	Ruth Down's Harbor	Mathews	Marina	15	0	0	N	WB
1336	37	W21	4/13/2018	BOATING ACTIVITY	37.4499	-76.2746	376 Beaumer Rd, Moon, VA 23119	Private boat harbor. Available on site are seasonal slips/moorings, ramp, electricity, water and solid waste containers. Restroom facilities located at residences.	NA	Marine	N	Beauregard Turner Pier	Mathews	Marina	13	3	0	N	WB
3120	37	W7	4/4/2018	BOATING ACTIVITY	37.4880	-76.3086	63 Mill Point Road, Hudgins, VA 23076	U.S. Coast Guard patrol boat base. Available on site are seasonal slips/moorings, fuel, ramp, electricity, repair, water, restrooms and solid waste containers.	Conv	Business	Y	United States Coast Guard	Mathews	OPWBAM	2	0	2	N	WB
3053	37	W9	4/4/2018	BOATING ACTIVITY	37.4875	-76.3009	536 Mill Point Rd, Hudgins, VA 23076	Commercial Shellfish Processing Plant VA 889SP.	Conv	Business	Y	Sea Farms, Inc.	Mathews	OPWBAM	5	0	1	N	WB

## SECTION D: BOATING ACTIVITY

[illegible]

## SECTION E: CONTRIBUTES ANIMAL POLLUTION

[illegible]

## SUMMARY

Growing Area # 037  
STUTTS, QUEENS, AND WHITES CREEKS  
25 June 2018

### SECTION B: SEWAGE POLLUTION SOURCES

#### 1. SEWAGE TREATMENT FACILITIES

1 – DIRECT – # W25  
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.

0 – CONTRIBUTES POLLUTION, DIRECT – None.  
0 – CONTRIBUTES POLLUTION, INDIRECT – None.  
0 – CP (Kitchen or Laundry Wastes), DIRECT – None.  
1 – CP (Kitchen or Laundry Wastes), INDIRECT – # W13  
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 – # W26, W27, W28  
0 – INDIRECT – None.  
3 – C.1. TOTAL

#### 2. SOLID WASTE SITES

0 – DIRECT – None.  
0 – INDIRECT – None.  
0 – C.2. TOTAL

#### 3. STORMWATER OUTFALLS

0 – DIRECT – None.  
0 – INDIRECT – None.  
0 – E. TOTAL

### SECTION D: BOATING ACTIVITY

6 – MARINAS – # W6, W8, W12, W15, W20, W21  
4 – OTHER PLACES WHERE BOATS ARE MOORED – # W7, W9, W14, W18  
5 – UNDER SURVEILLANCE – # W2, W3, W4, W5, W24  
15– D. TOTAL

### SECTION E: CONTRIBUTES ANIMAL POLLUTION

0 – DIRECT – None.  
8 – INDIRECT – # W1, W10, W11, W16, W17, W19, W22, W23  
8 – E. TOTAL

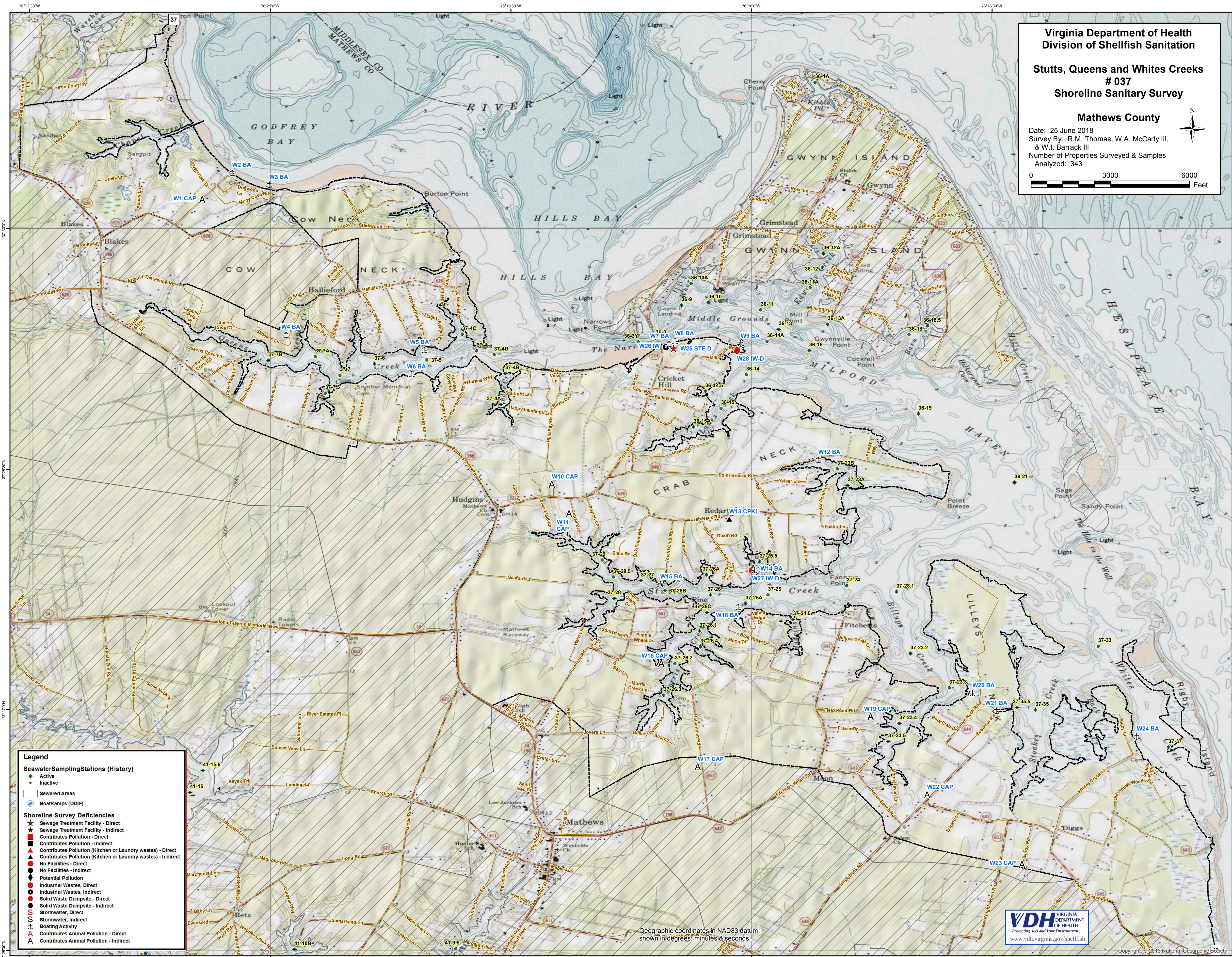


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**Legend**

**Seawater Sampling Stations (History)**

- Active (Blue dot)
- Inactive (Grey dot)

**Shoreline Survey Deficiencies**

- Sewerage Treatment Facility - Direct (Star)
- Sewerage Treatment Facility - Indirect (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 (Red circle with dot)
- Industrial Wastes, Direct (Red circle with dot)
- Industrial Wastes, Indirect (Black circle with dot)
- Solid Waste Dumpsite - Direct (Red circle with dot)
- Solid Waste Dumpsite - Indirect (Black circle with dot)
- Stormwater, Direct (Red circle with dot)
- Stormwater, Indirect (Black circle with dot)
- Boating Activity (Red circle with dot)
- Contributes Animal Pollution - Direct (Red circle with dot)
- Contributes Animal Pollution - Indirect (Black circle with dot)

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

