



## COMMONWEALTH of VIRGINIA

*Department of Health*  
*DIVISION OF SHELLFISH SANITATION*  
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### **CHESAPEAKE BAY: ELLIOTS CREEK TO CAPE CHARLES POINT Northampton County Shoreline Sanitary Survey # 091**

**Date:** 27 November 2013  
**Survey Period:** November 12 – November 25, 2013  
**Total Number of Properties Surveyed:** 320  
**Surveyed By:** R.F. Sloan

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

The survey area extends from Reference Point 91 at the end of Route 1901 (extended) to Reference Point 92 at the center of the Chesapeake Bay Bridge Tunnel at Wise Point, including the Chesapeake Bay shoreline between these two points, Pond Drain, Devils Ditch, and all of their tributaries. See map for current survey boundary.

Elevations in the area rise sharply from the shoreline beaches to 25'-50' before leveling off at approximately 30'-40' throughout the survey area. The economy is based primarily on agriculture, seafood, and tourism. Population is sparse, except for the small community of Cheapside.

Meteorological data indicated that a total rainfall of .20" during the survey period. A monthly breakdown is as follows:      November 12-25      0.20"

Copies of Bacteriological, Hydrographic and Shellfish Closure data are available at the area office for review. Currently there are no restrictions on harvesting of shellfish in this area. Copies of *all other current condemnation notices and maps* are available via the internet at [www.vdh.virginia.gov/shellfish/](http://www.vdh.virginia.gov/shellfish/).

Information in this report is gathered by and primarily for use of the Division of Shellfish Sanitation, Virginia Department of Health, in order to fulfill its responsibilities of shellfish growing area supervision and classification. 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.

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are on file in the Richmond Office of the Division of Shellfish Sanitation and are available for reference until superseded by a subsequent survey of the area.

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

### **SEWAGE TREATMENT FACILITIES**

7. Sunset Beach Inn, 32246 Lankford Highway, Cape Charles 23310. Business – 81 room motel with 94 RV camper hookup sites and restaurant seating for 120. Permit #VPA01058. Facility consists of a Yeoman's activated sludge package plant with a bar screen and comminutor, aeration tank, chlorine contact tank, a berm enclosed lined free water surface wetland, and a berm enclosed unlined terminal wetland. There is no designed discharge as all treated water infiltrates the soil at the terminal wetland. This treatment plant has a design capacity of 20,000 gpd. See the Engineering Appendix for the most recent inspection report of this facility.

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

1. CONTRIBUTES POLLUTION – 3474 Smaw Drive, Townsend, 23343. Dwelling – white vinyl siding 1 story. No contact. Pit privy is in disrepair with contents exposed. Sanitary Notice issued on 11-19-13 to Field # 60.
2. CONTRIBUTES POLLUTION – 3471/3473 Justin Lane, Townsend, 23343. Dwelling – tan vinyl siding 2 story duplex. No contact. Septic tank riser lid is cracked with contents exposed. Sanitary Notice issued on 11-19-13 to Field # 64.
3. CONTRIBUTES POLLUTION – 29444/29448/29452 Ryan Lane, Townsend, 23343. Dwelling – tan vinyl siding 2 story triplex. No contact. Septic tank riser lid is cracked with contents exposed. Sanitary Notice issued on 11-19-13 to Field # 66.
4. CONTRIBUTES POLLUTION – 29464/29468 Ryan Lane, Townsend, 23343. Dwelling – tan vinyl siding 2 story duplex. No contact. Septic tank riser lid is not secure with contents exposed. Sanitary Notice issued on 11-19-13 to Field # 68.
5. CONTRIBUTES POLLUTION – 3492/3494 Justin Lane, Townsend, 23343. Dwelling – tan vinyl siding 2 story duplex. No contact. Septic tank riser lid is cracked and patched with duct tape. Sanitary Notice issued on 11-19-13 to Field # 70.
8. CONTRIBUTES POLLUTION – Best Western Sunset Inn, 32246 Lankford Highway, Cape Charles 23310. Business – empty RV camper hookup site # 17. No contact. No cap on camper sewage hookup pipe. Sanitary Notice issued on 11-25-13 to Field # 272.
9. CONTRIBUTES POLLUTION – Best Western Sunset Beach Resort, 32246 Lankford Highway, Cape Charles 23310. Business – empty RV camper hookup site # 54. No contact. No cap on camper sewage hookup pipe. Sanitary Notice issued on 11-25-13 to Field # 291.
10. CONTRIBUTES POLLUTION – Best Western Sunset Beach Resort, 32246 Lankford Highway, Cape Charles 23310. Business – empty RV camper hookup site # 22. No contact. No cap on camper sewage hookup pipe. Sanitary Notice issued on 11-25-13 to Field # 307.

### **POTENTIAL POLLUTION**

-None-

## **SECTION C: NONSEWAGE WASTE SITE**

### **INDUSTRIAL WASTES**

11. ***DIRECT*** – Chesapeake Bay Bridge Tunnel Corporation, PO Box 111, Cape Charles 23319. Business – equipment maintenance shop. 20 plus employees. Washdown from garage discharge through pipe into ditch which drains to Chesapeake Bay. There is a VPDES # VA0006203 for discharges from the two tunnels but it does not include this discharge.

### **SOLID WASTE DUMPSITE**

-None-

## **SECTION D: BOATING ACTIVITY**

### **MARINAS**

-None-

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

-None-

### **UNDER SURVEILANCE**

6. Kiptopeke State Park, 3450 Kiptopeke Drive, Cape Charles 23310. Public – boat ramp and fishing pier. 0 slips/moorings. There were several boat trailers in parking lot at time of survey. The only boating service provided is a boat ramp. Sanitary facilities provided are 1 toilet, 1, urinal, 1 lavatory, and 1 privy for men, and 1 toilet, 1 lavatory, and 1 privy for women. Sewage disposal is by septic tank with drainfield, which appeared to be working at time of inspection. There are no boat holding tank pump-out facilities provided at this location.

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

-None-

## SUMMARY

Growing Area # 091  
Chesapeake Bay: Elliotts Creek to Cape Charles Point  
27 November 2013

### SECTION B: SEWAGE POLLUTION SOURCES

#### 1. SEWAGE TREATMENT FACILITIES

0 – DIRECT – None  
1 – INDIRECT – # 7  
1 – 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  
8 – CONTRIBUTES POLLUTION, INDIRECT – #1, 2, 3, 4, 5, 8, 9, 10  
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  
8 – 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 – # 11  
0 – INDIRECT – None  
1 – 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  
1 – UNDER SURVEILLANCE – # 6  
1 – D. TOTAL

### SECTION E: CONTRIBUTES ANIMAL POLLUTION

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

