



# **COMMONWEALTH of VIRGINIA**

## **Department of Health DIVISION OF SHELLFISH SANITATION**

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### **OCEAN VIEW – WILLOUGHBY Growing Area # 067 Shoreline Sanitary Survey City of Norfolk**

**Date:** 13 February 2009  
**Survey Period:** February 12-13, 2009  
**Total Number of Properties Surveyed:** 1  
**Surveyed By:** J.D. Dickerson

#### **SECTION A: GENERAL**

This survey area extends from Reference Point 68 at the western end of the Hampton Roads Bridge Tunnel (east end of Ocean View Avenue) to Reference Point 69 located at the end of Chesapeake Street extending to the waters edge, including all of the southern Chesapeake Bay shoreline between these two points.

The topography of the area is predominately flat with elevations not exceeding 15-20 feet. The survey area is almost entirely residential with some commercial development located along Ocean View Avenue. The entire area is served by Hampton Road Sanitation District (HRSD) sewage system. Within the survey area are 4 HRSD pump stations. The location of these pump stations are included in a separate attachment to this report. This information was obtained thru HRSD web site. The City of Norfolk is in the final stages of a project involving the replacement and rehabilitation of existing water and sanitary sewer components along Ocean View Avenue between 5<sup>th</sup> View and 8<sup>th</sup> View Avenues. The economy of the area is based on local service industries, military installations and seasonal water recreation. Located within the survey boundary is Ocean View Fishing Pier, several public bay front parks and Ocean View Golf Course.

The city of Norfolk maintains 17 permitted storm water outfalls within the survey boundary that consist of a 3' diameter pipe discharging at the low tide level into the Chesapeake Bay. The locations of these discharges are shown in a separate attachment to this report

There was 0" of rainfall on the day of the survey.

There are currently no restrictions on shellfish harvesting in the survey area. 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 <http://www.vdh.virginia.gov/oehs/shellfish/>.

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.

*There were no deficiencies or significant properties documented with this survey.*

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

### **SEWAGE TREATMENT FACILITIES**

-None-

### **ON-SITE SEWAGE DEFICIENCIES**

-None-

## **SECTION C: NON-SEWAGE WASTE SITES**

### **INDUSTRIAL WASTES**

-None-

### **SOLID WASTE DUMPSITES**

-None-

## **SECTION D: BOATING ACTIVITY**

### **MARINAS**

-None-

### **OTHER PLACES WHERE BOATS ARE MOORED**

-None-

### **UNDER SURVEILLANCE**

-None-

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

-None-

## SUMMARY

Area # 067  
Ocean View-Willoughby  
13 February 2009

### SECTION B: SEWAGE POLLUTION SOURCES

#### 1. SEWAGE TREATMENT FACILITIES

- 0 – DIRECT – None
- 0 – INDIRECT – None
- 0 – 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
- 0 – CP (Kitchen or Laundry Wastes), INDIRECT – None
- 0 – NO FACILITIES, DIRECT – None
- 0 – NO FACILITIES, INDIRECT – None
- 0 – 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

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

#### 2. SOLID WASTE DUMPSITES

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

### SECTION D: BOATING ACTIVITY

- 0 – MARINAS – None
- 0 – OTHER PLACES WHERE BOATS ARE MOORED – None
- 0 – UNDER SURVEILLANCE – None
- 0 – D. TOTAL

### SECTION E: CONTRIBUTES ANIMAL POLLUTION

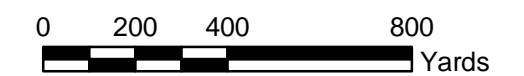
- 0 – DIRECT – None
- 0 – INDIRECT – None
- 0 – E. TOTAL

Virginia Department of Health  
Division of Shellfish Sanitation

Ocean View - Willoughby  
# 067  
Shoreline Sanitary Survey

City of Norfolk

Date: 13 February 2009  
Survey By: J.D. Dickerson  
Number of Properties Surveyed: 1



76°18'0"W 76°17'0"W 76°16'0"W 76°15'0"W

36°58'0"N

36°58'0"N

36°57'0"N

36°57'0"N

**Legend**

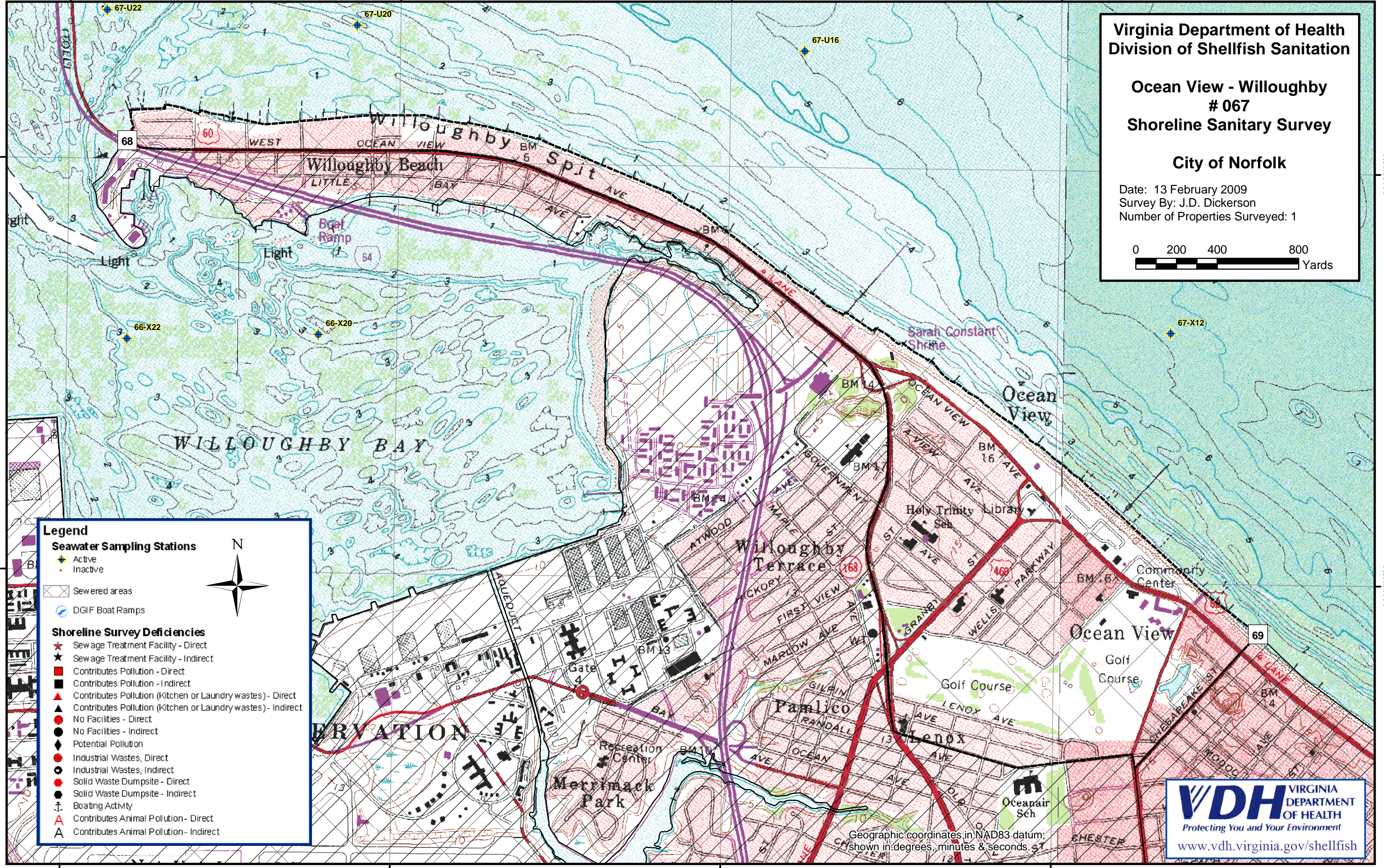
**Seawater Sampling Stations**

- Active
- Inactive

**Shoreline Survey Deficiencies**

- Sewerage Treatment Facility - Direct
- Sewerage 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

Other symbols: Sewered areas, DGIF Boat Ramps, North arrow.



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

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

76°18'0"W 76°17'0"W 76°16'0"W 76°15'0"W