



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

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**GWYNN ISLAND**  
**Growing Area #036**  
**Mathews County**  
**Shoreline Sanitary Survey**

**Date:** 15 October 2014  
**Survey Period:** October 10, 2013 – September 25, 2014  
**Total Number of Properties Surveyed:** 767  
**Surveyed By:** R.M. Thomas

**SECTION A: GENERAL**

This survey area begins at the drawbridge located at the northern end of State Route 223, Cricket Hill Road, and proceeds in a clockwise direction, and includes all properties along the perimeter of Gwynn Island shoreline, and includes all properties and tributaries within the perimeter, and ends at the drawbridge.

The topography of the area surveyed ranges from the shoreline, to 10' at the highest elevation within the interior boundary. The economy on the island is based on boating/recreational facilities, the seafood industry, and tourism.

The most current population figure available for Mathews County was approximately 9194.

Meteorological data indicated that 45.4" of rain fell during the survey period. A monthly breakdown of rainfall is as follows:

Oct. 10-31	2.77"	November	2.41"	December	5.66"
January	3.17"	February	2.83"	March	3.72"
April	6.32"	May	3.72"	June	2.97"
July	4.01"	August	3.45"	Sept. 1-25	4.37"

One sewage treatment facility was found, which serves the Narrows Marina and Marine Repair. Also found during the survey were 3 on-site deficiencies, 1 industrial site, 1 solid waste site, 15 boating activity sites, and 1 site marked for animal pollution.

*The Commonwealth of Virginia, under Code Section 9VAC 10-20-120.7, specifies that onsite sewage treatment systems not requiring a Virginia Pollutant Discharge Elimination System (VPDES) permit shall:*

- a. *Have pump-out accomplished for all systems at least once every five years.*
  - (1) *If deemed appropriate by local health department and subject to conditions the local health department may set, local governments may offer to the owners of such system, as an alternative to the mandatory pump-out, the option of having a plastic filter installed and maintained in the outflow pipe from the septic tank to filter solid material from the effluent while sustaining adequate flow to the drainfield to permit normal use of the*

*septic system. Such a filter should satisfy standards established in the Sewage Handling and Disposal regulations (12VAC5-610) administered by the Virginia Department of Health.*

*(2) Furthermore, in lieu of requiring proof of septic tank pump-out every five years, local governments may allow owners of on-site sewage treatment systems to submit documentation every five years, certified by a sewage handler permitted by the Virginia Department of Health, that the septic system has been inspected, is functioning properly, and the tank does not need to have the effluent pumped out of it.*

Copies of Bacteriological, Hydrographic and Shellfish Closure data are available at the White Stone office for review. Copies of current condemnation notices, maps and a spreadsheet showing corrected **deficiencies** are available via the internet at [www.vdh.virginia.gov/shellfish/](http://www.vdh.virginia.gov/shellfish/).

This report lists only those properties that have a sanitary deficiency or may have other environmental significance. **DIRECT** indicates that the significant activity or deficiency may have 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.

## **SECTION B: SEWAGE POLLUTION SOURCES**

### **SEWAGE TREATMENT FACILITIES**

3. Narrows Marina and Marine Repair. Location: 85 and 27 Old Ferry Road, Grimstead 23066. Owner: Preston Jenkins PO Box 340, Grimstead 23064. The STF (currently serving the Marina and Marine Repair Facility) consists of an influent lift station, Aer-O-Flow package plant, an absorption field which is 150' from the Narrows at a 3' elevation, sludge holding tanks, and a sludge drying bed. The unit was designed to treat 15,400 GPD.

### **ON-SITE DEFICIENCIES**

7. **DIRECT** – CONTRIBUTES POLLUTION - Location: 551 Buckschase Road, Gwynn 23066. Gwynn's Island Resort Campground. Cracked lids on holding tanks approximately 70' from Chesapeake Bay. Sanitary Notice issued on 3/21/2014 to Field # 389. Tax Map # 12A 1 13. New lids were installed prior to end of survey.
14. **DIRECT** – CONTRIBUTES POLLUTION - Location: 404 Risby Town Road, Gwynn 23066. Dwelling - 1 story white frame. Effluent over tank 40' from Milford Haven shoreline. Sanitary Notice issued on 8/15/2014 to Field # 694. Tax Map # 11A3 176 116.

**DIRECT** – CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Sink line at rear of house disconnected, with 4" line ending open to marsh leading to Milford Haven. Owner has permit to repair system which is in progress.

### **POTENTIAL POLLUTION**

-None-

## SECTION C: NON-SEWAGE WASTE SITES

-None-

### INDUSTRIAL WASTES

13. **DIRECT** – Location: 407 Risby Town Road, Mailing address: PO Box 10, Gwynn 23066. Crabmeat processing plant, VA215C. 16 employees. Processing and washdown wastes discharge into Milford Haven under General Permit # VAG524053 with expiration date 22 July 2016.

### SOLID WASTE SITES

15. Hudgins Welding and Metal Fabricators. Location: 1186 Old Ferry Road, Grimstead 23064. No contact. Approximately 20 cars, trucks, buses, and boats are scattered over one acre.

## SECTION D: BOATING ACTIVITY

### MARINAS

2. Narrows Marina. Location: 85 Old Ferry Road, Mailing address: PO Box 340, Grimstead 23064. Manager: Preston Jenkins. Services available are fuel, electricity, water, sewage holding tank pump-out, solid waste containers, restroom facilities, repair service, 145 slips, and an in-out ramp.

### OTHER PLACES WHERE BOATS ARE MOORED

9. Edwards Marine Railway. Location: 768 S. Bay Haven Drive, Gwynn 23066. Manager: Bobby Edwards. Services include repair, electricity, water, and a privy. Owner has an exemption to the requirement to provide boat holding tank pump-out facilities.
11. Powell's Boat Yard. Location: 67 Powell Lane, Grimstead 23064. Manager: Winnifred Powell. Services include water and electricity. Records indicate that boats on-site are owned by family members who have access to restroom facilities.
12. Location: 173 Powell Lane. PO Box 210, Gwynn 23066. Manager: Franklin Furey. Services include repair and restroom facilities.
16. Gwynn's Island Condominiums. Location: 375 Callis Wharf Road, Grimstead 23064. Manager: Lou Lawrence. Services include electricity and water to residents who reside at the condominiums.
19. Mathews Maritime Foundation and Rionholdt. Location: 616 Old Ferry Road, Grimstead 23064. Services available are water, electricity, repair, and restrooms.

### UNDER SURVEILLANCE

1. Location: 244 Old Ferry Road, Grimstead 23064. Private dock/crabbing facility.
5. Cherry Point Property Owners Association (C.P.P.O.A.). Location: Next to 90 Gaten Road. Private dock and in-out ramp for residents.

6. Gwynn's Island E. Property Owners Association (G.I.E.P.O.A.). Location: On Pine Road off East Shore Drive. Private dock and in-out ramp for residents.
8. Gwynn's Island RV Resort, LLC. Location: 551 Buckschase Road, Gwynn 23066. Services available are loading dock, in-out ramp, and restroom facilities for campers.
10. Edwards Creek Public Boat Dock. Location: Off Route 672 at the end of Edwards Landing Road. Public dock used for loading, unloading and emergency mooring.
13. Island Seafood Company. Location: 407 Risby Town Road, Gwynn 23066. Services provided are a loading/unloading dock and restroom facilities.
17. Gwynn's Island Seafood. Location: 427 Callis Wharf Road, Grimstead 23064. Commercial fishing operation. Dock used for loading/ unloading and mooring.
18. Location: 111Wharf Creek Road, Grimstead 23064. Private dock with restroom facilities, electricity, and water available.
20. Wharf Creek Public Boat Dock. Location: Off Route 223, nest to Seabreeze restaurant. Public dock with loading/unloading pier and in-out ramp. 25 spaces adjacent to restaurant are available to park vehicles and trailers.

#### **SECTION E: CONTRIBUTES ANIMAL POLLUTION**

4. ***DIRECT*** – Location: 499 Cherry Point Road, Grimstead 23064. Dwelling - 1 story, tan with green shutters and brown shingles. No contact. 14 hunting dogs. Kennel is <20' at 6' elevation from marsh leading to Kibble Pond.

## SUMMARY

Growing Area # 036  
Gwynn Island  
15 October 2014

### SECTION B: SEWAGE POLLUTION SOURCES

#### 1. SEWAGE TREATMENT FACILITIES

- 0 – DIRECT – None.
- 1 – INDIRECT – # 3
- 1 – B.1. TOTAL

#### 2. ON-SITE SEWAGE DEFICIENCIES – Correction of deficiencies in this section is the responsibility of the local health department.

- 2 – CONTRIBUTES POLLUTION, DIRECT – # 7, 14
- 0 – CONTRIBUTES POLLUTION, INDIRECT – None.
- 1 – CP (Kitchen or Laundry Wastes), DIRECT – #14
- 0 – CP (Kitchen or Laundry Wastes), INDIRECT – None.
- 0 – NO FACILITIES, DIRECT – None.
- 0 – 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

- 1 – DIRECT – # 13
- 0 – INDIRECT – None.
- 1 – C.1. TOTAL

#### 2. SOLID WASTE SITES

- 0 – DIRECT – None.
- 1 – INDIRECT – #15
- 1 – C.2. TOTAL

### SECTION D: BOATING ACTIVITY

- 1 – MARINAS – # 2
- 5 – OTHER PLACES WHERE BOATS ARE MOORED – # 9, 11, 12, 16, 19
- 9 – UNDER SURVEILLANCE – # 1, 5, 6, 8, 10, 13, 17, 18, 20
- 15 – D. TOTAL

### SECTION E: CONTRIBUTES ANIMAL POLLUTION

- 1 – DIRECT – # 4
- 0 – INDIRECT – None
- 1 – E. TOTAL

76°19'0"W

76°18'0"W

76°17'0"W

37°31'0"N

37°31'0"N

37°30'0"N

37°30'0"N

37°29'0"N


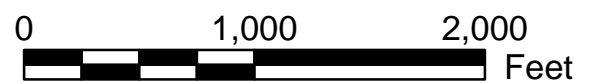
37°29'0"N

**Virginia Department of Health**  
**Division of Shellfish Sanitation**

**Gwynn Island**  
**# 036**  
**Shoreline Sanitary Survey**

**Mathews County**

Date: 15 October 2014  
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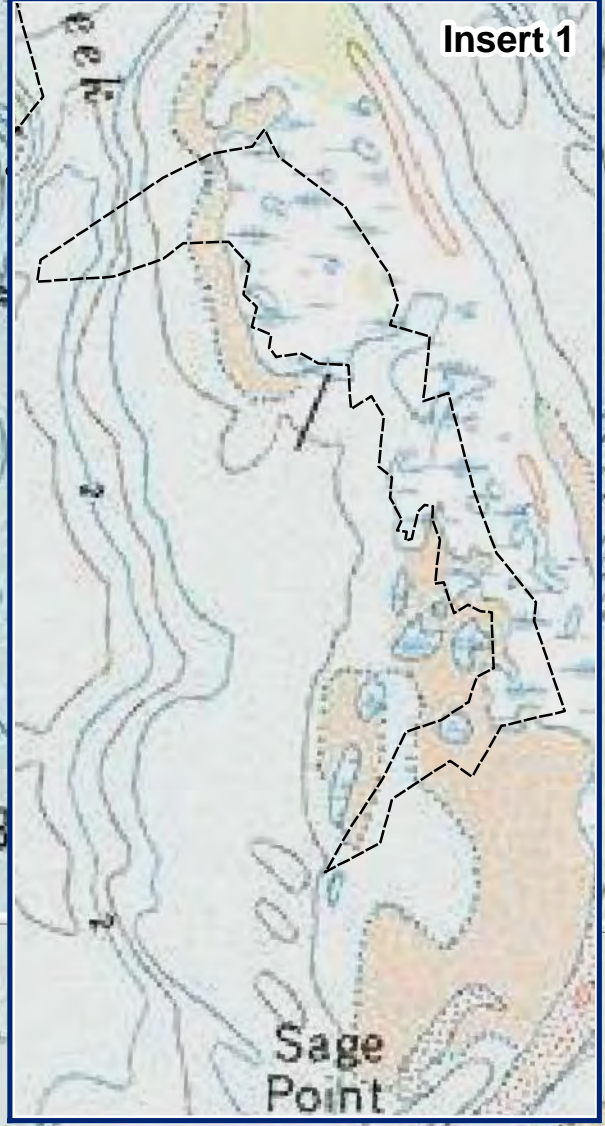
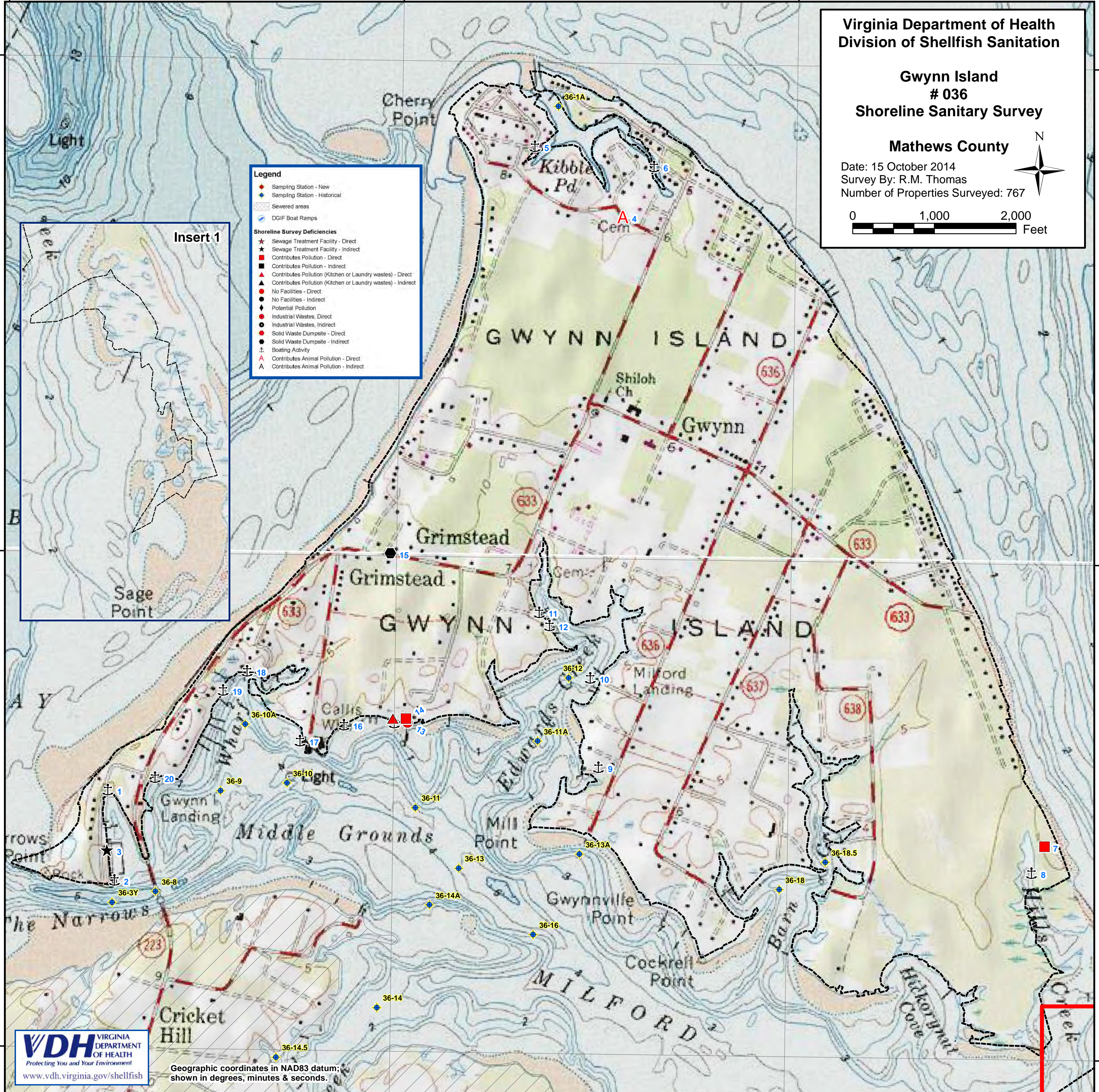
**Legend**

- ◆ Sampling Station - New
- ◆ Sampling Station - Historical
- ▨ 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

**Insert 1**

**VDH** VIRGINIA DEPARTMENT OF HEALTH  
 Protecting You and Your Environment  
[www.vdh.virginia.gov/shellfish](http://www.vdh.virginia.gov/shellfish)

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

76°18'0"W

76°17'0"W