COMMONWEALTH of VIRGINIA
Department of Health
DIVISION OF SHELLFISH SANITATION
109 Govenor Street, Room 614-B
Richmond, VA 23219
Ph: 804-864-7487
Fax: 804-864-7481

CHUCKATUCK CREEK
Growing Area # 062
Isle of Wight County and City of Suffolk
Shoreline Sanitary Survey

Date: 2 November 2011
Survey Period: January 5 – October 14, 2011
Total Number of Properties Surveyed: 1439
Surveyed By: J.D. Dickerson & S.I. Salido

SECTION A: GENERAL

This survey area extends from Reference Point 63 at the most prominent northeast point above the northern boundary of Ballard Marsh to Reference Point 64 at Barrel Point, including the James River shoreline between these two points, Ballard Creek, Kings Creek, Cooper Creek, Batten Bay, Ragged Island Creek, Chuckatuck Creek, Winall Creek, Muddy Cove (Smith Neck Creek), Brewers Creek (Creer Creek and Green Swamp Creek), Sleepy Lake, and all of their tributaries.

The topography of the area is characterized by a large area of marshlands extending from reference point 63 along the shoreline and continuing to the northwestern edge of Ragged Island Creek. This area exceeds one mile in width in the vicinity of Cooper Creek and Ragged Island. Elevations rise from sea level around the shoreline to a maximum of 25' near the western survey boundary.

The population is sparse except for concentrations around the communities of Crittenden, Eclipse and Sleepy Lake. A few newer subdivisions have emerged along route 17 in recent years however most of these are served by HRSD. The majority of properties within this survey boundary are served by on-site sewage disposal systems.

The economy of the area is based on small businesses, a relatively small fishing industry, and a dwindling number of farms in the western part of the area. Many residents commute to nearby cities for employment and retail commerce.

Meteorological data indicated that 35.83" of rain fell during the survey period. A monthly breakdown follows:

January 5-31	2.37"	May	2.31"	August	8.59"
February	1.29"	June	3.46"	September	5.65"
March	2.90"	July	7.13"	October 1-14	0.71"
April	1.42"				

On August 27, 2011 Hurricane Irene crossed through Virginia bringing heavy rain and moderate

tidal surge to the survey area. Approximately 6" of the August total was received in one 24 hour period during this event.

Boating activity is moderate, with seasonal recreational boaters comprising the majority of the activity. The G. Robert House Water Treatment Works previously classified as an industrial waste facility is no longer within the revised survey boundary. The plant discharges into Cedar Creek, a tributary of the Nansemond River (Growing Area # 63).

Copies of bacteriological, hydrographical, and shellfish closure data are available at the area field office for review. Copies of the current condemnation notices and maps are available via the internet at http://www.vdh.virginia.gov/shellfish/.

This boundary of this area has been revised since the previous survey. This revision is reflected in the reduction of the number of properties surveyed and the overall number of significant properties.

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 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.

SECTION B: SEWAGE POLLUTION SOURCES

SEWAGE TREATMENT FACILITIES

-None-

ON-SITE SEWAGE DEFICIENCIES

2. CONTRIBUTES POLLTUION – 12273 Smiths Neck Road, Carrolton 23314. Dwelling – 1 story orange/cream siding. No contact. Septic tank lid broken exposing contents. Sanitary Notice issued 1-9-2011 to Field # 94.

9. CONTRIBUTES POLLUTION (Kitchen or Laundry Waste), ***DIRECT*** – 1020 Whippingham Parkway, Carrolton 23314. Dwelling - 2 story brown frame. No contact. Laundry waste discharging from buried green garden hose into private lake. Sanitary Notice issued 2-7-2011 to Field # 203.

13. CONTRIBUTES POLLUTION – 202 Cannon Drive, Carrolton 23314. Dwelling - 1 ½ story coral pink/cream wood siding with white trim. No contact. Effluent erupting from drainfield onto ground surface in front yard. Sanitary Notice issued 3-23-2011 to Field # 547.

19. CONTRIBUTES POLLUTION (Kitchen or Laundry Waste) – 1709 Macedonia Road, Suffolk 23432. Dwelling - brick 1 story with white trim. No contact. Laundry waste draining from house thru 1½" PVC pipe onto ground surface. Sanitary Notice issued 7-15-2011 to Field # 1258.

20. CONTRIBUTES POLLUTION (Kitchen or Laundry Waste) – 1805 Crittenden Road, Suffolk 23432. Dwelling - 2 story blue aluminum siding. 3 persons. Kitchen sink drains to roadside ditch thru underground pipe. Sanitary Notice issued 7-8-2011 to Field # 1244.

21. CONTRIBUTES POLLUTION - 1721 Sawmill Point Road, Suffolk 23432. Dwelling - green siding 2-story with blue shutters. 3 persons. Effluent erupting from septic tank onto ground surface behind house. Sanitary Notice issued 7-8-2011 to Field # 1236.

POTENTIAL POLLUTION

26. 9249 Dixon Road, Suffolk 23433. Dwelling - 2 story white wood siding with red roof. No contact. Neighbor states that kitchen and laundry waste overflows onto ground surface in back yard. No discharge observed at time of inspection.

SECTION C: NON-SEWAGE WASTE SITES

INDUSTRIAL WASTE

14. Turner Farm, 15527 New Towne Haven Lane, Carrolton 23314. Dwelling - white frame 2 story. No contact. Agricultural farm. Observed at time of survey was one 10,000 gallon tank for diesel fuel with no berm.

17. Cotton Plains Farm, 696 North Cherry Grove Road, Suffolk 23432. Dwelling - white vinyl siding 2-story several outbuildings. 2 persons. Observed on site were one 1000 gallon diesel tank and one 3000 gallon liquid fertilizer tank without berms.

23. Volvo Penta, 1500 Steeple Drive, Suffolk 23433. Business - Marine engine test facility. No contact. Located on property are one 1000 gallon gasoline tank and one 1000 gallon diesel tank with berms.

24. Johnson and Sons Seafood, end of White Dogwood Trail, Suffolk 23433. Private commercial watermen dock. 3 persons. Located on property are one 1000 gallon gasoline tank and one 1000 gallon diesel tank. Tanks are double walled for protection.

SOLID WASTE DUMPSITES

7. 23195 Vellines Lane, Carrolton 23314. Commercial trash/dumpster site. No contact. Observed at time of survey was a 4-5 acre area with 5 dumpsters and 1 abandoned RV.

SECTION D: BOATING ACTIVITY

MARINAS

23. Volvo Penta, 1500 Steeple Drive, Suffolk 23433. Owner: Volvo Penta, 1300 Volvo Penta Drive, Chesapeake 23320. Private test facility for research and the development of Volvo marine engines and out-drives. 5 employees. 32 slips available. Present at time of last marina inspection were 16 work boats under 26' and 14 work boats over 26' in wet slips; in dry storage there were 2 work boats under 26'. Boating services provided are fuel, water, electricity, repair and a boat ramp. Sanitary facilities available are 5 commodes, 5 lavatories and 1 urinal. Sewage disposal is by septic tank with drainfield, which was not inspected during this survey due to the facility being locked and gated. There are no boat holding tank pump-out facilities or dump station facilities provided at this location.

OTHER PLACES WHERE BOATS ARE MOORED

24. Johnson & Sons Seafood, end of White Dogwood Trail, Suffolk 23433. Owner: Thomas Hazelwood, 9256 Eclipse Drive, Suffolk 23433. Private dock for watermen to unload fish and crab catches. 3 employees. 9 slips/moorings and 5 dry storage spaces. Present at time of survey were 2 work boats greater than 26'in wet storage; and 1 work boat less than 26' and 2 work boats greater than 26' in dry storage. Boating services provided are fuel, water and electricity. A portable toilet, as well as a vault privy, is provided as sanitary facilities. There are no boat holding tank pump-out facilities or dump station facilities provided at this location.

25. Hazelwood's Pier, west end of Eclipse Drive, Suffolk 23433. Owner: Thomas Hazelwood, 9256 Eclipse Drive, Suffolk 23433. Private dock for watermen to unload fish and crab catches. No contact. 0 slips/moorings. No boats present at time of most recent marina inspection. Facility has an exemption to the requirement of providing sanitary, dump station or holding tank pump out facilities. Facility is in extreme disrepair at time of survey. Pier is damaged and there are no boards on the structure.

27. Arthur L. Latimer, 9362 Dixon Drive, Suffolk 23433. Private pier. No contact. Present at time of survey were 3 pleasure boats under 26'. Boating services provided are water and electricity. Has an exemption to the requirement to provide sanitary facilities, boat holding tank pump-out facilities and dump station facilities.

UNDER SURVEILLANCE

15. Cherry Grove Community Ramp, 1878 North Cherry Grove Road, Suffolk 23432. Private ramp for Cherry Grove homeowners and guests only. No contact. There are no services, sanitary facilities, pump out facilities or dump station facilities provided at this location.

SECTION E: CONTRIBUTES ANIMAL POLLUTION

1. 22266 Riverpoint Trail, Carrolton 23314. Dwelling - 2 story red panel and stone. No contact. Present at time of survey were 4 horses in fenced pasture 200' from Ballard Creek. Manure is left on ground to decompose.

3. 22180 Old Macklesfield Road, Carrolton 23314. Dwelling - 1½ story red frame. 1 person. Present at time of survey were 3 horses in fenced pasture 400' from Ballard Creek. Manure is left on ground to decompose.

4. 12180 Kings Court, Carrolton 23314. Dwelling - 2 story white wood siding. No contact. Present at time of survey were 4 goats and 2 horses in fenced pasture 300' from Ballard Creek. Method of manure disposal is unknown.

5. 11987 Kings Creek Court, Carrolton 23314. Dwelling - 2½ story white frame with trim. No contact. Present at time of survey were 3 horses in fenced pasture 300' from Ballard Creek. Manure is left on ground to decompose.

6. 22181 Old Macklesfield Road, Carrolton 23314. Dwelling - 2 story gray wood frame. 1 person. Present at time of survey were 3 horses in fenced pasture 300' from Ballard Creek. Method of manure disposal is unknown.

8. 12457 Rocky Road, Carrolton 23314. Dwelling - 1½ story gray and maroon wood siding. 1 person. Present at time of survey were 15 chickens in pen, 6 turkeys in fenced area and 1 goat free roaming 100' from marsh leading to Kings Creek. Unknown method of manure disposal.

10. 24503 Batten Bay Lane, Carrolton 23314. Dwelling - 2 story blue slate wood siding. 1 person. Present at time of survey were 4 horses in fenced pasture. Unknown method of manure disposal.

11. 24544 Miller Lane, Carrolton 23314. Dwelling - 2 story red brick. No contact. Present at time of survey were 20 chickens in fenced pen. Unknown method of manure disposal.

12. 24638 Sugar Hill Road, Carrolton 23314. Dwelling - 1 story white barn with stable. No contact. Present at time of survey were 6 horses in fenced pastures. Unknown method of manure disposal.

16. 2031 Fair Oaks Lane (Fair Oaks Stables), Suffolk 23432. Dwelling - brick 2-story. 2 persons. Present at time of survey were 6 horses in 4 fenced pastures. Manure is composted or used as fertilizer.

18. 1824 Cotton Farm Lane, Suffolk 23436. Dwelling - 2 story gray stucco. No contact. Present at time of survey were 5 horses in fenced pasture. Manure is left on ground to decompose.

22. ***DIRECT*** – 1500 Sawmill Point Road (Milteer Farm), Suffolk 23436. Dwelling - brown frame siding 2-story. No contact. Present at time of survey were 10 cows in fenced pasture. All animals have unlimited direct access to Chuckatuck Creek. Unknown method of manure disposal.

SUMMARY

Area # 062
Chuckatuck Creek
2 November 2011

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 deficiencies in this section is the responsibility of the local health department.
0 – CONTRIBUTES POLLUTION, DIRECT – None
3 – CONTRIBUTES POLLUTION, INDIRECT – # 2, 13, 21
1 – CP (Kitchen or Laundry Wastes), DIRECT – # 9
2 – CP (Kitchen or Laundry Wastes), INDIRECT – # 19, 20
0 – NO FACILITIES, DIRECT – None
0 – NO FACILITIES, INDIRECT – None
6 – B.2. TOTAL

3. POTENTIAL POLLUTION – Periodic surveillance of these properties will be maintained to determine any status change.
1 – POTENTIAL POLLUTION – # 26

SECTION C: NON-SEWAGE WASTE SITES
1. INDUSTRIAL WASTE SITES
0 – DIRECT – None
4 – INDIRECT – # 14, 17, 23, 24
1 – C.1. TOTAL

2. SOLID WASTE DUMPSITES
0 – DIRECT – None
1 – INDIRECT – # 7
1 – C.2. TOTAL

SECTION D: BOATING ACTIVITY
1 – MARINAS – # 23
3 – OTHER PLACES WHERE BOATS ARE MOORED – # 24, 25, 27
1 – UNDER SURVEILLANCE – # 15
5 – D. TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION
1 – DIRECT – # 22
11 – INDIRECT – # 1, 3, 4, 5, 6, 8, 10, 11, 12, 16, 18
22 – E. TOTAL

Virginia Department of Health
Division of Shellfish Sanitation

Chuckatuck Creek
062
Shoreline Sanitary Survey

Isle of Wight County
and City of Suffolk

Date: 2 November 2011
Surveyed By: J.D. Dickerson & S.I. Salido
Total Number of Properties Surveyed: 1439

0 0.5 1 Miles

N

76°34'30"W 76°33'0"W 76°31'30"W 76°30'0"W

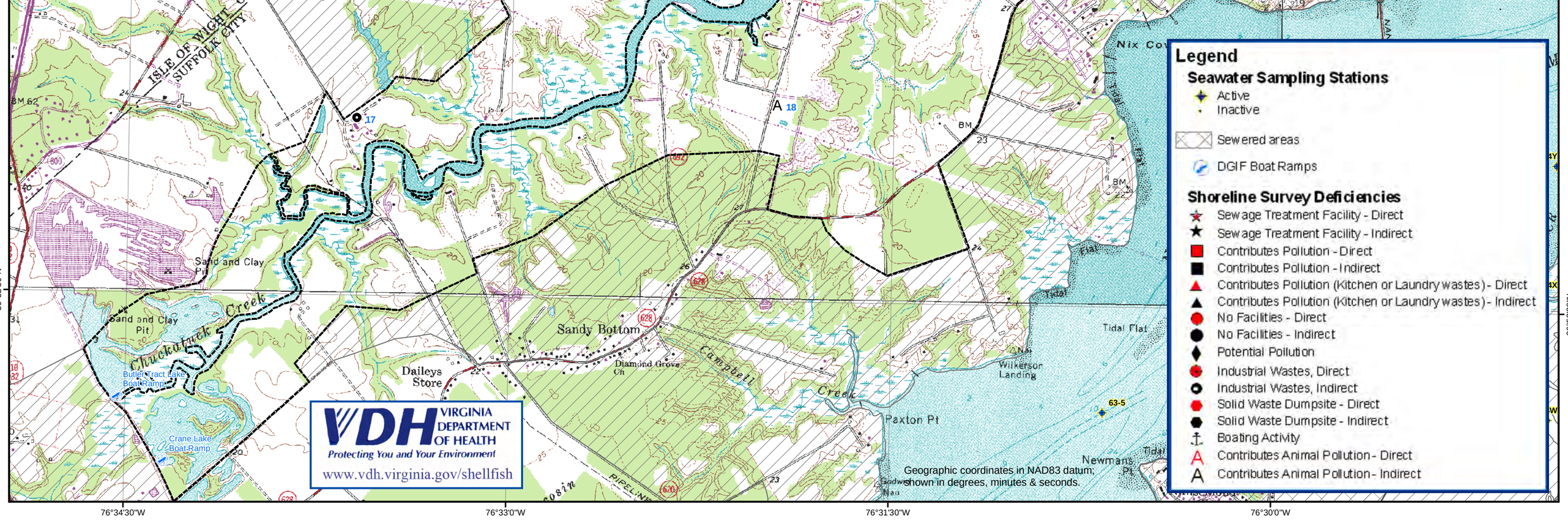
36°58'30"N 36°57'0"N 36°55'30"N 36°54'0"N 36°52'30"N

Ballard Creek Marsh
Ballard Creek
Trailer Parks
Macedonia Ch
Titus Bridge
Titus Bridge Creek
Radio Tower
JONES
Carrollton
Brown
Carrollton
Lukes Ch
Brick Ch
Church
Campbell Chapel
PIPELINE
Bartlett
Kings Creek
RAGGED ISLAND CREEK
JAMES RIVER PIPELINE
JAMES RIVER BRIDGE TOLL
Fishing Point
East Island
Cooper Creek
ISLAND
Ragged Island Creek
Field
Kitty
Seventeen
Candy Island
Tidal Flats
Kish
Lights
BATTEN BAY
Oak Grove Ch
Smith Creek
SMITH POINT
Winall Point
Tidal Flat
Point of Marsh
Pike Point
Eclipse
Muddy Cove
Crittenden Bridge
Crittenden
Moores Point
Sharlie
Mt Zion Ch
Blackhorn Creek
Golf Course
Upton
Cedar Point
Nix Cove
Mt Calvary Ch
Brewers Creek
Sawmill Cr
Johnson
Gayle
Kings Point
Sleepy Lake
Hobson
Cem
Macedonia Ch
CHUCKATUCK CREEK
ISLE OF WIGHT CO
SUFFOLK CITY
Sand and Clay Pit
Butler Tract Lake Boat Ramp
Crane Lake Boat Ramp
Sandy Bottom
Diamond Grove Ch
Daileys Store
Campbell Creek
Wilkerson Landing
Paxton Pt
Newmans Pt
Godwin Mau

63 62-16 62-15 62-14 62-17 62-14.5 62-18 62-T57 62-2B 62-2A 62-2 62-1 62-3 62-4 62-3.5 62-5 62-6 62-7 62-8 62-9 62-9.1A 62-10 63-5 63-1B

A1 A2 A3 A4 A5 A6 A7 A8 A10 A11 A12 A16 A18 A22

2 7 9 10 11 12 13 14 15 17 20 21 22 23 24 25 26 27



VDH VIRGINIA DEPARTMENT OF HEALTH
Protecting You and Your Environment
www.vdh.virginia.gov/shellfish

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