Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name:

TMDL Group ID: 76092

VAT-C10E_ZZZ01A06	Unsegmented estuaries in C10E-CB7PH.	ACCOMACK CO NORTHAMPTON CO	Evaluated non segmented portions of C10E not contained within VACB-R01E-CB7S. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnations.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Antipoison Creek**

TMDL Group ID: **00947**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAP-C01E_ANT01A98	**Antipoison Creek**	LANCASTER CO	Described in the condemnation notice 017-188A, 7/13/2004. Size extended in 2006 cycle, and now incorporates old segment ANT02A00, which was deleted CB5MH

VA Overall AU Category: **5A**

Use	Impairment	0.44 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00947	**1998**	**2010**	VAP-C01E-28 VDH-DSS Shellfish Condemnation Notice 017-188, 7/13/2004 Expanded in 2006 cycle.

Sources: Source Unknown

TMDL Watershed Name: **Arbuckle Creek**

TMDL Group ID: **76019**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-D02E_ARB01A06	**Arbuckle Creek**	ACCOMACK CO	Southeast of Persimmon Point, between the mouth of Assawoman Creek and Womans Bay. DSS shellfish condemnation # 099-135A (Effective date 2004-12-30).

VA Overall AU Category: **5B**

Use	Impairment	0.04 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		76019	**2006**	**2018**	Added to DSS shellfish condemnation # 099-135A for 2006 IR. Effective date 2004-12-30.

Sources: Source Unknown

TMDL Watershed Name: **Assawoman Creek**

TMDL Group ID: **76125**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-D02E_ASW01A00	**Assawoman Creek - Upper**	ACCOMACK CO	From headwaters downstream to confluence of Petit Branch (RM 3.4). Portion of DSS shellfish condemnation # 099-135A.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		76125	**2006**	**2010**	Need FC data to confirm assessment derived from downstream impairment @ 7-ASW003.36. The Recreatiion Use is impaired due to exceedance of the criteria for Enterococci (4 violates / 12 obs.) bacteria extrapolated from downstream station.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Assawoman Creek**

TMDL Group ID: **76125**

VAT-D02E_ASW02A00	Assawoman Creek - Lower	ACCOMACK CO	From confluence of Petit Branch downstream to mouth. Portion of DSS shellfish condemnation # 099-135A (Effective date 2002-09-26).

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		76125	**2006**	**2010**	The Recreatiion Use is impaired due to exceedance of the criteria for Enterococci (4 violates / 12 obs.). Recreation Use impaired due to Enterococcus concentrations exceeding the swimming indicator criteria (the previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment since threshold of 12 observations reached, with TMDL due date same as original FC impairment).

Sources: Source Unknown

TMDL Watershed Name: **Assawoman Creek, Lower**

TMDL Group ID: **00429**

VAT-D02E_ASW02A00	Assawoman Creek - Lower	ACCOMACK CO	From confluence of Petit Branch downstream to mouth. Portion of DSS shellfish condemnation # 099-135A (Effective date 2002-09-26).

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00429	**1998**	**2010**	

Sources: Source Unknown

TMDL Group ID: **01457**

VAT-D02E_ASW02A00	Assawoman Creek - Lower	ACCOMACK CO	From confluence of Petit Branch downstream to mouth. Portion of DSS shellfish condemnation # 099-135A (Effective date 2002-09-26).

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01457	**2004**	**2014**	The 2004 IR DO impairment is retained until improvement can be confirmed in next assessment (2006 IR data showed 3 violates / 30 obs. = 10.0% violation rate).

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Assawoman Creek, Upper**

TMDL Group ID: **01250**

VAT-D02E_ASW01A00	**Assawoman Creek - Upper**	ACCOMACK CO	From headwaters downstream to confluence of Petit Branch (RM 3.4). Portion of DSS shellfish condemnation # 099-135A.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**	0.07	SQUARE MILES	01250	**1998**	**2010**	

Sources: Source Unknown

TMDL Watershed Name: **Back Creek**

TMDL Group ID: **00994**

VAP-C04E_BKA01A98	**Back Creek**	GLOUCESTER CO	Described in the condemnation notice 042-157C, 9/15/2004. Size adjusted in 2006, although area did not change MOBPH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**	0.08	SQUARE MILES	00994	**1998**	**2010**	VAP-C04E-10 VDH-DSS SFC Number 042-157C, 9/17/2004

Sources: Source Unknown

TMDL Group ID: **01755**

VAT-C07E_BCK01A00	**Back Creek - Upper**	YORK CO	Back Creek (S of York R mouth) is a tributary to The Thorofare and Chesapeake Bay. From end of tidal waters downstream to point upstream of Dandy (RM 1.6). CBP Segment MOBPH. DSS shellfish condemnation # 053-151A.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**	0.09	SQUARE MILES	01755	**1998**	**2010**	DSS shellfish condemnation # 053-151A (Effective 2004 IR = 2001-04-30 & for 2006 IR = 2005-11-03).

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Back River, Northwest Branch**

TMDL Group ID: **01214**

VAT-C07E_NWB01A06	Northwest Br. Back River - Upper	HAMPTON CITY POQUOSON CITY CITY	Headwaters to confluence of Topping Creek @ RM 1.5, end of DSS shellfish condemnation #054-021C. Condemnation less Cedar/Topping & Brick Kiln Creeks. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.39 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01214	**2004**	**2010**	

Sources: Source Unknown

TMDL Watershed Name: **Back River, Southwest Branch (Upper)**

TMDL Group ID: **01217**

VAT-C07E_SWB01A06	Southwest Branch - Back River	HAMPTON CITY	Headwaters of Southwest Branch downstream to mouth, confluence with Back R. Includes Tides Mill Cr. DSS shellfish condemnation # 054-021E. CBP segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	1.76 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01217	**2006**	**2010**	DSS shellfish condemnation # 054-021E.

Sources: Source Unknown

TMDL Group ID: **01437**

VAT-C07E_SWB01A06	Southwest Branch - Back River	HAMPTON CITY	Headwaters of Southwest Branch downstream to mouth, confluence with Back R. Includes Tides Mill Cr. DSS shellfish condemnation # 054-021E. CBP segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	1.76 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Fecal Coliform**		01437	**2006**	**2014**	Previous DEQ station showed impairment @7-SWB000.00 for Fecal Coliform bacteria (2002 IR). The Recreation Use is impaired due to previous Fecal Coliform data recorded during the 2002 IR which indicated exceedance of the bactreia criteria, there are no current data to assess the Recreation Use.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Bagwell Creek**

TMDL Group ID: **00362**

VAT-C10E_BAG01A00	Bagwell Creek	ACCOMACK CO	Northwest of Town of Justisville. Entirety of creek. Portion of CBP segment POCMH. DSS shellfish direct harvesting condemnation # 077-138 C.

VA Overall AU Category: **5A**

Use	Impairment	0.19 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00362	**1998**	**2010**	DSS shellfish direct harvesting condemnation # 077-138 C.

Sources: Source Unknown

TMDL Watershed Name: **Ball Creek**

TMDL Group ID: **00948**

VAP-C01E_BAL01A02	Ball Creek	NORTHUMBERLAND CO	Described in the condemnation notice 014-124B, 5/15/2001. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00948	**1998**	**2010**	00948 (SF) VAP-C01E-14 VDH-DSS Shellfish Condemnation Notice 014-124B, 5/15/01

Sources: Source Unknown

TMDL Watershed Name: **Balls Creek**

TMDL Group ID: **15014**

VAP-C01E_BLS01A02	Balls Creek	NORTHUMBERLAND CO	Described in the condemnation notice 013-089B, 4/16/2004. Size expanded in 2006 cycle. Segment BLS02A04 was incorporated into this segment, then was deleted. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.18 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		15014	**1998**	**2010**	15014 (SF) VAP-C01E-02 VDH-DSS Condemnation Notice 013-89B, 4/16/2004. The area expanded during the 2006 cycle. Segment BLS02A04 was incorporated into this segment, then deleted.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Barlow Creek - Upper**

TMDL Group ID: **00405**

VAT-C14E_BRL01A06	Barlow Creek - Upper	NORTHAMPTON CO	In area of Old Town Neck. Portion of CBP segment CB7PH. DSS shellfish condemnation # 086-136D.

VA Overall AU Category: **5A**

Use	Impairment	0.04 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00405		**2010**	DSS shellfish condemnation # 085-199 A.

Sources: Source Unknown

TMDL Watershed Name: **Barrett Creek**

TMDL Group ID: **15003**

VAP-C01E_BAR01A98	Barrett Creek	NORTHUMBERLAND CO	Described in the condemnation notice, 013-089D, 4/16/2004. Area expanded during 2006 cycle. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		15003	**2002**	**2018**	15003 (SF) VAP-C01E-04 VDH-DSS Condemnation Notice 013-089D, 4/16/2004.

Sources: Source Unknown

TMDL Watershed Name: **Betts Mill Creek**

TMDL Group ID: **00949**

VAP-C01E_BMC01A04	Betts Mill Creek	NORTHUMBERLAND CO	Described in the VDH Shellfish Condemnation 013-089I, 4/16/2004. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00949	**2004**	**2016**	00949 (SF) VAP-C01E-33 VDH-DSS Shellfish Condemnation Number 013-089I, 4/16/2004.

Sources: Source Unknown

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Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Billups Creek**

TMDL Group ID: **00995**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAP-C04E_BLP01A98	**Billups Creek**	MATHEWS CO	Described in the condemnation notice 037-061C, 7/15/2004. Size adjusted in 2006 although area did not change from 2004 cycle. PIAMH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**	0.08	SQUARE MILES	00995	**1998**	**2010**	VAP-C04E-07 VDH-DSS SFC Number 037-161C, 7/15/2004

Sources: Source Unknown

TMDL Watershed Name: **Blackwater Creek**

TMDL Group ID: **00996**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAP-C04E_BLW01A98	**Blackwater Creek**	MATHEWS CO	Described in the condemnation notice 042-131A, 9/17/2004. Size adjusted in 2006 cycle, although area did not change. MOBPH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**	0.51	SQUARE MILES	00996	**1998**	**2010**	VAP-C04E-11 VDH-DSS SFC Number 042-131A, 9/17/2004

Sources: Source Unknown

TMDL Watershed Name: **Brick Kiln Creek**

TMDL Group ID: **00413**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-C07E_BRK01A06	**Brick Kiln Creek**	HAMPTON CITY YORK CO	From 0.3 mi. downstream of Big Bethel Res. dam (approx. RM 5.0, end of tidal waters north of Ebenezer Church) downstream to confluence with Northwest Br. Back R. CBP Segment MOBPH. Portion of DSS shellfish condemnation #054-021C.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**			00413	**2004**	**2010**	

Sources: Source Unknown

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Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Brick Kiln Creek (Cedar Creek)**

TMDL Group ID: **01208**

VAT-C07E_BRK01A06 **Brick Kiln Creek** HAMPTON CITY YORK CO

From 0.3 mi. downstream of Big Bethel Res. dam (approx. RM 5.0, end of tidal waters north of Ebenezer Church) downstream to confluence with Northwest Br. Back R. CBP Segment MOBPH. Portion of DSS shellfish condemnation #054-021C.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01208	**1998**	**2010**	Portion of DSS shellfish condemnation #054-021C. VAT-C07E-18 (DSS# 21B) merged into VAT-C07E-21 (DSS# 054-021C) effective 2004-06-02.

Sources: Source Unknown

TMDL Watershed Name: **Broad Bay, Long Creek and Linkhorn Bay**

TMDL Group ID: **00168**

VAT-C08E_BBY01A06 **Broad Bay - Upper** VIRGINIA BEACH CITY

Located adjacent to Broad Bay Colony area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation # 071-025 C (balance in VAT-C08E_DEY01A00, _LKN01A00 & _CRY01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.90 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00168	**1998**	**2004**	Portion of DSS condemnation #071-025 C (balance in VAT-C08E_LKN01A00 & CRY01A00).TMDL completed and EPA approved (Category 4A) in 2004.

Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)
Municipal (Urbanized High Density Area)
Natural Sources
Non-Point Source
On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems)

VAT-C08E_LKN01A00 **Linkhorn Bay** VIRGINIA BEACH CITY

Located adjacent to Linkhorn Estates area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _BBY01A00 & _LON01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.95 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00168	**1998**	**2004**	Portion of DSS condemnation #071-025 C (balance in VAT-C08E_LKN01A00 & CRY01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.

Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)
Municipal (Urbanized High Density Area)
Natural Sources
Non-Point Source
On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Broad Bay, Long Creek and Linkhorn Bay**

TMDL Group ID: **00168**

VAT-C08E_LON01A00 **Long Creek** VIRGINIA BEACH CITY

Northern shore tributary of Broad Bay, near Bay Island area. Portion of CBP segment LYNPH. DSS shellfish direct harvesting condemnation #071-025 B. Effective 2003-12-11.

VA Overall AU Category: **5D**

Use	Impairment	0.27 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00168	**1998**	**2004**	Portion of DSS condemnation #071-025 B. Effective 2003-12-11. A TMDL has been completed and EPA approved (Category 4A) in 2004.

Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)
Municipal (Urbanized High Density Area)
Natural Sources
Non-Point Source
On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems)

TMDL Watershed Name: **Browns Bay and Monday Creek**

TMDL Group ID: **01023**

VAP-C06E_MNC01A98 **Monday Creek** GLOUCESTER CO

Described in the condemnation notice 125, 12/3/2002.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.04 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01023	**1998**	**2010**	VAP-C06E-02 VDH DSS Shellfish Condemnation 045-125, 12/3/2002

Sources: Source Unknown

TMDL Watershed Name: **Bulbeggar Creek**

TMDL Group ID: **01228**

VAT-C09E_BLB01A06 **Bulbeggar Creek** ACCOMACK CO

Located southeast of Pitts Neck area. From estuarine/riverine transition (end of tidal waters) downstream to mouth (confluence with Pocomoke Sound). Portion of CBP segment POCOH. Portion of DSS shellfish condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment	0.12 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01228	**1998**	**2010**	Portion of DSS shellfish condemnation # 075-033.

Sources: Source Unknown

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Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Bulbeggar Creek**

TMDL Group ID: **01447**

VAT-C09E_BLB01A06	Bulbeggar Creek	ACCOMACK CO	Located southeast of Pitts Neck area. From estuarine/riverine transition (end of tidal waters) downstream to mouth (confluence with Pocomoke Sound). Portion of CBP segment POCOH. Portion of DSS shellfish condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment	0.12 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		01447	**2006**	**2016**	The Recreation Use is impaired due to exceedance of the instantaneous criteria for Enterococcus (6 violate / 11 obs.) and Fecal Coliform (4 violate / 9 obs.) bacteria.
		Sources: Source Unknown				
Recreation	**Fecal Coliform**		01447	**1998**	**2016**	The Recreation Use is impaired due to exceedance of the instantaneous criteria for Enterococcus (6 violate / 11 obs.) and Fecal Coliform (4 violate / 9 obs.) bacteria.
		Sources: Source Unknown				

TMDL Watershed Name: **Burke Mill Stream**

TMDL Group ID: **01017**

VAP-C04R_BUR01A00	Burke Mill Stream	GLOUCESTER CO MATHEWS CO	From Burke Pond to extent of tide.

VA Overall AU Category: **5A**

Use	Impairment	2.69 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Fecal Coliform**		01017	**2004**	**2016**	This segment was listed as not supporting for recreational use in 2004 due to fecal coliform violations at 7-BUR001.19. Monitoring for this station ended in 2001.
		Sources: Source Unknown				

TMDL Watershed Name: **Bush Mill Stream**

TMDL Group ID: **00977**

VAP-C01R_BMS01A98	Bush Mill Stream	NORTHUMBERLAND CO	Bush Mill Stream upstream of the tributary at river mile 2.43.

VA Overall AU Category: **5A**

Use	Impairment	5.87 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Fecal Coliform**		00977	**2002**	**2014**	VAP-C01R-01 7-BMS004.46 (A) DEQ monitoring at this station ceased in 2001. The 2002 fecal coliform Recreation Use impairment for this segment continues due to violations recorded at the Rt. 601 bridge. The TMDL due date in 2014.
		Sources: Source Unknown				

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Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Cape Charles Harbor, Upper**

TMDL Group ID: **01453**

VAT-C16E_CCH01A04	Cape Charles Harbor - Upper	NORTHAMPTON CO	From most upstream end of harbor downstream to 1/2 distance to mouth (RM 0.23). Portion of CBP segment CB7PH. DSS ADMINISTRATIVE condemnation # 089-011A (VPDES outfall condemnation for Cape Charles STP VA0021288).

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		01453	**2004**	**2016**	The Recreation Use is impaired (4 violate / 15 obs.) due to exceedance of the instantaneous criteria for Enterococcus bacteria.

Sources: Source Unknown

TMDL Watershed Name: **Cedar & Topping Creeks**

TMDL Group ID: **01219**

VAT-C07E_CCR01A06	Cedar & Topping Creeks	POQUOSON CITY CITY	Located near City of Poquoson. Cedar & Topping Creeks are tribs to the north shore of the Northwest Branch of Back River. Portion of DSS condemnation # 054-021C (less NW Br Back R./Brick Kiln Cr. portion). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01219	**2006**	**2016**	Portion of DSS condemnation # 054-021C (less NW Br Back R./Brick Kiln Cr. portion).

Sources: Source Unknown

TMDL Watershed Name: **Cedar Creek**

TMDL Group ID: **00274**

VAT-C11E_CED01A00	Cedar Creek	ACCOMACK CO	Entire estuarine portion of creek. North shore tributary of Onancock Creek. Portion of CBP segment CB7PH. DSS shellfish condemnation 080-013 B.

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00274	**1998**	**2010**	DSS shellfish condemnation 080-013B.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Cherrystone Inlet - Upper**

TMDL Group ID: **76556**

VAT-C15E_CRS01A06	Cherrystone Inlet - Upper	NORTHAMPTON CO	Upper northern branch 1/5 of Inlet, from Eyreville Neck downstream to confluence with Chesapeake Bay. Including Old Castle Cr. Portion of CBP segment CB7PH. DSS condemnation # 088-139A.

VA Overall AU Category: **5A**

Use	Impairment	0.30 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		76556	**1998**	**2010**	

Sources: Source Unknown

TMDL Watershed Name: **Chesapeake Bay - CBP Segment CB5MH**

TMDL Group ID: **00520**

VACB-R01E-CB5	CHESAPEAKE BAY - VA portion of CBP Segment CB5MH	CHESAPEAKE BAY - COUNTY NOT APPLICABLE	Located in the northern part of the Virginia mainstem Bay from the mouth of the Rappahannock River and northward. HUC: 02080101.

VA Overall AU Category: **5A**

Use	Impairment	187.60 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Estuarine Bioassessments**		00520	**2004**	**2018**	

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - CBP Segment CB5MH**

TMDL Group ID: **80007**

VACB-R01E-CB5	**CHESAPEAKE BAY - VA portion of CBP Segment CB5MH**	CHESAPEAKE BAY - COUNTY NOT APPLICABLE	Located in the northern part of the Virginia mainstem Bay from the mouth of the Rappahannock River and northward. HUC: 02080101.

VA Overall AU Category: **5A**

Use	Impairment	187.60 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		80007	**2006**	**2010**	

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - CBP Segment CB6PH (North)**

TMDL Group ID: **80008**

VACB-R01E-CB6N	**CHESAPEAKE BAY - Northern portion of CBP Segment CB6PH**	CHESAPEAKE BAY - COUNTY NOT APPLICABLE	Located in the northeastern half of the Virginia mainstem Bay between James and Rappahannock Rivers. HUC: 0208010.

VA Overall AU Category: **5A**

Use	Impairment	127.00 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		80008		**2010**	
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Deep-Water Aquatic Life	**Oxygen, Dissolved**		80008		**2010**	
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		80008		**2010**	
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - CBP Segment CB6PH (North)**

TMDL Group ID: **80009**

VACB-R01E-CB6N	**CHESAPEAKE BAY - Northern portion of CBP Segment CB6PH**	CHESAPEAKE BAY - COUNTY NOT APPLICABLE	Located in the northeastern half of the Virginia mainstem Bay between James and Rappahannock Rivers. HUC: 0208010.

VA Overall AU Category: **5A**

Use	Impairment	127.00 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		80009	**2006**	**2010**	

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		80009	**2006**	**2010**

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - CBP Segment CB6PH (South)**

TMDL Group ID: **80010**

VACB-R01E-CB6S	**CHESAPEAKE BAY - Southern portion of CBP Segment CB6PH**	CHESAPEAKE BAY - COUNTY NOT APPLICABLE	Located in the Southeastern half of the Virginia mainstem Bay between James and Rappahannock Rivers. HUC: 0208010.

VA Overall AU Category: **5A**

Use	Impairment	160.24 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		80010		**2010**	
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		80010		**2010**	
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - CBP Segment CB6PH (South)**

TMDL Group ID: **80011**

VACB-R01E-CB6S	**CHESAPEAKE BAY - Southern portion of CBP Segment CB6PH**	CHESAPEAKE BAY - COUNTY NOT APPLICABLE	Located in the Southeastern half of the Virginia mainstem Bay between James and Rappahannock Rivers. HUC: 0208010.

VA Overall AU Category: **5A**

Use	Impairment	160.24 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		80011	**2006**	**2010**	

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		80011	**2006**	**2010**

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - CBP Segment CB7PH**

TMDL Group ID: **80003**

VACB-R01E-04CE	CHESAPEAKE BAY - Cape Charles BSS #11, Area A	NORTHAMPTON CO	Va Dept of Health Shellfish condemnation #11, Opposite Cape Charles City, Area "A". HUC: 02080101

VA Overall AU Category: **5A**

Use	Impairment	0.40 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		80003	**2006**	**2010**	

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		80003	**2006**	**2010**

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - CBP Segment CB7PH (North)**

TMDL Group ID: **80012**

VACB-R01E-CB7N	**CHESAPEAKE BAY - Northern portion of CBP Segment CB7PH**	CHESAPEAKE BAY - COUNTY NOT APPLICABLE	This assessment unit is the Northern portion of Chesapeake Bay Program segment CB7PH, located in the western half of the Virginia northwestern mainstem Bay between James and Rappahannock Rivers.

VA Overall AU Category: **5A**

Use	Impairment	170.00 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		80012		**2010**	
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		80012		**2010**	
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - CBP Segment CB7PH (North)**

TMDL Group ID: **80013**

VACB-R01E-CB7N	**CHESAPEAKE BAY - Northern portion of CBP Segment CB7PH**	CHESAPEAKE BAY - COUNTY NOT APPLICABLE	This assessment unit is the Northern portion of Chesapeake Bay Program segment CB7PH, located in the western half of the Virginia northwestern mainstem Bay between James and Rappahannock Rivers.

VA Overall AU Category: **5A**

Use	Impairment	170.00 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		80013	**2006**	**2010**	

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		80013	**2006**	**2010**

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - CBP Segment CB7PH (South)**

TMDL Group ID: **80014**

VACB-R01E-CB7S	**CHESAPEAKE BAY - Southern portion of CBP Segment CB7PH**	CHESAPEAKE BAY - COUNTY NOT APPLICABLE	This assessment unit is souther portion of Chesapeake Bay Program segment CB7PH, located in the southwestern half of the Virginia mainstem Bay between James and Rappahannock Rivers.

VA Overall AU Category: **5A**

Use	Impairment	386.34 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		80014		**2010**	
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		80014		**2010**	
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - CBP Segment CB7PH (South)**

TMDL Group ID: **80015**

VACB-R01E-CB7S	**CHESAPEAKE BAY - Southern portion of CBP Segment CB7PH**	CHESAPEAKE BAY - COUNTY NOT APPLICABLE	This assessment unit is souther portion of Chesapeake Bay Program segment CB7PH, located in the southwestern half of the Virginia mainstem Bay between James and Rappahannock Rivers.

VA Overall AU Category: **5A**

Use	Impairment	386.34 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		80015	**2006**	**2010**	
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		80015	**2006**	**2010**	
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - CBP Segment CB8PH**

TMDL Group ID: **80016**

VACB-R01E-CB8	**CHESAPEAKE BAY - CBP Segment CB8PH**	CHESAPEAKE BAY - COUNTY NOT APPLICABLE	Mainstem Chesapeake Bay between mouth of James River and mouth of Chesapeake Bay. HUC: 02080101

VA Overall AU Category: **5A**

Use	Impairment	152.60 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		80016	**2006**	**2010**	

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**	80016	**2006**	**2010**

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Watershed Name: **Chesapeake Bay - CBP Segment MOBPH**

TMDL Group ID: **80017**

VACB-R01E-MOB	**CHESAPEAKE BAY - CBP Segment MOBPH**	GLOUCESTER CO YORK CO	This assessment unit is Chesapeake Bay Program segment MOBPH, located off the mouth of the York River including Mobjack Bay. HUC: 02080101.

VA Overall AU Category: **5A**

Use	Impairment	93.20 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Estuarine Bioassessments**		80017	**2006**	**2018**	

Sources: Source Unknown

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Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - CBP Segment MOBPH**

TMDL Group ID: **80018**

VACB-R01E-MOB	**CHESAPEAKE BAY - CBP Segment MOBPH**	GLOUCESTER CO YORK CO	This assessment unit is Chesapeake Bay Program segment MOBPH, located off the mouth of the York River including Mobjack Bay. HUC: 02080101.

VA Overall AU Category: **5A**

Use	Impairment	93.20 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		80018	**2006**	**2010**	
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		80018	**2006**	**2010**	
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

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Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - CBP Segment MOBPH**

TMDL Group ID: **80019**

VACB-R01E-MOB	CHESAPEAKE BAY - CBP Segment MOBPH	GLOUCESTER CO YORK CO	This assessment unit is Chesapeake Bay Program segment MOBPH, located off the mouth of the York River including Mobjack Bay. HUC: 02080101.

VA Overall AU Category: **5A**

Use	Impairment	93.20 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		80019	**2006**	**2010**	

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		80019	**2006**	**2010**

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Group ID: **90014**

VACB-R01E-MOB	CHESAPEAKE BAY - CBP Segment MOBPH	GLOUCESTER CO YORK CO	This assessment unit is Chesapeake Bay Program segment MOBPH, located off the mouth of the York River including Mobjack Bay. HUC: 02080101.

VA Overall AU Category: **5A**

Use	Impairment	93.20 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		90014	**2006**	**2018**	

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - CBP Segment TANMH**

TMDL Group ID: **80001**

VACB-C10E_TNN01A06	**Tangier North Channel and Adjacent Waters, DSS Area A**	ACCOMACK CO	Waters surrounding Tangier Island. Portion of CBP segment TANMH. DSS (ADMINISTRATIVE) shellfish condemnation # 076-086 A [effective 1993-10-29].

VA Overall AU Category: **5A**

Use	Impairment (1.56 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	80001	**2006**	**2010**	
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				
Open-Water Aquatic Life	**Oxygen, Dissolved**	80001	**2006**	**2010**	
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - CBP Segment TANMH**

TMDL Group ID: **80001**

VACB-C10E_TNN01B06	**Tangier North Channel and Adjacent Waters, DSS Area B**	ACCOMACK CO	Waters surrounding Tangier Island. Portion of CBP segment TANMH. DSS (ADMINISTRATIVE) shellfish condemnation # 076-086 B [effective 1993-10-29].

VA Overall AU Category: **5A**

Use	Impairment	0.00 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		80001	**2006**	**2010**	
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		80001	**2006**	**2010**	
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - CBP Segment TANMH**

TMDL Group ID: **80001**

VACB-C10E-TAN	**CHESAPEAKE BAY - VA portion of CBP Segment TANMH**	ACCOMACK CO	This assessment unit is Chesapeake Bay Program segment TANMH, located in the northern part of the Virginia mainstem Bay aroung Tangier Sound. HUC: 02080101

VA Overall AU Category: **5A**

Use	Impairment (121.44 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	80001	**2006**	**2010**	
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				
Open-Water Aquatic Life	**Oxygen, Dissolved**	80001	**2006**	**2010**	
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - CBP Segment TANMH**

TMDL Group ID: **80002**

VACB-C10E-TAN	**CHESAPEAKE BAY - VA portion of CBP Segment TANMH**	ACCOMACK CO	This assessment unit is Chesapeake Bay Program segment TANMH, located in the northern part of the Virginia mainstem Bay aroung Tangier Sound. HUC: 02080101

VA Overall AU Category: **5A**

Use	Impairment (121.44 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**	80002	**2006**	**2010**	
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**	80002	**2006**	**2010**	
	Sources: Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - Off Little Creek BSS #60, Area A**

TMDL Group ID: **80006**

VACB-R01E-04GE	CHESAPEAKE BAY - Off Little Creek BSS #60, Area A	NORFOLK CITY VIRGINIA BEACH CITY	Va Dept of Health Shellfish clusure #60, Area A. Off Little Creek. HUC: 02080101

VA Overall AU Category: **5A**

Use	Impairment	1.38 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		80006	**2006**	**2010**	

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		80006	**2006**	**2010**

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - Off Little Creek BSS #60, Area B**

TMDL Group ID: **80005**

VACB-R01E-04EE	CHESAPEAKE BAY - Off Little Creek BSS #60, Area B	VIRGINIA BEACH CITY	Va Dept of Health Shellfish closure #60, Area B. Off Little Creek. HUC: 02080101

VA Overall AU Category: **5A**

Use	Impairment	0.54 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		80005	**2006**	**2010**	

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**	80005	**2006**	**2010**

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Watershed Name: **Chesapeake Bay - Segment CB5MH**

TMDL Group ID: **90010**

VACB-R01E-CB5	CHESAPEAKE BAY - VA portion of CBP Segment CB5MH	CHESAPEAKE BAY - COUNTY NOT APPLICABLE	Located in the northern part of the Virginia mainstem Bay from the mouth of the Rappahannock River and northward. HUC: 02080101.

VA Overall AU Category: **5A**

Use	Impairment	187.60 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		90010	**2006**	**2018**	

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - Segment CB6PH**

TMDL Group ID: **90011**

VACB-R01E-CB6N	**CHESAPEAKE BAY - Northern portion of CBP Segment CB6PH**	CHESAPEAKE BAY - COUNTY NOT APPLICABLE	Located in the northeastern half of the Virginia mainstem Bay between James and Rappahannock Rivers. HUC: 0208010.

VA Overall AU Category: **5A**

Use	Impairment	127.00 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		90011	**2006**	**2018**	

Sources: Source Unknown

VACB-R01E-CB6S	**CHESAPEAKE BAY - Southern portion of CBP Segment CB6PH**	CHESAPEAKE BAY - COUNTY NOT APPLICABLE	Located in the Southeastern half of the Virginia mainstem Bay between James and Rappahannock Rivers. HUC: 0208010.

VA Overall AU Category: **5A**

Use	Impairment	160.24 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		90011	**2006**	**2018**	

Sources: Source Unknown

TMDL Watershed Name: **Chesapeake Bay - Segment CB7PH**

TMDL Group ID: **90012**

VACB-R01E-04CE	**CHESAPEAKE BAY - Cape Charles BSS #11, Area A**	NORTHAMPTON CO	Va Dept of Health Shellfish condemnation #11, Opposite Cape Charles City, Area "A". HUC: 02080101

VA Overall AU Category: **5A**

Use	Impairment	0.40 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		90012	**2006**	**2018**	

Sources: Source Unknown

VACB-R01E-CB7N	**CHESAPEAKE BAY - Northern portion of CBP Segment CB7PH**	CHESAPEAKE BAY - COUNTY NOT APPLICABLE	This assessment unit is the Northern portion of Chesapeake Bay Program segment CB7PH, located in the western half of the Virginia northwestern mainstem Bay between James and Rappahannock Rivers.

VA Overall AU Category: **5A**

Use	Impairment	170.00 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		90012	**2006**	**2018**	

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - Segment CB7PH**

TMDL Group ID: **90012**

VACB-R01E-CB7S	**CHESAPEAKE BAY - Southern portion of CBP Segment CB7PH**	CHESAPEAKE BAY - COUNTY NOT APPLICABLE	This assessment unit is souther portion of Chesapeake Bay Program segment CB7PH, located in the southwestern half of the Virginia mainstem Bay between James and Rappahannock Rivers.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	386.34	SQUARE MILES	90012	**2006**	**2018**	

Sources: Source Unknown

TMDL Watershed Name: **Chesapeake Bay - Segment CB8PH**

TMDL Group ID: **90013**

VACB-R01E-04EE	**CHESAPEAKE BAY - Off Little Creek BSS #60, Area B**	VIRGINIA BEACH CITY	Va Dept of Health Shellfish closure #60, Area B. Off Little Creek. HUC: 02080101

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.54	SQUARE MILES	90013	**2006**	**2018**	

Sources: Source Unknown

VACB-R01E-04GE	**CHESAPEAKE BAY - Off Little Creek BSS #60, Area A**	NORFOLK CITY VIRGINIA BEACH CITY	Va Dept of Health Shellfish clusure #60, Area A. Off Little Creek. HUC: 02080101

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	1.38	SQUARE MILES	90013	**2006**	**2018**	

Sources: Source Unknown

VACB-R01E-CB8	**CHESAPEAKE BAY - CBP Segment CB8PH**	CHESAPEAKE BAY - COUNTY NOT APPLICABLE	Mainstem Chesapeake Bay between mouth of James River and mouth of Chesapeake Bay. HUC: 02080101

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	152.60	SQUARE MILES	90013	**2006**	**2018**	

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - VA portion of CBP segment POCMH**

TMDL Group ID: **80000**

VACB-C10E-POC	CHESAPEAKE BAY - VA portion of CBP segment POCMH	ACCOMACK CO	This assessment unit is Chesapeake Bay Program segment POCMH, located in the mesohaline area of Pokomoke sound. HUC: 02080101.

VA Overall AU Category: **5A**

Use	Impairment	48.40 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		80000	**2006**	**2010**	

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**	80000	**2006**	**2010**

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

TMDL Group ID: **90015**

VACB-C10E-POC	CHESAPEAKE BAY - VA portion of CBP segment POCMH	ACCOMACK CO	This assessment unit is Chesapeake Bay Program segment POCMH, located in the mesohaline area of Pokomoke sound. HUC: 02080101.

VA Overall AU Category: **5A**

Use	Impairment	48.40 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		90015	**2006**	**2018**	

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - VA portion of CBP Segment TANMH**

TMDL Group ID: **90016**

VACB-C10E_TNN01A06 — **Tangier North Channel and Adjacent Waters, DSS Area A** — ACCOMACK CO

Waters surrounding Tangier Island. Portion of CBP segment TANMH. DSS (ADMINISTRATIVE) shellfish condemnation # 076-086 A [effective 1993-10-29].

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	1.56	SQUARE MILES	90016	**2006**	**2018**	

Sources: Source Unknown

VACB-C10E_TNN01B06 — **Tangier North Channel and Adjacent Waters, DSS Area B** — ACCOMACK CO

Waters surrounding Tangier Island. Portion of CBP segment TANMH. DSS (ADMINISTRATIVE) shellfish condemnation # 076-086 B [effective 1993-10-29].

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.00	SQUARE MILES	90016	**2006**	**2018**	

Sources: Source Unknown

VACB-C10E-TAN — **CHESAPEAKE BAY - VA portion of CBP Segment TANMH** — ACCOMACK CO

This assessment unit is Chesapeake Bay Program segment TANMH, located in the northern part of the Virginia mainstem Bay aroung Tangier Sound. HUC: 02080101

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	121.44	SQUARE MILES	90016	**2006**	**2018**	

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - VA portion of CBP Segment TANMH**

TMDL Group ID: **90020**

VACB-C10E_TNN01A06	**Tangier North Channel and Adjacent Waters, DSS Area A**	ACCOMACK CO	Waters surrounding Tangier Island. Portion of CBP segment TANMH. DSS (ADMINISTRATIVE) shellfish condemnation # 076-086 A [effective 1993-10-29].

VA Overall AU Category: **5A**

Use	Impairment	1.56 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		90020	**2006**	**2010**	

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		90020	**2006**	**2010**

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay - VA portion of CBP Segment TANMH**

TMDL Group ID: **90020**

VACB-C10E_TNN01B06	**Tangier North Channel and Adjacent Waters, DSS Area B**	ACCOMACK CO	Waters surrounding Tangier Island. Portion of CBP segment TANMH. DSS (ADMINISTRATIVE) shellfish condemnation # 076-086 B [effective 1993-10-29].

VA Overall AU Category: **5A**

Use	Impairment	0.00 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		90020	**2006**	**2010**	

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		90020	**2006**	**2010**

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VACB-R01E-CB5	**CHESAPEAKE BAY - VA portion of CBP Segment CB5MH**	CHESAPEAKE BAY - COUNTY NOT APPLICABLE	Located in the northern part of the Virginia mainstem Bay from the mouth of the Rappahannock River and northward. HUC: 02080101.

VA Overall AU Category: **5A**

Use	Impairment	187.60 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2004**	**2010**	

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Deep-Water Aquatic Life	**Oxygen, Dissolved**		01766	**2004**	**2010**

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_ANT01A98	Antipoison Creek	LANCASTER CO	Described in the condemnation notice 017-188A, 7/13/2004. Size extended in 2006 cycle, and now incorporates old segment ANT02A00, which was deleted CB5MH

VA Overall AU Category: **5A**

Use	Impairment	0.44 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_BAL01A02	Ball Creek	NORTHUMBERLAND CO	Described in the condemnation notice 014-124B, 5/15/2001. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_BAL02A02	Ball Creek	NORTHUMBERLAND CO	From VDH-DSS SFC 014-124B, 5/15/2001, downstream to its mouth. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.17 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_BAR01A98	Barrett Creek	NORTHUMBERLAND CO	Described in the condemnation notice, 013-089D, 4/16/2004. Area expanded during 2006 cycle. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_BLS01A02	Balls Creek	NORTHUMBERLAND CO	Described in the condemnation notice 013-089B, 4/16/2004. Size expanded in 2006 cycle. Segment BLS02A04 was incorporated into this segment, then was deleted. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.18 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_BMC01A04	Betts Mill Creek	NORTHUMBERLAND CO	Described in the VDH Shellfish Condemnation 013-089I, 4/16/2004. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_CLE01A98	Cloverdale Creek	NORTHUMBERLAND CO	Described in the condemnation notice 014-124A, 5/15/2001. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_CLE02A06	Cloverdale Creek	NORTHUMBERLAND CO	Downstream of condemnation notice 014-124A, 5/15/2001. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_COC01A98	**Cockrell Creek**	NORTHUMBERLAND CO	As described in VDH-DSS Shellfish Condemnation No. 012-002B, 11/15/2004. Merged segment COC02A98 into this segment in 2006, then deleted it. Area adjusted. CB5MH. Size adjusted 2006.

VA Overall AU Category: **5A**

Use	Impairment	0.61 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_COC03A98	Cockrell Creek	NORTHUMBERLAND CO	Described in the condemnation notice. VDH-DSS SFC No. 012-002C, 11/15/2004. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.04 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_COC04A98	Cockrell Creek	NORTHUMBERLAND CO	From the downstream boundary of VDH-DSS Condemnation Notice 012-002A & C, 11/15/2004, to the mouth. Area decreased in 2006 cycle. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.43 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_COC05A06	Cockrell Creek	NORTHUMBERLAND CO	From VDH-DSS SFC No. 012-002A, 11/15/2004, downstream to mouth at Fleet Point. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.19 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_CRN01A06	Cranes Creek	NORTHUMBERLAND CO	Described in VDH-DSS (Seasonal) Shellfish Condemnation 013-089-M3, 4/16/2004. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_CRN01B06	Cranes Creek	NORTHUMBERLAND CO	Described in VDH-DSS Shellfish Condemnation 013-089-M4, 4/16/2004. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_DIV01A98	**Dividing Creek**	NORTHUMBERLAND CO	Described in the VDH-DSS SF condemnation notice 015-022A, 4/25/2003. CB5MH. This segment decreased in size for 2006; Lawrence Cove was separated into segment LRC01A06.

VA Overall AU Category: **5A**

Use	Impairment	0.23 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2004**	**2016**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_DIV03A00	**Dividing Creek**	NORTHUMBERLAND CO	From the downstream limit of VDH-DSS SFC 015-22A, 4/25/2003, to the mouth at Chesapeake Bay. CB5MH. Size adjusted in 2006 cycle due a reduction in size of the upstream condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.98 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_DVN01A04 **Davenport Creek** LANCASTER CO Described in VDH Shellfish Condemnation 017-188B, 7/13/2004

CB5MH

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_DYM01A98	Dymer Creek	LANCASTER CO	Described in the condemnation notice 016-24A, 1/6/2004. Area expanded in 2006 cycle. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.23 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_DYM02A00	Dymer Creek	LANCASTER CO	Dymer Creek downstream of VDH-DSS SFC 016-24A 1/6/2004, unless otherwise segmented. CB5MH

VA Overall AU Category: **5A**

Use	Impairment	0.75 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_DYM03A06 **Dymer Creek** LANCASTER CO Mouth of Dymer Creek at Grog Island

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Deep-Water Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 This segment also failed the applicable dissolved oxygen criteria for the deep water and deep channel uses in 2006. This includes isolated areas of the tributaries which are classified as deep water and/or deep channel.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

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Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_FLB01A00	Fleets Bay	LANCASTER CO NORTHUMBERLAND CO	Fleets Bay north of Bluff Point at Barnes Creek south to Fleets Island. CB5MH. Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment	5.21 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2002**	**2010**	01766 (DO) VAP-A34E-27, (2002 VAP-C01E-16) In 2002, this segment was listed as not supporting for DO based on the bottom deep water criteria. I During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. The segment failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Changes in Ordinary Stratification and Bottom Water Hypoxia/Anoxia
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

Deep-Water Aquatic Life	**Oxygen, Dissolved**	01766	**2002**	**2010**	01766 (DO) VAP-A34E-27, (2002, VAP-C01E-16) In 2002, this segment was listed as not supporting for DO based on the bottom deep water criteria. During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_GEO01A98	Georges Cove	LANCASTER CO	Described in the condemnation notice 016-24C, 1/6/2004. The area expanded in the 2006 cycle. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_GOU01A06	**Gougher Creek**	NORTHUMBERLAND CO	Described in VDH-DSS Shellfish Condemnation 013-089E, 4/16/2006. Area expanded in 2006 cycle. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment also failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

Deep-Water Aquatic Life	**Oxygen, Dissolved**	01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment also failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_GWR01A98	Great Wicomico River	NORTHUMBERLAND CO	Described in the condemnation notice 013-089A, 4/16/2004. CB5MH Size increased in 2004 cycle.

VA Overall AU Category: **5A**

Use	Impairment	0.55 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2004**	**2010**	01766 (DO) VAP-A34E-27 (VAP-C01E-01) In 2004, this segment was listed for dissolved oxygen (DO). During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_GWR02A00	**Great Wicomico River**	NORTHUMBERLAND CO	From VDH-DSS SFC No. 013-089A, 4/16/2004, downstream to Rogue Point. CB5MH. Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	2.05	SQUARE MILES	01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_GWR02B06	Great Wicomico River	NORTHUMBERLAND CO	As described in VDH-DSS Shellfish Condemnation No. 013-089M1, 4/16/2004. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_GWR02C06	Great Wicomico River at Coles Creek	NORTHUMBERLAND CO	As described in VDH-DSS Shellfish Condemnation No. 013-089M2, 4/16/2004. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_GWR03A06	Great Wicomico River	NORTHUMBERLAND CO	From Rogue Point (GWR02A00) downstream to Ingram Bay at Dameron Marsh. CB5MH. Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment	5.84 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment also failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Deep-Water Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment also failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

Sources: Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_HEN01A00	Henrys Creek	NORTHUMBERLAND CO	From its tidal limit to its mouth at Indian Creek.

VA Overall AU Category: **5A**

Use	Impairment	0.21 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment also failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Deep-Water Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment also failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

Sources: Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C01E_HHB01A98	Horn Harbor	NORTHUMBERLAND CO	Described in the condemnation notice 013-089H, 4/16/2004. Area expanded for the 2006 cycle. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_HNT01A98	Hunts Cove	LANCASTER CO	Described in the condemnation notice 24C, 2/27/1998. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_IND01A98	Indian Creek, Pitmans Cove	LANCASTER CO NORTHUMBERLAND CO	Described in the condemnation notice 016-57A, 11/30/2000. CB5MH. Pitmans Cove VAP-C01E_PIT01A98 and VAP-C01E_IND01A98 were incorporated into this segment, and were deleted in 2006.

VA Overall AU Category: **5A**

Use	Impairment	0.42 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_IND02A98	**Indian Creek**	LANCASTER CO NORTHUMBERLAND CO	Described in the condemnation notice 016-57B, 11/30/2000. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_IND03A00	**Indian Creek**	LANCASTER CO NORTHUMBERLAND CO	From end of condemnation 016-057A 11/30/2000, downstream to mouth. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.66 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2002**	**2010**	01766 (DO) VAP-A34E-27 (2004 VAP-C01E-23) In 2002, this segment was listed as not supporting for DO based on the bottom deep water criteria. During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment also failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Deep-Water Aquatic Life	**Oxygen, Dissolved**	01766	**2002**	**2010**	01766 (DO) VAP-A34E-27, (2004 VAP-C01E-23) In 2002, this segment was listed as not supporting for DO based on the bottom deep water criteria. During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. Virginia's CB5 mesohaline segment was determined to fail the Shallow Water Use SAV acreage standards. The segment also failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel.

Sources: Agriculture

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

Sources: Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_IND03B06	Indian Creek	NORTHUMBERLAND CO	As described in VDH-DSS Seasonal Shellfish Condemnation No. 016-M174, 4/13/1989. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2002**	**2010**	01766 (DO) VAP-A34E-27, (2004 VAP-C01E-23) During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment also failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Deep-Water Aquatic Life	**Oxygen, Dissolved**		01766	**2002**	**2010**	01766 (DO) VAP-A34E-27, (2004 VAP-C01E-23) During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

Sources: Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C01E_JAR01A02 **Jarvis Creek** NORTHUMBERLAND CO

As described in the condemnation notice 015-022F, 4/25/2003.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_JOH01A06 **Johnson Creek** LANCASTER CO Area as described in VDH-DSS SFC 016-24D 1/6/2004.

CB5MH

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_LEE01A02	**Lees Cove**	LANCASTER CO	As described in the condemnation notice 016-24B, 1/6/2004. CB5MH

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_LRC01A06	Lawrence Cove	NORTHUMBERLAND CO	As described in VDH-DSS SF Condemnation 015-022B, 4/25/2003 CB5MH. Size adjusted in 2006 cycle due a reduction in size of the upstream condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_LTB01A02 **Little Bay** LANCASTER CO Little Bay

CB5MH.

Size adjusted 2006.

VA Overall AU Category: **5A**

Use	Impairment	1.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO)

VAP-A34E-27

During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria.

In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_LTM01A98	Little Taskmasters Creek	NORTHUMBERLAND CO	Described in the condemnation notice 11-190A, 4/2/1999. DELIST: VDH-DSS SFC No. 11-190, 2/18/2004. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.04 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_MIL01A98	Mill Creek	NORTHUMBERLAND CO	Described in the condemnation notice 014-123A, 8/3/2004. The area expanded for 2006. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	0.47	SQUARE MILES	01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_MIL01B06	Mill Creek	NORTHUMBERLAND CO	Downstream of Clay Point. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	1.17 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_OWN01A98	Owens Pond	NORTHUMBERLAND CO	Described in the condemnation notice 122, 1/3/1992. CB5MH. Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	0.17	SQUARE MILES	01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_PNT01A02	Prentice Creek	NORTHUMBERLAND CO	Described in the condemnation notice 015-022D, 4/25/2003. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_PNT02A02	Prentice Creek	NORTHUMBERLAND CO	From VDH-DSS SFC 015-022D & 015-022E, 4/25/2003, downstream to its mouth. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.17 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_PNT03A02	Prentice Creek	NORTHUMBERLAND CO	Described in the condemnation notice 015-022E, 4/25/2003. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_TBS01A98	**Tabbs Creek**	LANCASTER CO	Described in the condemnation notice 016-133, 12/6/2002. Size reduced in 2004 cycle. CB5MH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	0.07	SQUARE MILES	01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_TBS02A00	**Tabbs Creek**	LANCASTER CO	Tabbs Creek downstream of VDH-DSS SFC 133, 12/6/2002. CB5MH. Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment	0.33 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment also failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Deep-Water Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

Sources: Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C01E_TIP01A98 **Tipers Creek** NORTHUMBERLAND CO

Described in the condemnation notice 013-089C, 4/16/2004.

Area expanded in 2006 cycle,

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.14 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_TOW01A06	Towles Creek	NORTHUMBERLAND CO	Described in VDH-DSS Seasonal Shellfish Condemnation 014-123M1, 8/3/2004. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_WHY01A98	Whays Creek	NORTHUMBERLAND CO	Described in the condemnation notice 013-089F, 4/16/2004. Area expanded for the 2006 cycle. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.14 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_WRH01A98 **Warehouse Creek** NORTHUMBERLAND CO

Described in the condemnation notice 013-089G, 4/16/2004. Area expanded for the 2006 cycle.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment also failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Deep-Water Aquatic Life	**Oxygen, Dissolved**	01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. The segment also failed the applicable dissolved oxygen criteria for deep water and deep channel. This includes the isolated areas of the tributaries which are classified as deep water or deep channel.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

Sources: Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C01E_XDL01A02 **Chesapeake Bay, UT** NORTHUMBERLAND CO

As described in condemnation notice 011-190, 2/18/2004.

CB5MH.

Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_XUC01A98	Unnamed Cove of Dividing Creek	NORTHUMBERLAND CO	Described in the condemnation notice 015-022C, 4/25/2003. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **01766**

VAP-C01E_ZZZ01A00	Unsegmented estuaries in C01	LANCASTER CO NORTHUMBERLAND CO	Unsegmented portion of the watershed. HUC 02080102. Size adjusted in 2006.

VA Overall AU Category: **5A**

Use	Impairment	2.97 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01766	**2006**	**2010**	01766 (DO) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In addition, the mainstem portion of the Chesapeake Bay within CB5MH had been previously assessed by DEQ as impaired for dissolved oxygen. During the 2006 cycle, the 30-day mean dissolved oxygen was acceptable, however there was insufficient data available to assess the other open water criteria, therefore the mainstem could not be delisted. Because the new standards are based on segment-wide dissolved oxygen, the coastal tributaries were also considered impaired for dissolved oxygen until such time as the remaining open water criteria can be assessed.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_ANT01A98 **Antipoison Creek** LANCASTER CO

Described in the condemnation notice 017-188A, 7/13/2004.

Size extended in 2006 cycle, and now incorporates old segment ANT02A00, which was deleted

CB5MH

VA Overall AU Category: **5A**

Use	Impairment	0.44 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standard during the 2006 cycle.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_BAL01A02	Ball Creek	NORTHUMBERLAND CO	Described in the condemnation notice 014-124B, 5/15/2001. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle. \par \par \par }
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_BAL02A02	**Ball Creek**	NORTHUMBERLAND CO	From VDH-DSS SFC 014-124B, 5/15/2001, downstream to its mouth. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.17 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_BAR01A98	**Barrett Creek**	NORTHUMBERLAND CO	Described in the condemnation notice, 013-089D, 4/16/2004. Area expanded during 2006 cycle. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	1510061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_BLS01A02	Balls Creek	NORTHUMBERLAND CO	Described in the condemnation notice 013-089B, 4/16/2004. Size expanded in 2006 cycle. Segment BLS02A04 was incorporated into this segment, then was deleted. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.18 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_BMC01A04	**Betts Mill Creek**	NORTHUMBERLAND CO	Described in the VDH Shellfish Condemnation 013-089I, 4/16/2004. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_CLE01A98	Cloverdale Creek	NORTHUMBERLAND CO	Described in the condemnation notice 014-124A, 5/15/2001. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_CLE02A06	Cloverdale Creek	NORTHUMBERLAND CO	Downstream of condemnation notice 014-124A, 5/15/2001. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_COC01A98	Cockrell Creek	NORTHUMBERLAND CO	As described in VDH-DSS Shellfish Condemnation No. 012-002B, 11/15/2004. Merged segment COC02A98 into this segment in 2006, then deleted it. Area adjusted. CB5MH. Size adjusted 2006.

VA Overall AU Category: **5A**

Use	Impairment	0.61 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle. This segment was previously listed with an observed effect for Chl_a, however for the 2006 cycle, the violation rate was acceptable. Trend analysis was performed at 7-COC001.61. There were no statistically significant trends detected.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**	10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

Sources: Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

VAP-C01E_COC03A98 **Cockrell Creek** NORTHUMBERLAND CO

Described in the condemnation notice. VDH-DSS SFC No. 012-002C, 11/15/2004.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.04 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**	10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_COC04A98	**Cockrell Creek**	NORTHUMBERLAND CO	From the downstream boundary of VDH-DSS Condemnation Notice 012-002A & C, 11/15/2004, to the mouth. Area decreased in 2006 cycle. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.43 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. Virginia's CB5 mesohaline segment was determined to fail the Shallow Water Use SAV acreage standards.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_COC05A06	**Cockrell Creek**	NORTHUMBERLAND CO	From VDH-DSS SFC No. 012-002A, 11/15/2004, downstream to mouth at Fleet Point. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.19 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	15000 (PCBs), VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_CRN01A06	Cranes Creek	NORTHUMBERLAND CO	Described in VDH-DSS (Seasonal) Shellfish Condemnation 013-089-M3, 4/16/2004. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_CRN01B06	Cranes Creek	NORTHUMBERLAND CO	Described in VDH-DSS Shellfish Condemnation 013-089-M4, 4/16/2004. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_DIV01A98	Dividing Creek	NORTHUMBERLAND CO	Described in the VDH-DSS SF condemnation notice 015-022A, 4/25/2003. CB5MH. This segment decreased in size for 2006; Lawrence Cove was separated into segment LRC01A06.

VA Overall AU Category: **5A**

Use	Impairment	0.23 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_DIV03A00	**Dividing Creek**	NORTHUMBERLAND CO	From the downstream limit of VDH-DSS SFC 015-22A, 4/25/2003, to the mouth at Chesapeake Bay. CB5MH. Size adjusted in 2006 cycle due a reduction in size of the upstream condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.98 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_DVN01A04	**Davenport Creek**	LANCASTER CO	Described in VDH Shellfish Condemnation 017-188B, 7/13/2004 CB5MH

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_DYM01A98	**Dymer Creek**	LANCASTER CO	Described in the condemnation notice 016-24A, 1/6/2004. Area expanded in 2006 cycle. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.23 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV), VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_DYM02A00	**Dymer Creek**	LANCASTER CO	Dymer Creek downstream of VDH-DSS SFC 016-24A 1/6/2004, unless otherwise segmented. CB5MH

VA Overall AU Category: **5A**

Use	Impairment	0.75 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_DYM03A06	Dymer Creek	LANCASTER CO	Mouth of Dymer Creek at Grog Island CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_FLB01A00	Fleets Bay	LANCASTER CO NORTHUMBERLAND CO	Fleets Bay north of Bluff Point at Barnes Creek south to Fleets Island. CB5MH. Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment	5.21 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_GEO01A98 **Georges Cove** LANCASTER CO

Described in the condemnation notice 016-24C, 1/6/2004. The area expanded in the 2006 cycle.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_GOU01A06	**Gougher Creek**	NORTHUMBERLAND CO	Described in VDH-DSS Shellfish Condemnation 013-089E, 4/16/2006. Area expanded in 2006 cycle. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_GWR01A98	Great Wicomico River	NORTHUMBERLAND CO	Described in the condemnation notice 013-089A, 4/16/2004. CB5MH Size increased in 2004 cycle.

VA Overall AU Category: **5A**

Use	Impairment	0.55 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_GWR02A00	Great Wicomico River	NORTHUMBERLAND CO	From VDH-DSS SFC No. 013-089A, 4/16/2004, downstream to Rogue Point. CB5MH. Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment	2.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_GWR02B06	**Great Wicomico River**	NORTHUMBERLAND CO	As described in VDH-DSS Shellfish Condemnation No. 013-089M1, 4/16/2004. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	15000 (PCBs) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_GWR02C06	Great Wicomico River at Coles Creek	NORTHUMBERLAND CO	As described in VDH-DSS Shellfish Condemnation No. 013-089M2, 4/16/2004. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_GWR03A06	**Great Wicomico River**	NORTHUMBERLAND CO	From Rogue Point (GWR02A00) downstream to Ingram Bay at Dameron Marsh. CB5MH. Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment	5.84 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_HEN01A00	Henrys Creek	NORTHUMBERLAND CO	From its tidal limit to its mouth at Indian Creek.

VA Overall AU Category: **5A**

Use	Impairment	0.21 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_HHB01A98	Horn Harbor	NORTHUMBERLAND CO	Described in the condemnation notice 013-089H, 4/16/2004. Area expanded for the 2006 cycle. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_HNT01A98	**Hunts Cove**	LANCASTER CO	Described in the condemnation notice 24C, 2/27/1998. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_IND01A98	**Indian Creek, Pitmans Cove**	LANCASTER CO NORTHUMBERLAND CO	Described in the condemnation notice 016-57A, 11/30/2000. CB5MH. Pitmans Cove VAP-C01E_PIT01A98 and VAP-C01E_IND01A98 were incorporated into this segment, and were deleted in 2006.

VA Overall AU Category: **5A**

Use	Impairment	0.42 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_IND02A98	Indian Creek	LANCASTER CO NORTHUMBERLAND CO	Described in the condemnation notice 016-57B, 11/30/2000. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Assessment information IND01A98 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_IND03A00	**Indian Creek**	LANCASTER CO NORTHUMBERLAND CO	From end of condemnation 016-057A 11/30/2000, downstream to mouth. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.66 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_IND03B06	**Indian Creek**	NORTHUMBERLAND CO	As described in VDH-DSS Seasonal Shellfish Condemnation No. 016-M174, 4/13/1989. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_JAR01A02	**Jarvis Creek**	NORTHUMBERLAND CO	As described in the condemnation notice 015-022F, 4/25/2003. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV), VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_JOH01A06	**Johnson Creek**	LANCASTER CO	Area as described in VDH-DSS SFC 016-24D 1/6/2004. CB5MH

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_LEE01A02	**Lees Cove**	LANCASTER CO	As described in the condemnation notice 016-24B, 1/6/2004. CB5MH

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_LRC01A06	Lawrence Cove	NORTHUMBERLAND CO	As described in VDH-DSS SF Condemnation 015-022B, 4/25/2003 CB5MH. Size adjusted in 2006 cycle due a reduction in size of the upstream condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_LTB01A02	Little Bay	LANCASTER CO	Little Bay CB5MH. Size adjusted 2006.

VA Overall AU Category: **5A**

Use	Impairment	1.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_LTM01A98	Little Taskmasters Creek	NORTHUMBERLAND CO	Described in the condemnation notice 11-190A, 4/2/1999. DELIST: VDH-DSS SFC No. 11-190, 2/18/2004. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.04 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-C01E-17 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_MIL01A98	**Mill Creek**	NORTHUMBERLAND CO	Described in the condemnation notice 014-123A, 8/3/2004. The area expanded for 2006. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.47 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_MIL01B06	Mill Creek	NORTHUMBERLAND CO	Downstream of Clay Point. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	1.17 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle. Based on the information collected from the Coastal 2000 station 7-MIL000.27, the Weight of Evidence results indicated there was some alteration in the benthic community. Therefore this segment was assessed with observed effects for benthics.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_OWN01A98	**Owens Pond**	NORTHUMBERLAND CO	Described in the condemnation notice 122, 1/3/1992. CB5MH. Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment	0.17 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_PNT01A02	Prentice Creek	NORTHUMBERLAND CO	Described in the condemnation notice 015-022D, 4/25/2003. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_PNT02A02	Prentice Creek	NORTHUMBERLAND CO	From VDH-DSS SFC 015-022D & 015-022E, 4/25/2003, downstream to its mouth. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.17 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_PNT03A02	Prentice Creek	NORTHUMBERLAND CO	Described in the condemnation notice 015-022E, 4/25/2003. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_TBS01A98	**Tabbs Creek**	LANCASTER CO	Described in the condemnation notice 016-133, 12/6/2002. Size reduced in 2004 cycle. CB5MH

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	7 VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_TBS02A00 **Tabbs Creek** LANCASTER CO

Tabbs Creek downstream of VDH-DSS SFC 133, 12/6/2002.

CB5MH.

Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment	0.33 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_TIP01A98	**Tipers Creek**	NORTHUMBERLAND CO	Described in the condemnation notice 013-089C, 4/16/2004. Area expanded in 2006 cycle, CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.14 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_TOW01A06	**Towles Creek**	NORTHUMBERLAND CO	Described in VDH-DSS Seasonal Shellfish Condemnation 014-123M1, 8/3/2004. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_WHY01A98 **Whays Creek** NORTHUMBERLAND CO

Described in the condemnation notice 013-089F, 4/16/2004. Area expanded for the 2006 cycle.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.14 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_WRH01A98	Warehouse Creek	NORTHUMBERLAND CO	Described in the condemnation notice 013-089G, 4/16/2004. Area expanded for the 2006 cycle. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_XDL01A02	**Chesapeake Bay, UT**	NORTHUMBERLAND CO	As described in condemnation notice 011-190, 2/18/2004. CB5MH. Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	15010061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_XUC01A98	Unnamed Cove of Dividing Creek	NORTHUMBERLAND CO	Described in the condemnation notice 015-022C, 4/25/2003. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 5 Mesohaline Embayments**

TMDL Group ID: **10061**

VAP-C01E_ZZZ01A00	Unsegmented estuaries in C01	LANCASTER CO NORTHUMBERLAND CO	Unsegmented portion of the watershed. HUC 02080102. Size adjusted in 2006.

VA Overall AU Category: **5A**

Use	Impairment	2.97 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10061	**2006**	**2010**	10061 (SAV) VAP-A34E-27 Virginia's CB5 mesohaline segment failed the SAV acreage standards during the 2006 cycle.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VACB-R01E-04CE	**CHESAPEAKE BAY - Cape Charles BSS #11, Area A**	NORTHAMPTON CO	Va Dept of Health Shellfish condemnation #11, Opposite Cape Charles City, Area "A". HUC: 02080101

VA Overall AU Category: **5A**

Use	Impairment	0.40 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2004**	**2010**	
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2004**	**2010**	
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C10E_DEP01A06	Deep Creek - Upper	ACCOMACK CO	East of town of Bayside. Upper portion of creek, from end of tidal waters downstream to approx. RM 1.6. Portion of CBP segment CB7PH. DSS Shellfish condemnation # 077-138 A.

VA Overall AU Category: **5A**

Use	Impairment (0.16 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C10E_DEP02A06	Deep Creek - Lower	ACCOMACK CO	East of town of Bayside. Lower portion of creek, from RM 1.6 downstream to mouth. Portion of CBP segment CB7PH. DSS (OPEN) Shellfish condemnation # 077-138.

VA Overall AU Category: **5A**

Use	Impairment	1.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C10E_ISB01A06	Island Bay	ACCOMACK CO	Between Russell Isl. & Long Ridge area. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnations.

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C10E_ZZZ01A06	**Unsegmented estuaries in C10E-CB7PH.**	ACCOMACK CO NORTHAMPTON CO	Evaluated non segmented portions of C10E not contained within VACB-R01E-CB7S. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnations.

VA Overall AU Category: **5A**

Use	Impairment (0.02 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C11E_CED01A00	Cedar Creek	ACCOMACK CO	Entire estuarine portion of creek. North shore tributary of Onancock Creek. Portion of CBP segment CB7PH. DSS shellfish condemnation 080-013 B.

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C11E_CSX01A00	Chesconessex Creek - Upper	ACCOMACK CO	South of Chesconessex and northwest of Onancock. Portion of CBP segment CB7PH. DSS shellfish conedmnation # 079-112.

VA Overall AU Category: **5A**

Use	Impairment	0.21 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C11E_CSX02A06	Chesconessex Creek - Lower	ACCOMACK CO	Lower portion of Chesconessex Creek, including unsegmented tidal tribs. & Back Cr., from the end DSS condemnation # 079-112 downstream to mouth (RM 0.0). Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	3.11 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C11E_FNN01A00	Finneys Creek - Upper	ACCOMACK CO	East of Bailey Neck area. South shore tributary of Onancock Creek. Portion of CBP segment CB7PH. DSS shellfish condemnation # 080-013 A.

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C11E_FNN02A00	Finneys Creek - Lower	ACCOMACK CO	East of Bailey Neck area. South shore tributary of Onancock Creek. Lower portion of creek, from the end of DSS condemnation # # 080-013 A downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C11E_LTH01A00	Leatherberry Creek	ACCOMACK CO	Entire estuarine portion of creek. South shore tributary of Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-013C.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C11E_MTC01A06	Matchotank Creek - Upper	ACCOMACK CO	South of Broadway Neck area. Portion of CBP segment CB7PH. DSS shellfish conedmnation # 080-169 (Effective 2004-01-13).

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C11E_MTC02A06	Matchotank Creek - Lower	ACCOMACK CO	Lower portion of Matchotank Creek, including unsegmented tidal tribs., from the end DSS condemnation # 080-169 downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment (0.12 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C11E_OCB01A00	Central Branch, Onancock Creek	ACCOMACK CO	Located near Town of Onancock. Entire Central Branch, Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C.

VA Overall AU Category: **5A**

Use	Impairment (0.02 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				
Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C11E_OCN01A04 **Onancock Creek - Upper** ACCOMACK CO

Located near Town of Onancock.From junction of North, Central and South Branches downstream to end of DSS condemnation (RM 3.6) midway between Leatherberry and Cedar Creeks. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C.

VA Overall AU Category: **5A**

Use	Impairment	0.23 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C11E_OCN02A04	Onancock Creek Mainstem - Lower	ACCOMACK CO	Located near Town of Onancock. From midway between Leatherberry and Cedar Creeks downstream to mouth. Portion of CBP segment CB7PH. OPEN DSS shellfish direct harvesting condemnation # 080-013.

VA Overall AU Category: **5A**

Use	Impairment (1.92 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C11E_ONB01A02	North Branch, Onancock Creek	ACCOMACK CO	Located near Town of Onancock. Entire North Branch, Onancock Creek. Portion of CBP segment CB7PH. DSS (ADMINISTRATIVE) shellfish direct harvesting condemnation 081-013 D.

VA Overall AU Category: **5A**

Use	Impairment (0.02 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C11E_OSB01A02	South Branch, Onancock Creek	ACCOMACK CO	Located near Town of Onancock. Entire South Branch, Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C.

VA Overall AU Category: **5A**

Use	Impairment (0.06 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				
Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C11E_PRK01A06	Parkers Creek	ACCOMACK CO	South shore tributary of Onancock Creek at Finneys Neck. Area around marina at mouth of Parkers Creek. Portion of CBP segment CB7PH. DSS shellfish seasonal condemnation # 080-013 M1.

VA Overall AU Category: **5A**

Use	Impairment (0.22 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C11E_TAR01A06	Tarkill Creek	ACCOMACK CO	Located in Sluitkill Neck area. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.19 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C11E_ZZZ01A00	Unsegmented estuaries in C11E.	ACCOMACK CO NORTHAMPTON CO	Evaluated non segmented portions of C11E not contained within VACB-R01E-CB7S. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnations.

VA Overall AU Category: **5A**

Use	Impairment (0.24 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C12E_PUN01A06	Pungoteague Creek - Upper	ACCOMACK CO	Located west of Town of Melfa. Upper portion of Pungoteague Cr. from headwaters to confluence with Taylor Creek (RM 2.4), and lower portion of Warehouse Prong. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 B.

VA Overall AU Category: **5A**

Use	Impairment	0.29 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C12E_PUN02A06	Pungoteague Creek - Lower	ACCOMACK CO	Located west of Town of Melfa. Lower portion of Pungoteague Cr. from confluence with Taylor Creek (RM 2.4) downstream to mouth. Portion of CBP segment CB7PH. OPEN DSS shellfish direct harvesting condemnation # 081-119.

VA Overall AU Category: **5A**

Use	Impairment	1.35 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C12E_TAY01A06	Taylor Creek	ACCOMACK CO	Located southwest of Harborton. From headwaters to confluence with Pungoteague Cr. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 C.

VA Overall AU Category: **5A**

Use	Impairment (0.16 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				
Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C12E_UNR01A06	Underhill Creek	ACCOMACK CO	In area of Mount Nebo. North shore tributary to Pungoteague Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 081-119 A. Effective 2004-10-13.

VA Overall AU Category: **5A**

Use	Impairment (0.09 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				
Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C12E_WRP01A06	Warehouse Prong - Upper	ACCOMACK CO	Located north of Bobtown and east of Boggs Wharf. Upper portion, from headwaters to confluence with UT. Portion of CBP segment CB7PH. DSS (ADMINISTRATIVE) shellfish condemnation # 081-119D.

VA Overall AU Category: **5A**

Use	Impairment (0.04 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C12E_WRP02A06	Warehouse Prong - Lower	ACCOMACK CO	Located north of Bobtown and east of Boggs Wharf. Lower portion, from confluence with UT downstream to confluence with Pungoteague Cr. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 B.

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C12E_ZZZ01A00	**Unsegmented estuaries in C12E.**	ACCOMACK CO NORTHAMPTON CO	Evaluated non segmented portions of C12E not contained within VACB-R01E-CB7S. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnations.

VA Overall AU Category: **5A**

Use	Impairment (0.00 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C13E_CHC01A00	Church Creek - Upper	NORTHAMPTON CO	In area of Elliotts Neck.Tributary to Nassawadox Creek. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-185.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C13E_CRA01A06	Craddock Creek - Upper	ACCOMACK CO	North of Scarborough Neck area. Portion of CBP segment CB7PH. DSS shellfish cendemnation # 083-195.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C13E_HGC01A06	Holly Grove Cove	NORTHAMPTON CO	Located near Wellington Neck. From end of tidal waters downstream to confluence with Nassawadox Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-110C.

VA Overall AU Category: **5A**

Use	Impairment (0.14 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C13E_KLL01A06	Kelley Cove	NORTHAMPTON CO	In Occohonnock Neck near James Wharf, trib. to upper Nassawadox Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-110 A.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C13E_NAN01A00	Nandua Creek - Upper	ACCOMACK CO	Southeast of Hacks Neck area. The two most upstream branches of Nandua Creek and mainstem downstream to area of Nandua (approx. RM 4.5). Includes Kusian Cove. Portion of CBP segment CB7PH. DSS condemnation # 082-160 A.

VA Overall AU Category: **5A**

Use	Impairment	0.15 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C13E_NAN02A06	Nandua Creek - Lower	ACCOMACK CO	Lower portion of Nandua Creek including unsegmented tidal tribs., from the confluence of Kusian Cove downstream to mouth (RM 0.0). Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	3.83 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C13E_NAN03A00	Nandua Creek - McLean Gut	ACCOMACK CO	Southwest of Fairview Neck area. Shouth shore tributary of middle Nandua Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 082-160 C.

VA Overall AU Category: **5A**

Use	Impairment (0.05 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C13E_NSS01A06	Nassawadox Creek - Upper	NORTHAMPTON CO	From end of tidal waters downstream to approx. 0.25 mi upstream of confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS condemnation # 085-110 B.

VA Overall AU Category: **5A**

Use	Impairment (0.15 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C13E_NSS02A06	Nassawadox Creek - Lower	NORTHAMPTON CO	From approx. 0.25 mi upstream of confluence with Kelly Cove (RM 5.2) downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment (3.83 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C13E_OCH01A06	Occohannock Creek - Upper	ACCOMACK CO NORTHAMPTON CO	Upper portion of Occohannock Creek and tidal tribs., from end of tidal waters downstream to the confluence of Wescott Cove (RM 5.3). Portion of CBP segment CB7PH. DSS condemnation # 084-043A.

VA Overall AU Category: **5A**

Use	Impairment	0.51 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C13E_OCH02A06	Occohannock Creek - Lower	ACCOMACK CO NORTHAMPTON CO	Lower portion of Occohannock Creek including tidal tribs., from the confluence of Wescott Cove (RM 5.3) downstream to mouth (RM 0.0). Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	2.84 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C13E_WHC01A06	Warehouse Creek - Upper	NORTHAMPTON CO	Southeast fork of upper portion of creek. Portion of CBP segment CB7PH. DSS ADMINISTRATIVE condemnation # 085-110 E (VPDES outfall condemnation for Shore Mem. Hospital STP VA0027537).

VA Overall AU Category: **5A**

Use	Impairment (0.03 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C13E_WHC02A06	Warehouse Creek - Middle	NORTHAMPTON CO	Including northern fork and continuing downstream to bend near Wellington Neck. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-110 D.

VA Overall AU Category: **5A**

Use	Impairment	0.15 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C13E_WHC03A06	Warehouse Creek - Lower	NORTHAMPTON CO	From bend near Wellington Neck downstream to mouth (confluence with Nassawadox Creek). Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment (0.20 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C13E_ZZZ01A00	Unsegmented estuaries in C13E.	ACCOMACK CO NORTHAMPTON CO	Evaluated non segmented portions of C13E. Portion of CBP segment CB7PH. No DSS shellfish condemnations.

VA Overall AU Category: **5A**

Use	Impairment	2.28 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C14E_BRL01A06	Barlow Creek - Upper	NORTHAMPTON CO	In area of Old Town Neck. Portion of CBP segment CB7PH. DSS shellfish condemnation # 086-136D.

VA Overall AU Category: **5A**

Use	Impairment	0.04 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C14E_HUG01A00	Hungars Creek - Upper	NORTHAMPTON CO	Upper portion of Hungars Creek from end tidal waters downstream to Waterford Point (RM 1.8) @ confluence with Jacobus Cr. Portion of CBP segment CB7PH. DSS shellfish direct harvesting condemnation # 086-136 A.

VA Overall AU Category: **5A**

Use	Impairment	0.22 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO). Site specific DO excursion below the previous minimum criteria (listed impaired in the 2004 IR as TMDL ID: VAT-C14E-01). The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C14E_HUG02A00	Hungars Creek - Lower	NORTHAMPTON CO	Lower portion of Hungars Creek from Waterford Point (RM 1.8) @ confluence with Jacobus Cr. downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation .

VA Overall AU Category: **5A**

Use	Impairment (1.19 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C14E_JAC01A06	Jacobus Creek - Upper South Fork	NORTHAMPTON CO	West of Johnsontown. Trib to Hungars Cr. Uppermost portion of south branch. Portion of CBP segment CB7PH. DSS Administrative Prohibition # 086-136 E - STP VA0023817 Outfall.

VA Overall AU Category: **5A**

Use	Impairment (0.03 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C14E_JAC02A06	Jacobus Creek - Middle and Forks	NORTHAMPTON CO	West of Johnsontown. Trib to Hungars Cr. Middle mainstem, north fork and lower portion of south fork. Portion of CBP segment CB7PH. DSS direct shellfish harvesting condemnation # 086-136 B.

VA Overall AU Category: **5A**

Use	Impairment (0.29 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C14E_JAC03A06	Jacobus Creek - Lower	NORTHAMPTON CO	West of Johnsontown. Trib to Hungars Cr. Lower mainstem portion. Portion of CBP segment CB7PH. No DSS direct shellfish harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	1.00 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C14E_MAT01A06	Mattawoman Creek - Upper	NORTHAMPTON CO	South of Wilsonia Neck. Portion of CBP segment CB7PH. DSS shellfish condemnation # 086-136 C.

VA Overall AU Category: **5A**

Use	Impairment	0.22 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Use	Impairment	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C14E_THG01A06	The Gulf - Upper	NORTHAMPTON CO	From end of tidal waters downstream to narrowing 0.45 mi. from mouth. Portion of CBP segment CB7PH. DSS shellfish condemnation # 087-174.

VA Overall AU Category: **5A**

Use	Impairment	0.17 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C14E_THG02A06	The Gulf - Lower	NORTHAMPTON CO	From narrowing (end of upstream DSS condemnation) downstream to mouth. Portion of CBP segment CB7PH. No DSS direct shellfish harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment (0.13 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C14E_WHS01A06	Westerhouse Creek - North Branch (Part A)	NORTHAMPTON CO	In Church Neck area, west of Bridgetown. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-199 A.

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C14E_WHS02A06	Westerhouse Creek - South Branch (Part B)	NORTHAMPTON CO	In Church Neck area, west of Bridgetown. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-199 B.

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C14E_WHS03A06	Westerhouse Creek - Lower	NORTHAMPTON CO	In Church Neck area, west of Bridgetown. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.18 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C14E_ZZZ01A00	**Unsegmented estuaries in C14E.**	NORTHAMPTON CO	Evaluated non segmented portions of C14E. Portion of CBP segment CB7PH. No DSS shellfish condemnations.

VA Overall AU Category: **5A**

Use	Impairment	3.49 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C15E_CCB01A06	Cape Charles Beach	NORTHAMPTON CO	Located west of Town of Cape Charles, along Chesapeake Bay. Portion of CBP segment CB7PH. No DSS condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C15E_CRS01A06	Cherrystone Inlet - Upper	NORTHAMPTON CO	Upper northern branch 1/5 of Inlet, from Eyreville Neck downstream to confluence with Chesapeake Bay. Including Old Castle Cr. Portion of CBP segment CB7PH. DSS condemnation # 088-139A.

VA Overall AU Category: **5A**

Use	Impairment	0.30 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C15E_CRS02A06	Cherrystone Inlet - Lower	NORTHAMPTON CO	Lower 4/5 of Inlet, from Eyreville Neck downstream to confluence with Chesapeake Bay. Portion of CBP segment CB7PH. No DSS direct harvesting shellfish condemnation .

VA Overall AU Category: **5A**

Use	Impairment	2.16 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C15E_KNS01A00	Kings Creek - Upper Forks	NORTHAMPTON CO	From end of tidal waters downstream to confluence of the two most upstream forks. Portion of CBP segment CB7PH. DSS condemnation # 088-139B.

VA Overall AU Category: **5A**

Use	Impairment (0.07 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				
Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C15E_KNS02A00	Kings Creek - Lower	NORTHAMPTON CO	From confluence of the two most upstream forks downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.27 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C16E_CCH01A04 **Cape Charles Harbor - Upper** NORTHAMPTON CO

From most upstream end of harbor downstream to 1/2 distance to mouth (RM 0.23). Portion of CBP segment CB7PH. DSS ADMINISTRATIVE condemnation # 089-011A (VPDES outfall condemnation for Cape Charles STP VA0021288).

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C16E_CCH02A00	Cape Charles Harbor - Lower	NORTHAMPTON CO	From 1/2 distance to mouth (RM 0.23) downstream to confluence with the Chesapeake Bay (RM 0.0). Portion of CBP segment CB7PH. Portion of DSS ADMINISTRATIVE condemnation # 089-011B (VPDES outfall condemnation for Cape Charles STP VA0021288).

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C16E_KPT01A06	Kiptopeke Beach	NORTHAMPTON CO	Located west of Cedar Grove, along Chesapeake Bay, near southern tip of Eastern Shore. Portion of CBP segment CB7PH. No DSS condemnations.

VA Overall AU Category: **5A**

Use	Impairment	0.44 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C16E_OPC01A06	Old Plantation Creek - Upper	NORTHAMPTON CO	From end of tidal waters downstream to narrows at approx. RM 2.0. Portion of CBP segment CB7PH. DSS shellfish condemnation # 090-152.

VA Overall AU Category: **5A**

Use	Impairment (0.11 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**	01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C16E_OPC02A00	Old Plantation Creek - Lower	NORTHAMPTON CO	From narrows at RM 2.0 downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish condemnation.

VA Overall AU Category: **5A**

Use	Impairment	1.00 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **01767**

VAT-C16E_ZZZ01A00	Unsegmented estuaries in C16E	NORTHAMPTON CO	Evaluated non-segmented estuarine portions of C16. Portion of CBP segment CB7PH. No DSS condemnations.

VA Overall AU Category: **5A**

Use	Impairment	0.80 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01767	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C10E_DEP01A06	Deep Creek - Upper	ACCOMACK CO	East of town of Bayside. Upper portion of creek, from end of tidal waters downstream to approx. RM 1.6. Portion of CBP segment CB7PH. DSS Shellfish condemnation # 077-138 A.

VA Overall AU Category: **5A**

Use	Impairment	0.16 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C10E_DEP02A06	Deep Creek - Lower	ACCOMACK CO	East of town of Bayside. Lower portion of creek, from RM 1.6 downstream to mouth. Portion of CBP segment CB7PH. DSS (OPEN) Shellfish condemnation # 077-138.

VA Overall AU Category: **5A**

Use	Impairment	1.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C10E_ISB01A06	Island Bay	ACCOMACK CO	Between Russell Isl. & Long Ridge area. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnations.

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C11E_CED01A00	Cedar Creek	ACCOMACK CO	Entire estuarine portion of creek. North shore tributary of Onancock Creek. Portion of CBP segment CB7PH. DSS shellfish condemnation 080-013 B.

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C11E_CSX01A00	Chesconessex Creek - Upper	ACCOMACK CO	South of Chesconessex and northwest of Onancock. Portion of CBP segment CB7PH. DSS shellfish conedmnation # 079-112.

VA Overall AU Category: **5A**

Use	Impairment	0.21 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

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Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C11E_CSX02A06	Chesconessex Creek - Lower	ACCOMACK CO	Lower portion of Chesconessex Creek, including unsegmented tidal tribs. & Back Cr., from the end DSS condemnation # 079-112 downstream to mouth (RM 0.0). Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	3.11 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C11E_FNN01A00	Finneys Creek - Upper	ACCOMACK CO	East of Bailey Neck area. South shore tributary of Onancock Creek. Portion of CBP segment CB7PH. DSS shellfish condemnation # 080-013 A.

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C11E_FNN02A00	Finneys Creek - Lower	ACCOMACK CO	East of Bailey Neck area. South shore tributary of Onancock Creek. Lower portion of creek, from the end of DSS condemnation # # 080-013 A downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C11E_LTH01A00	Leatherberry Creek	ACCOMACK CO	Entire estuarine portion of creek. South shore tributary of Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-013C.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C11E_MTC01A06	Matchotank Creek - Upper	ACCOMACK CO	South of Broadway Neck area. Portion of CBP segment CB7PH. DSS shellfish conedmnation # 080-169 (Effective 2004-01-13).

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C11E_MTC02A06	Matchotank Creek - Lower	ACCOMACK CO	Lower portion of Matchotank Creek, including unsegmented tidal tribs., from the end DSS condemnation # 080-169 downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.12 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C11E_OCB01A00	Central Branch, Onancock Creek	ACCOMACK CO	Located near Town of Onancock. Entire Central Branch, Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C11E_OCN01A04	Onancock Creek - Upper	ACCOMACK CO	Located near Town of Onancock.From junction of North, Central and South Branches downstream to end of DSS condemnation (RM 3.6) midway between Leatherberry and Cedar Creeks. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C.

VA Overall AU Category: **5A**

Use	Impairment	0.23 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**	76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C11E_OCN02A04	Onancock Creek Mainstem - Lower	ACCOMACK CO	Located near Town of Onancock. From midway between Leatherberry and Cedar Creeks downstream to mouth. Portion of CBP segment CB7PH. OPEN DSS shellfish direct harvesting condemnation # 080-013.

VA Overall AU Category: **5A**

Use	Impairment	1.92 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C11E_ONB01A02	North Branch, Onancock Creek	ACCOMACK CO	Located near Town of Onancock. Entire North Branch, Onancock Creek. Portion of CBP segment CB7PH. DSS (ADMINISTRATIVE) shellfish direct harvesting condemnation 081-013 D.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C11E_OSB01A02	South Branch, Onancock Creek	ACCOMACK CO	Located near Town of Onancock. Entire South Branch, Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C.

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C11E_PRK01A06	Parkers Creek	ACCOMACK CO	South shore tributary of Onancock Creek at Finneys Neck. Area around marina at mouth of Parkers Creek. Portion of CBP segment CB7PH. DSS shellfish seasonal condemnation # 080-013 M1.

VA Overall AU Category: **5A**

Use	Impairment	0.22 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C11E_TAR01A06	Tarkill Creek	ACCOMACK CO	Located in Sluitkill Neck area. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.19 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C11E_ZZZ01A00	Unsegmented estuaries in C11E.	ACCOMACK CO NORTHAMPTON CO	Evaluated non segmented portions of C11E not contained within VACB-R01E-CB7S. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnations.

VA Overall AU Category: **5A**

Use	Impairment	0.24 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C12E_PUN01A06	Pungoteague Creek - Upper	ACCOMACK CO	Located west of Town of Melfa. Upper portion of Pungoteague Cr. from headwaters to confluence with Taylor Creek (RM 2.4), and lower portion of Warehouse Prong. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 B.

VA Overall AU Category: **5A**

Use	Impairment	0.29 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**	76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C12E_PUN02A06	Pungoteague Creek - Lower	ACCOMACK CO	Located west of Town of Melfa. Lower portion of Pungoteague Cr. from confluence with Taylor Creek (RM 2.4) downstream to mouth. Portion of CBP segment CB7PH. OPEN DSS shellfish direct harvesting condemnation # 081-119.

VA Overall AU Category: **5A**

Use	Impairment	1.35 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C12E_TAY01A06	Taylor Creek	ACCOMACK CO	Located southwest of Harborton. From headwaters to confluence with Pungoteague Cr. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 C.

VA Overall AU Category: **5A**

Use	Impairment	0.16 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C12E_UNR01A06	Underhill Creek	ACCOMACK CO	In area of Mount Nebo. North shore tributary to Pungoteague Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 081-119 A. Effective 2004-10-13.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C12E_WRP01A06	Warehouse Prong - Upper	ACCOMACK CO	Located north of Bobtown and east of Boggs Wharf. Upper portion, from headwaters to confluence with UT. Portion of CBP segment CB7PH. DSS (ADMINISTRATIVE) shellfish condemnation # 081-119D.

VA Overall AU Category: **5A**

Use	Impairment (0.04 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**	76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**	76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C12E_WRP02A06	**Warehouse Prong - Lower**	ACCOMACK CO	Located north of Bobtown and east of Boggs Wharf. Lower portion, from confluence with UT downstream to confluence with Pungoteague Cr. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 B.

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C12E_ZZZ01A00	**Unsegmented estuaries in C12E.**	ACCOMACK CO NORTHAMPTON CO	Evaluated non segmented portions of C12E not contained within VACB-R01E-CB7S. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnations.

VA Overall AU Category: **5A**

Use	Impairment	0.00 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C13E_CHC01A00	Church Creek - Upper	NORTHAMPTON CO	In area of Elliotts Neck.Tributary to Nassawadox Creek. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-185.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C13E_CRA01A06	Craddock Creek - Upper	ACCOMACK CO	North of Scarborough Neck area. Portion of CBP segment CB7PH. DSS shellfish cendemnation # 083-195.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C13E_HGC01A06	Holly Grove Cove	NORTHAMPTON CO	Located near Wellington Neck. From end of tidal waters downstream to confluence with Nassawadox Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-110C.

VA Overall AU Category: **5A**

Use	Impairment (0.14 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**	76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**	76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C13E_KLL01A06	Kelley Cove	NORTHAMPTON CO	In Occohonnock Neck near James Wharf, trib. to upper Nassawadox Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-110 A.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C13E_NAN01A00	Nandua Creek - Upper	ACCOMACK CO	Southeast of Hacks Neck area. The two most upstream branches of Nandua Creek and mainstem downstream to area of Nandua (approx. RM 4.5). Includes Kusian Cove. Portion of CBP segment CB7PH. DSS condemnation # 082-160 A.

VA Overall AU Category: **5A**

Use	Impairment	0.15 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C13E_NAN02A06	Nandua Creek - Lower	ACCOMACK CO	Lower portion of Nandua Creek including unsegmented tidal tribs., from the confluence of Kusian Cove downstream to mouth (RM 0.0). Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	3.83 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C13E_NAN03A00	Nandua Creek - McLean Gut	ACCOMACK CO	Southwest of Fairview Neck area. Shouth shore tributary of middle Nandua Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 082-160 C.

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C13E_NSS01A06	Nassawadox Creek - Upper	NORTHAMPTON CO	From end of tidal waters downstream to approx. 0.25 mi upstream of confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS condemnation # 085-110 B.

VA Overall AU Category: **5A**

Use	Impairment	0.15 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C13E_NSS02A06	Nassawadox Creek - Lower	NORTHAMPTON CO	From approx. 0.25 mi upstream of confluence with Kelly Cove (RM 5.2) downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	3.83 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C13E_OCH01A06	Occohannock Creek - Upper	ACCOMACK CO NORTHAMPTON CO	Upper portion of Occohannock Creek and tidal tribs., from end of tidal waters downstream to the confluence of Wescott Cove (RM 5.3). Portion of CBP segment CB7PH. DSS condemnation # 084-043A.

VA Overall AU Category: **5A**

Use	Impairment	0.51 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C13E_OCH02A06	Occohannock Creek - Lower	ACCOMACK CO NORTHAMPTON CO	Lower portion of Occohannock Creek including tidal tribs., from the confluence of Wescott Cove (RM 5.3) downstream to mouth (RM 0.0). Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	2.84 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C13E_WHC01A06	Warehouse Creek - Upper	NORTHAMPTON CO	Southeast fork of upper portion of creek. Portion of CBP segment CB7PH. DSS ADMINISTRATIVE condemnation # 085-110 E (VPDES outfall condemnation for Shore Mem. Hospital STP VA0027537).

VA Overall AU Category: **5A**

Use	Impairment (0.03 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**	76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**	76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C13E_WHC02A06	Warehouse Creek - Middle	NORTHAMPTON CO	Including northern fork and continuing downstream to bend near Wellington Neck. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-110 D.

VA Overall AU Category: **5A**

Use	Impairment	0.15 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C13E_WHC03A06	Warehouse Creek - Lower	NORTHAMPTON CO	From bend near Wellington Neck downstream to mouth (confluence with Nassawadox Creek). Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.20 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C13E_ZZZ01A00	**Unsegmented estuaries in C13E.**	ACCOMACK CO NORTHAMPTON CO	Evaluated non segmented portions of C13E. Portion of CBP segment CB7PH. No DSS shellfish condemnations.

VA Overall AU Category: **5A**

Use	Impairment	2.28 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C14E_BRL01A06	Barlow Creek - Upper	NORTHAMPTON CO	In area of Old Town Neck. Portion of CBP segment CB7PH. DSS shellfish condemnation # 086-136D.

VA Overall AU Category: **5A**

Use	Impairment	0.04 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C14E_HUG01A00	Hungars Creek - Upper	NORTHAMPTON CO	Upper portion of Hungars Creek from end tidal waters downstream to Waterford Point (RM 1.8) @ confluence with Jacobus Cr. Portion of CBP segment CB7PH. DSS shellfish direct harvesting condemnation # 086-136 A.

VA Overall AU Category: **5A**

Use	Impairment	0.22 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C14E_HUG02A00	Hungars Creek - Lower	NORTHAMPTON CO	Lower portion of Hungars Creek from Waterford Point (RM 1.8) @ confluence with Jacobus Cr. downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation .

VA Overall AU Category: **5A**

Use	Impairment	1.19 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C14E_JAC01A06	Jacobus Creek - Upper South Fork	NORTHAMPTON CO	West of Johnsontown. Trib to Hungars Cr. Uppermost portion of south branch. Portion of CBP segment CB7PH. DSS Administrative Prohibition # 086-136 E - STP VA0023817 Outfall.

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C14E_JAC02A06	Jacobus Creek - Middle and Forks	NORTHAMPTON CO	West of Johnsontown. Trib to Hungars Cr. Middle mainstem, north fork and lower portion of south fork. Portion of CBP segment CB7PH. DSS direct shellfish harvesting condemnation # 086-136 B.

VA Overall AU Category: **5A**

Use	Impairment	0.29 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C14E_JAC03A06	Jacobus Creek - Lower	NORTHAMPTON CO	West of Johnsontown. Trib to Hungars Cr. Lower mainstem portion. Portion of CBP segment CB7PH. No DSS direct shellfish harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	1.00 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C14E_MAT01A06	Mattawoman Creek - Upper	NORTHAMPTON CO	South of Wilsonia Neck. Portion of CBP segment CB7PH. DSS shellfish condemnation # 086-136 C.

VA Overall AU Category: **5A**

Use	Impairment	0.22 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C14E_THG01A06	The Gulf - Upper	NORTHAMPTON CO	From end of tidal waters downstream to narrowing 0.45 mi. from mouth. Portion of CBP segment CB7PH. DSS shellfish condemnation # 087-174.

VA Overall AU Category: **5A**

Use	Impairment	0.17 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C14E_THG02A06	The Gulf - Lower	NORTHAMPTON CO	From narrowing (end of upstream DSS condemnation) downstream to mouth. Portion of CBP segment CB7PH. No DSS direct shellfish harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.13 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C14E_WHS01A06	Westerhouse Creek - North Branch (Part A)	NORTHAMPTON CO	In Church Neck area, west of Bridgetown. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-199 A.

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C14E_WHS02A06	Westerhouse Creek - South Branch (Part B)	NORTHAMPTON CO	In Church Neck area, west of Bridgetown. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-199 B.

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C14E_WHS03A06	Westerhouse Creek - Lower	NORTHAMPTON CO	In Church Neck area, west of Bridgetown. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.18 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C14E_ZZZ01A00	Unsegmented estuaries in C14E.	NORTHAMPTON CO	Evaluated non segmented portions of C14E. Portion of CBP segment CB7PH. No DSS shellfish condemnations.

VA Overall AU Category: **5A**

Use	Impairment	3.49 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C15E_CCB01A06	Cape Charles Beach	NORTHAMPTON CO	Located west of Town of Cape Charles, along Chesapeake Bay. Portion of CBP segment CB7PH. No DSS condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C15E_CRS01A06	Cherrystone Inlet - Upper	NORTHAMPTON CO	Upper northern branch 1/5 of Inlet, from Eyreville Neck downstream to confluence with Chesapeake Bay. Including Old Castle Cr. Portion of CBP segment CB7PH. DSS condemnation # 088-139A.

VA Overall AU Category: **5A**

Use	Impairment	0.30 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C15E_CRS02A06	Cherrystone Inlet - Lower	NORTHAMPTON CO	Lower 4/5 of Inlet, from Eyreville Neck downstream to confluence with Chesapeake Bay. Portion of CBP segment CB7PH. No DSS direct harvesting shellfish condemnation .

VA Overall AU Category: **5A**

Use	Impairment	2.16 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C15E_KNS01A00	Kings Creek - Upper Forks	NORTHAMPTON CO	From end of tidal waters downstream to confluence of the two most upstream forks. Portion of CBP segment CB7PH. DSS condemnation # 088-139B.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C15E_KNS02A00	Kings Creek - Lower	NORTHAMPTON CO	From confluence of the two most upstream forks downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.27 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C16E_CCH01A04	Cape Charles Harbor - Upper	NORTHAMPTON CO	From most upstream end of harbor downstream to 1/2 distance to mouth (RM 0.23). Portion of CBP segment CB7PH. DSS ADMINISTRATIVE condemnation # 089-011A (VPDES outfall condemnation for Cape Charles STP VA0021288).

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C16E_CCH02A00	Cape Charles Harbor - Lower	NORTHAMPTON CO	From 1/2 distance to mouth (RM 0.23) downstream to confluence with the Chesapeake Bay (RM 0.0). Portion of CBP segment CB7PH. Portion of DSS ADMINISTRATIVE condemnation # 089-011B (VPDES outfall condemnation for Cape Charles STP VA0021288).

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C16E_KPT01A06	Kiptopeke Beach	NORTHAMPTON CO	Located west of Cedar Grove, along Chesapeake Bay, near southern tip of Eastern Shore. Portion of CBP segment CB7PH. No DSS condemnations.

VA Overall AU Category: **5A**

Use	Impairment	0.44 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C16E_OPC01A06	Old Plantation Creek - Upper	NORTHAMPTON CO	From end of tidal waters downstream to narrows at approx. RM 2.0. Portion of CBP segment CB7PH. DSS shellfish condemnation # 090-152.

VA Overall AU Category: **5A**

Use	Impairment	0.11 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C16E_OPC02A00	Old Plantation Creek - Lower	NORTHAMPTON CO	From narrows at RM 2.0 downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish condemnation.

VA Overall AU Category: **5A**

Use	Impairment	1.00 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 7 Polyhaline Embayments**

TMDL Group ID: **76092**

VAT-C16E_ZZZ01A00	Unsegmented estuaries in C16E	NORTHAMPTON CO	Evaluated non-segmented estuarine portions of C16. Portion of CBP segment CB7PH. No DSS condemnations.

VA Overall AU Category: **5A**

Use	Impairment	0.80 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76092	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 8 Polyhaline Embayments**

TMDL Group ID: **76091**

VAT-C08E_CBB01A06	Chesapeake Bay Beaches	NORFOLK CITY VIRGINIA BEACH CITY	Located along Chesapeake Bay, inn cities of Norfolk and Virginia Beach. Portion of CBP segment CB8PH. No DSS shellfish direct harvesting condemnations present.

VA Overall AU Category: **5A**

Use	Impairment (2.54 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**	76091	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**	76091	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 8 Polyhaline Embayments**

TMDL Group ID: **76091**

VAT-C08E_LCC01A06	Little Creek & Harbor (except mouth)	NORFOLK CITY	Entire area of Little Creek and upper portion of Little Creek Harbor. From headwaters of Little Cr. downstream to lower portion of Harbor @ RM 0.2. CBP segment CB8PH. DSS (ADMINISTRATIVE) condemnation # 068-017.

VA Overall AU Category: **5A**

Use	Impairment	1.00 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76091	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76091	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay 8 Polyhaline Embayments**

TMDL Group ID: **76091**

VAT-C08E_LCC02A06	Little Creek Harbor - Mouth	NORFOLK CITY	From approx. RM 0.2 downstream to mouth. CBP segment CB8PH. DSS (ADMINISTRATIVE) condemnation # 068-017.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76091	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76091	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C07E_BAK01A00 **Mainstem Back River** HAMPTON CITY POQUOSON CITY CITY

From junction of Northwest and Southwest Branches downstream to mouth of Back River. Portion of CBP Segment MOBPH. No DSS shellfish condemnations.

VA Overall AU Category: **5A**

Use	Impairment	0.56 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_BCB01A06 **Buckroe Beaches** HAMPTON CITY

From northeast of Buckroe Beach southwest to Parallel with start of Mill Cr. Portion of CBP Segment CB8PH. No DSS shellfish condemnations.

VA Overall AU Category: **5A**

Use	Impairment	0.22 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_BCK01A00 **Back Creek - Upper** YORK CO

Back Creek (S of York R mouth) is a tributary to The Thorofare and Chesapeake Bay. From end of tidal waters downstream to point upstream of Dandy (RM 1.6). CBP Segment MOBPH. DSS shellfish condemnation # 053-151A.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_BCK02A06 **Back Creek - Middle (DSS-marina area)** YORK CO

Back Creek (S of York R mouth) is a tributary to The Thorofare and Chesapeake Bay. CBP Segment MOBPH. Area within DSS shellfish condemnation # 053-151 M1, around marina area (Effective 2005-11-03).

VA Overall AU Category: **5A**

Use	Impairment	0.19 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C07E_BCK03A06 — **Back Creek - Lower** — YORK CO

Back Creek (S of York R mouth) is a tributary to The Thorofare and Chesapeake Bay. CBP Segment MOBPH. From upstream of Dandy (RM 1.6) downstream to mouth (RM 0.0). DSS shellfish condemnation # 053-151 (OPEN, Effective 2004-04-26).

VA Overall AU Category: **5A**

Use	Impairment	0.49 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_BRK01A06 — **Brick Kiln Creek** — HAMPTON CITY YORK CO

From 0.3 mi. downstream of Big Bethel Res. dam (approx. RM 5.0, end of tidal waters north of Ebenezer Church) downstream to confluence with Northwest Br. Back R. CBP Segment MOBPH. Portion of DSS shellfish condemnation #054-021C.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_CCR01A06 — **Cedar & Topping Creeks** — POQUOSON CITY CITY

Located near City of Poquoson. Cedar & Topping Creeks are tribs to the north shore of the Northwest Branch of Back River. Portion of DSS condemnation # 054-021C (less NW Br Back R./Brick Kiln Cr. portion). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_CHS01A06 — **Chisman Creek-Upper & Goose Cr** — POQUOSON CITY CITY

From end of tidal waters (upper 2/3 of creek), downstream to area of Evergreen Shores (approx. RM 0.9). CBP Segment MOBPH. DSS condemnation # 053-137A.

VA Overall AU Category: **5A**

Use	Impairment	0.51 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C07E_CHS02A06 — **Chisman Creek-Lower North Shore (Marina)** — POQUOSON CITY CITY

North shore of creek, area of Cheeseman. Contains DSS seasonal condemnation # 053-137 M2. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_CHS02B06 — **Chisman Creek - Lower** — POQUOSON CITY CITY

Lower 1/3 of creek, downstream from area of Evergreen Shores (RM 0.9) to mouth. CBP Segment MOBPH. DSS (OPEN) condemnation # 053-137.

VA Overall AU Category: **5A**

Use	Impairment	0.64 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_EAS01A06 — **Easton Cove/Floyds Bay** — POQUOSON CITY CITY

Located in southeast corner of Bennett Cr, trib to Poquoson River. Area of York Haven Anchorage. Includes Easton Cove and Floyds Bay. DSS shellfish condemnation # 053-137I (Effective 2004-04-26). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.18 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_FRT01A06 — **Front Cove** — POQUOSON CITY CITY

North shore trib. to mainstem Back R. Adjacent to Messick Point. DSS shellfish condemnation # 054-021A (Effective 2004-06-02, previously in # 193 - effective 1998-06-24). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C07E_GRV01A06 **Grandview Pier & Saltponds Beaches** HAMPTON CITY

From Grandview beach southwest to northeast of Buckroe Beach. Portion of CBP Segment CB8PH. No DSS shellfish condemnations.

VA Overall AU Category: **5A**

Use	Impairment	Impairment	0.34 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**			76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_HAR01A06 **Harris River - Upper** HAMPTON CITY

South shore trib. to mainstem Back R. Adjacent to Fox Hill area. DSS shellfish condemnation # 054-215A (Effective 2004-06-02, previously in # 054-021G - effective 2002-06-25). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	Impairment	0.28 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**			76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_HAR02A06 **Harris River - Lower** HAMPTON CITY

South shore trib. to mainstem Back R. Adjacent to Fox Hill area. From end of upstream DSS condemn (approx. RM 0.5) downstream to mouth. No DSS shellfish harvesting condemnation. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	Impairment	0.13 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**			76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_INB01A04 **DSS Inlet #2-Unnamed Inlet of Back River** HAMPTON CITY

South shore trib. to mainstem Back R.Located in unnamed inlet west of Dandy Point. On south shore of Back River, southwest of mouth and east of Harris R. DSS condemnation # 054-215B (effective 2004-06-02). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**			76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C07E_LMC01A04 — **Lambs Creek - Poquoson River** — POQUOSON CITY CITY YORK CO

South shore tributary to Poquoson R, west of Poquoson Shores. On border of Poquoson/York boundary. Between Moores Cr. and Roberts Cr to east. DSS Shellfish condemnation # 053-137 E (effective 2004-04-26). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.16 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_LON01A06 — **Long & Grunland Creeks - Back River** — HAMPTON CITY

South shore trib. to mainstem Back R. Adjacent to Grandview area. DSS (ADMINISTRATIVE) shellfish harvesting condemnation # 054-215 D (effective 2004-06-02). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.17 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_LYO01A06 — **Lyons Creek - Upper** — POQUOSON CITY CITY

South shore tributary to Poquoson R, in area of York Haven Anchorage. East of Roberts Cr. and north of White House Cove. DSS Shellfish condemnation # 053-137 E (effective 2004-04-26). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.04 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_LYO02A06 — **Lyons Creek - Lower** — POQUOSON CITY CITY

South shore tributary to Poquoson R, in area of York Haven Anchorage. East of Roberts Cr. and north of White House Cove. DSS (OPEN) Shellfish condemnation # 053-137 (effective 2004-04-26). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C07E_NEW01A02 — **Newmarket Creek - Upper** — HAMPTON CITY

South of Blue Bird Gap Farm area. From end of tidal waters (approx. RM 5.1) downstream to I-64 crossing (RM 3.68). Portion of DSS shellfish condemnation # 054-021 E (effective 2004-06-02). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_NEW02A02 — **Newmarket Creek - Lower** — HAMPTON CITY

South of Blue Bird Gap Farm area. From end of tidal waters (approx. RM 5.1) downstream to I-64 crossing (RM 3.68). Portion of DSS shellfish condemnation # 054-021 E (effective 2004-06-02). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_NWB01A06 — **Northwest Br. Back River - Upper** — HAMPTON CITY POQUOSON CITY CITY

Headwaters to confluence of Topping Creek @ RM 1.5, end of DSS shellfish condemnation #054-021C. Condemnation less Cedar/Topping & Brick Kiln Creeks. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.39 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_NWB02A06 — **Northwest Br. Back River - Lower** — HAMPTON CITY POQUOSON CITY CITY

From area of confluence of Topping Creek (approx. RM 1.5) downstream to confluence with mainstem Back R. No DSS direct shellfish harvesting condmenation. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	1.11 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C07E_POQ01A06 **Poquoson River - Upper** YORK CO

From Rt 17 crossing @ reservoir dam (RM 5.7) downstream to point downstream of confluence of Quarter March Creek (RM 2.7) @ Calthrop Neck, DSS shellfish condemnation # 053-137D. Including Moores & Quarter March Creeks. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.40 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_POQ02A06 **Poquoson River - Lower** YORK CO

From point downstream of confluence of Quarter March Creek (RM 2.7) @ Calthrop Neck to mouth. No DSS shellfish harvesting condemnation. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	2.45 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_POQ02B04 **Unnamed Cove - Poquoson River** YORK CO

North shore trib to Poquoson R. east of Piney Point Estates. DSS shellfish condemnation # 053-137B. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_PTC01A04 **Patricks Creek - Poquoson River** YORK CO

North shore trib to Poquoson R. South of Dare area.DSS Shellfish condemnation # 053-137 C. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C07E_ROB01A04 **Roberts Creek - Poquoson River** POQUOSON CITY CITY

South shore trib to Poquoson R. South of Dare area. DSS Shellfish condemnation # 053-137 F. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.11	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_SWB01A06 **Southwest Branch - Back River** HAMPTON CITY

Headwaters of Southwest Branch downstream to mouth, confluence with Back R. Includes Tides Mill Cr. DSS shellfish condemnation # 054-021E. CBP segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	1.76	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_TBC01A04 **Tabbs Creek - Back River** POQUOSON CITY CITY

Tributary to Northwest Branch Back River. Portion of DSS shellfish condemnation # 054-021D. CBP segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.07	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_WAL01A06 **Wallace Creek - Upper (Back River)** HAMPTON CITY

Tributary to south shore Back River, east of Harris R & adjacent to Inlet #2. Most ustream tip of creek. DSS (ADMINISTRATIVE) shellfish condemnation # 054-215 E. CBP segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.01	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C07E_WAL02A06 — **Wallace Creek - Lower (Back River)** — HAMPTON CITY

Tributary to south shore Back River, east of Harris R & adjacent to Inlet #2. DSS shellfish condemnation # 054-215 C. CBP segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment		TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.06 SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_WAT01A06 — **Watts Creek - (NW Br. Back River)** — POQUOSON CITY CITY

Located southwest of Poquoson. Watts Cr. trib to Northwest Br. of Back R. Portion of DSS condemnation # 054-021B. CBP segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment		TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.01 SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_WHH01A06 — **White House Cove - Upper** — POQUOSON CITY CITY

Located in York Haven Anchorage area, south of mouth of Poquoson R, area of DSS Shellfish condemnation # 053-137 H. CBP segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment		TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.10 SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C07E_ZZZ01A00 — **Unsegmented estuaries in C07E** — HAMPTON CITY YORK CO

Non segmented areas of C07E. No DSS direct shellfish harvesting condmenation. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment		TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	31.81 SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C08E_BBY01A06 **Broad Bay - Upper** VIRGINIA BEACH CITY

Located adjacent to Broad Bay Colony area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation # 071-025 C (balance in VAT-C08E_DEY01A00, _LKN01A00 & _CRY01A00).

VA Overall AU Category: **5D**

Use	Impairment		TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.90 SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C08E_BBY02A06 **Broad Bay - Lower** VIRGINIA BEACH CITY

Located adjacent to Broad Bay Colony area of VB. East of Lynnhaven River. Lower portion of bay. Portion of CBP segment LYNPH. DSS (OPEN) shellfish direct harvesting condemnation # 071-025.

VA Overall AU Category: **5A**

Use	Impairment		TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.34 SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C08E_CBB01A06 **Chesapeake Bay Beaches** NORFOLK CITY, VIRGINIA BEACH CITY

Located along Chesapeake Bay, inn cities of Norfolk and Virginia Beach. Portion of CBP segment CB8PH. No DSS shellfish direct harvesting condemnations present.

VA Overall AU Category: **5A**

Use	Impairment		TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	2.54 SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C08E_CRY01A00 **Crystal Lake** VIRGINIA BEACH CITY

Includes Rainey Gut. Located in North Linkhorn Park area in Virginia Beach. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_DEY01A00, _LKN01A00 & _CRY01A00).

VA Overall AU Category: **5D**

Use	Impairment		TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.13 SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C08E_DEY01A00 — **Dey Cove/Mill Dam Creek** — VIRGINIA BEACH CITY

Located attached to west shore of Broad Bay Colony area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _LKN01A00 & _LON01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C08E_EBL01A06 — **Eastern Branch - Upper, Lynnhaven River** — VIRGINIA BEACH CITY

From end of London Br. Cr. (Rt 58 crossing) downstream to eastern shore embayment near Forest Hills. Portion of CBP segment LYNPH.Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, LYN01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.70 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C08E_EBL02A06 — **Eastern Branch - Lower, Lynnhaven River** — VIRGINIA BEACH CITY

From eastern shore embayment near Forest Hills downstream to confluence with mainstem. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _LKN01A00 & _LON01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.29 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C08E_LCC01A06 — **Little Creek & Harbor (except mouth)** — NORFOLK CITY

Entire area of Little Creek and upper portion of Little Creek Harbor. From headwaters of Little Cr. downstream to lower portion of Harbor @ RM 0.2. CBP segment CB8PH. DSS (ADMINISTRATIVE) condemnation # 068-017.

VA Overall AU Category: **5A**

Use	Impairment	1.00 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C08E_LCC02A06 | **Little Creek Harbor - Mouth** | NORFOLK CITY | From approx. RM 0.2 downstream to mouth. CBP segment CB8PH. DSS (ADMINISTRATIVE) condemnation # 068-017.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2014**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04. Previous IM (2004; VAT-C08E-09) @ DEQ CORE station 7-LCC000.19 Fish Consumption Partial support due to PCBs in 2 species fish tissue 1998. The previous TMDL due date of 2014 will be retained.

Sources: Source Unknown

VAT-C08E_LKN01A00 | **Linkhorn Bay** | VIRGINIA BEACH CITY | Located adjacent to Linkhorn Estates area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _BBY01A00 & _LON01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.95 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C08E_LNC01A00 | **Little Neck Creek** | VIRGINIA BEACH CITY | Eastern shore tributary of Linkhorn Bay, near Bay Colony. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _BBY01A00 & _LON01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.33 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C08E_LOB01A00 | **London Bridge Creek** | VIRGINIA BEACH CITY | Entirety of creek, from headwaters near Shipps Corner downstream to Rt. 58 crossing. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, WES01A00, LYN01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C08E_LON01A00 **Long Creek** VIRGINIA BEACH CITY

Northern shore tributary of Broad Bay, near Bay Island area. Portion of CBP segment LYNPH. DSS shellfish direct harvesting condemnation #071-025 B. Effective 2003-12-11.

VA Overall AU Category: **5D**

Use	Impairment	0.27 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C08E_LYN01A06 **Lynnhaven River - Mainstem** VIRGINIA BEACH CITY

Tributary to shouth shore of Chesapeake Bay. Mainstem area near mouth. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation # 071-025 A (balance in VAT-C08E_EBL01A00, _WES01A00). Effective 2003-12-11

VA Overall AU Category: **5D**

Use	Impairment	1.31 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C08E_THA01A02 **Thalia Creek/Thurston Branch** VIRGINIA BEACH CITY

Beginning of Thalia Creek (includes Thurston Branch) from headwaters downstream to Western Br. Lynnhaven R. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, _LYN01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.16 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C08E_WES01A06 **Western Branch - Upper, Lynnhaven River** VIRGINIA BEACH CITY

From the end of Thurston Branch downstream to Witch Duck Point. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, LYN01A00). Effective 2003-12-11.

VA Overall AU Category: **5D**

Use	Impairment	0.28 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C08E_WES02A06 — **Western Branch - Lower, Lynnhaven River** — VIRGINIA BEACH CITY

From Witch Duck Point downstream to confluence with mainstem. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, _LYN01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.40 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C08E_WNC01A00 — **West Neck Creek (Upper) to London Bridge Creek** — VIRGINIA BEACH CITY

From Princess Anne Rd. crossing downstream to junction with London Bridge Cr. at Shipps Corner area. Segment has been determined by USGS to drain to C08E (Lynnhaven River). Portion of CBP segment LYNPH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5D**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C08E_XBO01A00 — **Canal No. 2** — VIRGINIA BEACH CITY

Man-Made tributary to London Bridge Creek. Entire length of Canal No. 2. Portion of CBP segment LYNPH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5D**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C08E_ZZZ01A00 — **Unsegmented tidal tributaries in C09E-LYNPH** — VIRGINIA BEACH CITY

Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A and C (balance in VAT-C08E_EBL01A00, WES01A00, _LYN01A00 & _DEY01A00, _LKN01A00 & _CRY01A00).

VA Overall AU Category: **5D**

Use	Impairment	1.63 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C09E_BLB01A06 **Bulbeggar Creek** ACCOMACK CO

Located southeast of Pitts Neck area. From estuarine/riverine transition (end of tidal waters) downstream to mouth (confluence with Pocomoke Sound). Portion of CBP segment POCOH. Portion of DSS shellfish condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.12	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C09E_POC01A06 **Pocomoke River** ACCOMACK CO

Located northeast of Pitts Neck area, along VA/MD border. From VA/MD state line downstream to mouth (confluence with Pocomoke Sound) within VA. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.21	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C09E_PTT01A06 **Pitts Creek** ACCOMACK CO

Located northeast of Pitts Neck area, along VA/MD border. From VA/MD state line downstream to mouth (confluence with Pocomoke River) within VA. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.36	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C09E_ZZZ01A06 **Unsegmented tidal tributaries in C09E-POCOH** ACCOMACK CO

Evaluated non segmented portions of C09E. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.02	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C09E_ZZZ02A06 | **Unsegmented Pocomoke Sound in POCOH** | ACCOMACK CO | Evaluated non segmented portions of C09E. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment	0.74 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C10E_BAG01A00 | **Bagwell Creek** | ACCOMACK CO | Northwest of Town of Justisville. Entirety of creek. Portion of CBP segment POCMH. DSS shellfish direct harvesting condemnation # 077-138 C.

VA Overall AU Category: **5A**

Use	Impairment	0.19 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C10E_DEP01A06 | **Deep Creek - Upper** | ACCOMACK CO | East of town of Bayside. Upper portion of creek, from end of tidal waters downstream to approx. RM 1.6. Portion of CBP segment CB7PH. DSS Shellfish condemnation # 077-138 A.

VA Overall AU Category: **5A**

Use	Impairment	0.16 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C10E_DEP02A06 | **Deep Creek - Lower** | ACCOMACK CO | East of town of Bayside. Lower portion of creek, from RM 1.6 downstream to mouth. Portion of CBP segment CB7PH. DSS (OPEN) Shellfish condemnation # 077-138.

VA Overall AU Category: **5A**

Use	Impairment	1.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C10E_GLF01A06 **Guilford Creek - Upper** ACCOMACK CO

Northeast of Town of Guilford. Upper portion of creek, from end of tidal waters downstream to end of DSS condemnation. Portion of CBP segment POCMH. DSS shellfish condemnation # 076-176 B.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.15	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C10E_GLF02A06 **Guilford Creek - Lower** ACCOMACK CO

Northeast of Town of Guilford. Lower portion of creek, from end of DSS condemnation downstream to mouth. Portion of CBP segment POCMH. DSS (OPEN) shellfish direct harvesting condemnation # 076-176 B.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.59	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C10E_GSH01A06 **Guard Shore Beach** ACCOMACK CO

In Old Cove (Beasley Bay). Located at Bailey Ridge, West of Bloxom. Portion of CBP segment POCMH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.00	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C10E_HLD01A06 **Holdens Creek - Upper** ACCOMACK CO

Located southeast of Joeys Neck area. From estuarine/riverine transition (end of tidal waters) downstream to 0.5 mi downstream of station @ 7-HLD002.67. Portion of CBP segment POCOH. Portion of DSS shellfish condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.03	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C10E_HLD02A06 **Holdens Creek - Lower** ACCOMACK CO

Located southeast of Joeys Neck area. From 0.5 mi downstream of station @ 7-HLD002.67 downstream to mouth. Portion of CBP segment POCOH. Portion of DSS shellfish condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
		0.05	SQUARE MILES				
Fish Consumption	**PCB in Fish Tissue**			76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C10E_HUN01A00 **Hunting Creek - Upper** ACCOMACK CO

West of Town of Hopkins. Upper portion of creek, from headwaters downstream to end of DSS condemnation. Portion of CBP segment POCMH. DSS condemnation # 077-138 B.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
		0.19	SQUARE MILES				
Fish Consumption	**PCB in Fish Tissue**			76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C10E_HUN02A06 **Hunting Creek - Lower** ACCOMACK CO

West of Town of Hopkins. Lower portion of creek, from end of DSS condemnation downstream to mouth. Portion of CBP segment POCMH. DSS (OPEN) shellfish direct harvesting condemnation # 077-138.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
		0.69	SQUARE MILES				
Fish Consumption	**PCB in Fish Tissue**			76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C10E_ISB01A06 **Island Bay** ACCOMACK CO

Between Russell Isl. & Long Ridge area. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnations.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
		0.06	SQUARE MILES				
Fish Consumption	**PCB in Fish Tissue**			76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C10E_MES01A06 **Messongo Creek - Upper** ACCOMACK CO

Located southeast of Saxis. From end of tidal waters downstream to 0.4 mi downstream of Rt 690 crossing. Portion of CBP segment POCMH. Upstream portion of DSS shellfish direct harvesting condemnation # 076-167 A.

VA Overall AU Category: **5A**

Use	Impairment	Impairment	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
	0.01 SQUARE MILES					
Fish Consumption		**PCB in Fish Tissue**	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C10E_MES02A06 **Messongo Creek - Middle** ACCOMACK CO

Located southeast of Saxis. From 0.4 mi downstream of Rt 690 crossing, downstream to end of DSS condemnation near Town of Belinda. Portion of CBP segment POCMH. Downstream portion of DSS shellfish direct harvesting condemnation # 076-167 A.

VA Overall AU Category: **5A**

Use	Impairment	Impairment	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
	0.27 SQUARE MILES					
Fish Consumption		**PCB in Fish Tissue**	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C10E_MES03A06 **Messongo Creek - Lower** ACCOMACK CO

Located southeast of Saxis. From end of DSS condemnation near Town of Belinda downstream to the mouth. Portion of CBP segment POCMH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	Impairment	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
	0.94 SQUARE MILES					
Fish Consumption		**PCB in Fish Tissue**	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C10E_MUD01A04 **Muddy Creek - Upper** ACCOMACK CO

Located Southeast of Bryds Marsh and northeast of Town of Bloxom on Eastern Shore. Portion of CBP segment POCMH. DSS shellfish direct harvesting condemnation # 076-176 A.

VA Overall AU Category: **5A**

Use	Impairment	Impairment	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
	0.34 SQUARE MILES					
Fish Consumption		**PCB in Fish Tissue**	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C10E_MUD02A06 **Muddy Creek - Lower** ACCOMACK CO

Located Southeast of Bryds Marsh and northeast of Town of Bloxom. Lower portion of creek, from end of DSS condemnation downstream to mouth. Portion of CBP segment POCMH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.32 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C10E_STR01A06 **Starling Creek - Upper** ACCOMACK CO

Northwest shore of Saxis Island area. Upper portion of creek, from end of tidal waters downstream to end of DSS condemnation. Portion of CBP segment POCMH. DSS shellfish condemnation # 075-118 A.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C10E_STR02A06 **Starling Creek - Lower** ACCOMACK CO

Located on Saxis Island, southwest of Pocomoke Sound. Embayment at town of Saxis. Lower portion of creek, from end of DSS condemnation downstream to mouth. Portion of CBP segment POCMH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C10E_YOU01A06 **Young Creek - Upper** ACCOMACK CO

Northeast of Town of Guilford. Upper portion of creek, from end of tidal waters downstream to end of DSS condemnation. Portion of CBP segment POCMH. DSS shellfish condemnation # 076-176 C.

VA Overall AU Category: **5A**

Use	Impairment	0.13 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C10E_YOU02A06 | **Young Creek - Lower** | ACCOMACK CO | Northeast of Town of Guilford. Lower portion of creek, from end of DSS condemnation downstream to mouth. Portion of CBP segment POCMH. DSS (OPEN) shellfish direct harvesting condemnation # 076-176 C.

VA Overall AU Category: **5A**

Use	Impairment	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**			76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C10E_ZZZ01A06 | **Unsegmented estuaries in C10E-CB7PH.** | ACCOMACK CO NORTHAMPTON CO | Evaluated non segmented portions of C10E not contained within VACB-R01E-CB7S. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnations.

VA Overall AU Category: **5A**

Use	Impairment	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**			76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C10E_ZZZ02A06 | **Unsegmented estuaries in C10E-POCMH.** | ACCOMACK CO | Evaluated non segmented portions of C10E not contained within VACB-R01E-CB7S. Portion of CBP segment POCMH. No DSS shellfish direct harvesting condemnations.

VA Overall AU Category: **5A**

Use	Impairment	Impairment	3.22 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**			76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C10E_ZZZ04A06 | **Unsegmented embayments in C10E-POCOH** | ACCOMACK CO | Evaluated non segmented portions of C10E. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment	Impairment	1.22 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**			76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C10E_ZZZ04B06 — **Unsegmented embayments in C10E-POCOH** — ACCOMACK CO

Evaluated non segmented portions of C10E. Portion of CBP segment POCOH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	Impairment	0.21 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**			76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C10E_ZZZ04C06 — **Unsegmented tributaries in C10E-POCOH** — ACCOMACK CO

Evaluated non segmented portions of C10E. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment	Impairment	0.00 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**			76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C11E_CED01A00 — **Cedar Creek** — ACCOMACK CO

Entire estuarine portion of creek. North shore tributary of Onancock Creek. Portion of CBP segment CB7PH. DSS shellfish condemnation 080-013 B.

VA Overall AU Category: **5A**

Use	Impairment	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**			76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C11E_CSX01A00 — **Chesconessex Creek - Upper** — ACCOMACK CO

South of Chesconessex and northwest of Onancock. Portion of CBP segment CB7PH. DSS shellfish conedmnation # 079-112.

VA Overall AU Category: **5A**

Use	Impairment	Impairment	0.21 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**			76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C11E_CSX02A06 **Chesconessex Creek - Lower** ACCOMACK CO

Lower portion of Chesconessex Creek, including unsegmented tidal tribs. & Back Cr., from the end DSS condemnation # 079-112 downstream to mouth (RM 0.0). Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	3.11 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C11E_FNN01A00 **Finneys Creek - Upper** ACCOMACK CO

East of Bailey Neck area. South shore tributary of Onancock Creek. Portion of CBP segment CB7PH. DSS shellfish condemnation # 080-013 A.

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C11E_FNN02A00 **Finneys Creek - Lower** ACCOMACK CO

East of Bailey Neck area. South shore tributary of Onancock Creek. Lower portion of creek, from the end of DSS condemnation # # 080-013 A downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C11E_LTH01A00 **Leatherberry Creek** ACCOMACK CO

Entire estuarine portion of creek. South shore tributary of Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-013C.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C11E_MTC01A06 | **Matchotank Creek - Upper** | ACCOMACK CO | South of Broadway Neck area. Portion of CBP segment CB7PH. DSS shellfish conedmnation # 080-169 (Effective 2004-01-13).

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C11E_MTC02A06 | **Matchotank Creek - Lower** | ACCOMACK CO | Lower portion of Matchotank Creek, including unsegmented tidal tribs., from the end DSS condemnation # 080-169 downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.12 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C11E_OCB01A00 | **Central Branch, Onancock Creek** | ACCOMACK CO | Located near Town of Onancock. Entire Central Branch, Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C11E_OCN01A04 | **Onancock Creek - Upper** | ACCOMACK CO | Located near Town of Onancock.From junction of North, Central and South Branches downstream to end of DSS condemnation (RM 3.6) midway between Leatherberry and Cedar Creeks. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C.

VA Overall AU Category: **5A**

Use	Impairment	0.23 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C11E_OCN02A04 | **Onancock Creek Mainstem - Lower** | ACCOMACK CO | Located near Town of Onancock. From midway between Leatherberry and Cedar Creeks downstream to mouth. Portion of CBP segment CB7PH. OPEN DSS shellfish direct harvesting condemnation # 080-013.

VA Overall AU Category: **5A**

Use	Impairment	1.92 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C11E_ONB01A02 | **North Branch, Onancock Creek** | ACCOMACK CO | Located near Town of Onancock. Entire North Branch, Onancock Creek. Portion of CBP segment CB7PH. DSS (ADMINISTRATIVE) shellfish direct harvesting condemnation 081-013 D.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C11E_OSB01A02 | **South Branch, Onancock Creek** | ACCOMACK CO | Located near Town of Onancock. Entire South Branch, Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C.

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C11E_PRK01A06 | **Parkers Creek** | ACCOMACK CO | South shore tributary of Onancock Creek at Finneys Neck. Area around marina at mouth of Parkers Creek. Portion of CBP segment CB7PH. DSS shellfish seasonal condemnation # 080-013 M1.

VA Overall AU Category: **5A**

Use	Impairment	0.22 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C11E_TAR01A06 — **Tarkill Creek** — ACCOMACK CO

Located in Sluitkill Neck area. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.19 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C11E_ZZZ01A00 — **Unsegmented estuaries in C11E.** — ACCOMACK CO, NORTHAMPTON CO

Evaluated non segmented portions of C11E not contained within VACB-R01E-CB7S. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnations.

VA Overall AU Category: **5A**

Use	Impairment	0.24 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C12E_PUN01A06 — **Pungoteague Creek - Upper** — ACCOMACK CO

Located west of Town of Melfa. Upper portion of Pungoteague Cr. from headwaters to confluence with Taylor Creek (RM 2.4), and lower portion of Warehouse Prong. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 B.

VA Overall AU Category: **5A**

Use	Impairment	0.29 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C12E_PUN02A06 — **Pungoteague Creek - Lower** — ACCOMACK CO

Located west of Town of Melfa. Lower portion of Pungoteague Cr. from confluence with Taylor Creek (RM 2.4) downstream to mouth. Portion of CBP segment CB7PH. OPEN DSS shellfish direct harvesting condemnation # 081-119.

VA Overall AU Category: **5A**

Use	Impairment	1.35 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C12E_TAY01A06 **Taylor Creek** ACCOMACK CO

Located southwest of Harborton. From headwaters to confluence with Pungoteague Cr. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 C.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.16	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C12E_UNR01A06 **Underhill Creek** ACCOMACK CO

In area of Mount Nebo. North shore tributary to Pungoteague Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 081-119 A. Effective 2004-10-13.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.09	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C12E_WRP01A06 **Warehouse Prong - Upper** ACCOMACK CO

Located north of Bobtown and east of Boggs Wharf. Upper portion, from headwaters to confluence with UT. Portion of CBP segment CB7PH. DSS (ADMINISTRATIVE) shellfish condemnation # 081-119D.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.04	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C12E_WRP02A06 **Warehouse Prong - Lower** ACCOMACK CO

Located north of Bobtown and east of Boggs Wharf. Lower portion, from confluence with UT downstream to confluence with Pungoteague Cr. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 B.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.05	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C12E_ZZZ01A00 — **Unsegmented estuaries in C12E.** — ACCOMACK CO, NORTHAMPTON CO

Evaluated non segmented portions of C12E not contained within VACB-R01E-CB7S. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnations.

VA Overall AU Category: **5A**

Use	Impairment	0.00 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C13E_CHC01A00 — **Church Creek - Upper** — NORTHAMPTON CO

In area of Elliotts Neck.Tributary to Nassawadox Creek. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-185.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C13E_CRA01A06 — **Craddock Creek - Upper** — ACCOMACK CO

North of Scarborough Neck area. Portion of CBP segment CB7PH. DSS shellfish cendemnation # 083-195.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C13E_HGC01A06 — **Holly Grove Cove** — NORTHAMPTON CO

Located near Wellington Neck. From end of tidal waters downstream to confluence with Nassawadox Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-110C.

VA Overall AU Category: **5A**

Use	Impairment	0.14 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C13E_KLL01A06 **Kelley Cove** NORTHAMPTON CO

In Occohonnock Neck near James Wharf, trib. to upper Nassawadox Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-110 A.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.02	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C13E_NAN01A00 **Nandua Creek - Upper** ACCOMACK CO

Southeast of Hacks Neck area. The two most upstream branches of Nandua Creek and mainstem downstream to area of Nandua (approx. RM 4.5). Includes Kusian Cove. Portion of CBP segment CB7PH. DSS condemnation # 082-160 A.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.15	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C13E_NAN02A06 **Nandua Creek - Lower** ACCOMACK CO

Lower portion of Nandua Creek including unsegmented tidal tribs., from the confluence of Kusian Cove downstream to mouth (RM 0.0). Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	3.83	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C13E_NAN03A00 **Nandua Creek - McLean Gut** ACCOMACK CO

Southwest of Fairview Neck area. Shouth shore tributary of middle Nandua Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 082-160 C.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.05	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C13E_NSS01A06 — **Nassawadox Creek - Upper** — NORTHAMPTON CO

From end of tidal waters downstream to approx. 0.25 mi upstream of confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS condemnation # 085-110 B.

VA Overall AU Category: **5A**

Use	Impairment	0.15 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C13E_NSS02A06 — **Nassawadox Creek - Lower** — NORTHAMPTON CO

From approx. 0.25 mi upstream of confluence with Kelly Cove (RM 5.2) downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	3.83 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C13E_OCH01A06 — **Occohannock Creek - Upper** — ACCOMACK CO, NORTHAMPTON CO

Upper portion of Occohannock Creek and tidal tribs., from end of tidal waters downstream to the confluence of Wescott Cove (RM 5.3). Portion of CBP segment CB7PH. DSS condemnation # 084-043A.

VA Overall AU Category: **5A**

Use	Impairment	0.51 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C13E_OCH02A06 — **Occohannock Creek - Lower** — ACCOMACK CO, NORTHAMPTON CO

Lower portion of Occohannock Creek including tidal tribs., from the confluence of Wescott Cove (RM 5.3) downstream to mouth (RM 0.0). Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	2.84 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C13E_WHC01A06 **Warehouse Creek - Upper** NORTHAMPTON CO

Southeast fork of upper portion of creek. Portion of CBP segment CB7PH. DSS ADMINISTRATIVE condemnation # 085-110 E (VPDES outfall condemnation for Shore Mem. Hospital STP VA0027537).

VA Overall AU Category: **5A**

Use	Impairment	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**			76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C13E_WHC02A06 **Warehouse Creek - Middle** NORTHAMPTON CO

Including northern fork and continuing downstream to bend near Wellington Neck. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-110 D.

VA Overall AU Category: **5A**

Use	Impairment	Impairment	0.15 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**			76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C13E_WHC03A06 **Warehouse Creek - Lower** NORTHAMPTON CO

From bend near Wellington Neck downstream to mouth (confluence with Nassawadox Creek). Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	Impairment	0.20 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**			76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C13E_ZZZ01A00 **Unsegmented estuaries in C13E.** ACCOMACK CO NORTHAMPTON CO

Evaluated non segmented portions of C13E. Portion of CBP segment CB7PH. No DSS shellfish condemnations.

VA Overall AU Category: **5A**

Use	Impairment	Impairment	2.28 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**			76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C14E_BRL01A06 **Barlow Creek - Upper** NORTHAMPTON CO

In area of Old Town Neck. Portion of CBP segment CB7PH. DSS shellfish condemnation # 086-136D.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.04	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C14E_HUG01A00 **Hungars Creek - Upper** NORTHAMPTON CO

Upper portion of Hungars Creek from end tidal waters downstream to Waterford Point (RM 1.8) @ confluence with Jacobus Cr. Portion of CBP segment CB7PH. DSS shellfish direct harvesting condemnation # 086-136 A.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.22	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C14E_HUG02A00 **Hungars Creek - Lower** NORTHAMPTON CO

Lower portion of Hungars Creek from Waterford Point (RM 1.8) @ confluence with Jacobus Cr. downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation .

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	1.19	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C14E_JAC01A06 **Jacobus Creek - Upper South Fork** NORTHAMPTON CO

West of Johnsontown. Trib to Hungars Cr. Uppermost portion of south branch. Portion of CBP segment CB7PH. DSS Administrative Prohibition # 086-136 E - STP VA0023817 Outfall.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.03	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C14E_JAC02A06 **Jacobus Creek - Middle and Forks** NORTHAMPTON CO

West of Johnsontown. Trib to Hungars Cr. Middle mainstem, north fork and lower portion of south fork. Portion of CBP segment CB7PH. DSS direct shellfish harvesting condemnation # 086-136 B.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.29	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C14E_JAC03A06 **Jacobus Creek - Lower** NORTHAMPTON CO

West of Johnsontown. Trib to Hungars Cr. Lower mainstem portion. Portion of CBP segment CB7PH. No DSS direct shellfish harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	1.00	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C14E_MAT01A06 **Mattawoman Creek - Upper** NORTHAMPTON CO

South of Wilsonia Neck. Portion of CBP segment CB7PH. DSS shellfish condemnation # 086-136 C.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.22	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C14E_THG01A06 **The Gulf - Upper** NORTHAMPTON CO

From end of tidal waters downstream to narrowing 0.45 mi. from mouth. Portion of CBP segment CB7PH. DSS shellfish condemnation # 087-174.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.17	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C14E_THG02A06 **The Gulf - Lower** NORTHAMPTON CO

From narrowing (end of upstream DSS condemnation) downstream to mouth. Portion of CBP segment CB7PH. No DSS direct shellfish harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	Impairment	0.13 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**			76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C14E_WHS01A06 **Westerhouse Creek - North Branch (Part A)** NORTHAMPTON CO

In Church Neck area, west of Bridgetown. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-199 A.

VA Overall AU Category: **5A**

Use	Impairment	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**			76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C14E_WHS02A06 **Westerhouse Creek - South Branch (Part B)** NORTHAMPTON CO

In Church Neck area, west of Bridgetown. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-199 B.

VA Overall AU Category: **5A**

Use	Impairment	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**			76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C14E_WHS03A06 **Westerhouse Creek - Lower** NORTHAMPTON CO

In Church Neck area, west of Bridgetown. Portion of CBP segment CB7PH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	Impairment	0.18 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**			76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C14E_ZZZ01A00 **Unsegmented estuaries in C14E.** NORTHAMPTON CO

Evaluated non segmented portions of C14E. Portion of CBP segment CB7PH. No DSS shellfish condemnations.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	3.49	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C15E_CCB01A06 **Cape Charles Beach** NORTHAMPTON CO

Located west of Town of Cape Charles, along Chesapeake Bay. Portion of CBP segment CB7PH. No DSS condemnation.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.05	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C15E_CRS01A06 **Cherrystone Inlet - Upper** NORTHAMPTON CO

Upper northern branch 1/5 of Inlet, from Eyreville Neck downstream to confluence with Chesapeake Bay. Including Old Castle Cr. Portion of CBP segment CB7PH. DSS condemnation # 088-139A.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.30	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C15E_CRS02A06 **Cherrystone Inlet - Lower** NORTHAMPTON CO

Lower 4/5 of Inlet, from Eyreville Neck downstream to confluence with Chesapeake Bay. Portion of CBP segment CB7PH. No DSS direct harvesting shellfish condemnation .

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	2.16	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C15E_KNS01A00 **Kings Creek - Upper Forks** NORTHAMPTON CO

From end of tidal waters downstream to confluence of the two most upstream forks. Portion of CBP segment CB7PH. DSS condemnation # 088-139B.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C15E_KNS02A00 **Kings Creek - Lower** NORTHAMPTON CO

From confluence of the two most upstream forks downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.27 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C16E_CCH01A04 **Cape Charles Harbor - Upper** NORTHAMPTON CO

From most upstream end of harbor downstream to 1/2 distance to mouth (RM 0.23). Portion of CBP segment CB7PH. DSS ADMINISTRATIVE condemnation # 089-011A (VPDES outfall condemnation for Cape Charles STP VA0021288).

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C16E_CCH02A00 **Cape Charles Harbor - Lower** NORTHAMPTON CO

From 1/2 distance to mouth (RM 0.23) downstream to confluence with the Chesapeake Bay (RM 0.0). Portion of CBP segment CB7PH. Portion of DSS ADMINISTRATIVE condemnation # 089-011B (VPDES outfall condemnation for Cape Charles STP VA0021288).

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay and Tributaries**

TMDL Group ID: **76068**

VAT-C16E_KPT01A06 **Kiptopeke Beach** NORTHAMPTON CO

Located west of Cedar Grove, along Chesapeake Bay, near southern tip of Eastern Shore. Portion of CBP segment CB7PH. No DSS condemnations.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.44	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C16E_OPC01A06 **Old Plantation Creek - Upper** NORTHAMPTON CO

From end of tidal waters downstream to narrows at approx. RM 2.0. Portion of CBP segment CB7PH.
DSS shellfish condemnation # 090-152.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.11	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C16E_OPC02A00 **Old Plantation Creek - Lower** NORTHAMPTON CO

From narrows at RM 2.0 downstream to mouth. Portion of CBP segment CB7PH. No DSS shellfish condemnation.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	1.00	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

VAT-C16E_ZZZ01A00 **Unsegmented estuaries in C16E** NORTHAMPTON CO

Evaluated non-segmented estuarine portions of C16. Portion of CBP segment CB7PH. No DSS condemnations.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.80	SQUARE MILES	76068	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory for PCBs issued 12/13/04.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10115**

VAP-C04E_DOC01A98 **Doctors Creek** MATHEWS CO Described in the condemnation notice 039-026B, 3/18/2004.

CB6PH

VA Overall AU Category: **5A**

Use	Impairment (0.01 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**	10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10115**

VAP-C04E_DOC02A02 **Doctors Creek** MATHEWS CO Doctors Creek downstream of VDH-DSS SFC 026B.

CB6PH

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10115**

VAP-C04E_DYE02A04 **Dyer Creek** MATHEWS CO Tidal limit to mouth

2006: Segment merged with DYE01A98

CB6PH

VA Overall AU Category: **5A**

Use	Impairment	0.28 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10115**

VAP-C04E_GDN01A06 **Garden Creek** MATHEWS CO Tidal limit to mouth

CB6PH

VA Overall AU Category: **5A**

Use	Impairment	0.58 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10115**

VAP-C04E_HAH01A98	Horn Harbor	MATHEWS CO	Described in the condemnation notice 039-026A, 3/18/2004. Segment shortened in 2006 CB6PH

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10115**

VAP-C04E_HAH02A02 **Horn Harbor** MATHEWS CO From SFC 26A downstream to the mouth, unless otherwise segmented.

CB5PH

VA Overall AU Category: **5A**

Use	Impairment (1.56 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.
					Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Open-Water Aquatic Life	**Oxygen, Dissolved**	10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.
					Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10115**

VAP-C04E_HAH03A06 **Horn Harbor** MATHEWS CO Described in VDH-DSS SFC 039-026M1, 3/18/2004

CB5PH

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10115**

VAP-C04E_HAH04A06 **Horn Harbor** MATHEWS CO Described in VDH Shellfish Condemnation 039-M97, 4/13/1989

CB5PH

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10115**

VAP-C04E_WIN01A06	Winter Harbor	MATHEWS CO	Described in the condemnation notice 038-178A, 4/29/2004. CB6PH

VA Overall AU Category: **5A**

Use	Impairment	0.11 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10115**

VAP-C04E_WIN01B00 **Winter Harbor** MATHEWS CO

Waters within a 1/2 mile radius of monitoring station 7-WIN000.88, not otherwise segmented.

CB6PH

VA Overall AU Category: **5A**

Use	Impairment	0.35 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10115**

VAP-C04E_WIN02B06 **Winter Harbor** MATHEWS CO Described in VDH-DSS SFC 038-178M1, 4/29/2004

CB6PH

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10115**

VAP-C04E_WIN03A06 **Winter Harbor** MATHEWS CO Northern portion of Winter Harbor

CB6PH

VA Overall AU Category: **5A**

Use	Impairment	1.22 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10115**

VAP-C04E_ZZZ02A06	Unsegmented estuaries in C04	MATHEWS CO	Unsegmented portion within CB6PH

VA Overall AU Category: **5A**

Use	Impairment	0.34 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		10115	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the open water summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10116**

VAP-C04E_DOC01A98	**Doctors Creek**	MATHEWS CO	Described in the condemnation notice 039-026B, 3/18/2004. CB6PH

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10116**

VAP-C04E_DOC02A02	**Doctors Creek**	MATHEWS CO	Doctors Creek downstream of VDH-DSS SFC 026B. CB6PH

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10116**

VAP-C04E_DYE02A04 **Dyer Creek** MATHEWS CO Tidal limit to mouth

2006: Segment merged with DYE01A98

CB6PH

VA Overall AU Category: **5A**

Use	Impairment	0.28 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10116**

VAP-C04E_GDN01A06	**Garden Creek**	MATHEWS CO	Tidal limit to mouth
			CB6PH

VA Overall AU Category: **5A**

Use	Impairment	0.58 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10116**

VAP-C04E_HAH01A98	**Horn Harbor**	MATHEWS CO	Described in the condemnation notice 039-026A, 3/18/2004. Segment shortened in 2006 CB6PH

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**	10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10116**

VAP-C04E_HAH02A02	**Horn Harbor**	MATHEWS CO	From SFC 26A downstream to the mouth, unless otherwise segmented. CB5PH

VA Overall AU Category: **5A**

Use	Impairment	1.56 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10116**

VAP-C04E_HAH03A06 **Horn Harbor** MATHEWS CO Described in VDH-DSS SFC 039-026M1, 3/18/2004

CB5PH

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10116**

VAP-C04E_HAH04A06 **Horn Harbor** MATHEWS CO Described in VDH Shellfish Condemnation 039-M97, 4/13/1989

CB5PH

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10116**

VAP-C04E_WIN01A06 **Winter Harbor** MATHEWS CO Described in the condemnation notice 038-178A, 4/29/2004.

CB6PH

VA Overall AU Category: **5A**

Use	Impairment	0.11 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards during the 2006 cycle.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10116**

VAP-C04E_WIN01B00	**Winter Harbor**	MATHEWS CO	Waters within a 1/2 mile radius of monitoring station 7-WIN000.88, not otherwise segmented. CB6PH

VA Overall AU Category: **5A**

Use	Impairment	0.35 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10116**

VAP-C04E_WIN02B06 **Winter Harbor** MATHEWS CO Described in VDH-DSS SFC 038-178M1, 4/29/2004

CB6PH

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10116**

VAP-C04E_WIN03A06 **Winter Harbor** MATHEWS CO Northern portion of Winter Harbor

CB6PH

VA Overall AU Category: **5A**

Use	Impairment	1.22 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Bay Polyhaline Embayments**

TMDL Group ID: **10116**

VAP-C04E_ZZZ02A06	Unsegmented estuaries in C04	MATHEWS CO	Unsegmented portion within CB6PH

VA Overall AU Category: **5A**

Use	Impairment	0.34 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10116	**2006**	**2010**	VAP-C04E-21 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. CB6 Polyhaline failed the SAV acreage standards.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chesapeake Creek, Unnamed Tributary**

TMDL Group ID: **00975**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAP-C01E_XDL01A02	**Chesapeake Bay, UT**	NORTHUMBERLAND CO	As described in condemnation notice 011-190, 2/18/2004. CB5MH. Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00975	**2002**	**2014**	00975 (SF) VAP-C01E-21 VDH-DSS condemnation notice 011-190, 2/18/2004.

Sources: Source Unknown

TMDL Watershed Name: **Chesconessex Creek - Upper**

TMDL Group ID: **01760**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-C11E_CSX01A00	**Chesconessex Creek - Upper**	ACCOMACK CO	South of Chesconessex and northwest of Onancock. Portion of CBP segment CB7PH. DSS shellfish conedmnation # 079-112.

VA Overall AU Category: **5A**

Use	Impairment	0.21 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01760	**1998**	**2010**	DSS shellfish conedmnation # 079-112.

Sources: Source Unknown

TMDL Watershed Name: **Chisman Creek**

TMDL Group ID: **76002**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-C07E_CHS01A06	**Chisman Creek-Upper & Goose Cr**	POQUOSON CITY CITY	From end of tidal waters (upper 2/3 of creek), downstream to area of Evergreen Shores (approx. RM 0.9). CBP Segment MOBPH. DSS condemnation # 053-137A.

VA Overall AU Category: **5A**

Use	Impairment	0.51 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		76002	**2006**	**2018**	The Recreation Use is impaired (2 violates / 13 obs.) due to exceedance of the instantaneous criteria for Enterococcus bacteria.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Chisman Creek**

TMDL Group ID: **76002**

VAT-C07E_CHS02A06 **Chisman Creek-Lower North Shore (Marina)** POQUOSON CITY CITY

North shore of creek, area of Cheeseman. Contains DSS seasonal condemnation # 053-137 M2. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		76002	**2006**	**2018**	The Recreation Use is impaired (2 violates / 13 obs.) due to exceedance of the instantaneous criteria for Enterococcus bacteria.

Sources: Source Unknown

VAT-C07E_CHS02B06 **Chisman Creek - Lower** POQUOSON CITY CITY

Lower 1/3 of creek, downstream from area of Evergreen Shores (RM 0.9) to mouth. CBP Segment MOBPH. DSS (OPEN) condemnation # 053-137.

VA Overall AU Category: **5A**

Use	Impairment	0.64 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		76002	**2006**	**2018**	The Recreation Use is impaired (2 violates / 13 obs.) due to exceedance of the instantaneous criteria for Enterococcus bacteria.

Sources: Source Unknown

TMDL Watershed Name: **Chisman Creek, Lower**

TMDL Group ID: **01209**

VAT-C07E_CHS01A06 **Chisman Creek-Upper & Goose Cr** POQUOSON CITY CITY

From end of tidal waters (upper 2/3 of creek), downstream to area of Evergreen Shores (approx. RM 0.9). CBP Segment MOBPH. DSS condemnation # 053-137A.

VA Overall AU Category: **5A**

Use	Impairment	0.51 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01209	**2004**	**2010**	

Sources: Source Unknown

TMDL Watershed Name: **Church Creek - Upper**

TMDL Group ID: **00409**

VAT-C13E_CHC01A00 **Church Creek - Upper** NORTHAMPTON CO

In area of Elliotts Neck.Tributary to Nassawadox Creek. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-185.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00409	**1998**	**2010**	DSS shellfish condemnation # 085-185.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Cloverdale Creek**

TMDL Group ID: **00950**

VAP-C01E_CLE01A98 **Cloverdale Creek** NORTHUMBERLAND CO Described in the condemnation notice 014-124A, 5/15/2001.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00950	**1998**	**2010**	00950 (SF) VAP-C01E-13 VDH-DSS Shellfish Condemnation Number 014-124A, 5/15/2001.

Sources: Source Unknown

TMDL Watershed Name: **Cobbs Creek**

TMDL Group ID: **00195**

VAP-C03E_COB01A02 **Cobbs Creek** MATHEWS CO As described in the condemnation notice 170, 3/2/1993.

PIAMH.

VA Overall AU Category: **5D**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00195	**2002**	**2005**	Cat 4A for Shellfish 00195 (SF) VAP-C03E-11 VDH-DSS Condemnation 170, 3/2/1993 This segment was originally listed in 1998 as not supporting for the Shellfish Use based on VDH-DSS Shellfish Condemnation 170, 3/2/1993. Piankatank River, Lower Watershed TMDL Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination was completed and EPA approved on 11/15/2005. However, the EPA TMDL ID was not available for the 2006 cycle, therefore this segment will be assessed as Cat 4A.

Sources: Non-Point Source

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Cobbs Creek**

TMDL Group ID: **15006**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAP-C03E_COB02A02	**Cobbs Creek**	MATHEWS CO	As described in VDH-DSS SFC No. 034-170, 10/13/2003, not otherwise segmented. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		15006	**2006**	**2018**	15006 (SF) VAP-C03E-12 VDH-DSS Condemnation 034-170, 10/13/2003 The upper portion of Cobbs Creek was originally listed in 1998 based on VDH-DSS Shellfish Condemnation 170, 3/2/1993. Piankatank River, Lower Watershed TMDL Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination was completed and EPA approved on 11/15/2005. Cobbs Creek condemnation area was later expanded. In the 2006 cycle, this segment was assessed as not supporting for the Shellfish Use.

Sources: Source Unknown

TMDL Watershed Name: **Cockrell Creek**

TMDL Group ID: **00951**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAP-C01E_COC01A98	**Cockrell Creek**	NORTHUMBERLAND CO	As described in VDH-DSS Shellfish Condemnation No. 012-002B, 11/15/2004. Merged segment COC02A98 into this segment in 2006, then deleted it. Area adjusted. CB5MH. Size adjusted 2006.

VA Overall AU Category: **5A**

Use	Impairment	0.61 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00951	**1998**	**2010**	00951 (SF) VAP-C01E-08 VDH-DSS Shellfish Condemnation Notice 012-002B, 11/15/2004.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Cockrell Creek**

TMDL Group ID: **00951**

VAP-C01E_COC04A98	**Cockrell Creek**	NORTHUMBERLAND CO	From the downstream boundary of VDH-DSS Condemnation Notice 012-002A & C, 11/15/2004, to the mouth. Area decreased in 2006 cycle. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.43 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00951	**1998**	**2010**	00951 (SF) VAP-C01E-08 VDH-DSS Shellfish Condemnation Notice 012-002A, 11/15/2004. Area decreased in 2006 cycle.

Sources: Source Unknown

TMDL Watershed Name: **Craddock Creek - Upper**

TMDL Group ID: **00391**

VAT-C13E_CRA01A06	**Craddock Creek - Upper**	ACCOMACK CO	North of Scarborough Neck area. Portion of CBP segment CB7PH. DSS shellfish cendemnation # 083-195.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00391	**1998**	**2010**	DSS shellfish cendemnation # 083-195.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Crystal Lake**

TMDL Group ID: **01222**

VAT-C08E_CRY01A00	**Crystal Lake**	VIRGINIA BEACH CITY	Includes Rainey Gut. Located in North Linkhorn Park area in Virginia Beach. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_DEY01A00, _LKN01A00 & _CRY01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.13 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01222	**1998**	**2004**	Category 4A. EPA approved 12/02/2004. Portion of DSS condemnation #071-025 C (balance in VAT-C08E_LKN01A00 & CRY01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.

Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)
Municipal (Urbanized High Density Area)
Natural Sources
Non-Point Source
On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems)

TMDL Watershed Name: **Davenport Creek**

TMDL Group ID: **00954**

VAP-C01E_DVN01A04	**Davenport Creek**	LANCASTER CO	Described in VDH Shellfish Condemnation 017-188B, 7/13/2004 CB5MH

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00954	**2004**	**2016**	VAP-C01E-34, VDH Shellfish Condemnation 188B, 7/13/2004

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Davis Creek**

TMDL Group ID: **00998**

VAP-C04E_DAV01A98	**Davis Creek**	GLOUCESTER CO	Described in the condemnation notice 042-131B, 9/17/2004. Size extended in 2004 cycle. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00998	**2002**	**2014**	VAP-C04E-12 VDH-DSS SFC Number 042-131B, 9/17/2004

Sources: Source Unknown

TMDL Group ID: **01000**

VAP-C04E_DVS01A98	**Davis Creek**	MATHEWS CO	Described in the condemnation notice 040-085B, 12/27/2004 Size increased in 2006 cycle. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01000	**1998**	**2010**	VAP-C04E-15 VDH-DSS SFC Number 040-085B, 12/27/2004

Sources: Source Unknown

TMDL Watershed Name: **Deep Creek**

TMDL Group ID: **76010**

VAT-C10E_DEP01A06	**Deep Creek - Upper**	ACCOMACK CO	East of town of Bayside. Upper portion of creek, from end of tidal waters downstream to approx. RM 1.6. Portion of CBP segment CB7PH. DSS Shellfish condemnation # 077-138 A.

VA Overall AU Category: **5A**

Use	Impairment	0.16 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		76010	**2006**	**2018**	The Recreation Use is impaired (2 violate / 9 obs.) due to exceedance of the instantaneous criteria for Enterococcus bacteria.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Deep Creek**

TMDL Group ID: **76010**

VAT-C10E_DEP02A06	Deep Creek - Lower	ACCOMACK CO	East of town of Bayside. Lower portion of creek, from RM 1.6 downstream to mouth. Portion of CBP segment CB7PH. DSS (OPEN) Shellfish condemnation # 077-138.

VA Overall AU Category: **5A**

Use	Impairment	1.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		76010	**2006**	**2018**	The Recreation Use is impaired (2 violate / 9 obs.) due to exceedance of the instantaneous criteria for Enterococcus bacteria.

Sources: Source Unknown

TMDL Watershed Name: **Deep Creek - Upper**

TMDL Group ID: **00394**

VAT-C10E_DEP01A06	Deep Creek - Upper	ACCOMACK CO	East of town of Bayside. Upper portion of creek, from end of tidal waters downstream to approx. RM 1.6. Portion of CBP segment CB7PH. DSS Shellfish condemnation # 077-138 A.

VA Overall AU Category: **5A**

Use	Impairment	0.16 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00394	**1998**	**2010**	DSS Shellfish condemnation # 077-138 A. May be related to Recreation impairment due to Enterococcus bacteria in this and downstream segment.

Sources: Source Unknown

TMDL Watershed Name: **Dey Cove & Milldam Creek**

TMDL Group ID: **01223**

VAT-C08E_DEY01A00	Dey Cove/Mill Dam Creek	VIRGINIA BEACH CITY	Located attached to west shore of Broad Bay Colony area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _LKN01A00 & _LON01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01223	**1998**	**2004**	Category 4A. EPA approved 12/02/2004. Portion of DSS condemnation #071-025 C (balance in VAT-C08E_LKN01A00 & CRY01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.

Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)
Municipal (Urbanized High Density Area)
Natural Sources
Non-Point Source
On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Dividing Creek (22A)**

TMDL Group ID: **00953**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAP-C01E_DIV01A98	**Dividing Creek**	NORTHUMBERLAND CO	Described in the VDH-DSS SF condemnation notice 015-022A, 4/25/2003. CB5MH. This segment decreased in size for 2006; Lawrence Cove was separated into segment LRC01A06.

VA Overall AU Category: **5A**

Use	Impairment	0.23 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00953	**1998**	**2010**	00953 (SF) VAP-C01E-15 VDH-DSS Shellfish Condemnation Notice 015-22A, 4/25/2003

Sources: Source Unknown

TMDL Watershed Name: **Dividing Creek, Unnamed Cove (22B)**

TMDL Group ID: **00976**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAP-C01E_XUC01A98	**Unnamed Cove of Dividing Creek**	NORTHUMBERLAND CO	Described in the condemnation notice 015-022C, 4/25/2003. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00976	**1998**	**2010**	00976 (SF) VAP-C01E-18 VDH-DSS Shellfish Condemnation Notice 015-022C, 4/25/2003

Sources: Source Unknown

TMDL Watershed Name: **Doctors Creek**

TMDL Group ID: **00999**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAP-C04E_DOC01A98	**Doctors Creek**	MATHEWS CO	Described in the condemnation notice 039-026B, 3/18/2004. CB6PH

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00999	**1998**	**2010**	VAP-C04E-19 (SF) VDH-DSS SFC Number 039-026B, 3/18/2004

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Dragon Run**

TMDL Group ID: **00982**

VAP-C02R_DRN02A04	Dragon Swamp	ESSEX CO MIDDLESEX CO	Headwaters to Route 602 bridge. Segment length adjusted in 2006.

VA Overall AU Category: **5A**

Use	Impairment	19.61 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		00982	**2004**	**2016**	VAP-C02R-02

In 2006, Dragon Swamp continued to have violations of dissolved oxygen and pH standards at 7-DRN024.19. The violation rate for DO was 6/15; the violation rate for pH was 6/15. The violations were considered to be due to natural conditions of upstream swamps, therefore was assessed as Cat. 5C.

Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed

TMDL Group ID: **00983**

VAP-C02R_DRN02A04	Dragon Swamp	ESSEX CO MIDDLESEX CO	Headwaters to Route 602 bridge. Segment length adjusted in 2006.

VA Overall AU Category: **5A**

Use	Impairment	19.61 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**pH**		00983	**2004**	**2016**	VAP-C02R-02

In 2006, Dragon Swamp continued to have violations of dissolved oxygen and pH standards at 7-DRN024.19. The violation rate for DO was 6/15; the violation rate for pH was 6/15. The violations were considered to be due to natural conditions of upstream swamps, therefore was assessed as Cat. 5C.

Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed

TMDL Watershed Name: **Dragon Run, Dragon Swamp**

TMDL Group ID: **00981**

VAP-C02R_DRN01A98	Dragon Swamp	GLOUCESTER CO MIDDLESEX CO	From the Route 602 bridge (rm 15.08) to the tidal limits. Segment extended in 2006 to incorporate 2004 segment VAP-C02R_DRN03A04, which was deleted.

VA Overall AU Category: **5A**

Use	Impairment	11.57 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**pH**		00981	**2002**	**2014**	VAP-C02R-01

For the 2006 cycle, there was a pH standards violation rate of 7/38 at station 7-DRN010.48. The low pH is believed to be due to natural conditions from upstream swamps. This segment will be assessed as Cat 5C.

Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Dragon Swamp**

TMDL Group ID: **00980**

VAP-C02E_DRN01A02	Dragon Swamp	GLOUCESTER CO MIDDLESEX CO	The tidal portion of Dragon Swamp. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	1.11 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00980	**1998**	**2010**	00980 (SF) VAP-C03E-02 VDH Shellfish Condemnation 035-076A, 9/3/2004. VDH Shellfish Condemnations for the Upper Piankatank River and Harpers Creek were previously separated as areas 076A and 076B (5/24/1999). In September 2004, the condemnation area expanded so that Harpers Creek is now a portion of the Upper Pianaktank River.

Sources: Source Unknown

TMDL Watershed Name: **Dragon Swamp, Piankatank River Watersheds - Mercury**

TMDL Group ID: **00978**

VAP-C02E_DRN01A02	Dragon Swamp	GLOUCESTER CO MIDDLESEX CO	The tidal portion of Dragon Swamp. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	1.11 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**Mercury in Fish Tissue**		00978	**2004**	**2016**	00978 (Hg) VAP-C02R-03 VDH issued a fish consumption advisory due to elevated levels of mercury in fish tissue of largemouth bass. In July 2005, VDH extended the riverine waterbody boundaries to include the entire length of Dragon Swamp from the headwaters downstream to the tidal limits. This segment of the Dragon Swamp was also considered impaired for the Fish Consumption Use due to elevated levels of mercury found in the fish tissue of largemouth bass and chain pickerel at 7-DRN003.40. In addition, there were observed effects for mercury and arsenic at 7-DRN001.43, however arsenic was not considered an impairing cause.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Dragon Swamp, Piankatank River Watersheds - Mercury**

TMDL Group ID: **00978**

VAP-C02R_DRN01A98 **Dragon Swamp** GLOUCESTER CO, MIDDLESEX CO

From the Route 602 bridge (rm 15.08) to the tidal limits. Segment extended in 2006 to incorporate 2004 segment VAP-C02R_DRN03A04, which was deleted.

VA Overall AU Category: **5A**

Use	Impairment	11.57 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**Mercury in Fish Tissue**		00978	**2006**	**2016**	VAP-C02R-01, VAP-C02R-03 VDH Fish Consumption Restriction Dragon Swamp is considered impaired for the Fish Consumption Use due to elevated levels of Mercury found in the fish tissue at station 7-DRN015.09. Fish tissue analyses also indicated there were observed effects for Arsenic. VDH issued a fish consumption advisory due to elevated levels of mercury in fish tissue of largemouth bass. In July 2005, VDH extended the riverine waterbody boundaries to include the entire length of Dragon Swamp from the headwaters downstream to the tidal limits. In 2006, this segment was increased to include 2004 VAP-C02R_DRN03A04.

Sources: Source Unknown

VAP-C02R_DRN02A04 **Dragon Swamp** ESSEX CO, MIDDLESEX CO

Headwaters to Route 602 bridge. Segment length adjusted in 2006.

VA Overall AU Category: **5A**

Use	Impairment	19.61 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**Mercury in Fish Tissue**		00978	**2006**	**2016**	00978 (Fish Advisory) VAP-C02R-03 This segment was assessed as not supporting for the Fish Consumption Use based on Fish tissue analyses at 7-DRN023.41, which indicated an elevated level of mercury in fish tissue. In addition, this segment was also assessed for an observed effect for arsenic. In July 2005, VDH extended the Fish Consumption Advisory waterbody boundaries to include the entire length of Dragon Swamp from the headwaters near Rt. 620 downstream to the Deep Point Boat Landing. The segment is impaired due to elevated levels of mercury found in the fish tissue of largemouth bass.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Dragon Swamp, Piankatank River Watersheds - Mercury**

TMDL Group ID: **00978**

VAP-C03E_PNK01A02	**Piankatank River**	GLOUCESTER CO MIDDLESEX CO	Watershed limit to Deep Point Boat Landing. Part of VDH-DSS SFC No. 035-076A, 9/3/2004. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	2.22 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**Mercury in Fish Tissue**		00978	**2004**	**2016**	00978 (Hg) VAP-C02R-03 VDH issued a fish consumption advisory due to elevated levels of mercury in fish tissue of largemouth bass. In July 2005, VDH extended the riverine waterbody boundaries to include the entire length of Dragon Swamp from the headwaters downstream to Deep Point Boat Landing on the Piankatank River (near Rt. 606). Fish tissue analysis from stations 7-PNK017.47 and 7-PNK020.42 were assessed with observed effects for mercury and arsenic, however arsenic was not assessed as an impairing cause.

Sources: Source Unknown

TMDL Watershed Name: **DSS Inlet #2-Unnamed Inlet of Back River**

TMDL Group ID: **01808**

VAT-C07E_INB01A04	**DSS Inlet #2-Unnamed Inlet of Back River**	HAMPTON CITY	South shore trib. to mainstem Back R.Located in unnamed inlet west of Dandy Point. On south shore of Back River, southwest of mouth and east of Harris R. DSS condemnation # 054-215B (effective 2004-06-02). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01808	**2006**	**2016**	DSS condemnation # 054-215B (effective 2004-06-02). Previously in 2004 IR was # 054-021H - effective 2002-06-25).

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Dymer Creek**

TMDL Group ID: **00955**

VAP-C01E_DYM01A98	**Dymer Creek**	LANCASTER CO	Described in the condemnation notice 016-24A, 1/6/2004. Area expanded in 2006 cycle. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.23 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00955	**1998**	**2010**	00955 (SF) VAP-C01E-24 VDH-DSS Shellfish Condemnation Notice 016-024A, 1/6/2004. This area expanded to 0.23 sq .mi. in 2006.

Sources: Source Unknown

TMDL Watershed Name: **East River**

TMDL Group ID: **01003**

VAP-C04E_EST01A98	**East River**	MATHEWS CO	Described in the condemnation notice 092, 7/7/2003. Size decreased in 2006 cycle. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.14 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01003	**1998**	**2010**	VAP-C04E-13 VDH-DSS SFC Number 92, 7/7/2003

Sources: Source Unknown

TMDL Watershed Name: **East River, East Shore**

TMDL Group ID: **01004**

VAP-C04E_EST04A02	**East River, UT**	MATHEWS CO	As described in condemnation notice 041-212B, 9/15/2004. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01004	**2002**	**2014**	VAP-C04E-27 VDH-DSS Shellfish condemnation 041-212B, 9/15/2004

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Easton Cove/Floyds Bay**

TMDL Group ID: **01752**

VAT-C07E_EAS01A06	**Easton Cove/Floyds Bay**	POQUOSON CITY CITY	Located in southeast corner of Bennett Cr, trib to Poquoson River. Area of York Haven Anchorage. Includes Easton Cove and Floyds Bay. DSS shellfish condemnation # 053-137I (Effective 2004-04-26). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.18 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01752	**2006**	**2018**	DSS shellfish condemnation # 053-137I. Effective 2004-04-26.

Sources: Source Unknown

TMDL Watershed Name: **Edwards Creek**

TMDL Group ID: **01001**

VAP-C04E_EDW01A98	**Edwards Creek**	MATHEWS CO	Described in the condemnation notice 197A, 2/19/2003. PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01001	**1998**	**2010**	VAP-C04E-03 VDH-DSS SFC Number 197A, 2/19/2003

Sources: Source Unknown

TMDL Watershed Name: **Elmington Creek**

TMDL Group ID: **01002**

VAP-C04E_ELM01A98	**Elmington Creek**	GLOUCESTER CO	Described in the condemnation notice 042-157B, 9/17/2004. Size increased in 2006 cycle. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01002	**1998**	**2010**	VAP-C04E-09 VDH-DSS SFC Number 042-157B, 9/17/2004

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Exol Swamp**

TMDL Group ID: **15016**

VAP-C02R_EXE01A06	Exol Swamp	KING AND QUEEN CO	Headwaters downstream to mouth at Dragon Swamp.

VA Overall AU Category: **5A**

Use	Impairment	13.42 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**pH**		15016	**2006**	**2018**	15016 (pH) VAP-C02R-04 This segment was assessed as not supporting for Aquatic Life Use due to violations in the standards for dissolved oxygen and pH. The violation rate for DO was 3/11, and the pH violation rate was 2/11.

Sources: Source Unknown

TMDL Group ID: **15017**

VAP-C02R_EXE01A06	Exol Swamp	KING AND QUEEN CO	Headwaters downstream to mouth at Dragon Swamp.

VA Overall AU Category: **5A**

Use	Impairment	13.42 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		15017	**2006**	**2018**	15017 (DO) VAP-C02R-04 This segment was assessed as not supporting for Aquatic Life Use due to violations in the standards for dissolved oxygen and pH. The violation rate for DO was 3/11, and the pH violation rate was 2/11.

Sources: Source Unknown

TMDL Watershed Name: **Ferry Creek**

TMDL Group ID: **00986**

VAP-C03E_FER01A98	Ferry Creek	GLOUCESTER CO	Described in the condemnation notice 035-171, 6/9/1998. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00986	**1998**	**2010**	00986 (SF) VAP-C03E-04 VDH-DSS Shellfish Condemnation Notice 035-171, 6/9/1998

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Finney Creek, Upper**

TMDL Group ID: **01459**

VAT-D03E_FNC01A04 **Finney Creek - Upper** ACCOMACK CO

Tributary to Hummock Cove, station located near Locustville. Upper portion upstream of widening (approx, RM 2.38). No DSS shellfish condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.00 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Fecal Coliform**		01459	**2004**	**2016**	The Recreatiion Use is impaired due to exceedance (3 violates / 10 obs.) of the criteria for Fecal Coliform bacteria.

Sources: Source Unknown

TMDL Watershed Name: **Finneys Creek, Upper**

TMDL Group ID: **00275**

VAT-C11E_FNN01A00 **Finneys Creek - Upper** ACCOMACK CO

East of Bailey Neck area. South shore tributary of Onancock Creek. Portion of CBP segment CB7PH. DSS shellfish condemnation # 080-013 A.

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00275	**1998**	**2010**	DSS shellfish condemnation # 080-013 A.

Sources: Source Unknown

TMDL Watershed Name: **Folly Creek**

TMDL Group ID: **76020**

VAT-D03E_FLL01A00 **Folly Creek - Upper** ACCOMACK CO

Tributary to Metomkin Bay. Upper estuarine portion of Folly Creek, from end of tidal downstream to end of shellfish condemnation (approx. RM 3.5). DSS shellfish condemnation # 097-173.

VA Overall AU Category: **5A**

Use	Impairment	0.25 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76020	**2006**	**2018**	Evaluated from downstream DEQ station @ 7-FLL002.46. The Aquatic Life use is impaired due to dissolved oxygen concentrations (3 violates / 28 obs.) below the criteria minimum (4.0 mg/l).

Sources: Source Unknown

VAT-D03E_FLL02A00 **Folly Creek - Lower** ACCOMACK CO

Lower estuarine portion of Folly Creek, tributary to Metomkin Bay. No DSS shellfish condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.22 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76020	**2006**	**2018**	The Aquatic Life use is impaired due to dissolved oxygen concentrations (3 violates / 28 obs.) below the criteria minimum (4.0 mg/l).

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Folly Creek**

TMDL Group ID: **76021**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-D03E_FLL01A00	**Folly Creek - Upper**	ACCOMACK CO	Tributary to Metomkin Bay. Upper estuarine portion of Folly Creek, from end of tidal downstream to end of shellfish condemnation (approx. RM 3.5). DSS shellfish condemnation # 097-173.

VA Overall AU Category: **5A**

Use	Impairment	0.25 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		76021	**2006**	**2018**	Evaluated from data at downstream DEQ station @ 7-FLL002.46. Exceeds the maximum criteria (2 violates / 15 obs.) for Enterococcus bacteria.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-D03E_FLL02A00	**Folly Creek - Lower**	ACCOMACK CO	Lower estuarine portion of Folly Creek, tributary to Metomkin Bay. No DSS shellfish condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.22 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		76021	**2006**	**2018**	

Sources: Source Unknown

TMDL Watershed Name: **Folly Creek, Unnamed Tributary**

TMDL Group ID: **01464**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-D03R_XDE01A02	**Unnamed tributary to Folly Creek**	ACCOMACK CO	Segment begins at headwaters downstream to start of tidal waters. Located east of Accomac, near Edge Hill Cemetary.

VA Overall AU Category: **5A**

Use	Impairment	1.54 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Benthic-Macroinvertebrate Bioassessments (Streams)**		01464	**2002**	**2014**	DEQ Streams Benthic-Macroinvertebrate Bioassessments using Regional Reference method. The Aquatic Life Use is impaired due to impacts to the stream's benthic population. Benthic population impacts were recorded at the following sample events: 7-XDE000.40 - moderately impaired [MI:F-'00,VI:F-'01,S-'02,MI:F-'02].

Sources: Leaking Underground Storage Tanks
Source Unknown

TMDL Group ID: **76023**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-D03R_XDE01A02	**Unnamed tributary to Folly Creek**	ACCOMACK CO	Segment begins at headwaters downstream to start of tidal waters. Located east of Accomac, near Edge Hill Cemetary.

VA Overall AU Category: **5A**

Use	Impairment	1.54 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76023	**2006**	**2018**	Dissolved oxygen violation of the minimum criteria for dissolved oxygen (2 violates / 7 obs.).

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Folly Creek, Upper**

TMDL Group ID: **01252**

VAT-D03E_FLL01A00	Folly Creek - Upper	ACCOMACK CO	Tributary to Metomkin Bay. Upper estuarine portion of Folly Creek, from end of tidal downstream to end of shellfish condemnation (approx. RM 3.5). DSS shellfish condemnation # 097-173.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**	0.25	SQUARE MILES	01252	**2004**	**2010**	

Sources: Source Unknown

TMDL Watershed Name: **Fox Mill Run**

TMDL Group ID: **01020**

VAP-C05R_FOX01A00	Fox Mill Run	GLOUCESTER CO	From its headwaters to the extent of tide.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	7.07	MILES	01020	**2002**	**2014**	

Sources: Source Unknown

TMDL Group ID: **01021**

VAP-C05R_FOX01A00	Fox Mill Run	GLOUCESTER CO	From its headwaters to the extent of tide.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Fecal Coliform**	7.07	MILES	01021	**2002**	**2014**	

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Frenchs Creek**

TMDL Group ID: **00987**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAP-C03E_FRE01A02	**Frenchs Creek**	GLOUCESTER CO	As described in the condemnation notice 035-076B, 9/3/2004. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00987	**2002**	**2014**	00987 (SF) VAP-C03E-03 VDH-DSS Shellfish Condemnation Notice 035-076B, 9/3/2004.

Sources: Source Unknown

TMDL Watershed Name: **Front Cove**

TMDL Group ID: **01809**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-C07E_FRT01A06	**Front Cove**	POQUOSON CITY CITY	North shore trib. to mainstem Back R. Adjacent to Messick Point. DSS shellfish condemnation # 054-021A (Effective 2004-06-02, previously in # 193 - effective 1998-06-24). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01809	**2006**	**2010**	DSS shellfish condemnation # 054-021A (Effective 2004-06-02). Listed in 2004 IR under previous condemnation # 193 (Effective 1998-06-24).

Sources: Source Unknown

TMDL Watershed Name: **Gargathy Creek**

TMDL Group ID: **01461**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-D03R_GAR01A02	**Gargathy Creek**	ACCOMACK CO	Riverine portion of Gargathy Creek, from headwaters downstream to beginning of tidal waters. Located southeast of Nelsonia.

VA Overall AU Category: **5A**

Use	Impairment	2.46 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Benthic-Macroinvertebrate Bioassessments (Streams)**		01461	**2004**	**2014**	DEQ Streams Benthic-Macroinvertebrate Bioassessments using Regional Reference method. The Aquatic Life Use is impaired due to impacts to the stream's benthic population. Benthic population impacts were recorded at the following sample events: 7-GAR006.01 - moderately impaired [MI:S-'00,F-'00,S-'02,F-'02].

Sources: Source Unknown

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Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Gargathy Creek**

TMDL Group ID: **01462**

VAT-D03R_GAR01A02 **Gargathy Creek** ACCOMACK CO

Riverine portion of Gargathy Creek, from headwaters downstream to beginning of tidal waters. Located southeast of Nelsonia.

VA Overall AU Category: **5A**

Use	Impairment		TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Fecal Coliform**	2.46 MILES	01462	**2004**	**2016**	The Recreatiion Use is impaired due to exceedance (2 violates / 7 obs.) of the criteria for fecal coliform, and with Observed Effects, due to Ecoli bacteria exceedances within limited observations (1 violate / 4 obs.) preventing impairment determination.

Sources: Source Unknown

TMDL Watershed Name: **Gargathy Creek, Lower**

TMDL Group ID: **01460**

VAT-D03E_GAR01A04 **Gargathy Creek - Upper** ACCOMACK CO

Upper estuarine portion of Gargathy Creek from headwaters (approx RM 5.5) downstream to end of DSS condemnation (approx. RM 0.88). DSS shellfish condemnation # 098-172.

VA Overall AU Category: **5A**

Use	Impairment		TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	0.11 SQUARE MILES	01460	**2006**	**2016**	Evaluated from downstream DEQ station @ 7-GAR001.80 . The Aquatic Life use is impaired due to dissolved oxygen concentrations (4 violates / 31 obs.) below the criteria minimum.

Sources: Source Unknown

VAT-D03E_GAR02A04 **Gargathy Creek - Lower** ACCOMACK CO

Lower estuarine portion of Gargathy Creek, from point where channel narrows (RM 3.45) downstream to confluence with Gargathy Bay (RM 1.38). Portion of DSS shellfish condemnation # 172.

VA Overall AU Category: **5A**

Use	Impairment		TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	0.02 SQUARE MILES	01460	**2004**	**2016**	The Aquatic Life use is impaired due to dissolved oxygen concentrations (4 violates / 31 obs.) below the criteria minimum.

Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed

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Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Gargathy Creek, Upper**

TMDL Group ID: **01253**

VAT-D03E_GAR01A04	**Gargathy Creek - Upper**	ACCOMACK CO	Upper estuarine portion of Gargathy Creek from headwaters (approx RM 5.5) downstream to end of DSS condemnation (approx. RM 0.88). DSS shellfish condemnation # 098-172.

VA Overall AU Category: **5A**

Use	Impairment	0.11 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01253	**2004**	**2016**	

Sources: Source Unknown

TMDL Watershed Name: **Georges Cove**

TMDL Group ID: **00957**

VAP-C01E_GEO01A98	**Georges Cove**	LANCASTER CO	Described in the condemnation notice 016-24C, 1/6/2004. The area expanded in the 2006 cycle. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00957	**1998**	**2010**	00957 (SF) VAP-C01E-25 VDH-DSS Shellfish Condemnation Notice 016-24C, 1/6/2004.

Sources: Source Unknown

TMDL Watershed Name: **Gougher Creek**

TMDL Group ID: **15004**

VAP-C01E_GOU01A06	**Gougher Creek**	NORTHUMBERLAND CO	Described in VDH-DSS Shellfish Condemnation 013-089E, 4/16/2006. Area expanded in 2006 cycle. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		15004	**2006**	**2018**	15004 (SF) VAP-C01E-32 VDH-DSS Shellfish Condemnation Number 013-089E, 4/16/2004.

Sources: Source Unknown

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Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Great Wicomico River**

TMDL Group ID: **00959**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAP-C01E_GWR01A98	**Great Wicomico River**	NORTHUMBERLAND CO	Described in the condemnation notice 013-089A, 4/16/2004. CB5MH Size increased in 2004 cycle.

VA Overall AU Category: **5A**

Use	Impairment	0.55 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00959	**1998**	**2010**	00959 (SF) VAP-C01E-01 VDH-DSS Condemnation Number 013-089A, 4/16/2004.

Sources: Source Unknown

TMDL Watershed Name: **Greenbackville Harbor - DSS**

TMDL Group ID: **76557**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-D01E_GBV01A06	**Greenbackville Harbor - DSS**	ACCOMACK CO	Northern Chincoteague Bay near VA-MD border. DSS shellfish condemnation # 100-153.

VA Overall AU Category: **5B**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		76557	**2006**	**2010**	

Sources: Source Unknown

TMDL Watershed Name: **Guilford Creek (#176B)**

TMDL Group ID: **00241**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-C10E_GLF01A06	**Guilford Creek - Upper**	ACCOMACK CO	Northeast of Town of Guilford. Upper portion of creek, from end of tidal waters downstream to end of DSS condemnation. Portion of CBP segment POCMH. DSS shellfish condemnation # 076-176 B.

VA Overall AU Category: **5A**

Use	Impairment	0.15 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00241	**1998**	**2010**	DSS shellfish condemnation # 076-176 B.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Harper Creek**

TMDL Group ID: **00988**

VAP-C03E_HRP01A98	**Harper Creek**	GLOUCESTER CO	Described in the condemnation notice 035-076A, 9/3/2006. Harper Creek is a portion of the Piankatank River condemnation. PIAMH. Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00988	**1998**	**2010**	00980 (SF) VAP-C03E-02 VDH Shellfish Condemnation Notice 035-076A, 9/3/2004. VDH Shellfish Condemnations for the Upper Piankatank River and Harpers Creek were previously separated as areas 076A and 076B (5/24/1999). In September 2004, the condemnation area expanded so that Harpers Creek is now a portion of the Upper Pianaktank River.

Sources: Source Unknown

TMDL Watershed Name: **Harper Creek, Foxes Creek, Gallaman Swamp**

TMDL Group ID: **01738**

VAP-C03R_HRP01A98	**Harper Creek, Foxes Creek, Gallaman Swamp**	GLOUCESTER CO	Harper Creek and its major tributaries, Foxes Creek and Gallaman Swamp.

VA Overall AU Category: **5A**

Use	Impairment	11.47 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01738	**2002**	**2014**	Monitoring for this station ended in 2001. The violations in DO may be attributed to natural conditions and the presence of an upstream beaver dam. There was an observed effort for a single exceedance of the chronic chloride standard.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Harris River**

TMDL Group ID: **01210**

VAT-C07E_HAR01A06	Harris River - Upper	HAMPTON CITY	South shore trib. to mainstem Back R. Adjacent to Fox Hill area. DSS shellfish condemnation # 054-215A (Effective 2004-06-02, previously in # 054-021G - effective 2002-06-25). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.28 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01210	**2006**	**2010**	DSS shellfish condemnation # 054-215A (Effective 2004-06-02, previously in # 054-021G - effective 2002-06-25).

Sources: Source Unknown

TMDL Watershed Name: **Harwoods Mill Reservoir**

TMDL Group ID: **01300**

VAT-C07L_POQ01A04	Harwood Mill Reservoir (PWS)	YORK CO	Harwood Mill Reservoir, portion of Poquoson River upstream of dam @ RM 5.7. PWS for York County.

VA Overall AU Category: **5A**

Use	Impairment	258.00 ACRES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Copper**		01300	**2004**	**2016**	The Aquatic Life impairment is carried from 2004 IR, due to water column copper exceedances of the acute criteria. Data supplied by USGS @ Station 01677850 - surface layer in September 2002. Exceedance of Cu freshwater acute criteria at violation rate of 100% (3 violates / 3 surface obs.).

Sources: Municipal (Urbanized High Density Area)
Source Unknown

Wildlife	**Copper**	01300	**2004**	**2016**	The Wildlife impairment is related to the Aquatic Life impairment, and is carried from 2004 IR, due to water column copper exceedances of the acute criteria. Data supplied by USGS @ Station 01677850 - surface layer in September 2002. Exceedance of Cu freshwater acute criteria at violation rate of 100% (3 violates / 3 surface obs.).

Sources: Municipal (Urbanized High Density Area)
Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Healy Creek**

TMDL Group ID: **00194**

VAP-C03E_HEA01A02	Healy Creek	MIDDLESEX CO	Described in the VDH-DSS Shellfish Condemnation Notice 129, 3/3/1997. PIAMH.

VA Overall AU Category: **5D**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00194	**1998**	**2005**	Cat 4A for Shellfish. 00194 (SF) VAP-C03E-06 VDH-DSS Condemnation 129, 3/3/1997. This segment was originally listed in 1998 as not supporting for the Shellfish Use based on VDH-DSS Shellfish Condemnation 129, 3/3/1997. Piankatank River, Lower Watershed TMDL Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination was completed and EPA approved on 11/15/2005. However, the EPA TMDL ID was not available for the 2006 cycle, therefore this segment will be assessed as Cat 4A.

Sources: Non-Point Source

TMDL Group ID: **15007**

VAP-C03E_HEA02A06	Healy Creek	MIDDLESEX CO	Described in the VDH-DSS Shellfish Condemnation Notice 129, 2/26/1999. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		15007	**1998**	**2018**	15007 (SF) VAP-C03E-13 VDH-DSS SFC Notice 129, 2/26/1999. The upper portion of Healy Creek was originally listed in 1998 based on VDH-DSS Shellfish Condemnation 129, 3/3/1997. Piankatank River, Lower Watershed TMDL Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination was completed and EPA approved on 11/15/2005. Healy Creek condemnation area was later expanded. In the 2006 cycle, this segment was assessed as not supporting for the Shellfish Use.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Heywood Creek**

TMDL Group ID: **01022**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAP-C06E_HEY01A98	**Heywood Creek**	GLOUCESTER CO	Described in the condemnation notice 044-054A, 4/16/2004. Size adjusted during 2006 cycle, although area did not change. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01022	**1998**	**2010**	VAP-C06E-04 VDH DSS Shellfish Condemnation 044-054A, 4/16/2004

Sources: Source Unknown

TMDL Watershed Name: **Holden Creek**

TMDL Group ID: **00420**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-C10E_HLD01A06	**Holdens Creek - Upper**	ACCOMACK CO	Located southeast of Joeys Neck area. From estuarine/riverine transition (end of tidal waters) downstream to 0.5 mi downstream of station @ 7-HLD002.67. Portion of CBP segment POCOH. Portion of DSS shellfish condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		00420	**2006**	**2010**	The Recreation Use is impaired (2 violate / 12 obs.) due to exceedance of the instantaneous criteria for Enterococcus bacteria.The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment since

Sources: Source Unknown

TMDL Group ID: **01231**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-C10E_HLD01A06	**Holdens Creek - Upper**	ACCOMACK CO	Located southeast of Joeys Neck area. From estuarine/riverine transition (end of tidal waters) downstream to 0.5 mi downstream of station @ 7-HLD002.67. Portion of CBP segment POCOH. Portion of DSS shellfish condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01231	**1998**	**2010**	Portion of DSS shellfish condemnation # 075-033.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Holden Creek**

TMDL Group ID: **76710**

VAT-C10E_HLD02A06	Holdens Creek - Lower	ACCOMACK CO	Located southeast of Joeys Neck area. From 0.5 mi downstream of station @ 7-HLD002.67 downstream to mouth. Portion of CBP segment POCOH. Portion of DSS shellfish condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		76710	**1998**	**2016**	Portion of DSS shellfish condemnation # 075-033.

Sources: Source Unknown

TMDL Watershed Name: **Holly Grove Cove**

TMDL Group ID: **00410**

VAT-C13E_HGC01A06	Holly Grove Cove	NORTHAMPTON CO	Located near Wellington Neck. From end of tidal waters downstream to confluence with Nassawadox Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-110C.

VA Overall AU Category: **5A**

Use	Impairment	0.14 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00410	**1998**	**2010**	DSS shellfish condemnation # 085-110C.

Sources: Source Unknown

TMDL Watershed Name: **Holt Creek**

TMDL Group ID: **01468**

VAT-D05R_HLT01A04	Holt Creek	NORTHAMPTON CO	Located east of Martins Siding. Segment from headwaters downstream to start of tidal waters.

VA Overall AU Category: **5A**

Use	Impairment	1.89 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Escherichia coli**		01468	**2006**	**2016**	The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by the Ecoli criteria impairment since threshold of 12 observations reached (3 violates / 12 obs.), with TMDL due date same as original FC impairment.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Holt Creek, Unnamed Tributary**

TMDL Group ID: **01470**

VAT-D05R_XDI01A04	Holt Creek Unnamed Tributary	NORTHAMPTON CO	Located east of Martins Siding. Segment from Penn Central RR crossing near headwaters downstream to confluence with Holt Creek.

VA Overall AU Category: **5A**

Use	Impairment	1.38 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Escherichia coli**		01470	**2006**	**2016**	The Recreatiion Use is impaired due to exceedance of the criteria for Fecal Coliform (3 violates / 6 obs.) and Ecoli (2 violates / 3 obs.). Ecoli imapirment added with 2006 IR.
		Sources: Source Unknown				
Recreation	**Fecal Coliform**		01470	**2004**	**2016**	The Recreatiion Use is impaired due to exceedance of the criteria for Fecal Coliform (3 violates / 6 obs.) and Ecoli (2 violates / 3 obs.).
		Sources: Source Unknown				

TMDL Watershed Name: **Horn Harbor**

TMDL Group ID: **00960**

VAP-C01E_HHB01A98	Horn Harbor	NORTHUMBERLAND CO	Described in the condemnation notice 013-089H, 4/16/2004. Area expanded for the 2006 cycle. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00960	**1998**	**2010**	00960(SF) VAP-C01E-07 VDH-DSS Shellfish Condemnation Notice 013-089H, 4/16/2004.
		Sources: Source Unknown				

TMDL Group ID: **01005**

VAP-C04E_HAH01A98	Horn Harbor	MATHEWS CO	Described in the condemnation notice 039-026A, 3/18/2004. Segment shortened in 2006 CB6PH

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01005	**1998**	**2010**	VAP-C04E-18 VDH-DSS SFC Number 039-026A, 3/18/2004
		Sources: Source Unknown				

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Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Hungar Creek, Upper**

TMDL Group ID: **00427**

VAT-C14E_HUG01A00	Hungars Creek - Upper	NORTHAMPTON CO	Upper portion of Hungars Creek from end tidal waters downstream to Waterford Point (RM 1.8) @ confluence with Jacobus Cr. Portion of CBP segment CB7PH. DSS shellfish direct harvesting condemnation # 086-136 A.

VA Overall AU Category: **5A**

Use	Impairment	0.22 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Fecal Coliform**		00427	**1998**	**2010**	The Recreation Use is impaired based on exceedance (5 violates / 9 obs.) of the Fecal Coliform bacteria criteria.

Sources: Source Unknown

TMDL Group ID: **01241**

VAT-C14E_HUG01A00	Hungars Creek - Upper	NORTHAMPTON CO	Upper portion of Hungars Creek from end tidal waters downstream to Waterford Point (RM 1.8) @ confluence with Jacobus Cr. Portion of CBP segment CB7PH. DSS shellfish direct harvesting condemnation # 086-136 A.

VA Overall AU Category: **5A**

Use	Impairment	0.22 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01241	**1998**	**2010**	DSS shellfish direct harvesting condemnation # 086-136 A.

Sources: Source Unknown

TMDL Watershed Name: **Hunting Creek**

TMDL Group ID: **76011**

VAT-C10E_HUN01A00	Hunting Creek - Upper	ACCOMACK CO	West of Town of Hopkins. Upper portion of creek, from headwaters downstream to end of DSS condemnation. Portion of CBP segment POCMH. DSS condemnation # 077-138 B.

VA Overall AU Category: **5A**

Use	Impairment	0.19 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		76011	**2006**	**2018**	The Recreation Use is impaired based on exceedance of the Enterococcus bacteria criteria (6 violates / 14 obs.).

Sources: Source Unknown

VAT-C10E_HUN02A06	Hunting Creek - Lower	ACCOMACK CO	West of Town of Hopkins. Lower portion of creek, from end of DSS condemnation downstream to mouth. Portion of CBP segment POCMH. DSS (OPEN) shellfish direct harvesting condemnation # 077-138.

VA Overall AU Category: **5A**

Use	Impairment	0.69 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		76011	**2006**	**2018**	The Recreation Use is impaired based on exceedance of the Enterococcus bacteria criteria (6 violates / 14 obs.).

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Hunting Creek (#138C)**

TMDL Group ID: **01232**

VAT-C10E_HUN01A00	**Hunting Creek - Upper**	ACCOMACK CO	West of Town of Hopkins. Upper portion of creek, from headwaters downstream to end of DSS condemnation. Portion of CBP segment POCMH. DSS condemnation # 077-138 B.

VA Overall AU Category: **5A**

Use	Impairment	0.19 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01232	**1998**	**2010**	DSS shellfish direct harvesting condemnation # 077-138 B.

Sources: Source Unknown

TMDL Watershed Name: **Indian Creek**

TMDL Group ID: **00961**

VAP-C01E_IND01A98	**Indian Creek, Pitmans Cove**	LANCASTER CO NORTHUMBERLAND CO	Described in the condemnation notice 016-57A, 11/30/2000. CB5MH. Pitmans Cove VAP-C01E_PIT01A98 and VAP-C01E_IND01A98 were incorporated into this segment, and were deleted in 2006.

VA Overall AU Category: **5A**

Use	Impairment	0.42 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00961	**1998**	**2010**	00961 (SF) VAP-C01E-22 VDH-DSS Shellfish Condemnation Notice 016-57A, 11/30/2000.

Sources: Source Unknown

TMDL Group ID: **15002**

VAP-C01E_IND01A98	**Indian Creek, Pitmans Cove**	LANCASTER CO NORTHUMBERLAND CO	Described in the condemnation notice 016-57A, 11/30/2000. CB5MH. Pitmans Cove VAP-C01E_PIT01A98 and VAP-C01E_IND01A98 were incorporated into this segment, and were deleted in 2006.

VA Overall AU Category: **5A**

Use	Impairment	0.42 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		15002	**2006**	**2018**	15002 (Enterococci) VAP-C01E-29 In 2006, this segment was not supporting for the recreation use due to an Enterococci violation rate of 5/16 at station 7-IND002.26.

Sources: Source Unknown

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Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Indian Creek**

TMDL Group ID: **15002**

VAP-C01E_IND02A98	**Indian Creek**	LANCASTER CO NORTHUMBERLAND CO	Described in the condemnation notice 016-57B, 11/30/2000. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		15002	**2006**	**2018**	Assessment information IND01A98; In 2006, the Enterococci violation rate was 5/16 at downstream station 7-IND002.26

Sources: Municipal Point Source Discharges
Source Unknown

TMDL Watershed Name: **Jackson Creek**

TMDL Group ID: **00989**

VAP-C03E_JCK01A98	**Jackson Creek**	MIDDLESEX CO	Described in the condemnation notice 033-084A, 12/30/2004. Size increased in 2006 cycle. Segments JCK01B98 and JCK01C98 were incorporated into this segment, then deleted. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	0.30 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00989	**1998**	**2010**	0989 (SF) VAP-C03E-08 VDH-DSS SFC Notice 033-084A, 12/30/2004. Area expanded during 2006 cycle to include entire Jackson Creek. Segments JCK01B98 and JCK01C98 were incorporated into JCK01A98, then deleted.

Sources: Source Unknown

TMDL Watershed Name: **Jacobus Creek - Middle and Forks**

TMDL Group ID: **00408**

VAT-C14E_JAC02A06	**Jacobus Creek - Middle and Forks**	NORTHAMPTON CO	West of Johnsontown. Trib to Hungars Cr. Middle mainstem, north fork and lower portion of south fork. Portion of CBP segment CB7PH. DSS direct shellfish harvesting condemnation # 086-136 B.

VA Overall AU Category: **5A**

Use	Impairment	0.29 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00408	**1998**	**2010**	DSS shellfish condemnation # 085-199 A.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Jarvis Creek**

TMDL Group ID: **00963**

VAP-C01E_JAR01A02	Jarvis Creek	NORTHUMBERLAND CO	As described in the condemnation notice 015-022F, 4/25/2003. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00963	**2002**	**2014**	00963 (SF) VAP-C01E-30 VDH-DSS condemnation 015-022F, 4/25/2003.

Sources: Source Unknown

TMDL Watershed Name: **Johnson Creek**

TMDL Group ID: **15001**

VAP-C01E_JOH01A06	Johnson Creek	LANCASTER CO	Area as described in VDH-DSS SFC 016-24D 1/6/2004. CB5MH

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		15001	**2006**	**2018**	15001 (SF) VAP-C01E-26 VDH-DSS Shellfish Condemnation Notice 016-24D, 1/6/2004.

Sources: Source Unknown

TMDL Watershed Name: **Kelley Cove**

TMDL Group ID: **76555**

VAT-C13E_KLL01A06	Kelley Cove	NORTHAMPTON CO	In Occohonnock Neck near James Wharf, trib. to upper Nassawadox Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-110 A.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		76555	**1998**	**2010**	DSS shellfish condemnation # 085-110 A.

Sources: Source Unknown

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Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Kings Creek, Upper Forks**

TMDL Group ID: **01244**

VAT-C15E_KNS01A00	**Kings Creek - Upper Forks**	NORTHAMPTON CO	From end of tidal waters downstream to confluence of the two most upstream forks. Portion of CBP segment CB7PH. DSS condemnation # 088-139B.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01244	**1998**	**2010**	

Sources: Source Unknown

TMDL Watershed Name: **Lake Rudee**

TMDL Group ID: **01477**

VAT-D07E_LAI01A06	**Lake Rudee - Upper**	VIRGINIA BEACH CITY	Lake Rudee, from end of Owl Creek downstream to approx. RM 0.4 (upstream of confluence of Lake Holly with Rudee Inlet canal). Portion of DSS shellfish condemnation # 073-074.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		01477	**2006**	**2016**	Recreation Use impaired due to Enterococcus bacteria concentrations exceeding (2 violates / 14 obs.) the instantaneous swimming indicator criteria (the previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by the Enterococcus bacteria criteria impairment since threshold of 12 observations reached, with TMDL due date same as original FC impairment).

Sources: Source Unknown

TMDL Watershed Name: **Lake Rudee - Lower (Rudee Inlet Canal)**

TMDL Group ID: **76566**

VAT-D07E_LAI02A06	**Lake Rudee - Lower (Rudee Inlet Canal)**	VIRGINIA BEACH CITY	Lower portion of Lake Rudee, including Rudee Inlet Canal. From RM 0.4 (upstream of confluence of Lake Holly with Rudee Inlet canal) downstream through Inlet canal to mouth. Portion of DSS shellfish condemnation # 073-074.

VA Overall AU Category: **5B**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		76566	**2006**	**2018**	DSS shellfish condemnation # 073-074. Effective 1989-04-27.

Sources: Source Unknown

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Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lake Rudee - Upper**

TMDL Group ID: **76565**

VAT-D07E_LAI01A06	Lake Rudee - Upper	VIRGINIA BEACH CITY	Lake Rudee, from end of Owl Creek downstream to approx. RM 0.4 (upstream of confluence of Lake Holly with Rudee Inlet canal). Portion of DSS shellfish condemnation # 073-074.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		76565	**2004**	**2018**	DSS shellfish condemnation # 073-074. Effective 1989-04-27.

Sources: Source Unknown

TMDL Watershed Name: **Lake Smith (Lower), (PWS Reservoir)**

TMDL Group ID: **01444**

VAT-C08L_LAS02A02	Lake Smith - Lower (PWS)	NORFOLK CITY VIRGINIA BEACH CITY	East of Norfolk Municipal Airport, south of Little Creek Reservoir. Begins above Norfolk SM1 station (approx RM 0.15) south of two branches near Rt 13 and ends at lake terminus south of Route 13 (RM 0.0). City of Norfolk PWS.

VA Overall AU Category: **5A**

Use	Impairment	56.00 ACRES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01444	**2004**	**2014**	The Aquatic Life Use impairment is retained from the 2002 303d listing, due to dissolved oxygen concentration measurements (3 violates / 15 observations) below the minimum criteria (4.0 mg/L) within the observations at the City of Norfolk's SM1 station sampled during the current cycle. The Aquatic Life impairment is based on dissolved oxygen concentration measurements (3 violates / 15 observations) below the minimum criteria (4.0 mg/L) within the observations at the City of Norfolk's SM1 station. Segment originally listed impaired in 2002 IR due to DEQ station data @ 7-LAS000.06. Data at this DEQ station for 2006 IR showed use support (1 violate / 16 observations). However, the Aquatic Life Use impairment is retained from the 2002 303d listing, due to dissolved oxygen concentration measurements (3 violates / 15 observations) below the minimum criteria (4.0 mg/L) within the observations at the City of Norfolk's SM1 station sampled during the current cycle. With data reported from the station which was the basis for the impairment listing in 2002 IR (DEQ station data @ 7-LAS000.06) showing use support (1 violate / 16 observations) one violation from indicating impairment, there is insufficient data to recommend de-listing the previous impairment. This lake is non-stratified. The TSI evaluation is based on the DEQ station data due to the lack of parameter data at the City of Norfolk's SM1 station. The chlorophyll a (73), TP (79) and Secchi (70) TSIs exceeded the target value of 60, indicating anthropogenic (pollution) causes for the impairment.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lake Trashmore - Western Pond**

TMDL Group ID: **76070**

VAT-C08L_MTL01A06 **Lake Trashmore - Western Pond** VIRGINIA BEACH CITY

Headwaters area of Thalia Cr. to Eastern Br. Lynnhaven River. Includes Western portion of dual ponds lake system, pond on eastern side of Mt. Trashmore is not included in VDH advisory.

VA Overall AU Category: **5A**

Use	Impairment		TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	54.00 ACRES	76070	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption ban (for Carp) and advisory (for Yellow Perch) for PCBs fish tissue contamination issued 12/13/04. DEQ (CORE) monitoring at 7-LAW001.00 for fish tissue results exceeded DEQ-SV for Hg and PCBs.

Sources: Source Unknown

TMDL Group ID: **76600**

VAT-C08L_MTL01A06 **Lake Trashmore - Western Pond** VIRGINIA BEACH CITY

Headwaters area of Thalia Cr. to Eastern Br. Lynnhaven River. Includes Western portion of dual ponds lake system, pond on eastern side of Mt. Trashmore is not included in VDH advisory.

VA Overall AU Category: **5A**

Use	Impairment		TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**Mercury in Fish Tissue**	54.00 ACRES	76600	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption advisory (Carp and Largemouth Bass) for mercury and PCBs fish tissue contamination (issued 9/30/04 for Hg, 12/13/04 for PCBs) and DEQ (CORE) monitoring at 7-MTL000.20 for fish tissue results exceeded DEQ-SV for Hg and PCBs.

Sources: Source Unknown

TMDL Watershed Name: **Lake Wesley - Upstream Branches**

TMDL Group ID: **76029**

VAT-D07E_LAE01A06 **Lake Wesley - Upstream Branches** VIRGINIA BEACH CITY

From start of both branches downstream to confluence with Rudee Inlet. Segment reflects status of station at mid-embayment. DSS shellfish condemnation # 073-074.

VA Overall AU Category: **5B**

Use	Impairment		TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**	0.03 SQUARE MILES	76029	**2006**	**2018**	

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lake Whitehurst**

TMDL Group ID: **76071**

VAT-C08L_LAW01A00 | **Lake Whitehurst - Majority of System (PWS)** | NORFOLK CITY | Located south of Little Creek Harbor. From Rt. 60 south to border of Norfolk Intl Airport. Minus portion of Azalea Garden Rd. cove. Overflow is downstream to Little Creek Cove/Harbor. City of Norfolk PWS.

VA Overall AU Category: **5A**

Use	Impairment	457.00 ACRES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76071	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption ban (for Carp) and advisory (for Yellow Perch) for PCBs fish tissue contamination issued 12/13/04. DEQ (CORE) monitoring at 7-LAW001.00 for fish tissue results exceeded DEQ-SV for Hg and PCBs.

Sources: Source Unknown

VAT-C08L_LAW02A06 | **Lake Whitehurst - Azalea Garden Rd Embayment (PWS)** | NORFOLK CITY | Located south of Little Creek Harbor. Area of shallow embayment between Azalea Garden Rd east towards Norfolk Intl. Airport. Small middle portion of lake system. City of Norfolk PWS.

VA Overall AU Category: **5A**

Use	Impairment	23.00 ACRES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		76071	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption ban (for Carp) and advisory (for Yellow Perch) for PCBs fish tissue contamination issued 12/13/04. DEQ (CORE) monitoring at 7-LAW001.00 for fish tissue results exceeded DEQ-SV for Hg and PCBs.

Sources: Source Unknown

TMDL Group ID: **76601**

VAT-C08L_LAW02A06 | **Lake Whitehurst - Azalea Garden Rd Embayment (PWS)** | NORFOLK CITY | Located south of Little Creek Harbor. Area of shallow embayment between Azalea Garden Rd east towards Norfolk Intl. Airport. Small middle portion of lake system. City of Norfolk PWS.

VA Overall AU Category: **5A**

Use	Impairment	23.00 ACRES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**Mercury in Fish Tissue**		76601	**2006**	**2018**	The Fish Consumption Use is impaired based on the VDH fish consumption ban (for Carp) and advisory (for Yellow Perch) for PCBs fish tissue contamination issued 12/13/04. DEQ (CORE) monitoring at 7-LAW001.00 for fish tissue results exceeded DEQ-SV for Hg and PCBs.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lake Whitehurst - Azalea Garden Rd Embayment (PWS)**

TMDL Group ID: **76005**

VAT-C08L_LAW02A06	Lake Whitehurst - Azalea Garden Rd Embayment (PWS)	NORFOLK CITY	Located south of Little Creek Harbor. Area of shallow embayment between Azalea Garden Rd east towards Norfolk Intl. Airport. Small middle portion of lake system. City of Norfolk PWS.

VA Overall AU Category: **5A**

Use	Impairment	23.00 ACRES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76005	**2006**	**2018**	The Aquatic Life Use impairment is due to dissolved oxygen concentration measurements (2 violates / 14 obs.) below the minimum criteria (4.0 mg/L) and pH concentration measurements (3 violates / 20 obs.) above the maximum criteria (9.0 SU) reported from monitoring observations at the City of Norfolk's (MUN-WH4) lake station sampled during the current cycle. Unable to perform TSI calculation as no data are available for needed parameters (sechi, TP, Chl a).

Sources: Source Unknown

TMDL Group ID: **76006**

VAT-C08L_LAW02A06	Lake Whitehurst - Azalea Garden Rd Embayment (PWS)	NORFOLK CITY	Located south of Little Creek Harbor. Area of shallow embayment between Azalea Garden Rd east towards Norfolk Intl. Airport. Small middle portion of lake system. City of Norfolk PWS.

VA Overall AU Category: **5A**

Use	Impairment	23.00 ACRES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**pH**		76006	**2006**	**2018**	The Aquatic Life Use impairment is due to pH concentration measurements (3 violates / 20 obs.) above the maximum criteria (9.0 SU) reported from monitoring observations at the City of Norfolk's (MUN-WH4) lake station sampled during the current cycle.

Sources: Source Unknown

TMDL Watershed Name: **Lambs Creek - Poquoson River**

TMDL Group ID: **01221**

VAT-C07E_LMC01A04	Lambs Creek - Poquoson River	POQUOSON CITY CITY YORK CO	South shore tributary to Poquoson R, west of Poquoson Shores. On border of Poquoson/York boundary. Between Moores Cr. and Roberts Cr to east. DSS Shellfish condemnation # 053-137 E (effective 2004-04-26). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.16 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01221	**2006**	**2016**	DSS Shellfish condemnation # 053-137 E (effective 2004-04-26).

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Leatherberry Creek**

TMDL Group ID: **01237**

VAT-C11E_LTH01A00	**Leatherberry Creek**	ACCOMACK CO	Entire estuarine portion of creek. South shore tributary of Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-013C.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01237	**1998**	**2010**	Portion of DSS shellfish condemnation # 081-013C.

Sources: Source Unknown

TMDL Watershed Name: **Lees Cove**

TMDL Group ID: **00964**

VAP-C01E_LEE01A02	**Lees Cove**	LANCASTER CO	As described in the condemnation notice 016-24B, 1/6/2004. CB5MH

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00964	**2002**	**2014**	00964 (SF) VAP-C01E-20 VDH-DSS condemnation 016-024B, 1/6/2004

Sources: Source Unknown

TMDL Watershed Name: **Little Cat Creek**

TMDL Group ID: **76018**

VAT-D02E_HOC01A06	**Little Cat Creek**	ACCOMACK CO	Located at SW tip of Wallops Isl. from confluence of Hog Cr. to Assawoman Inlet. Entirety of creek. DSS shellfish condemnation # 099-135B.

VA Overall AU Category: **5B**

Use	Impairment	0.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		76018	**2006**	**2018**	

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Little Creek Reservoir - Lower (PWS)**

TMDL Group ID: **76007**

VAT-C08L_LTR02A02	Little Creek Reservoir - Lower (PWS)	VIRGINIA BEACH CITY	Located south of Little Creek Amphibious Base. Segment begins RM 0.2 (south of two branches near Rt 60) ends at lake terminus @ route 60 (RM 0.0). City of Norfolk PWS.

VA Overall AU Category: **5A**

Use	Impairment	10.00 ACRES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76007	**2006**	**2018**	The Aquatic Life Use impairment is added for dissolved oxygen concentrations below the minimum criteria (4.0 mg/L) as reported by observations at the City of Norfolk's LC1 station (3 violates / 11 obs.) sampled during the current cycle. TSI Results [from 7-LTR000.04] All > 60 = Anthropogenic Source.

Sources: Source Unknown

TMDL Watershed Name: **Little Creek Reservoir (Lower), (PWS Reservoir)**

TMDL Group ID: **01445**

VAT-C08L_LTR02A02	Little Creek Reservoir - Lower (PWS)	VIRGINIA BEACH CITY	Located south of Little Creek Amphibious Base. Segment begins RM 0.2 (south of two branches near Rt 60) ends at lake terminus @ route 60 (RM 0.0). City of Norfolk PWS.

VA Overall AU Category: **5A**

Use	Impairment	10.00 ACRES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**pH**		01445	**2004**	**2014**	The Aquatic Life Use impairment for elevated pH (> 9.0 SU) is continued from the 2002 303d listing (9 violates / 21 obs. @ 7-LTR000.04; 2 violates / 18 obs. @ LC1).

Sources: Source Unknown

TMDL Watershed Name: **Little Mosquito Creek, Lower**

TMDL Group ID: **01248**

VAT-D01E_LTM02A04	Little Mosquito Creek - Lower	ACCOMACK CO	From confluence of Snead Branch downstream to mouth. DSS shellfish harvesting condemnation # 100-032A.

VA Overall AU Category: **5A**

Use	Impairment	0.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01248	**1998**	**2010**	DSS shellfish harvesting condemnation # 100-032A under TMDL ID: VAT-D01E-14.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Little Mosquito Creek, Lower**

TMDL Group ID: **01454**

VAT-D01E_LTM01A06 **Little Mosquito Creek - Upper** ACCOMACK CO

From headwaters downstream to confluence of Snead Branch. Area of DSS (ADMINISTRATIVE-due to VPDES outfall @ VA0024457) condemnation 100-032B.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		01454	**2006**	**2016**	The Recreatiion Use is impaired due to exceedance of the criteria for Enterococci bacteria (2 violates / 15 obs.). The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment since threshold of 12 observations reached, with TMDL due date same as original FC impairment.

Sources: Source Unknown

VAT-D01E_LTM02A04 **Little Mosquito Creek - Lower** ACCOMACK CO

From confluence of Snead Branch downstream to mouth. DSS shellfish harvesting condemnation # 100-032A.

VA Overall AU Category: **5A**

Use	Impairment	0.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		01454	**2004**	**2016**	Recreation Use impaired (2 violates / 15 observations) due to Enterococcus concentrations exceeding the swimming indicator criteria (the previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment since threshold of 12 observations reached, with TMDL due date same as original FC impairment (TMDL ID: VAT-D01E-02).

Sources: Source Unknown

TMDL Group ID: **01455**

VAT-D01E_LTM02A04 **Little Mosquito Creek - Lower** ACCOMACK CO

From confluence of Snead Branch downstream to mouth. DSS shellfish harvesting condemnation # 100-032A.

VA Overall AU Category: **5A**

Use	Impairment	0.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01455	**2004**	**2016**	The 2004 IR DO impairment is retained until improvement can be confirmed in next assessment (2006 IR data showed 3 violates / 30 obs. = 10.0% violation rate).

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Little Neck Creek**

TMDL Group ID: **01224**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-C08E_LNC01A00	**Little Neck Creek**	VIRGINIA BEACH CITY	Eastern shore tributary of Linkhorn Bay, near Bay Colony. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _BBY01A00 & _LON01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.33 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01224	**1998**	**2004**	Category 4A. EPA approved 12/02/2004. Portion of DSS condemnation #071-025 C (balance in VAT-C08E_LKN01A00 & CRY01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.

Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)
Municipal (Urbanized High Density Area)
Natural Sources
Non-Point Source
On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems)

TMDL Watershed Name: **London Bridge Creek**

TMDL Group ID: **00182**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-C08E_LOB01A00	**London Bridge Creek**	VIRGINIA BEACH CITY	Entirety of creek, from headwaters near Shipps Corner downstream to Rt. 58 crossing. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, WES01A00, LYN01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		00182	**2006**	**2010**	The Recreation Use is impaired due to exceedance (14 violates / 15 obs.) of the criteria for Enterococcus bacteria. The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment, with the same TMDL due date as the FC impairment, since the threshold of 12 observations has been reached.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **London Bridge Creek**

TMDL Group ID: **01225**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-C08E_LOB01A00	**London Bridge Creek**	VIRGINIA BEACH CITY	Entirety of creek, from headwaters near Shipps Corner downstream to Rt. 58 crossing. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, WES01A00, LYN01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01225	**1998**	**2004**	Category 4A. EPA approved 12/02/2004. Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.

Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)
Municipal (Urbanized High Density Area)
Natural Sources
Non-Point Source
On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems)

TMDL Watershed Name: **London Bridge Creek and Canal #2**

TMDL Group ID: **01227**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-C08E_XBO01A00	**Canal No. 2**	VIRGINIA BEACH CITY	Man-Made tributary to London Bridge Creek. Entire length of Canal No. 2. Portion of CBP segment LYNPH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5D**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		01227	**2006**	**2005**	Category 4A. EPA approved 9/27/2005. The Recreation Use is impaired due to exceedance (10 violates / 14 obs.) of the criteria for Enterococcus bacteria. The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment, with the same TMDL due date as the FC impairment, since the threshold of 12 observations has been reached.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River**

TMDL Group ID: **00055**

VAT-C08E_EBL01A06 — **Eastern Branch - Upper, Lynnhaven River** — VIRGINIA BEACH CITY

From end of London Br. Cr. (Rt 58 crossing) downstream to eastern shore embayment near Forest Hills. Portion of CBP segment LYNPH.Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, LYN01A00).

VA Overall AU Category: **5D**

Use	Impairment	Impairment	0.70 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**			00055	**1998**	**2004**	Category 4A. EPA approved 12/02/2004. Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.

Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)
Municipal (Urbanized High Density Area)
Natural Sources
Non-Point Source
On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems)

VAT-C08E_EBL02A06 — **Eastern Branch - Lower, Lynnhaven River** — VIRGINIA BEACH CITY

From eastern shore embayment near Forest Hills downstream to confluence with mainstem. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _LKN01A00 & _LON01A00).

VA Overall AU Category: **5D**

Use	Impairment	Impairment	0.29 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**			00055	**1998**	**2004**	Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.

Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)
Municipal (Urbanized High Density Area)
Natural Sources
Non-Point Source
On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems)

VAT-C08E_LYN01A06 — **Lynnhaven River - Mainstem** — VIRGINIA BEACH CITY

Tributary to shouth shore of Chesapeake Bay. Mainstem area near mouth. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation # 071-025 A (balance in VAT-C08E_EBL01A00, _WES01A00). Effective 2003-12-11

VA Overall AU Category: **5D**

Use	Impairment	Impairment	1.31 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**			00055	**1998**	**2004**	Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.

Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)
Municipal (Urbanized High Density Area)
Natural Sources
Non-Point Source
On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River**

TMDL Group ID: **00055**

VAT-C08E_WES01A06 — **Western Branch - Upper, Lynnhaven River** — VIRGINIA BEACH CITY

From the end of Thurston Branch downstream to Witch Duck Point. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, LYN01A00). Effective 2003-12-11.

VA Overall AU Category: **5D**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**	0.28	SQUARE MILES	00055	**1998**	**2004**	Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.

Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)
Municipal (Urbanized High Density Area)
Natural Sources
Non-Point Source
On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems)

VAT-C08E_WES02A06 — **Western Branch - Lower, Lynnhaven River** — VIRGINIA BEACH CITY

From Witch Duck Point downstream to confluence with mainstem. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, _LYN01A00).

VA Overall AU Category: **5D**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**	0.40	SQUARE MILES	00055	**1998**	**2004**	Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & EBL01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.

Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)
Municipal (Urbanized High Density Area)
Natural Sources
Non-Point Source
On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems)

VAT-C08E_ZZZ01A00 — **Unsegmented tidal tributaries in C09E-LYNPH** — VIRGINIA BEACH CITY

Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A and C (balance in VAT-C08E_EBL01A00, WES01A00, _LYN01A00 & _DEY01A00, _LKN01A00 & _CRY01A00).

VA Overall AU Category: **5D**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**	1.63	SQUARE MILES	00055	**1998**	**2004**	Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & EBL01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.

Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)
Municipal (Urbanized High Density Area)
Natural Sources
Non-Point Source
On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River**

TMDL Group ID: **01439**

VAT-C08E_EBL01A06	Eastern Branch - Upper, Lynnhaven River	VIRGINIA BEACH CITY	From end of London Br. Cr. (Rt 58 crossing) downstream to eastern shore embayment near Forest Hills. Portion of CBP segment LYNPH.Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, LYN01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.70 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		01439	**2006**	**2016**	The Recreation Use is impaired due to exceedance (2 violates / 13 obs.) of the criteria for Enterococcus bacteria. The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment, with the same TMDL due date as the FC impairment, since the threshold of 12 observations has been reached.

Sources: Source Unknown

TMDL Group ID: **01441**

VAT-C08E_WES01A06	Western Branch - Upper, Lynnhaven River	VIRGINIA BEACH CITY	From the end of Thurston Branch downstream to Witch Duck Point. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, LYN01A00). Effective 2003-12-11.

VA Overall AU Category: **5D**

Use	Impairment	0.28 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		01441	**2006**	**2014**	The Recreation Use is impaired due to exceedances (2 violates / 13 obs.) @ 7-WES001.68 and (5 violates / 13 obs.) @ 7-WES002.58 of the criteria for Enterococcus bacteria. The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment, with the same TMDL due date as the FC impairment, since the threshold of 12 observations has been reached.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **01781**

VAT-C08E_BBY01A06	Broad Bay - Upper	VIRGINIA BEACH CITY	Located adjacent to Broad Bay Colony area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation # 071-025 C (balance in VAT-C08E_DEY01A00, _LKN01A00 & _CRY01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.90 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **01781**

VAT-C08E_BBY02A06	Broad Bay - Lower	VIRGINIA BEACH CITY	Located adjacent to Broad Bay Colony area of VB. East of Lynnhaven River. Lower portion of bay. Portion of CBP segment LYNPH. DSS (OPEN) shellfish direct harvesting condemnation # 071-025.

VA Overall AU Category: **5A**

Use	Impairment (0.34 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				
Open-Water Aquatic Life	**Oxygen, Dissolved**	01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **01781**

VAT-C08E_CRY01A00	Crystal Lake	VIRGINIA BEACH CITY	Includes Rainey Gut. Located in North Linkhorn Park area in Virginia Beach. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_DEY01A00, _LKN01A00 & _CRY01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.13 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**	01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **01781**

VAT-C08E_DEY01A00	Dey Cove/Mill Dam Creek	VIRGINIA BEACH CITY	Located attached to west shore of Broad Bay Colony area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _LKN01A00 & _LON01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**	01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **01781**

VAT-C08E_EBL01A06	Eastern Branch - Upper, Lynnhaven River	VIRGINIA BEACH CITY	From end of London Br. Cr. (Rt 58 crossing) downstream to eastern shore embayment near Forest Hills. Portion of CBP segment LYNPH.Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, LYN01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.70 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

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Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **01781**

VAT-C08E_EBL02A06	Eastern Branch - Lower, Lynnhaven River	VIRGINIA BEACH CITY	From eastern shore embayment near Forest Hills downstream to confluence with mainstem. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _LKN01A00 & _LON01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.29 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**	01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **01781**

VAT-C08E_LKN01A00	Linkhorn Bay	VIRGINIA BEACH CITY	Located adjacent to Linkhorn Estates area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _BBY01A00 & _LON01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.95 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **01781**

VAT-C08E_LNC01A00	Little Neck Creek	VIRGINIA BEACH CITY	Eastern shore tributary of Linkhorn Bay, near Bay Colony. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _BBY01A00 & _LON01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.33 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

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Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **01781**

VAT-C08E_LOB01A00	**London Bridge Creek**	VIRGINIA BEACH CITY	Entirety of creek, from headwaters near Shipps Corner downstream to Rt. 58 crossing. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, WES01A00, LYN01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO). This segment was previously listed for DO impairment of minimum criteria (4.0 mg/l) under TMDL ID: VAT-C08E-05.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **01781**

VAT-C08E_LON01A00	Long Creek	VIRGINIA BEACH CITY	Northern shore tributary of Broad Bay, near Bay Island area. Portion of CBP segment LYNPH. DSS shellfish direct harvesting condemnation #071-025 B. Effective 2003-12-11.

VA Overall AU Category: **5D**

Use	Impairment (0.27 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				
Open-Water Aquatic Life	**Oxygen, Dissolved**	01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **01781**

VAT-C08E_LYN01A06	Lynnhaven River - Mainstem	VIRGINIA BEACH CITY	Tributary to shouth shore of Chesapeake Bay. Mainstem area near mouth. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation # 071-025 A (balance in VAT-C08E_EBL01A00, _WES01A00). Effective 2003-12-11

VA Overall AU Category: **5D**

Use	Impairment	1.31 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **01781**

VAT-C08E_THA01A02	Thalia Creek/Thurston Branch	VIRGINIA BEACH CITY	Beginning of Thalia Creek (includes Thurston Branch) from headwaters downstream to Western Br. Lynnhaven R. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, _LYN01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.16 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

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Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **01781**

VAT-C08E_WES01A06	Western Branch - Upper, Lynnhaven River	VIRGINIA BEACH CITY	From the end of Thurston Branch downstream to Witch Duck Point. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, LYN01A00). Effective 2003-12-11.

VA Overall AU Category: **5D**

Use	Impairment	0.28 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **01781**

VAT-C08E_WES02A06	Western Branch - Lower, Lynnhaven River	VIRGINIA BEACH CITY	From Witch Duck Point downstream to confluence with mainstem. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, _LYN01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.40 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **01781**

VAT-C08E_WNC01A00	West Neck Creek (Upper) to London Bridge Creek	VIRGINIA BEACH CITY	From Princess Anne Rd. crossing downstream to junction with London Bridge Cr. at Shipps Corner area. Segment has been determined by USGS to drain to C08E (Lynnhaven River). Portion of CBP segment LYNPH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5D**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO). This segment was previously listed for DO impairment of minimum criteria (4.0 mg/l) under TMDL ID: VAT-C08E-05.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **01781**

VAT-C08E_XBO01A00 **Canal No. 2** VIRGINIA BEACH CITY Man-Made tributary to London Bridge Creek. Entire length of Canal No. 2. Portion of CBP segment LYNPH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5D**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO). This segment was previously listed for DO impairment of minimum criteria (4.0 mg/l) under TMDL ID: VAT-C08E-05.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **01781**

VAT-C08E_ZZZ01A00	Unsegmented tidal tributaries in C09E-LYNPH	VIRGINIA BEACH CITY	Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A and C (balance in VAT-C08E_EBL01A00, WES01A00, _LYN01A00 & _DEY01A00, _LKN01A00 & _CRY01A00).

VA Overall AU Category: **5D**

Use	Impairment (1.63 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				
Open-Water Aquatic Life	**Oxygen, Dissolved**	01781	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **76083**

VAT-C08E_BBY01A06	Broad Bay - Upper	VIRGINIA BEACH CITY	Located adjacent to Broad Bay Colony area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation # 071-025 C (balance in VAT-C08E_DEY01A00, _LKN01A00 & _CRY01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.90 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **76083**

VAT-C08E_BBY02A06	**Broad Bay - Lower**	VIRGINIA BEACH CITY	Located adjacent to Broad Bay Colony area of VB. East of Lynnhaven River. Lower portion of bay. Portion of CBP segment LYNPH. DSS (OPEN) shellfish direct harvesting condemnation # 071-025.

VA Overall AU Category: **5A**

Use	Impairment	0.34 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **76083**

VAT-C08E_CRY01A00	Crystal Lake	VIRGINIA BEACH CITY	Includes Rainey Gut. Located in North Linkhorn Park area in Virginia Beach. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_DEY01A00, _LKN01A00 & _CRY01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.13 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **76083**

VAT-C08E_DEY01A00	**Dey Cove/Mill Dam Creek**	VIRGINIA BEACH CITY	Located attached to west shore of Broad Bay Colony area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _LKN01A00 & _LON01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **76083**

VAT-C08E_EBL01A06	Eastern Branch - Upper, Lynnhaven River	VIRGINIA BEACH CITY	From end of London Br. Cr. (Rt 58 crossing) downstream to eastern shore embayment near Forest Hills. Portion of CBP segment LYNPH.Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, LYN01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.70 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **76083**

VAT-C08E_EBL02A06	Eastern Branch - Lower, Lynnhaven River	VIRGINIA BEACH CITY	From eastern shore embayment near Forest Hills downstream to confluence with mainstem. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _LKN01A00 & _LON01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.29 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **76083**

VAT-C08E_LKN01A00	**Linkhorn Bay**	VIRGINIA BEACH CITY	Located adjacent to Linkhorn Estates area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _BBY01A00 & _LON01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.95 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **76083**

VAT-C08E_LNC01A00	Little Neck Creek	VIRGINIA BEACH CITY	Eastern shore tributary of Linkhorn Bay, near Bay Colony. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _BBY01A00 & _LON01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.33 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **76083**

VAT-C08E_LOB01A00	**London Bridge Creek**	VIRGINIA BEACH CITY	Entirety of creek, from headwaters near Shipps Corner downstream to Rt. 58 crossing. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, WES01A00, LYN01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **76083**

VAT-C08E_LON01A00	Long Creek	VIRGINIA BEACH CITY	Northern shore tributary of Broad Bay, near Bay Island area. Portion of CBP segment LYNPH. DSS shellfish direct harvesting condemnation #071-025 B. Effective 2003-12-11.

VA Overall AU Category: **5D**

Use	Impairment	0.27 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
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Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **76083**

VAT-C08E_LYN01A06	**Lynnhaven River - Mainstem**	VIRGINIA BEACH CITY	Tributary to shouth shore of Chesapeake Bay. Mainstem area near mouth. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation # 071-025 A (balance in VAT-C08E_EBL01A00, _WES01A00). Effective 2003-12-11

VA Overall AU Category: **5D**

Use	Impairment	1.31 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **76083**

VAT-C08E_THA01A02	Thalia Creek/Thurston Branch	VIRGINIA BEACH CITY	Beginning of Thalia Creek (includes Thurston Branch) from headwaters downstream to Western Br. Lynnhaven R. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, _LYN01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.16 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **76083**

VAT-C08E_WES01A06	Western Branch - Upper, Lynnhaven River	VIRGINIA BEACH CITY	From the end of Thurston Branch downstream to Witch Duck Point. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, LYN01A00). Effective 2003-12-11.

VA Overall AU Category: **5D**

Use	Impairment	0.28 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **76083**

VAT-C08E_WES02A06	Western Branch - Lower, Lynnhaven River	VIRGINIA BEACH CITY	From Witch Duck Point downstream to confluence with mainstem. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, _LYN01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.40 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **76083**

VAT-C08E_WNC01A00	West Neck Creek (Upper) to London Bridge Creek	VIRGINIA BEACH CITY	From Princess Anne Rd. crossing downstream to junction with London Bridge Cr. at Shipps Corner area. Segment has been determined by USGS to drain to C08E (Lynnhaven River). Portion of CBP segment LYNPH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5D**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **76083**

VAT-C08E_XBO01A00	Canal No. 2	VIRGINIA BEACH CITY	Man-Made tributary to London Bridge Creek. Entire length of Canal No. 2. Portion of CBP segment LYNPH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5D**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lynnhaven River Polyhaline Embayments**

TMDL Group ID: **76083**

VAT-C08E_ZZZ01A00	Unsegmented tidal tributaries in C09E-LYNPH	VIRGINIA BEACH CITY	Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A and C (balance in VAT-C08E_EBL01A00, WES01A00, _LYN01A00 & _DEY01A00, _LKN01A00 & _CRY01A00).

VA Overall AU Category: **5D**

Use	Impairment	1.63 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76083	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Lyons Creek - Upper**

TMDL Group ID: **01749**

VAT-C07E_LYO01A06	Lyons Creek - Upper	POQUOSON CITY CITY	South shore tributary to Poquoson R, in area of York Haven Anchorage. East of Roberts Cr. and north of White House Cove. DSS Shellfish condemnation # 053-137 E (effective 2004-04-26). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.04 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01749	**2006**	**2018**	DSS Shellfish condemnation # 053-137 E (effective 2004-04-26).

Sources: Source Unknown

TMDL Watershed Name: **Magothy Bay**

TMDL Group ID: **01471**

VAT-D06E_MAG01A04	Magothy Bay	NORTHAMPTON CO	Located northeast of Cedar Grove. Segment 0.1 mi. area adjacent to station at Cushmans Landing. No DSS shellfish condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.04 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01471	**2004**	**2016**	The Aquatic Life use is impaired (4 violates / 21 obs.) due to dissolved oxygen concentrations below the criteria minimum (4.0 mg/l).

Sources: Source Unknown

TMDL Watershed Name: **Matchotank Creek - Upper**

TMDL Group ID: **00286**

VAT-C11E_MTC01A06	Matchotank Creek - Upper	ACCOMACK CO	South of Broadway Neck area. Portion of CBP segment CB7PH. DSS shellfish conedmnation # 080-169 (Effective 2004-01-13).

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00286	**2006**	**2018**	DSS shellfish conedmnation # 080-169 (Effective 2004-01-13).

Sources: Source Unknown

TMDL Watershed Name: **Mattawoman Creek**

TMDL Group ID: **00406**

VAT-C14E_MAT01A06	Mattawoman Creek - Upper	NORTHAMPTON CO	South of Wilsonia Neck. Portion of CBP segment CB7PH. DSS shellfish condemnation # 086-136 C.

VA Overall AU Category: **5A**

Use	Impairment	0.22 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00406	**1998**	**2010**	DSS shellfish condemnation # 085-199 A.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **McLean Gut**

TMDL Group ID: **00390**

VAT-C13E_NAN03A00	**Nandua Creek - McLean Gut**	ACCOMACK CO	Southwest of Fairview Neck area. Shouth shore tributary of middle Nandua Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 082-160 C.

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00390	**1998**	**2010**	DSS shellfish condemnation # 082-160 C.

Sources: Source Unknown

TMDL Watershed Name: **Messongo Creek**

TMDL Group ID: **01233**

VAT-C10E_MES01A06	**Messongo Creek - Upper**	ACCOMACK CO	Located southeast of Saxis. From end of tidal waters downstream to 0.4 mi downstream of Rt 690 crossing. Portion of CBP segment POCMH. Upstream portion of DSS shellfish direct harvesting condemnation # 076-167 A.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01233	**1998**	**2010**	DSS shellfish direct harvesting condemnation # 076-167 A.

Sources: Source Unknown

VAT-C10E_MES02A06	**Messongo Creek - Middle**	ACCOMACK CO	Located southeast of Saxis. From 0.4 mi downstream of Rt 690 crossing, downstream to end of DSS condemnation near Town of Belinda. Portion of CBP segment POCMH. Downstream portion of DSS shellfish direct harvesting condemnation # 076-167 A.

VA Overall AU Category: **5A**

Use	Impairment	0.27 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01233	**1998**	**2010**	DSS shellfish direct harvesting condemnation # 076-167 A.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Messongo Creek Mesohaline Embayments**

TMDL Group ID: **01780**

VAT-C10E_MES01A06	Messongo Creek - Upper	ACCOMACK CO	Located southeast of Saxis. From end of tidal waters downstream to 0.4 mi downstream of Rt 690 crossing. Portion of CBP segment POCMH. Upstream portion of DSS shellfish direct harvesting condemnation # 076-167 A.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01780	**2006**	**2010**	The Aquatic Life Use is impaired based on retention of the 1998 listing for exceedance of the dissolved oxygen instantaneous minimum criteria effective this date. The previous DO impairment (VAT-C10E-05) from site specific monitoring is carried from previous data collected during the 1998 cycle of the 303d report. The impairment is part of the July 1999 EPA Consent Decree (Attachment C & Attachment A, Category 1, Part 2).

Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed
Source Unknown

TMDL Watershed Name: **Messongo Creek, Upper**

TMDL Group ID: **00421**

VAT-C10E_MES01A06	Messongo Creek - Upper	ACCOMACK CO	Located southeast of Saxis. From end of tidal waters downstream to 0.4 mi downstream of Rt 690 crossing. Portion of CBP segment POCMH. Upstream portion of DSS shellfish direct harvesting condemnation # 076-167 A.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Fecal Coliform**		00421	**1998**	**2010**	The Recreation Use is impaired based on exceedance of the Fecal Coliform bacteria criteria, which is carried from previous data collected during the 1998 cycle of the 303d report. The impairment is part of the July 1999 EPA Consent Decree (Attachment C & Attachment A, Category 1, Part 2).

Sources: Source Unknown

TMDL Watershed Name: **Miles Creek**

TMDL Group ID: **01008**

VAP-C04E_MIS01A04	Miles Creek	MATHEWS CO	Described in VDH Condemnation Notice 041-212A, 9/15/2004. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01008	**2004**	**2016**	VAP-C04E-29 VDH Condemnation Notice 041-212A, 9/15/2004

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Milford Haven**

TMDL Group ID: **01009**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAP-C04E_MLF01A98	**Milford Haven**	MATHEWS CO	Described in the condemnation notice 037-099D, 4/28/2004. PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01009	**1998**	**2010**	VAP-C04E-02 VDH-DSS SFC Number 037-099D, 4/28/2004

Sources: Source Unknown

TMDL Group ID: **10114**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAP-C04E_MLF01A98	**Milford Haven**	MATHEWS CO	Described in the condemnation notice 037-099D, 4/28/2004. PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		10114	**2006**	**2018**	VAP-C04E-17 (Enterococci) Milford Haven from The Narrows to the mouth was assessed as not supporting the Recreation Use during the 2006 cycle due to an enterococci violation rate of 2/9 at 7-MLF002.45. Further monitoring is recommended to confirm the impairment due to the small data set and an acceptable fecal coliform violation rate (0/23.)

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAP-C04E_MLF02A98	**Milford Haven**	MATHEWS CO	Described in the condemnation notice 037-099E, 4/28/2004. Size adjusted in 2006, although area did not change PIAMMH

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		10114	**2006**	**2018**	VAP-C04E-17 Milford Haven from The Narrows to the mouth was assessed as not supporting the Recreation Use during the 2006 cycle due to an enterococci violation rate of 2/9 at 7-MLF002.45. Further monitoring is recommended to confirm the impairment due to the small data set and an acceptable fecal coliform violation rate (0/23.)

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Milford Haven**

TMDL Group ID: **10114**

VAP-C04E_MLF03A00	Milford Haven	MATHEWS CO	Downstream of SFC037-099E, 4/28/2004 except as otherwise segmented. PIAMH

VA Overall AU Category: **5A**

Use	Impairment	1.43 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		10114	**2006**	**2018**	VAP-C04E-17 Milford Haven from The Narrows to the mouth was assessed as not supporting the Recreation Use during the 2006 cycle due to an enterococci violation rate of 2/9 at 7-MLF002.45. Further monitoring is recommended to confirm the impairment due to the small data set and an acceptable fecal coliform violation rate (0/23.)

Sources: Source Unknown

TMDL Watershed Name: **Mill Creek**

TMDL Group ID: **00433**

VAT-D06R_MCR01A00	Mill Creek	NORTHAMPTON CO	Located north of Capeville. Segment begins at the start of Mill Creek upstream of Penn central RR crossing and ends downstream of Rt 600 at the beginning of the impoundment upstream of tidal waters.

VA Overall AU Category: **5A**

Use	Impairment	2.04 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		00433	**1998**	**2010**	The Aquatic Life use is impaired due to dissolved oxygen concentrations (8 violates / 17 obs.) below the criteria minimum (4.0 mg/l).

Sources: Source Unknown

TMDL Group ID: **00966**

VAP-C01E_MIL01A98	Mill Creek	NORTHUMBERLAND CO	Described in the condemnation notice 014-123A, 8/3/2004. The area expanded for 2006. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.47 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00966	**1998**	**2010**	00966 (SF) VAP-C01E-12 VDH-DSS Shellfish Condemnation Notice 014-123A, 8/3/2004. The condemnation area expanded in the 2006 cycle.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mill Creek**

TMDL Group ID: **01472**

VAT-D06R_MCR01A00	**Mill Creek**	NORTHAMPTON CO	Located north of Capeville. Segment begins at the start of Mill Creek upstream of Penn central RR crossing and ends downstream of Rt 600 at the beginning of the impoundment upstream of tidal waters.

VA Overall AU Category: **5A**

Use	Impairment	2.04 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Fecal Coliform**		01472	**2004**	**2016**	The Recreatiion Use is impaired due to exceedance (2 violates / 17 obs.) of the criteria for Fecal Coliform bacteria.

Sources: Source Unknown

TMDL Group ID: **01473**

VAT-D06R_MCR01A00	**Mill Creek**	NORTHAMPTON CO	Located north of Capeville. Segment begins at the start of Mill Creek upstream of Penn central RR crossing and ends downstream of Rt 600 at the beginning of the impoundment upstream of tidal waters.

VA Overall AU Category: **5A**

Use	Impairment	2.04 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**pH**		01473	**1998**	**2010**	The Aquatic Life use is impaired due to pH concentrations (6 violates / 17 obs.) below the criteria minimum (6.0 SU).

Sources: Source Unknown

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C01E_ANT01A98	**Antipoison Creek**	LANCASTER CO	Described in the condemnation notice 017-188A, 7/13/2004. Size extended in 2006 cycle, and now incorporates old segment ANT02A00, which was deleted CB5MH

VA Overall AU Category: **5A**

Use	Impairment	0.44 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C01E_BAL01A02 **Ball Creek** NORTHUMBERLAND CO

Described in the condemnation notice 014-124B, 5/15/2001.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.08	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_BAL02A02 **Ball Creek** NORTHUMBERLAND CO

From VDH-DSS SFC 014-124B, 5/15/2001, downstream to its mouth.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.17	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_BAR01A98 **Barrett Creek** NORTHUMBERLAND CO

Described in the condemnation notice, 013-089D, 4/16/2004. Area expanded during 2006 cycle.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.10	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C01E_BLS01A02 **Balls Creek** NORTHUMBERLAND CO

Described in the condemnation notice 013-089B, 4/16/2004.

Size expanded in 2006 cycle. Segment BLS02A04 was incorporated into this segment, then was deleted.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.18 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_BMC01A04 **Betts Mill Creek** NORTHUMBERLAND CO

Described in the VDH Shellfish Condemnation 013-089I, 4/16/2004.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_CLE01A98 **Cloverdale Creek** NORTHUMBERLAND CO

Described in the condemnation notice 014-124A, 5/15/2001.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C01E_CLE02A06 **Cloverdale Creek** NORTHUMBERLAND CO

Downstream of condemnation notice 014-124A, 5/15/2001.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_COC01A98 **Cockrell Creek** NORTHUMBERLAND CO

As described in VDH-DSS Shellfish Condemnation No. 012-002B, 11/15/2004.

Merged segment COC02A98 into this segment in 2006, then deleted it. Area adjusted.

CB5MH.

Size adjusted 2006.

VA Overall AU Category: **5A**

Use	Impairment	0.61 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass. Fish tissue analysis at DEQ station 7-COC000.40 indicated there were observed effects for PCBs in croaker. In addition, there were observed effects for arsenic the fish tissue of croaker and blue crab, however this was not an impairing cause.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C01E_COC03A98 **Cockrell Creek** NORTHUMBERLAND CO

Described in the condemnation notice. VDH-DSS SFC No. 012-002C, 11/15/2004.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.04 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_COC04A98 **Cockrell Creek** NORTHUMBERLAND CO

From the downstream boundary of VDH-DSS Condemnation Notice 012-002A & C, 11/15/2004, to the mouth.

Area decreased in 2006 cycle.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.43 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass. Fish tissue analysis at DEQ station 7-COC000.40 indicated there were observed effects for PCBs in croaker. In addition, there were observed effects for arsenic the fish tissue of croaker and blue crab. This was not an impairing cause.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C01E_COC05A06 **Cockrell Creek** NORTHUMBERLAND CO

From VDH-DSS SFC No. 012-002A, 11/15/2004, downstream to mouth at Fleet Point.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.19 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_CRN01A06 **Cranes Creek** NORTHUMBERLAND CO

Described in VDH-DSS (Seasonal) Shellfish Condemnation 013-089-M3, 4/16/2004.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_CRN01B06 **Cranes Creek** NORTHUMBERLAND CO

Described in VDH-DSS Shellfish Condemnation 013-089-M4, 4/16/2004.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C01E_DIV01A98 **Dividing Creek** NORTHUMBERLAND CO

Described in the VDH-DSS SF condemnation notice 015-022A, 4/25/2003.

CB5MH.

This segment decreased in size for 2006; Lawrence Cove was separated into segment LRC01A06.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.23	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_DIV03A00 **Dividing Creek** NORTHUMBERLAND CO

From the downstream limit of VDH-DSS SFC 015-22A, 4/25/2003, to the mouth at Chesapeake Bay.

CB5MH.

Size adjusted in 2006 cycle due a reduction in size of the upstream condemnation.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.98	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C01E_DVN01A04 **Davenport Creek** LANCASTER CO

Described in VDH Shellfish Condemnation 017-188B, 7/13/2004

CB5MH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.02	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_DYM01A98 **Dymer Creek** LANCASTER CO

Described in the condemnation notice 016-24A, 1/6/2004. Area expanded in 2006 cycle.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.23	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_DYM02A00 **Dymer Creek** LANCASTER CO

Dymer Creek downstream of VDH-DSS SFC 016-24A 1/6/2004, unless otherwise segmented.

CB5MH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.75	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C01E_DYM03A06 **Dymer Creek** LANCASTER CO

Mouth of Dymer Creek at Grog Island

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.08	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_FLB01A00 **Fleets Bay** LANCASTER CO NORTHUMBERLAND CO

Fleets Bay north of Bluff Point at Barnes Creek south to Fleets Island.

CB5MH.

Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	5.21	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_GEO01A98 **Georges Cove** LANCASTER CO

Described in the condemnation notice 016-24C, 1/6/2004. The area expanded in the 2006 cycle.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.03	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs), VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C01E_GOU01A06 **Gougher Creek** NORTHUMBERLAND CO

Described in VDH-DSS Shellfish Condemnation 013-089E, 4/16/2006. Area expanded in 2006 cycle.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.03	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_GWR01A98 **Great Wicomico River** NORTHUMBERLAND CO

Described in the condemnation notice 013-089A, 4/16/2004.

CB5MH

Size increased in 2004 cycle.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.55	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C01E_GWR02A00 **Great Wicomico River** NORTHUMBERLAND CO

From VDH-DSS SFC No. 013-089A, 4/16/2004, downstream to Rogue Point.

CB5MH.

Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	2.05	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass. This segment of the Great Wicomico River was also considered impaired for the Fish Consumption Use due to elevated levels of PCBs found in the fish tissue of Gizzard Shad and Croaker at DEQ station 7-GWR007.97.

Sources: Source Unknown

VAP-C01E_GWR02B06 **Great Wicomico River** NORTHUMBERLAND CO

As described in VDH-DSS Shellfish Condemnation No. 013-089M1, 4/16/2004.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.02	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 Assessment information from VAP-C01E_GWR02A00 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C01E_GWR02C06 | **Great Wicomico River at Coles Creek** | NORTHUMBERLAND CO

As described in VDH-DSS Shellfish Condemnation No. 013-089M2, 4/16/2004.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.01	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass. This segment of the Great Wicomico River was also considered impaired for the Fish Consumption Use due to elevated levels of PCBs found in the fish tissue of Gizzard Shad and Croaker at DEQ station 7-GWR007.97.

Sources: Source Unknown

VAP-C01E_GWR03A06 | **Great Wicomico River** | NORTHUMBERLAND CO

From Rogue Point (GWR02A00) downstream to Ingram Bay at Dameron Marsh.

CB5MH.

Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	5.84	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C01E_HEN01A00 **Henrys Creek** NORTHUMBERLAND CO From its tidal limit to its mouth at Indian Creek.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.21	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs), VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_HHB01A98 **Horn Harbor** NORTHUMBERLAND CO Described in the condemnation notice 013-089H, 4/16/2004. Area expanded for the 2006 cycle.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.07	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_HNT01A98 **Hunts Cove** LANCASTER CO Described in the condemnation notice 24C, 2/27/1998.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.01	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C01E_IND01A98 **Indian Creek, Pitmans Cove** LANCASTER CO NORTHUMBERLAND CO

Described in the condemnation notice 016-57A, 11/30/2000.

CB5MH.

Pitmans Cove VAP-C01E_PIT01A98 and VAP-C01E_IND01A98 were incorporated into this segment, and were deleted in 2006.

VA Overall AU Category: **5A**

Use	Impairment	0.42 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass. This segment was also assessed with observed effects for arsenic in fish tissue at station 7-IND001.80. This was not an impairing cause.

Sources: Source Unknown

VAP-C01E_IND02A98 **Indian Creek** LANCASTER CO NORTHUMBERLAND CO

Described in the condemnation notice 016-57B, 11/30/2000.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 Assessment information IND01A98 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass. There was an observed effect for arsenic found in the fish tissue at downstream station 7-IND001.80. This was not an impairing cause.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C01E_IND03A00 **Indian Creek** LANCASTER CO NORTHUMBERLAND CO

From end of condemnation 016-057A 11/30/2000, downstream to mouth.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.66	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_IND03B06 **Indian Creek** NORTHUMBERLAND CO

As described in VDH-DSS Seasonal Shellfish Condemnation No. 016-M174, 4/13/1989.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.02	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_JAR01A02 **Jarvis Creek** NORTHUMBERLAND CO

As described in the condemnation notice 015-022F, 4/25/2003.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.07	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C01E_JOH01A06 **Johnson Creek** LANCASTER CO

Area as described in VDH-DSS SFC 016-24D 1/6/2004.

CB5MH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.01	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_LEE01A02 **Lees Cove** LANCASTER CO

As described in the condemnation notice 016-24B, 1/6/2004.

CB5MH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.02	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_LRC01A06 **Lawrence Cove** NORTHUMBERLAND CO

As described in VDH-DSS SF Condemnation 015-022B, 4/25/2003

CB5MH.

Size adjusted in 2006 cycle due a reduction in size of the upstream condemnation.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.09	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C01E_LTB01A02 **Little Bay** LANCASTER CO

Little Bay

CB5MH.

Size adjusted 2006.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	1.09	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_LTM01A98 **Little Taskmasters Creek** NORTHUMBERLAND CO

Described in the condemnation notice 11-190A, 4/2/1999.

DELIST: VDH-DSS SFC No. 11-190, 2/18/2004.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.04	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C01E_MIL01A98 **Mill Creek** NORTHUMBERLAND CO

Described in the condemnation notice 014-123A, 8/3/2004.

The area expanded for 2006.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.47	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_MIL01B06 **Mill Creek** NORTHUMBERLAND CO

Downstream of Clay Point.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	1.17	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17, The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_OWN01A98 **Owens Pond** NORTHUMBERLAND CO

Described in the condemnation notice 122, 1/3/1992.

CB5MH.

Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.17	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C01E_PNT01A02 **Prentice Creek** NORTHUMBERLAND CO

Described in the condemnation notice 015-022D, 4/25/2003.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_PNT02A02 **Prentice Creek** NORTHUMBERLAND CO

From VDH-DSS SFC 015-022D & 015-022E, 4/25/2003, downstream to its mouth.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.17 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_PNT03A02 **Prentice Creek** NORTHUMBERLAND CO

Described in the condemnation notice 015-022E, 4/25/2003.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C01E_TBS01A98 **Tabbs Creek** LANCASTER CO

Described in the condemnation notice 016-133, 12/6/2002.

Size reduced in 2004 cycle.

CB5MH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.07	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_TBS02A00 **Tabbs Creek** LANCASTER CO

Tabbs Creek downstream of VDH-DSS SFC 133, 12/6/2002.

CB5MH.

Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.33	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_TIP01A98 **Tipers Creek** NORTHUMBERLAND CO

Described in the condemnation notice 013-089C, 4/16/2004.

Area expanded in 2006 cycle,

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.14	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C01E_TOW01A06 **Towles Creek** NORTHUMBERLAND CO

Described in VDH-DSS Seasonal Shellfish Condemnation 014-123M1, 8/3/2004.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.02	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_WHY01A98 **Whays Creek** NORTHUMBERLAND CO

Described in the condemnation notice 013-089F, 4/16/2004. Area expanded for the 2006 cycle.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.14	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_WRH01A98 **Warehouse Creek** NORTHUMBERLAND CO

Described in the condemnation notice 013-089G, 4/16/2004. Area expanded for the 2006 cycle.

CB5MH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.08	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C01E_XDL01A02	Chesapeake Bay, UT	NORTHUMBERLAND CO	As described in condemnation notice 011-190, 2/18/2004. CB5MH. Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_XUC01A98	Unnamed Cove of Dividing Creek	NORTHUMBERLAND CO	Described in the condemnation notice 015-022C, 4/25/2003. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C01E_ZZZ01A00	Unsegmented estuaries in C01	LANCASTER CO NORTHUMBERLAND CO	Unsegmented portion of the watershed. HUC 02080102. Size adjusted in 2006.

VA Overall AU Category: **5A**

Use	Impairment	2.97 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C02E_DRN01A02 | **Dragon Swamp** | GLOUCESTER CO MIDDLESEX CO | The tidal portion of Dragon Swamp.

PIAMH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	1.11	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C03E_COB01A02 | **Cobbs Creek** | MATHEWS CO | As described in the condemnation notice 170, 3/2/1993.

PIAMH.

VA Overall AU Category: **5D**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.05	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C03E_COB02A02 | **Cobbs Creek** | MATHEWS CO | As described in VDH-DSS SFC No. 034-170, 10/13/2003, not otherwise segmented.

PIAMH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.05	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C03E_FER01A98 **Ferry Creek** GLOUCESTER CO

Described in the condemnation notice 035-171, 6/9/1998.

PIAMH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.09	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C03E_FRE01A02 **Frenchs Creek** GLOUCESTER CO

As described in the condemnation notice 035-076B, 9/3/2004.

PIAMH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.01	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C03E_HEA01A02 **Healy Creek** MIDDLESEX CO

Described in the VDH-DSS Shellfish Condemnation Notice 129, 3/3/1997.

PIAMH.

VA Overall AU Category: **5D**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.05	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C03E_HEA02A06 **Healy Creek** MIDDLESEX CO

Described in the VDH-DSS Shellfish Condemnation Notice 129, 2/26/1999.

PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C03E_HRP01A98 **Harper Creek** GLOUCESTER CO

Described in the condemnation notice 035-076A, 9/3/2006. Harper Creek is a portion of the Piankatank River condemnation.

PIAMH.

Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C03E_JCK01A98 **Jackson Creek** MIDDLESEX CO

Described in the condemnation notice 033-084A, 12/30/2004.

Size increased in 2006 cycle. Segments JCK01B98 and JCK01C98 were incorporated into this segment, then deleted.

PIAMH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.30	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C03E_MRE01A02 **Moore Creek** MIDDLESEX CO

As described in the condemnation notice 034-208A, 12/30/2004.

Area expanded in 2006 cycle. Segment MRE02A02 was incorporated into this segment, then deleted.

PIAMH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.07	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C03E_PNK01A02 **Piankatank River** GLOUCESTER CO MIDDLESEX CO

Watershed limit to Deep Point Boat Landing. Part of VDH-DSS SFC No. 035-076A, 9/3/2004.

PIAMH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	2.22	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C03E_PNK02A00 **Piankatank River** GLOUCESTER CO MIDDLESEX CO

Mainstem Piankatank from downstream limit of VDH-DSS SFC 035-076 down to PNK03A00.

PIAMH.

Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	4.58	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C03E_PNK03A00	**Piankatank River**	MATHEWS CO MIDDLESEX CO	One-half mile radius around monitoring station 7-PNK005.36 on the Piankatank River between Pond Point and Iron Point. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	1.28	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C03E_PNK04A00	**Piankatank River**	MATHEWS CO MIDDLESEX CO	Mainstem Piankatank River from PNK03A00 downstream to the point at Fishing Bay. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	3.49	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C03E_PNK04B06	**Piankatank River, Porpoise Cove**	MIDDLESEX CO	As described in VDH-DSS SFC No. 034-208 M1 (seasonal), 12/30/2004. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.06	SQUARE MILES	15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C03E_PNK04C06	**Piankatank River, Fishing Bay**	MIDDLESEX CO	As described in VDH-DSS SFC No. 034-208 M2 (seasonal), 12/30/2004. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C03E_PNK05A02	**Piankatank River**	MATHEWS CO MIDDLESEX CO	Piankatank River downstream of Fishing Bay at Stove Point to mouth at Chesapeake Bay PIAMH. Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment	4.97 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C03E_PNK06A04	**Piankatank River**	GLOUCESTER CO MIDDLESEX CO	Deep Point Boat Landing downstream to limit of shellfish condemnation VDH-DSS Notice 035-076A, 9/3/2004. PIAMH. SFC area expanded in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment	0.26 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C03E_WLT01A98	**Wilton Creek**	MIDDLESEX CO	Described in the condemnation notice 126, 3/2/1993. PIAMH.

VA Overall AU Category: **5D**

Use	Impairment	0.13 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C03E_ZZZ01A00 **Unsegmented estuaries in C03** GLOUCESTER CO

Unsegmented portion of the watershed.

Size adjusted in 2006 cycle.

PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	15000 (PCBs) VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_BKA01A98 **Back Creek** GLOUCESTER CO

Described in the condemnation notice 042-157C, 9/15/2004.

Size adjusted in 2006, although area did not change

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17 The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass. Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C04E_BLP01A98 **Billups Creek** MATHEWS CO

Described in the condemnation notice 037-061C, 7/15/2004.

Size adjusted in 2006 although area did not change from 2004 cycle.

PIAMH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.08	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_BLW01A98 **Blackwater Creek** MATHEWS CO

Described in the condemnation notice 042-131A, 9/17/2004.

Size adjusted in 2006 cycle, although area did not change.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.51	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C04E_BRN01A04 **Barn Creek** MATHEWS CO

Described in the previous condemnation notice 197A, 2/1/2001

Size adjusted in 2006 cycle, although area did not change

PIAMH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.05	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_DAV01A98 **Davis Creek** GLOUCESTER CO

Described in the condemnation notice 042-131B, 9/17/2004.

Size extended in 2004 cycle.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.07	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

VAP-C04E_DOC01A98 **Doctors Creek** MATHEWS CO

Described in the condemnation notice 039-026B, 3/18/2004.

CB6PH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.01	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C04E_DOC02A02 **Doctors Creek** MATHEWS CO

Doctors Creek downstream of VDH-DSS SFC 026B.

CB6PH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.06	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_DVS01A98 **Davis Creek** MATHEWS CO

Described in the condemnation notice 040-085B, 12/27/2004

Size increased in 2006 cycle.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.08	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17 (PCBs)

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

VAP-C04E_DYE02A04 **Dyer Creek** MATHEWS CO

Tidal limit to mouth

2006: Segment merged with DYE01A98

CB6PH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.28	SQUARE MILES	15000	**2006**	**2018**	VAP-C04E-21

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C04E_EDW01A98 **Edwards Creek** MATHEWS CO

Described in the condemnation notice 197A, 2/19/2003.

PIAMH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.03	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_EDW02A98 **Edwards Creek** MATHEWS CO

Described in the condemnation notice 197B, 2/19/2003.

PIAMH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.05	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_ELM01A98 **Elmington Creek** GLOUCESTER CO

Described in the condemnation notice 042-157B, 9/17/2004.

Size increased in 2006 cycle.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.07	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C04E_EST01A98 **East River** MATHEWS CO

Described in the condemnation notice 092, 7/7/2003.

Size decreased in 2006 cycle.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.14	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

VAP-C04E_EST02A00 **East River** MATHEWS CO

East River and tribs from SFC 92 to mouth, not otherwise segmented.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	2.89	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17 (PCBs)

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C04E_EST03A06 **East River, UT** MATHEWS CO Described in VDH-DSS SFC 041-212M2, 9/15/2004

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17 (PCBs)

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

VAP-C04E_EST04A02 **East River, UT** MATHEWS CO As described in condemnation notice 041-212B, 9/15/2004.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17 (PCBs)

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C04E_EST05A06 **East River, UT** MATHEWS CO

Described in VDH-DSS SFC 041-212M1, 9/15/2004

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17 (PCBs)

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

VAP-C04E_GDN01A06 **Garden Creek** MATHEWS CO

Tidal limit to mouth

CB6PH

VA Overall AU Category: **5A**

Use	Impairment	0.58 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17 (PCBs)

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_HAH01A98 **Horn Harbor** MATHEWS CO

Described in the condemnation notice 039-026A, 3/18/2004.

Segment shortened in 2006

CB6PH

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17 (PCBs)

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C04E_HAH02A02 **Horn Harbor** MATHEWS CO

From SFC 26A downstream to the mouth, unless otherwise segmented.

CB5PH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	1.56	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17 (PCBs) The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_HAH03A06 **Horn Harbor** MATHEWS CO

Described in VDH-DSS SFC 039-026M1, 3/18/2004

CB5PH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.07	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17 (PCBs) The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_HAH04A06 **Horn Harbor** MATHEWS CO

Described in VDH Shellfish Condemnation 039-M97, 4/13/1989

CB5PH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.02	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17 (PCBs) The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C04E_LAN01A02 **Lanes Creek** MATHEWS CO

As described in previous condemnation notice 037-099C, 2/1/2001.

PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17 (PCBs)

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_MID01A02 **Winder Creek** MATHEWS CO

As described in the condemnation notice 037-099C, 4/28/2004.

PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17 (PCBs)

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_MIS01A04 **Miles Creek** MATHEWS CO

Described in VDH Condemnation Notice 041-212A, 9/15/2004.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C04E_MLF01A98 **Milford Haven** MATHEWS CO

Described in the condemnation notice 037-099D, 4/28/2004.

PIAMH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.03	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_MLF02A98 **Milford Haven** MATHEWS CO

Described in the condemnation notice 037-099E, 4/28/2004.

Size adjusted in 2006, although area did not change

PIAMMH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.03	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_MLF03A00 **Milford Haven** MATHEWS CO

Downstream of SFC037-099E, 4/28/2004 except as otherwise segmented.

PIAMH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	1.43	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C04E_MLF04A06 **Milford Haven** MATHEWS CO Hills Bay

PIAMH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	2.28	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_MLF05A06 **Milford Haven** MATHEWS CO Described in VDH-DSS condemnation 037-099M1, 4/28/2004

PIAMH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.03	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_MRC01A98 **Morris Creek** MATHEWS CO Tidal limit to approximately rivermile 0.15.

PIAMH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.08	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C04E_MRC02A06 **Morris Creek** MATHEWS CO

Rivermile 0.15 downstream to end of condemnation 037-061B, 7/15/2004

PIAMH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.02	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_NOR01A02 **North River** GLOUCESTER CO MATHEWS CO

Described in the condemnation notice 042-157A, 9/17/2004

Size increased in 2006 cycle

MOBPH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.69	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

VAP-C04E_NOR02A02 **North River** GLOUCESTER CO MATHEWS CO

North River and tribs from SFC 157A to Mobjack Bay, except as otherwise segmented.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	4.87	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C04E_PEP01A06 **Pepper Creek** MATHEWS CO

As described in the condemnation notice 040-085A, 12/27/2004.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17 (PCBs)

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

VAP-C04E_PUT01A98 **Put In Creek** MATHEWS CO

Described in the condemnation notice 041-005A, 9/15/2004.

Size adjusted in 2006 cycle, although area did not change.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.13 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C04E_PUT02A98 **Put In Creek** MATHEWS CO

Described in the condemnation notice 041-005B, 9/15/2004.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

VAP-C04E_QUE01A98 **Queens Creek** MATHEWS CO

Described in the condemnation notice 037-099A, 4/28/2004.

Size reduced in 2006 cycle.

PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.23 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C04E-17

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_QUE01B06 **Queens Creek** MATHEWS CO

Described in the condemnation notice 037-099B, 4/28/2004.

Segment split from VAP-C04E_QUE01A98 in 2006

PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C04E-17

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C04E_QUE02A06 **Queens Creek** MATHEWS CO

Described in the condemnation notice 037-099M2, 4/28/2004.

Segment split from VAP-C04E_QUE01A98 in 2006

PIAMH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.01	SQUARE MILES	15000	**2006**	**2018**	VAP-C04E-17

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_QUE03A06 **Queens Creek** MATHEWS CO

Downstream of condemnation areas 099A, B, and M2, 4/28/2004.

Segment split from VAP-C04E_QUE01A98 in 2006

PIAMH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.01	SQUARE MILES	15000	**2006**	**2018**	VAP-C04E-17

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_STT01A98 **Stutts Creek** MATHEWS CO

Described in the condemnation notice 037-061A, 7/15/2004.

Segment shortened in 2006 cycle.

PIAMH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.09	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C04E_STT01B06 **Stutts Creek (Hole in the Wall)** MATHEWS CO Described in VDH-DSS condemnation 037-061M1, 7/15/2004

PIAMH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.02	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_STT02A00 **Stutts Creek** MATHEWS CO Tidal limits to Fanneys Point, except as otherwise segmented.

PIAMH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.23	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_STT03A06 **Stutts Creek** MATHEWS CO Described in VDH-DSS SFC 037-061M2, 7/15/2004

PIAMH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.01	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C04E_STT04A06 **Stutts Creek** MATHEWS CO Described in VDH-DSS SFC 037-061M3, 7/15/2004

PIAMH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.03	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_WHA01A06 **Wharf Creek** MATHEWS CO Described in VDH-DSS SFC 036-M87, 4/13/1989

PIAMH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.01	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_WIN01A06 **Winter Harbor** MATHEWS CO Described in the condemnation notice 038-178A, 4/29/2004.

CB6PH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.11	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C04E_WIN01B00 | **Winter Harbor** | MATHEWS CO | Waters within a 1/2 mile radius of monitoring station 7-WIN000.88, not otherwise segmented.

CB6PH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.35	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17 (PCBs)

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_WIN02B06 | **Winter Harbor** | MATHEWS CO | Described in VDH-DSS SFC 038-178M1, 4/29/2004

CB6PH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.03	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17 (PCBs)

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_WIN03A06 | **Winter Harbor** | MATHEWS CO | Northern portion of Winter Harbor

CB6PH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	1.22	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17 (PCBs)

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C04E_ZZZ01A00 **Unsegmented estuaries in C04** MATHEWS CO Unsegmented portion of the watershed within PIAMH

VA Overall AU Category: **5A**

Use	Impairment	2.65 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17 The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_ZZZ02A06 **Unsegmented estuaries in C04** MATHEWS CO Unsegmented portion within CB6PH

VA Overall AU Category: **5A**

Use	Impairment	0.34 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17 (PCBs) The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

Sources: Source Unknown

VAP-C04E_ZZZ03A06 **Unsegmented estuaries in C04** MATHEWS CO Unsegmented portion within MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.37 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17 The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass. Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C05E_WAR01A02 **Ware River** GLOUCESTER CO

Described in the condemnation notice 043-096A, 7/6/2004.

Size increased in 2006 cycle.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.81	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

VAP-C05E_WAR02A02 **Ware River** GLOUCESTER CO

Ware River downstream of SFC 096.

Size adjusted during 2006 cycle

MOBPH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	6.10	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17 (PCBs)

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C05E_WIL01A98 **Wilson Creek** GLOUCESTER CO

Described in the condemnation notice 043-096B, 7/6/2004.

Segment expanded in 2006 cycle

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.34 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

VAP-C05E_ZZZ01A00 **Unsegmented estuaries in C05** GLOUCESTER CO

Unsegmented portion of the watershed.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.19 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C06E_FSC01A98 **Free School Creek** GLOUCESTER CO Tidal limit to mouth

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17 (PCBs)

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

VAP-C06E_HEY01A98 **Heywood Creek** GLOUCESTER CO Described in the condemnation notice 044-054A, 4/16/2004.

Size adjusted during 2006 cycle, although area did not change.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C06E_MNC01A98 **Monday Creek** GLOUCESTER CO

Described in the condemnation notice 125, 12/3/2002.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.04	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17 (PCBs)

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

VAP-C06E_ROW01A06 **Rowes Creek** GLOUCESTER CO

Described in VDH-DSS Shellfish Condemnation 044-054M2, 4/16/2004

MOBPH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**	0.07	SQUARE MILES	15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C06E_SEN01A02 **Northwest Branch Severn River** GLOUCESTER CO

Described in the condemnation notice 044-093A, 4/16/2004.

Size reduced in 2006 cycle.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.33 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

VAP-C06E_SEN02A06 **Northwest Branch Severn River** GLOUCESTER CO

Mainstem and tribs not otherwise segmented

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.46 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C06E_SES01A00 **Southwest Branch Severn River** GLOUCESTER CO

Main stem, excluding small embayments at banks, and as otherwise segmented.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.64 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

VAP-C06E_SEV02A00 **Severn River** GLOUCESTER CO

End of NW branch to mouth, unless otherwise segmented.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	3.53 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C06E_THC01A98 **Thorntons Creek** GLOUCESTER CO

Described in the condemnation notice 044-054B, 4/16/2004.

Size increased in 2006 cycle.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

VAP-C06E_VGH01A98 **Vaughans Creek** GLOUCESTER CO

Described in the condemnation notice 044-093B, 4/16/2004.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.12 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay and Tributaries**

TMDL Group ID: **15000**

VAP-C06E_WET01A06 **Willetts Creek** GLOUCESTER CO

Described in VDH Shellfish Condemnation 044-054M1, 4/16/2004

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

VAP-C06E_ZZZ01A00 **Unsegmented estuaries in C06** GLOUCESTER CO

Unsegmented portion of the watershed.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	1.14 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	**PCB in Fish Tissue**		15000	**2006**	**2018**	VAP-C01E-17

The Chesapeake Bay and its small coastal tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than two meals/month are recommended of anadromous (coastal) striped bass.

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C04E_BKA01A98	Back Creek	GLOUCESTER CO	Described in the condemnation notice 042-157C, 9/15/2004. Size adjusted in 2006, although area did not change MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C04E_BLW01A98	**Blackwater Creek**	MATHEWS CO	Described in the condemnation notice 042-131A, 9/17/2004. Size adjusted in 2006 cycle, although area did not change. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.51 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C04E_DAV01A98	**Davis Creek**	GLOUCESTER CO	Described in the condemnation notice 042-131B, 9/17/2004. Size extended in 2004 cycle. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C04E_DVS01A98	Davis Creek	MATHEWS CO	Described in the condemnation notice 040-085B, 12/27/2004 Size increased in 2006 cycle. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C04E_ELM01A98	Elmington Creek	GLOUCESTER CO	Described in the condemnation notice 042-157B, 9/17/2004. Size increased in 2006 cycle. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C04E_EST01A98	East River	MATHEWS CO	Described in the condemnation notice 092, 7/7/2003. Size decreased in 2006 cycle. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.14 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C04E_EST02A00	East River	MATHEWS CO	East River and tribs from SFC 92 to mouth, not otherwise segmented. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	2.89 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C04E_EST03A06 **East River, UT** MATHEWS CO Described in VDH-DSS SFC 041-212M2, 9/15/2004

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C04E_EST04A02	East River, UT	MATHEWS CO	As described in condemnation notice 041-212B, 9/15/2004. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C04E_EST05A06 **East River, UT** MATHEWS CO Described in VDH-DSS SFC 041-212M1, 9/15/2004

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C04E_MIS01A04	Miles Creek	MATHEWS CO	Described in VDH Condemnation Notice 041-212A, 9/15/2004. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C04E_NOR01A02	**North River**	GLOUCESTER CO MATHEWS CO	Described in the condemnation notice 042-157A, 9/17/2004 Size increased in 2006 cycle MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.69 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C04E_NOR02A02	North River	GLOUCESTER CO MATHEWS CO	North River and tribs from SFC 157A to Mobjack Bay, except as otherwise segmented. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	4.87 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C04E_PEP01A06	Pepper Creek	MATHEWS CO	As described in the condemnation notice 040-085A, 12/27/2004. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C04E_PUT01A98	Put In Creek	MATHEWS CO	Described in the condemnation notice 041-005A, 9/15/2004. Size adjusted in 2006 cycle, although area did not change. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.13 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2004**	**2010**	VAP-C04E-23 In 2002, the segment was listed as being not supporting of the Aquatic Life use goal based on dissolved oxygen violations at 7-XDK000.10. However, during the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria and the TMDL is due in 2010.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2004**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C04E_PUT02A98 **Put In Creek** MATHEWS CO Described in the condemnation notice 041-005B, 9/15/2004.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C04E_ZZZ03A06	Unsegmented estuaries in C04	MATHEWS CO	Unsegmented portion within MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.37 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C05E_WAR01A02	Ware River	GLOUCESTER CO	Described in the condemnation notice 043-096A, 7/6/2004. Size increased in 2006 cycle. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.81 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C05E_WAR02A02 **Ware River** GLOUCESTER CO

Ware River downstream of SFC 096.

Size adjusted during 2006 cycle

MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	6.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C05E_WIL01A98	Wilson Creek	GLOUCESTER CO	Described in the condemnation notice 043-096B, 7/6/2004. Segment expanded in 2006 cycle MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.34 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C05E_ZZZ01A00	Unsegmented estuaries in C05	GLOUCESTER CO	Unsegmented portion of the watershed. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.19 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C06E_FSC01A98	Free School Creek	GLOUCESTER CO	Tidal limit to mouth MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C06E_HEY01A98	**Heywood Creek**	GLOUCESTER CO	Described in the condemnation notice 044-054A, 4/16/2004. Size adjusted during 2006 cycle, although area did not change. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C06E_MNC01A98	Monday Creek	GLOUCESTER CO	Described in the condemnation notice 125, 12/3/2002. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.04 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C06E_ROW01A06 **Rowes Creek** GLOUCESTER CO Described in VDH-DSS Shellfish Condemnation 044-054M2, 4/16/2004

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C06E_SEN01A02	Northwest Branch Severn River	GLOUCESTER CO	Described in the condemnation notice 044-093A, 4/16/2004. Size reduced in 2006 cycle. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.33 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C06E_SEN02A06	Northwest Branch Severn River	GLOUCESTER CO	Mainstem and tribs not otherwise segmented MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.46 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C06E_SES01A00	Southwest Branch Severn River	GLOUCESTER CO	Main stem, excluding small embayments at banks, and as otherwise segmented. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.64 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C06E_SEV02A00	Severn River	GLOUCESTER CO	End of NW branch to mouth, unless otherwise segmented. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	3.53 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C06E_THC01A98	Thorntons Creek	GLOUCESTER CO	Described in the condemnation notice 044-054B, 4/16/2004. Size increased in 2006 cycle. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C06E_VGH01A98 **Vaughans Creek** GLOUCESTER CO Described in the condemnation notice 044-093B, 4/16/2004.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.12 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C06E_WET01A06 **Willetts Creek** GLOUCESTER CO Described in VDH Shellfish Condemnation 044-054M1, 4/16/2004

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **01770**

VAP-C06E_ZZZ01A00	Unsegmented estuaries in C06	GLOUCESTER CO	Unsegmented portion of the watershed. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	1.14 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		01770	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the 30-day summer dissolved oxygen criteria.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C04E_BKA01A98 **Back Creek** GLOUCESTER CO

Described in the condemnation notice 042-157C, 9/15/2004.

Size adjusted in 2006, although area did not change

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C04E_BLW01A98	**Blackwater Creek**	MATHEWS CO	Described in the condemnation notice 042-131A, 9/17/2004. Size adjusted in 2006 cycle, although area did not change. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.51 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**	10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C04E_DAV01A98	Davis Creek	GLOUCESTER CO	Described in the condemnation notice 042-131B, 9/17/2004. Size extended in 2004 cycle. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C04E_DVS01A98	**Davis Creek**	MATHEWS CO	Described in the condemnation notice 040-085B, 12/27/2004 Size increased in 2006 cycle. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C04E_ELM01A98	**Elmington Creek**	GLOUCESTER CO	Described in the condemnation notice 042-157B, 9/17/2004. Size increased in 2006 cycle. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C04E_EST01A98 **East River** MATHEWS CO

Described in the condemnation notice 092, 7/7/2003.

Size decreased in 2006 cycle.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.14 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C04E_EST02A00	East River	MATHEWS CO	East River and tribs from SFC 92 to mouth, not otherwise segmented. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	2.89 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C04E_EST03A06 **East River, UT** MATHEWS CO Described in VDH-DSS SFC 041-212M2, 9/15/2004

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C04E_EST04A02 **East River, UT** MATHEWS CO As described in condemnation notice 041-212B, 9/15/2004.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C04E_EST05A06	**East River, UT**	MATHEWS CO	Described in VDH-DSS SFC 041-212M1, 9/15/2004 MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C04E_MIS01A04 **Miles Creek** MATHEWS CO Described in VDH Condemnation Notice 041-212A, 9/15/2004.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C04E_NOR01A02	**North River**	GLOUCESTER CO MATHEWS CO	Described in the condemnation notice 042-157A, 9/17/2004 Size increased in 2006 cycle MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.69 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C04E_NOR02A02	**North River**	GLOUCESTER CO MATHEWS CO	North River and tribs from SFC 157A to Mobjack Bay, except as otherwise segmented. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	4.87 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C04E_PEP01A06	**Pepper Creek**	MATHEWS CO	As described in the condemnation notice 040-085A, 12/27/2004. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C04E_PUT01A98	**Put In Creek**	MATHEWS CO	Described in the condemnation notice 041-005A, 9/15/2004. Size adjusted in 2006 cycle, although area did not change. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.13 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C04E_PUT02A98 **Put In Creek** MATHEWS CO Described in the condemnation notice 041-005B, 9/15/2004.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay salinity segment MOBPH failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C04E_ZZZ03A06	Unsegmented estuaries in C04	MATHEWS CO	Unsegmented portion within MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.37 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C05E_WAR01A02 **Ware River** GLOUCESTER CO

Described in the condemnation notice 043-096A, 7/6/2004.

Size increased in 2006 cycle.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.81 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C05E_WAR02A02 **Ware River** GLOUCESTER CO

Ware River downstream of SFC 096.

Size adjusted during 2006 cycle

MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	6.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C05E_WIL01A98 **Wilson Creek** GLOUCESTER CO

Described in the condemnation notice 043-096B, 7/6/2004.

Segment expanded in 2006 cycle

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.34 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C05E_ZZZ01A00	Unsegmented estuaries in C05	GLOUCESTER CO	Unsegmented portion of the watershed. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.19 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C06E_FSC01A98	Free School Creek	GLOUCESTER CO	Tidal limit to mouth MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C06E_HEY01A98	**Heywood Creek**	GLOUCESTER CO	Described in the condemnation notice 044-054A, 4/16/2004. Size adjusted during 2006 cycle, although area did not change. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C06E_MNC01A98	Monday Creek	GLOUCESTER CO	Described in the condemnation notice 125, 12/3/2002. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.04 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C06E_ROW01A06 **Rowes Creek** GLOUCESTER CO Described in VDH-DSS Shellfish Condemnation 044-054M2, 4/16/2004

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C06E_SEN01A02	Northwest Branch Severn River	GLOUCESTER CO	Described in the condemnation notice 044-093A, 4/16/2004. Size reduced in 2006 cycle. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.33 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C06E_SEN02A06	Northwest Branch Severn River	GLOUCESTER CO	Mainstem and tribs not otherwise segmented MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.46 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C06E_SES01A00	Southwest Branch Severn River	GLOUCESTER CO	Main stem, excluding small embayments at banks, and as otherwise segmented. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.64 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C06E_SEV02A00	**Severn River**	GLOUCESTER CO	End of NW branch to mouth, unless otherwise segmented. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	3.53 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C06E_THC01A98	Thorntons Creek	GLOUCESTER CO	Described in the condemnation notice 044-054B, 4/16/2004. Size increased in 2006 cycle. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C06E_VGH01A98 **Vaughans Creek** GLOUCESTER CO Described in the condemnation notice 044-093B, 4/16/2004.

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.12 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C06E_WET01A06 **Willetts Creek** GLOUCESTER CO Described in VDH Shellfish Condemnation 044-054M1, 4/16/2004

MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline**

TMDL Group ID: **10118**

VAP-C06E_ZZZ01A00	Unsegmented estuaries in C06	GLOUCESTER CO	Unsegmented portion of the watershed. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	1.14 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10118	**2006**	**2010**	VAP-C04E-23 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. The Mobjack Bay segment (MOBPH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_BAK01A00	Mainstem Back River	HAMPTON CITY POQUOSON CITY CITY	From junction of Northwest and Southwest Branches downstream to mouth of Back River. Portion of CBP Segment MOBPH. No DSS shellfish condemnations.

VA Overall AU Category: **5A**

Use	Impairment	0.56 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_BCB01A06	Buckroe Beaches	HAMPTON CITY	From northeast of Buckroe Beach southwest to Parallel with start of Mill Cr. Portion of CBP Segment CB8PH. No DSS shellfish condemnations.

VA Overall AU Category: **5A**

Use	Impairment	0.22 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_BCK01A00	Back Creek - Upper	YORK CO	Back Creek (S of York R mouth) is a tributary to The Thorofare and Chesapeake Bay. From end of tidal waters downstream to point upstream of Dandy (RM 1.6). CBP Segment MOBPH. DSS shellfish condemnation # 053-151A.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**	76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_BCK02A06	Back Creek - Middle (DSS-marina area)	YORK CO	Back Creek (S of York R mouth) is a tributary to The Thorofare and Chesapeake Bay. CBP Segment MOBPH. Area within DSS shellfish condemnation # 053-151 M1, around marina area (Effective 2005-11-03).

VA Overall AU Category: **5A**

Use	Impairment	0.19 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_BCK03A06	Back Creek - Lower	YORK CO	Back Creek (S of York R mouth) is a tributary to The Thorofare and Chesapeake Bay. CBP Segment MOBPH. From upstream of Dandy (RM 1.6) downstream to mouth (RM 0.0). DSS shellfish condemnation # 053-151 (OPEN, Effective 2004-04-26).

VA Overall AU Category: **5A**

Use	Impairment	0.49 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_BRK01A06	Brick Kiln Creek	HAMPTON CITY YORK CO	From 0.3 mi. downstream of Big Bethel Res. dam (approx. RM 5.0, end of tidal waters north of Ebenezer Church) downstream to confluence with Northwest Br. Back R. CBP Segment MOBPH. Portion of DSS shellfish condemnation #054-021C.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**	76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_CCR01A06 **Cedar & Topping Creeks** POQUOSON CITY CITY

Located near City of Poquoson. Cedar & Topping Creeks are tribs to the north shore of the Northwest Branch of Back River. Portion of DSS condemnation # 054-021C (less NW Br Back R./Brick Kiln Cr. portion). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_CHS01A06	Chisman Creek-Upper & Goose Cr	POQUOSON CITY CITY	From end of tidal waters (upper 2/3 of creek), downstream to area of Evergreen Shores (approx. RM 0.9). CBP Segment MOBPH. DSS condemnation # 053-137A.

VA Overall AU Category: **5A**

Use	Impairment	0.51 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_CHS02A06	Chisman Creek-Lower North Shore (Marina)	POQUOSON CITY CITY	North shore of creek, area of Cheeseman. Contains DSS seasonal condemnation # 053-137 M2. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_CHS02B06	Chisman Creek - Lower	POQUOSON CITY CITY	Lower 1/3 of creek, downstream from area of Evergreen Shores (RM 0.9) to mouth. CBP Segment MOBPH. DSS (OPEN) condemnation # 053-137.

VA Overall AU Category: **5A**

Use	Impairment	0.64 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_EAS01A06	Easton Cove/Floyds Bay	POQUOSON CITY CITY	Located in southeast corner of Bennett Cr, trib to Poquoson River. Area of York Haven Anchorage. Includes Easton Cove and Floyds Bay. DSS shellfish condemnation # 053-137I (Effective 2004-04-26). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.18 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_FRT01A06 **Front Cove** POQUOSON CITY CITY North shore trib. to mainstem Back R. Adjacent to Messick Point. DSS shellfish condemnation # 054-021A (Effective 2004-06-02, previously in # 193 - effective 1998-06-24). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_GRV01A06	Grandview Pier & Saltponds Beaches	HAMPTON CITY	From Grandview beach southwest to northeast of Buckroe Beach. Portion of CBP Segment CB8PH. No DSS shellfish condemnations.

VA Overall AU Category: **5A**

Use	Impairment	0.34 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_HAR01A06	Harris River - Upper	HAMPTON CITY	South shore trib. to mainstem Back R. Adjacent to Fox Hill area. DSS shellfish condemnation # 054-215A (Effective 2004-06-02, previously in # 054-021G - effective 2002-06-25). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.28 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_HAR02A06	Harris River - Lower	HAMPTON CITY	South shore trib. to mainstem Back R. Adjacent to Fox Hill area. From end of upstream DSS condemn (approx. RM 0.5) downstream to mouth. No DSS shellfish harvesting condemnation. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.13 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_INB01A04	DSS Inlet #2-Unnamed Inlet of Back River	HAMPTON CITY	South shore trib. to mainstem Back R.Located in unnamed inlet west of Dandy Point. On south shore of Back River, southwest of mouth and east of Harris R. DSS condemnation # 054-215B (effective 2004-06-02). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_LMC01A04	Lambs Creek - Poquoson River	POQUOSON CITY CITY YORK CO	South shore tributary to Poquoson R, west of Poquoson Shores. On border of Poquoson/York boundary. Between Moores Cr. and Roberts Cr to east. DSS Shellfish condemnation # 053-137 E (effective 2004-04-26). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.16 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_LON01A06	Long & Grunland Creeks - Back River	HAMPTON CITY	South shore trib. to mainstem Back R. Adjacent to Grandview area. DSS (ADMINISTRATIVE) shellfish harvesting condemnation # 054-215 D (effective 2004-06-02). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment (0.17 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**	76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**	76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_LYO01A06	Lyons Creek - Upper	POQUOSON CITY CITY	South shore tributary to Poquoson R, in area of York Haven Anchorage. East of Roberts Cr. and north of White House Cove. DSS Shellfish condemnation # 053-137 E (effective 2004-04-26). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.04 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_LYO02A06	Lyons Creek - Lower	POQUOSON CITY CITY	South shore tributary to Poquoson R, in area of York Haven Anchorage. East of Roberts Cr. and north of White House Cove. DSS (OPEN) Shellfish condemnation # 053-137 (effective 2004-04-26). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_NEW01A02	**Newmarket Creek - Upper**	HAMPTON CITY	South of Blue Bird Gap Farm area. From end of tidal waters (approx. RM 5.1) downstream to I-64 crossing (RM 3.68). Portion of DSS shellfish condemnation # 054-021 E (effective 2004-06-02). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_NEW02A02	Newmarket Creek - Lower	HAMPTON CITY	South of Blue Bird Gap Farm area. From end of tidal waters (approx. RM 5.1) downstream to I-64 crossing (RM 3.68). Portion of DSS shellfish condemnation # 054-021 E (effective 2004-06-02). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_NWB01A06	**Northwest Br. Back River - Upper**	HAMPTON CITY POQUOSON CITY CITY	Headwaters to confluence of Topping Creek @ RM 1.5, end of DSS shellfish condemnation #054-021C. Condemnation less Cedar/Topping & Brick Kiln Creeks. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.39 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_NWB02A06	**Northwest Br. Back River - Lower**	HAMPTON CITY POQUOSON CITY CITY	From area of confluence of Topping Creek (approx. RM 1.5) downstream to confluence with mainstem Back R. No DSS direct shellfish harvesting condmenation. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	1.11 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_POQ01A06	**Poquoson River - Upper**	YORK CO	From Rt 17 crossing @ reservoir dam (RM 5.7) downstream to point downstream of confluence of Quarter March Creek (RM 2.7) @ Calthrop Neck, DSS shellfish condemnation # 053-137D. Including Moores & Quarter March Creeks. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.40 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_POQ02A06	Poquoson River - Lower	YORK CO	From point downstream of confluence of Quarter March Creek (RM 2.7) @ Calthrop Neck to mouth. No DSS shellfish harvesting condemnation. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	2.45 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_POQ02B04	Unnamed Cove - Poquoson River	YORK CO	North shore trib to Poquoson R. east of Piney Point Estates. DSS shellfish condemnation # 053-137B. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_PTC01A04	Patricks Creek - Poquoson River	YORK CO	North shore trib to Poquoson R. South of Dare area.DSS Shellfish condemnation # 053-137 C. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_ROB01A04	Roberts Creek - Poquoson River	POQUOSON CITY CITY	South shore trib to Poquoson R. South of Dare area. DSS Shellfish condemnation # 053-137 F. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.11 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_SWB01A06	Southwest Branch - Back River	HAMPTON CITY	Headwaters of Southwest Branch downstream to mouth, confluence with Back R. Includes Tides Mill Cr. DSS shellfish condemnation # 054-021E. CBP segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	1.76 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_TBC01A04	Tabbs Creek - Back River	POQUOSON CITY CITY	Tributary to Northwest Branch Back River. Portion of DSS shellfish condemnation # 054-021D. CBP segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_WAL01A06	Wallace Creek - Upper (Back River)	HAMPTON CITY	Tributary to south shore Back River, east of Harris R & adjacent to Inlet #2. Most ustream tip of creek. DSS (ADMINISTRATIVE) shellfish condemnation # 054-215 E. CBP segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_WAL02A06	Wallace Creek - Lower (Back River)	HAMPTON CITY	Tributary to south shore Back River, east of Harris R & adjacent to Inlet #2. DSS shellfish condemnation # 054-215 C. CBP segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_WAT01A06	Watts Creek - (NW Br. Back River)	POQUOSON CITY CITY	Located southwest of Poquoson. Watts Cr. trib to Northwest Br. of Back R. Portion of DSS condemnation # 054-021B. CBP segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_WHH01A06	White House Cove - Upper	POQUOSON CITY CITY	Located in York Haven Anchorage area, south of mouth of Poquoson R, area of DSS Shellfish condemnation # 053-137 H. CBP segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76081**

VAT-C07E_ZZZ01A00	Unsegmented estuaries in C07E	HAMPTON CITY YORK CO	Non segmented areas of C07E. No DSS direct shellfish harvesting condmenation. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	31.81 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76081	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_BAK01A00	Mainstem Back River	HAMPTON CITY POQUOSON CITY CITY	From junction of Northwest and Southwest Branches downstream to mouth of Back River. Portion of CBP Segment MOBPH. No DSS shellfish condemnations.

VA Overall AU Category: **5A**

Use	Impairment (0.56 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				
Open-Water Aquatic Life	**Oxygen, Dissolved**	76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_BCK01A00	Back Creek - Upper	YORK CO	Back Creek (S of York R mouth) is a tributary to The Thorofare and Chesapeake Bay. From end of tidal waters downstream to point upstream of Dandy (RM 1.6). CBP Segment MOBPH. DSS shellfish condemnation # 053-151A.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_BCK02A06	Back Creek - Middle (DSS-marina area)	YORK CO	Back Creek (S of York R mouth) is a tributary to The Thorofare and Chesapeake Bay. CBP Segment MOBPH. Area within DSS shellfish condemnation # 053-151 M1, around marina area (Effective 2005-11-03).

VA Overall AU Category: **5A**

Use	Impairment	0.19 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_BCK03A06	Back Creek - Lower	YORK CO	Back Creek (S of York R mouth) is a tributary to The Thorofare and Chesapeake Bay. CBP Segment MOBPH. From upstream of Dandy (RM 1.6) downstream to mouth (RM 0.0). DSS shellfish condemnation # 053-151 (OPEN, Effective 2004-04-26).

VA Overall AU Category: **5A**

Use	Impairment	0.49 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**	76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_BRK01A06	Brick Kiln Creek	HAMPTON CITY YORK CO	From 0.3 mi. downstream of Big Bethel Res. dam (approx. RM 5.0, end of tidal waters north of Ebenezer Church) downstream to confluence with Northwest Br. Back R. CBP Segment MOBPH. Portion of DSS shellfish condemnation #054-021C.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2004**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO). Previously impaired 2004 IR (VAT-C07E-01) for site specific DO impairment at DEQ station 7-BRK004.14.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76082	**2004**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO). Previously impaired 2004 IR (VAT-C07E-01) for site specific DO impairment at DEQ station 7-BRK004.14.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_CCR01A06	Cedar & Topping Creeks	POQUOSON CITY CITY	Located near City of Poquoson. Cedar & Topping Creeks are tribs to the north shore of the Northwest Branch of Back River. Portion of DSS condemnation # 054-021C (less NW Br Back R./Brick Kiln Cr. portion). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**	76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_CHS01A06	Chisman Creek-Upper & Goose Cr	POQUOSON CITY CITY	From end of tidal waters (upper 2/3 of creek), downstream to area of Evergreen Shores (approx. RM 0.9). CBP Segment MOBPH. DSS condemnation # 053-137A.

VA Overall AU Category: **5A**

Use	Impairment (0.51 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**	76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

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Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_CHS02A06	Chisman Creek-Lower North Shore (Marina)	POQUOSON CITY CITY	North shore of creek, area of Cheeseman. Contains DSS seasonal condemnation # 053-137 M2. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_CHS02B06	Chisman Creek - Lower	POQUOSON CITY CITY	Lower 1/3 of creek, downstream from area of Evergreen Shores (RM 0.9) to mouth. CBP Segment MOBPH. DSS (OPEN) condemnation # 053-137.

VA Overall AU Category: **5A**

Use	Impairment	0.64 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_EAS01A06	Easton Cove/Floyds Bay	POQUOSON CITY CITY	Located in southeast corner of Bennett Cr, trib to Poquoson River. Area of York Haven Anchorage. Includes Easton Cove and Floyds Bay. DSS shellfish condemnation # 053-137I (Effective 2004-04-26). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.18 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_FRT01A06	Front Cove	POQUOSON CITY CITY	North shore trib. to mainstem Back R. Adjacent to Messick Point. DSS shellfish condemnation # 054-021A (Effective 2004-06-02, previously in # 193 - effective 1998-06-24). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_HAR01A06	Harris River - Upper	HAMPTON CITY	South shore trib. to mainstem Back R. Adjacent to Fox Hill area. DSS shellfish condemnation # 054-215A (Effective 2004-06-02, previously in # 054-021G - effective 2002-06-25). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment (0.28 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**	76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_HAR02A06 **Harris River - Lower** HAMPTON CITY

South shore trib. to mainstem Back R. Adjacent to Fox Hill area. From end of upstream DSS condemn (approx. RM 0.5) downstream to mouth. No DSS shellfish harvesting condemnation. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment (0.13 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**	76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_INB01A04	DSS Inlet #2-Unnamed Inlet of Back River	HAMPTON CITY	South shore trib. to mainstem Back R.Located in unnamed inlet west of Dandy Point. On south shore of Back River, southwest of mouth and east of Harris R. DSS condemnation # 054-215B (effective 2004-06-02). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_LMC01A04	Lambs Creek - Poquoson River	POQUOSON CITY CITY YORK CO	South shore tributary to Poquoson R, west of Poquoson Shores. On border of Poquoson/York boundary. Between Moores Cr. and Roberts Cr to east. DSS Shellfish condemnation # 053-137 E (effective 2004-04-26). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.16 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_LON01A06	Long & Grunland Creeks - Back River	HAMPTON CITY	South shore trib. to mainstem Back R. Adjacent to Grandview area. DSS (ADMINISTRATIVE) shellfish harvesting condemnation # 054-215 D (effective 2004-06-02). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment (0.17 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**	76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_LYO01A06	Lyons Creek - Upper	POQUOSON CITY CITY	South shore tributary to Poquoson R, in area of York Haven Anchorage. East of Roberts Cr. and north of White House Cove. DSS Shellfish condemnation # 053-137 E (effective 2004-04-26). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment (0.04 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				
Open-Water Aquatic Life	**Oxygen, Dissolved**	76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_LYO02A06	Lyons Creek - Lower	POQUOSON CITY CITY	South shore tributary to Poquoson R, in area of York Haven Anchorage. East of Roberts Cr. and north of White House Cove. DSS (OPEN) Shellfish condemnation # 053-137 (effective 2004-04-26). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment (0.09 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**	76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_NEW01A02	Newmarket Creek - Upper	HAMPTON CITY	South of Blue Bird Gap Farm area. From end of tidal waters (approx. RM 5.1) downstream to I-64 crossing (RM 3.68). Portion of DSS shellfish condemnation # 054-021 E (effective 2004-06-02). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2004**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76082	**2004**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_NEW02A02	Newmarket Creek - Lower	HAMPTON CITY	South of Blue Bird Gap Farm area. From end of tidal waters (approx. RM 5.1) downstream to I-64 crossing (RM 3.68). Portion of DSS shellfish condemnation # 054-021 E (effective 2004-06-02). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2004**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO). Previously impaired 2004 IR (VAT-C07E-03) for site specific DO impairment at DEQ station 7-NEW001.92.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76082	**2004**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO). Previously impaired 2004 IR (VAT-C07E-03) for site specific DO impairment at DEQ station 7-NEW001.92.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

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Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_NWB01A06	Northwest Br. Back River - Upper	HAMPTON CITY POQUOSON CITY CITY	Headwaters to confluence of Topping Creek @ RM 1.5, end of DSS shellfish condemnation #054-021C. Condemnation less Cedar/Topping & Brick Kiln Creeks. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.39 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_NWB02A06	Northwest Br. Back River - Lower	HAMPTON CITY POQUOSON CITY CITY	From area of confluence of Topping Creek (approx. RM 1.5) downstream to confluence with mainstem Back R. No DSS direct shellfish harvesting condmenation. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	1.11 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_POQ01A06	Poquoson River - Upper	YORK CO	From Rt 17 crossing @ reservoir dam (RM 5.7) downstream to point downstream of confluence of Quarter March Creek (RM 2.7) @ Calthrop Neck, DSS shellfish condemnation # 053-137D. Including Moores & Quarter March Creeks. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.40 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_POQ02A06	Poquoson River - Lower	YORK CO	From point downstream of confluence of Quarter March Creek (RM 2.7) @ Calthrop Neck to mouth. No DSS shellfish harvesting condemnation. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	2.45 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_POQ02B04	Unnamed Cove - Poquoson River	YORK CO	North shore trib to Poquoson R. east of Piney Point Estates. DSS shellfish condemnation # 053-137B. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_PTC01A04	Patricks Creek - Poquoson River	YORK CO	North shore trib to Poquoson R. South of Dare area.DSS Shellfish condemnation # 053-137 C. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_ROB01A04	Roberts Creek - Poquoson River	POQUOSON CITY CITY	South shore trib to Poquoson R. South of Dare area. DSS Shellfish condemnation # 053-137 F. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.11 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_SWB01A06	Southwest Branch - Back River	HAMPTON CITY	Headwaters of Southwest Branch downstream to mouth, confluence with Back R. Includes Tides Mill Cr. DSS shellfish condemnation # 054-021E. CBP segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment (1.76 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**	76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_TBC01A04	Tabbs Creek - Back River	POQUOSON CITY CITY	Tributary to Northwest Branch Back River. Portion of DSS shellfish condemnation # 054-021D. CBP segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_WAL01A06	Wallace Creek - Upper (Back River)	HAMPTON CITY	Tributary to south shore Back River, east of Harris R & adjacent to Inlet #2. Most ustream tip of creek. DSS (ADMINISTRATIVE) shellfish condemnation # 054-215 E. CBP segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment (0.01 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**	76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_WAL02A06	Wallace Creek - Lower (Back River)	HAMPTON CITY	Tributary to south shore Back River, east of Harris R & adjacent to Inlet #2. DSS shellfish condemnation # 054-215 C. CBP segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_WAT01A06	Watts Creek - (NW Br. Back River)	POQUOSON CITY CITY	Located southwest of Poquoson. Watts Cr. trib to Northwest Br. of Back R. Portion of DSS condemnation # 054-021B. CBP segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Non-Point Source)
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_WHH01A06	White House Cove - Upper	POQUOSON CITY CITY	Located in York Haven Anchorage area, south of mouth of Poquoson R, area of DSS Shellfish condemnation # 053-137 H. CBP segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Mobjack Bay Polyhaline Embayments**

TMDL Group ID: **76082**

VAT-C07E_ZZZ01A00	Unsegmented estuaries in C07E	HAMPTON CITY YORK CO	Non segmented areas of C07E. No DSS direct shellfish harvesting condmenation. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	31.81 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76082	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Moore Creek**

TMDL Group ID: **00990**

VAP-C03E_MRE01A02	Moore Creek	MIDDLESEX CO	As described in the condemnation notice 034-208A, 12/30/2004. Area expanded in 2006 cycle. Segment MRE02A02 was incorporated into this segment, then deleted. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00990	**2002**	**2014**	00990 (SF) VAP-C03E-07 VDH-DSS Condemnation 034-208A, 12/30/2004. Area expanded in the 2006 cycle.

Sources: Source Unknown

TMDL Watershed Name: **Morris Creek**

TMDL Group ID: **01011**

VAP-C04E_MRC01A98	Morris Creek	MATHEWS CO	Tidal limit to approximately rivermile 0.15. PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01011	**2002**	**2014**	VAP-C04E-05 VDH-DSS Shellfish Condemnation 061 was expanded in 2004 cycle and incorporated the old condemnations on Stutts (due 2010) and Morris Creeks (due 2014). During the 2006 cycle, the segment was shortened again and the segments were split. The Morris Creek closure is included in 037-061B, 7/15/2004

Sources: Source Unknown

VAP-C04E_MRC02A06	Morris Creek	MATHEWS CO	Rivermile 0.15 downstream to end of condemnation 037-061B, 7/15/2004 PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01011	**2002**	**2014**	VAP-C04E-05 VDH-DSS Shellfish Condemnation 061 was expanded in 2004 cycle and incorporated the old condemnations on Stutts (due 2010) and Morris Creeks (due 2014). During the 2006 cycle, the segment was shortened again and the segments were split. The Morris Creek closure is included in 037-061B, 7/15/2004

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Muddy Creek**

TMDL Group ID: **01235**

VAT-C10E_MUD01A04	Muddy Creek - Upper	ACCOMACK CO	Located Southeast of Bryds Marsh and northeast of Town of Bloxom on Eastern Shore. Portion of CBP segment POCMH. DSS shellfish direct harvesting condemnation # 076-176 A.

VA Overall AU Category: **5A**

Use	Impairment	0.34 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01235	**1998**	**2010**	DSS shellfish direct harvesting condemnation # 076-176 A.
		Sources: Source Unknown				

TMDL Group ID: **01449**

VAT-C10E_MUD01A04	Muddy Creek - Upper	ACCOMACK CO	Located Southeast of Bryds Marsh and northeast of Town of Bloxom on Eastern Shore. Portion of CBP segment POCMH. DSS shellfish direct harvesting condemnation # 076-176 A.

VA Overall AU Category: **5A**

Use	Impairment	0.34 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		01449	**2006**	**2016**	The Recreation Use is impaired based on exceedance of the Fecal Coliform (2 violates / 12 obs.) and the Enterococcus bacteria criterias (2 violates / 3 obs.).
		Sources: Source Unknown				
Recreation	**Fecal Coliform**		01449	**1998**	**2016**	The Recreation Use is impaired based on exceedance of the Fecal Coliform (2 violates / 12 obs.) and the Enterococcus bacteria criterias (2 violates / 3 obs.).
		Sources: Source Unknown				

TMDL Watershed Name: **Nandua Creek**

TMDL Group ID: **00301**

VAT-C13E_NAN01A00	Nandua Creek - Upper	ACCOMACK CO	Southeast of Hacks Neck area. The two most upstream branches of Nandua Creek and mainstem downstream to area of Nandua (approx. RM 4.5). Includes Kusian Cove. Portion of CBP segment CB7PH. DSS condemnation # 082-160 A.

VA Overall AU Category: **5A**

Use	Impairment	0.15 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00301	**1998**	**2010**	DSS condemnation # 082-160 A.
		Sources: Source Unknown				

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Narrow Channel Branch**

TMDL Group ID: **01474**

VAT-D06R_NCB01A04	**Narrow Channel Branch**	NORTHAMPTON CO	Located east of Bayview. Segment from headwaters downstream to start of tidal waters.

VA Overall AU Category: **5A**

Use	Impairment	1.48 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Benthic-Macroinvertebrate Bioassessments (Streams)**		01474	**2004**	**2016**	The Aquatic Life Use is impaired due to impacts to the stream's benthic population. DEQ Streams Benthic-Macroinvertebrate Bioassessments determines impairment by benthic assessment ratings of SI (spring 2001) & MI (fall 2001).

Sources: Source Unknown

TMDL Group ID: **01475**

VAT-D06R_NCB01A04	**Narrow Channel Branch**	NORTHAMPTON CO	Located east of Bayview. Segment from headwaters downstream to start of tidal waters.

VA Overall AU Category: **5A**

Use	Impairment	1.48 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Fecal Coliform**		01475	**2004**	**2016**	The Recreatiion Use is impaired due to exceedance (2 violates / 2 obs.) of the criteria for fecal coliform bacteria. Need additional data, minimal observations (2) on which to base assessment.

Sources: Source Unknown

TMDL Watershed Name: **Nassawadox Creek, Upper**

TMDL Group ID: **01239**

VAT-C13E_NSS01A06	**Nassawadox Creek - Upper**	NORTHAMPTON CO	From end of tidal waters downstream to approx. 0.25 mi upstream of confluence with Kelly Cove (RM 5.2). Portion of CBP segment CB7PH. DSS condemnation # 085-110 B.

VA Overall AU Category: **5A**

Use	Impairment	0.15 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01239	**1998**	**2010**	DSS shellfish condemnation # 085-110 B.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **New Market Creek - Lower Riverine**

TMDL Group ID: **76003**

VAT-C07R_NEW01A06	New Market Creek - Lower Riverine	HAMPTON CITY	From 0.1 mi. below Chestnut Ave. downstream to 0.65 mi. below Aberdeen Rd. crossing. Lowermost riverine portion, prior to start of tidal influence. In area of Mount Olive Cemetery.

VA Overall AU Category: **5A**

Use	Impairment	1.98 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76003	**2006**	**2018**	Probably related to downstream DO impairment (TMDL_ID VAT-C07E-03). The Aquatic Life impairment is due to dissolved oxygen concentrations (3 violates / 8 obs.) below the minimum criteria (4.0 mg/L). Within area of dense residential and commercial development.

Sources: Municipal (Urbanized High Density Area)
Source Unknown

TMDL Group ID: **76004**

VAT-C07R_NEW01A06	New Market Creek - Lower Riverine	HAMPTON CITY	From 0.1 mi. below Chestnut Ave. downstream to 0.65 mi. below Aberdeen Rd. crossing. Lowermost riverine portion, prior to start of tidal influence. In area of Mount Olive Cemetery.

VA Overall AU Category: **5A**

Use	Impairment	1.98 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Fecal Coliform**		76004	**2006**	**2018**	The Recreation Use is impaired due to exceedance (6 violates / 8 obs.) of the fecal coliform bacteria criteria. Probably related to downstream fecal coliform impairment (TMDL_ID VAT-C07E-03).

Sources: Source Unknown

TMDL Watershed Name: **Newmarket Creek**

TMDL Group ID: **00415**

VAT-C07E_NEW01A02	Newmarket Creek - Upper	HAMPTON CITY	South of Blue Bird Gap Farm area. From end of tidal waters (approx. RM 5.1) downstream to I-64 crossing (RM 3.68). Portion of DSS shellfish condemnation # 054-021 E (effective 2004-06-02). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		00415	**2006**	**2010**	Recreation Use impaired due to Enterococcus concentrations (8 violates / 12 obs.) exceeding the swimming indicator criteria (the previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment, with the same TMDL due date as the FC impairment, since the threshold of 12 observations has been reached).

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Newmarket Creek**

TMDL Group ID: **00415**

VAT-C07E_NEW02A02	**Newmarket Creek - Lower**	HAMPTON CITY	South of Blue Bird Gap Farm area. From end of tidal waters (approx. RM 5.1) downstream to I-64 crossing (RM 3.68). Portion of DSS shellfish condemnation # 054-021 E (effective 2004-06-02). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment (0.08 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**	00415	**2006**	**2010**	Recreation Use impaired due to Enterococcus concentrations (8 violates / 12 obs.) exceeding the swimming indicator criteria (the previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment, with the same TMDL due date as the FC impairment, since the threshold of 12 observations has been reached).
		Sources: Source Unknown			
Shellfishing	**Fecal Coliform**	00415	**1998**	**2010**	DSS shellfish condemnation # 054-021 E (effective 2004-06-02).
		Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			

TMDL Watershed Name: **Newmarket Creek, Upper**

TMDL Group ID: **01212**

VAT-C07E_NEW01A02	**Newmarket Creek - Upper**	HAMPTON CITY	South of Blue Bird Gap Farm area. From end of tidal waters (approx. RM 5.1) downstream to I-64 crossing (RM 3.68). Portion of DSS shellfish condemnation # 054-021 E (effective 2004-06-02). CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment (0.07 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**	01212	**1998**	**2010**	DSS shellfish condemnation # 054-021 E (effective 2004-06-02).
		Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			

TMDL Watershed Name: **North River**

TMDL Group ID: **01012**

VAP-C04E_NOR01A02	**North River**	GLOUCESTER CO MATHEWS CO	Described in the condemnation notice 042-157A, 9/17/2004 Size increased in 2006 cycle MOBPH

VA Overall AU Category: **5A**

Use	Impairment (0.69 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**	01012	**1998**	**2010**	VAP-C04E-08 VDH-DSS SFC Number 042-157A, 9/17/2004
		Sources: Source Unknown			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Occohanock Creek, Upper**

TMDL Group ID: **00302**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-C13E_OCH01A06	**Occohannock Creek - Upper**	ACCOMACK CO NORTHAMPTON CO	Upper portion of Occohannock Creek and tidal tribs., from end of tidal waters downstream to the confluence of Wescott Cove (RM 5.3). Portion of CBP segment CB7PH. DSS condemnation # 084-043A.

VA Overall AU Category: **5A**

Use	Impairment	0.51 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00302	**1998**	**2010**	{\rtf1\ansi\deff0\deftab720{\fonttbl{\f0\fswiss MS Sans Serif;}{\f1\froman\fcharset2 Symbol;}} {\colortbl\red0\green0\blue0;} \deflang1033\pard\plain\f0\fs17 DSS condemnation # 084-043A. \par }

Sources: Source Unknown

TMDL Watershed Name: **Old Plantation Creek, Upper DSS Condemnation**

TMDL Group ID: **01245**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-C16E_OPC01A06	**Old Plantation Creek - Upper**	NORTHAMPTON CO	From end of tidal waters downstream to narrows at approx. RM 2.0. Portion of CBP segment CB7PH. DSS shellfish condemnation # 090-152.

VA Overall AU Category: **5A**

Use	Impairment	0.11 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01245	**1998**	**2010**	

Sources: Source Unknown

TMDL Watershed Name: **Onancock Creek**

TMDL Group ID: **00278**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-C11E_OSB01A02	**South Branch, Onancock Creek**	ACCOMACK CO	Located near Town of Onancock. Entire South Branch, Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C.

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Fecal Coliform**		00278	**1998**	**2014**	The Recreation Use is impaired based on exceedance of the Fecal Coliform bacteria criteria (2 violates / 13 obs.) and exhibits Observed Effects due to unsufficient exceedance of Enterococcus bacteria criteria within a small data set (1 violates / 3 obs.).

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Onancock Creek**

TMDL Group ID: **01238**

VAT-C11E_OCN01A04 **Onancock Creek - Upper** ACCOMACK CO

Located near Town of Onancock.From junction of North, Central and South Branches downstream to end of DSS condemnation (RM 3.6) midway between Leatherberry and Cedar Creeks. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C.

VA Overall AU Category: **5A**

Use	Impairment	0.23 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01238	**1998**	**2010**	Portion of DSS shellfish condemnation # 081-013C.

Sources: Source Unknown

VAT-C11E_OSB01A02 **South Branch, Onancock Creek** ACCOMACK CO

Located near Town of Onancock. Entire South Branch, Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C.

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01238	**1998**	**2010**	Portion of DSS shellfish condemnation # 081-013C.

Sources: Source Unknown

TMDL Group ID: **76201**

VAT-C11E_OCN01A04 **Onancock Creek - Upper** ACCOMACK CO

Located near Town of Onancock.From junction of North, Central and South Branches downstream to end of DSS condemnation (RM 3.6) midway between Leatherberry and Cedar Creeks. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C.

VA Overall AU Category: **5A**

Use	Impairment	0.23 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		76201	**2006**	**2016**	The Recreation Use is impaired (2 violate / 12 obs.) due to exceedance of the instantaneous criteria for Enterococcus bacteria.The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment since threshold of 12 observations reached, with TMDL due date same as original FC impairment.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Onancock Creek, Central Branch**

TMDL Group ID: **01450**

VAT-C11E_OCB01A00	Central Branch, Onancock Creek	ACCOMACK CO	Located near Town of Onancock. Entire Central Branch, Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01450	**1998**	**2010**	Portion of DSS shellfish condemnation # 081-013C.

Sources: Source Unknown

TMDL Group ID: **76200**

VAT-C11E_OCB01A00	Central Branch, Onancock Creek	ACCOMACK CO	Located near Town of Onancock. Entire Central Branch, Onancock Creek. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation 081-013C.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Fecal Coliform**		76200	**1998**	**2010**	The Recreation Use is impaired based on exceedance of the Fecal Coliform bacteria criteria (3 violates / 13 obs.) and exhibits Observed Effects due to unsufficient exceedance of Enterococcus bacteria criteria within a small data set (1 violates / 3 obs.).

Sources: Source Unknown

TMDL Watershed Name: **Onancock Creek, North Branch**

TMDL Group ID: **00277**

VAT-C11E_ONB01A02	North Branch, Onancock Creek	ACCOMACK CO	Located near Town of Onancock. Entire North Branch, Onancock Creek. Portion of CBP segment CB7PH. DSS (ADMINISTRATIVE) shellfish direct harvesting condemnation 081-013 D.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		00277	**2006**	**2010**	The Recreation Use is impaired based on exceedance of the Fecal Coliform bacteria criteria (maximum of 8 violates / 12 obs.) and exceedance of the Enterococcus bacteria criteria (maximum of 3 violates / 3 obs),as well as exhibits Observed Effects due to unsufficient exceedance of Enterococcus bacteria criteria within a small data set (1 violates / 3 obs).

Sources: Source Unknown

Use	Impairment	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Fecal Coliform**	00277	**2002**	**2010**	The Recreation Use is impaired based on exceedance of the Fecal Coliform bacteria criteria (maximum of 8 violates / 12 obs.) and exceedance of the Enterococcus bacteria criteria (maximum of 3 violates / 3 obs),as well as exhibits Observed Effects due to unsufficient exceedance of Enterococcus bacteria criteria within a small data set (1 violates / 3 obs).

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Owens Pond**

TMDL Group ID: **00967**

VAP-C01E_OWN01A98	Owens Pond	NORTHUMBERLAND CO	Described in the condemnation notice 122, 1/3/1992. CB5MH. Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment	0.17 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00967	**1998**	**2010**	00967 (SF) VAP-C01E-10 VDH-DSS Shellfish Condemnation Notice 122, 1/3/1992.

Sources: Source Unknown

TMDL Watershed Name: **Owl Creek - Lower**

TMDL Group ID: **76568**

VAT-D07E_OWL02A02	Owl Creek - Lower	VIRGINIA BEACH CITY	Headwaters tributary to Lake Rusee, located west of Lake Christine. Segment from mid-way point where creek broadens downstream to confluence with Lake Rudee. Portion of DSS shellfish condemnation # 073-074.

VA Overall AU Category: **5B**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		76568	**2002**	**2018**	DSS shellfish condemnation # 073-074. Effective 1989-04-27.

Sources: Source Unknown

TMDL Watershed Name: **Owl Creek- Upper**

TMDL Group ID: **76028**

VAT-D07E_OWL01A02	Owl Creek- Upper	VIRGINIA BEACH CITY	Headwaters tributary to Lake Rusee, located west of Lake Christine. Segment from headwaters downstream to point where creek broadens. Portion of DSS shellfish condemnation # 073-074.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76028	**2006**	**2018**	The Aquatic Life use is impaired due to dissolved oxygen concentrations (4 violates / 17 obs.) below the criteria minimum (4.0 mg/l). This TMDL ID (VAT-D07E-05) is added for the 2006 IR.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Owl Creek- Upper**

TMDL Group ID: **76567**

VAT-D07E_OWL01A02	Owl Creek- Upper	VIRGINIA BEACH CITY	Headwaters tributary to Lake Rusee, located west of Lake Christine. Segment from headwaters downstream to point where creek broadens. Portion of DSS shellfish condemnation # 073-074.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		76567	**2004**	**2018**	DSS shellfish condemnation # 073-074. Effective 1989-04-27.

Sources: Source Unknown

TMDL Watershed Name: **Owl Creek, Lower**

TMDL Group ID: **01481**

VAT-D07E_OWL01A02	Owl Creek- Upper	VIRGINIA BEACH CITY	Headwaters tributary to Lake Rusee, located west of Lake Christine. Segment from headwaters downstream to point where creek broadens. Portion of DSS shellfish condemnation # 073-074.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		01481	**2006**	**2014**	Recreation Use impaired due to Enterococcus bacteria concentrations exceeding (7 violates / 14 obs.) the instantaneous swimming indicator criteria (the previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by the Enterococcus bacteria criteria impairment since threshold of 12 observations reached, with TMDL due date same as original FC impairment).

Sources: Source Unknown

TMDL Watershed Name: **Oyster Slip (Harbor)**

TMDL Group ID: **01256**

VAT-D05E_OSS01A00	Oyster Slip (Harbor)	NORTHAMPTON CO	Located in the town of Oyster, east of Cheriton. Adjacent to Brockenberry Bay. DSS shellfish harvesting condemnation 094-12A.

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01256	**1998**	**2010**	

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Oyster Slip (Harbor)**

TMDL Group ID: **76027**

VAT-D05E_OSS01A00	Oyster Slip (Harbor)	NORTHAMPTON CO	Located in the town of Oyster, east of Cheriton. Adjacent to Brockenberry Bay. DSS shellfish harvesting condemnation 094-12A.

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		76027	**2006**	**2018**	The Recreatiion Use is impaired due to exceedance (2 violates / 9 obs.) of the instaneous criteria for Enterococcus bacteria. Added during the 2006 IR cycle.

Sources: Source Unknown

TMDL Watershed Name: **Parker Creek**

TMDL Group ID: **00431**

VAT-D03R_PAR01A00	Parker Creek	ACCOMACK CO	Riverine section of Parker Creek, from headwaters (at PERDUE plant - VA0003808) downstream to start of tidal waters (downstream of RM 2.9). Located northeast of Accomac.

VA Overall AU Category: **5A**

Use	Impairment	3.56 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Escherichia coli**		00431	**2004**	**2016**	The Recreatiion Use is impaired due to exceedance of the criteria for fecal coliform (7-PAR004.35 - 2 violates / 10 obs.) and Ecoli bacteria (7-PAR003.09 - 8 violates / 16 obs.), the previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Ecoli criteria impairment since threshold of 12 observations reached, with TMDL due date same as original FC impairment.
						Sources: Source Unknown
Recreation	**Fecal Coliform**		00431	**1994**	**2010**	The Recreatiion Use is impaired due to exceedance of the criteria for fecal coliform (7-PAR004.35 - 2 violates / 10 obs.) and Ecoli bacteria (7-PAR003.09 - 8 violates / 16 obs.) .
						Sources: Source Unknown

TMDL Group ID: **00432**

VAT-D03R_PAR01A00	Parker Creek	ACCOMACK CO	Riverine section of Parker Creek, from headwaters (at PERDUE plant - VA0003808) downstream to start of tidal waters (downstream of RM 2.9). Located northeast of Accomac.

VA Overall AU Category: **5A**

Use	Impairment	3.56 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Benthic-Macroinvertebrate Bioassessments (Streams)**		00432	**1994**	**2010**	DEQ Streams Benthic-Macroinvertebrate Bioassessments using Regional Reference method. The Aquatic Life Use is impaired due to impacts to the stream's benthic population. Benthic population impacts were recorded at the following sample events: 7-PAR004.35 - severely impaired [[VI:S-'00,F-'00,S-'01,F-'01,S-'02,MI:F-'02] & 7-PAR003.09 - moderatley impaired [MI:F-'00,F-'01,S-'02,F-'02].
						Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Parker Creek**

TMDL Group ID: **01255**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-D03E_PAR02A06	**Parker Creek - Lower**	ACCOMACK CO	Tributary to Metomkin Bay. Lower estuarine portion of creek, from start of DSS shellfish condemnation downstream to mouth (RM 0.0). DSS shellfish condemnation # 098-098A.

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01255	**1998**	**2010**	

Sources: Source Unknown

TMDL Group ID: **76022**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-D03E_PAR01A06	**Parker Creek - Middle**	ACCOMACK CO	Tributary to Metomkin Bay. Middle estuarine portion of creek, from confluence of North Fork (RM 1.3) downstream to start of DSS shellfish condemnation (# 098-098A).

VA Overall AU Category: **5A**

Use	Impairment	0.04 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		76022	**2006**	**2018**	The Recreatiion Use is impaired due to the exceedance (6 violates / 9 obs.) of the Enterococcus bacteria criteria. This assessment unit is added as impaired for the 2006 IR

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-D03E_PAR02A06	**Parker Creek - Lower**	ACCOMACK CO	Tributary to Metomkin Bay. Lower estuarine portion of creek, from start of DSS shellfish condemnation downstream to mouth (RM 0.0). DSS shellfish condemnation # 098-098A.

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		76022	**2006**	**2018**	The Recreatiion Use is assessed using data extrapolated from the upstream station @ 7-PAR001.20. The Recreatiion Use is impaired due to the exceedance (6 violates / 9 obs.) of the Enterococcus bacteria criteria.This assessment unit is added as impaired for the 2006 IR.

Sources: Source Unknown

TMDL Watershed Name: **Patricks Creek - Poquoson River**

TMDL Group ID: **01754**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-C07E_PTC01A04	**Patricks Creek - Poquoson River**	YORK CO	North shore trib to Poquoson R. South of Dare area.DSS Shellfish condemnation # 053-137 C. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01754	**2006**	**2016**	DSS Shellfish condemnation # 053-137 C.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pepper Creek**

TMDL Group ID: **10119**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAP-C04E_PEP01A06	**Pepper Creek**	MATHEWS CO	As described in the condemnation notice 040-085A, 12/27/2004. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		10119	**2006**	**2018**	VAP-C04E-22 VDH-DSS SFC Number 040-085A, 12/27/2004

Sources: Source Unknown

TMDL Watershed Name: **Pettit Branch**

TMDL Group ID: **00430**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-D02R_PET01A00	**Pettit Branch**	ACCOMACK CO	South shore tributary to Assawoman Creek. From headwaters to start of tidal waters.

VA Overall AU Category: **5A**

Use	Impairment	2.12 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Escherichia coli**		00430	**2006**	**2010**	

Sources: Source Unknown

TMDL Group ID: **01458**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-D02R_PET01A00	**Pettit Branch**	ACCOMACK CO	South shore tributary to Assawoman Creek. From headwaters to start of tidal waters.

VA Overall AU Category: **5A**

Use	Impairment	2.12 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Benthic-Macroinvertebrate Bioassessments (Streams)**		01458	**1996**	**2010**	DEQ Streams Benthic-Macroinvertebrate Bioassessments using Regional Reference method. The Aquatic Life Use is impaired due to impacts to the stream's benthic population (impaired rating for Biological Monitoring resulting from the following DEQ Streams Benthic-Macroinvertebrate Bioassessments sample events: VI:S-'00,MI:F-'00,S-'01,F-'01,S-'02].

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River**

TMDL Group ID: **00993**

VAP-C03E_PNK01A02	Piankatank River	GLOUCESTER CO MIDDLESEX CO	Watershed limit to Deep Point Boat Landing. Part of VDH-DSS SFC No. 035-076A, 9/3/2004. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	2.22 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00993	**1998**	**2010**	00980(SF) VAP-C03E-02 VDH Shellfish Condemnation Notice 035-076A, 9/3/2004. VDH Shellfish Condemnations for the Upper Piankatank River and Harpers Creek were previously separated as areas 076A and 076B (5/24/1999). In September 2004, the condemnation area expanded so that Harpers Creek is now a portion of the Upper Pianaktank River.

Sources: Source Unknown

TMDL Group ID: **15005**

VAP-C03E_PNK03A00	Piankatank River	MATHEWS CO MIDDLESEX CO	One-half mile radius around monitoring station 7-PNK005.36 on the Piankatank River between Pond Point and Iron Point. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	1.28 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Estuarine Bioassessments**		15005	**2006**	**2018**	15005 (B-IBI) VAP-C03E-10 Based on the information collected from the Coastal 2000 station 7-PNK005.20, the Weight of Evidence estuarine bioassessment results indicated the benthic community was impaired. Therefore this segment was assessed as not supporting for aquatic life use .

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River**

TMDL Group ID: **90027**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAP-C03E_PNK06A04	**Piankatank River**	GLOUCESTER CO MIDDLESEX CO	Deep Point Boat Landing downstream to limit of shellfish condemnation VDH-DSS Notice 035-076A, 9/3/2004. PIAMH. SFC area expanded in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment	0.26 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		90027	**1998**	**2010**	00980 (SF) VAP-C03E-02 VDH-DSS Shellfish Condemnation 035-076A, 9/3/2004. Area expanded in 2006 cycle.

Sources: Source Unknown

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **01771**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAP-C02E_DRN01A02	**Dragon Swamp**	GLOUCESTER CO MIDDLESEX CO	The tidal portion of Dragon Swamp. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	1.11 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01771	**2002**	**2014**	01771 (DO) VAP-C02E-01 In 2002, this segment was listed for dissolved oxygen (DO), considered to be due to natural conditions of upstream swamps. The new Chesapeake Bay criteria were implemented during the 2006 cycle. The Open Water 30 Day Dissolved Oxygen criteria were acceptable, however there were insufficient data to assess the other criteria. Therefore this segment remains listed for the DO impairment. The TMDL is due in 2014.

Sources: Natural Conditions - Water Quality Standards Use Attainability Analyses Needed

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **01771**

VAP-C03E_PNK01A02 **Piankatank River** GLOUCESTER CO MIDDLESEX CO

Watershed limit to Deep Point Boat Landing. Part of VDH-DSS SFC No. 035-076A, 9/3/2004.

PIAMH.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	2.22	SQUARE MILES	01771	**2002**	**2014**	01771 (DO) VAP-C03E-01, In 2002, this segment was listed for dissolved oxygen (DO), considered to be due to stratification. The new Chesapeake Bay criteria were implemented during the 2006 cycle. The Open Water 30 Day Dissolved Oxygen criteria were acceptable, however there were insufficient data to assess the other criteria. Therefore this segment remains listed for the DO impairment. The TMDL is due in 2014.

Sources: Changes in Ordinary Stratification and Bottom Water Hypoxia/Anoxia

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VAP-C03E_PNK02A00 **Piankatank River** GLOUCESTER CO MIDDLESEX CO

Mainstem Piankatank from downstream limit of VDH-DSS SFC 035-076 down to PNK03A00.

PIAMH.

Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	4.58	SQUARE MILES	01771	**2002**	**2014**	01771 (DO) VAP-C03E-01 In 2002, this segment was listed for dissolved oxygen (DO), considered to be due to stratification. The new Chesapeake Bay criteria were implemented during the 2006 cycle. The Open Water 30 Day Dissolved Oxygen criteria were acceptable, however there were insufficient data to assess the other criteria. Therefore this segment remains listed for the DO impairment. The TMDL is due in 2014.

Sources: Changes in Ordinary Stratification and Bottom Water Hypoxia/Anoxia

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **01771**

VAP-C03E_PNK03A00 **Piankatank River** MATHEWS CO, MIDDLESEX CO

One-half mile radius around monitoring station 7-PNK005.36 on the Piankatank River between Pond Point and Iron Point.

PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	1.28 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01771	**2002**	**2014**	01771 (DO) VAP-C03E-01 In 2002, this segment was listed for dissolved oxygen (DO), considered to be due to stratification. The new Chesapeake Bay criteria were implemented during the 2006 cycle. The Open Water 30 Day Dissolved Oxygen criteria were acceptable, however there were insufficient data to assess the other criteria. Therefore this segment remains listed for the DO impairment. The TMDL is due in 2014.

Sources: Changes in Ordinary Stratification and Bottom Water Hypoxia/Anoxia

VAP-C03E_PNK04A00 **Piankatank River** MATHEWS CO, MIDDLESEX CO

Mainstem Piankatank River from PNK03A00 downstream to the point at Fishing Bay.

PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	3.49 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01771	**2002**	**2014**	01771 (DO) VAP-C03E-01 In 2002, this segment was listed for dissolved oxygen (DO), considered to be due to stratification. The new Chesapeake Bay criteria were implemented during the 2006 cycle. The Open Water 30 Day Dissolved Oxygen criteria were acceptable, however there were insufficient data to assess the other criteria. Therefore this segment remains listed for the DO impairment. The TMDL is due in 2014.

Sources: Changes in Ordinary Stratification and Bottom Water Hypoxia/Anoxia

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **01771**

VAP-C03E_PNK04B06 **Piankatank River, Porpoise Cove** MIDDLESEX CO As described in VDH-DSS SFC No. 034-208 M1 (seasonal), 12/30/2004.

PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01771	**2006**	**2014**	01771 (DO) VAP-C03E-01 In 2002, this segment was listed for dissolved oxygen (DO), considered to be due to stratification. The new Chesapeake Bay criteria were implemented during the 2006 cycle. The Open Water 30 Day Dissolved Oxygen criteria were acceptable, however there were insufficient data to assess the other criteria. Therefore this segment remains listed for the DO impairment. The TMDL is due in 2014.

Sources: Changes in Ordinary Stratification and Bottom Water Hypoxia/Anoxia

VAP-C03E_PNK04C06 **Piankatank River, Fishing Bay** MIDDLESEX CO As described in VDH-DSS SFC No. 034-208 M2 (seasonal), 12/30/2004.

PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01771	**2002**	**2014**	01771 (DO) VAP-C03E-01 In 2002, this segment was listed for dissolved oxygen (DO), considered to be due to stratification. The new Chesapeake Bay criteria were implemented during the 2006 cycle. The Open Water 30 Day Dissolved Oxygen criteria were acceptable, however there were insufficient data to assess the other criteria. Therefore this segment remains listed for the DO impairment. The TMDL is due in 2014.

Sources: Changes in Ordinary Stratification and Bottom Water Hypoxia/Anoxia

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **01771**

VAP-C03E_PNK06A04 **Piankatank River** GLOUCESTER CO MIDDLESEX CO

Deep Point Boat Landing downstream to limit of shellfish condemnation VDH-DSS Notice 035-076A, 9/3/2004.

PIAMH.

SFC area expanded in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	0.26	SQUARE MILES	01771	**2002**	**2014**	01771 (DO) VAP-C03E-01 In 2002, this segment was listed for dissolved oxygen (DO), considered to be due to stratification. The new Chesapeake Bay criteria were implemented during the 2006 cycle. The Open Water 30 Day Dissolved Oxygen criteria were acceptable, however there were insufficient data to assess the other criteria. Therefore this segment remains listed for the DO impairment. The TMDL is due in 2014.

Sources: Changes in Ordinary Stratification and Bottom Water Hypoxia/Anoxia

VAP-C04E_MRC01A98 **Morris Creek** MATHEWS CO

Tidal limit to approximately rivermile 0.15.

PIAMH

VA Overall AU Category: **5A**

Use	Impairment			TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	0.08	SQUARE MILES	01771	**2002**	**2014**	VAP-C04E-06 During the 2006 cycle, the Chesapeake Bay water quality standards were adopted. Although the Piankatank Mesohaline segment (PIAMH) met the 30-day open water dissolved oxygen standards, there was insufficient data to assess the other criteria, therefore the segment must remain listed.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C02E_DRN01A02	Dragon Swamp	GLOUCESTER CO MIDDLESEX CO	The tidal portion of Dragon Swamp. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	1.11 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C03E_COB01A02	Cobbs Creek	MATHEWS CO	As described in the condemnation notice 170, 3/2/1993. PIAMH.

VA Overall AU Category: **5D**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C03E_COB02A02 **Cobbs Creek** MATHEWS CO

As described in VDH-DSS SFC No. 034-170, 10/13/2003, not otherwise segmented.

PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C03E_FER01A98	Ferry Creek	GLOUCESTER CO	Described in the condemnation notice 035-171, 6/9/1998. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C03E_FRE01A02	Frenchs Creek	GLOUCESTER CO	As described in the condemnation notice 035-076B, 9/3/2004. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C03E_HEA01A02	Healy Creek	MIDDLESEX CO	Described in the VDH-DSS Shellfish Condemnation Notice 129, 3/3/1997. PIAMH.

VA Overall AU Category: **5D**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C03E_HEA02A06	Healy Creek	MIDDLESEX CO	Described in the VDH-DSS Shellfish Condemnation Notice 129, 2/26/1999. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C03E_HRP01A98	**Harper Creek**	GLOUCESTER CO	Described in the condemnation notice 035-076A, 9/3/2006. Harper Creek is a portion of the Piankatank River condemnation. PIAMH. Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C03E_JCK01A98 **Jackson Creek** MIDDLESEX CO

Described in the condemnation notice 033-084A, 12/30/2004.

Size increased in 2006 cycle. Segments JCK01B98 and JCK01C98 were incorporated into this segment, then deleted.

PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	0.30 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C03E_MRE01A02	**Moore Creek**	MIDDLESEX CO	As described in the condemnation notice 034-208A, 12/30/2004. Area expanded in 2006 cycle. Segment MRE02A02 was incorporated into this segment, then deleted. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C03E_PNK01A02	**Piankatank River**	GLOUCESTER CO MIDDLESEX CO	Watershed limit to Deep Point Boat Landing. Part of VDH-DSS SFC No. 035-076A, 9/3/2004. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	2.22 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C03E_PNK02A00	Piankatank River	GLOUCESTER CO MIDDLESEX CO	Mainstem Piankatank from downstream limit of VDH-DSS SFC 035-076 down to PNK03A00. PIAMH. Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment	4.58 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C03E_PNK03A00	Piankatank River	MATHEWS CO MIDDLESEX CO	One-half mile radius around monitoring station 7-PNK005.36 on the Piankatank River between Pond Point and Iron Point. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	1.28 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04, During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04, During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C03E_PNK04A00	**Piankatank River**	MATHEWS CO MIDDLESEX CO	Mainstem Piankatank River from PNK03A00 downstream to the point at Fishing Bay. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	3.49 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C03E_PNK04B06	Piankatank River, Porpoise Cove	MIDDLESEX CO	As described in VDH-DSS SFC No. 034-208 M1 (seasonal), 12/30/2004. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C03E_PNK04C06	Piankatank River, Fishing Bay	MIDDLESEX CO	As described in VDH-DSS SFC No. 034-208 M2 (seasonal), 12/30/2004. PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C03E_PNK05A02	**Piankatank River**	MATHEWS CO MIDDLESEX CO	Piankatank River downstream of Fishing Bay at Stove Point to mouth at Chesapeake Bay PIAMH. Size adjusted in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment	4.97 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C03E_PNK06A04	**Piankatank River**	GLOUCESTER CO MIDDLESEX CO	Deep Point Boat Landing downstream to limit of shellfish condemnation VDH-DSS Notice 035-076A, 9/3/2004. PIAMH. SFC area expanded in 2006 cycle.

VA Overall AU Category: **5A**

Use	Impairment	0.26 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C03E_WLT01A98 **Wilton Creek** MIDDLESEX CO Described in the condemnation notice 126, 3/2/1993.

PIAMH.

VA Overall AU Category: **5D**

Use	Impairment	0.13 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	15000 (PCBs) VAP-C01E-17 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C03E_ZZZ01A00 **Unsegmented estuaries in C03** GLOUCESTER CO

Unsegmented portion of the watershed.

Size adjusted in 2006 cycle.

PIAMH.

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	10113 (SAV) VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C04E_BLP01A98	Billups Creek	MATHEWS CO	Described in the condemnation notice 037-061C, 7/15/2004. Size adjusted in 2006 although area did not change from 2004 cycle. PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 (SAV) During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C04E_BRN01A04 **Barn Creek** MATHEWS CO

Described in the previous condemnation notice 197A, 2/1/2001

Size adjusted in 2006 cycle, although area did not change

PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C04E_EDW01A98	**Edwards Creek**	MATHEWS CO	Described in the condemnation notice 197A, 2/19/2003. PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C04E_EDW02A98	**Edwards Creek**	MATHEWS CO	Described in the condemnation notice 197B, 2/19/2003. PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C04E_LAN01A02 **Lanes Creek** MATHEWS CO As described in previous condemnation notice 037-099C, 2/1/2001.

PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C04E_MID01A02	Winder Creek	MATHEWS CO	As described in the condemnation notice 037-099C, 4/28/2004. PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 (SAV) During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C04E_MLF01A98 **Milford Haven** MATHEWS CO Described in the condemnation notice 037-099D, 4/28/2004.

PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C04E_MLF02A98 **Milford Haven** MATHEWS CO

Described in the condemnation notice 037-099E, 4/28/2004.

Size adjusted in 2006, although area did not change

PIAMMH

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C04E_MLF03A00 **Milford Haven** MATHEWS CO Downstream of SFC037-099E, 4/28/2004 except as otherwise segmented.

PIAMH

VA Overall AU Category: **5A**

Use	Impairment	1.43 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C04E_MLF04A06	Milford Haven	MATHEWS CO	Hills Bay PIAMH

VA Overall AU Category: **5A**

Use	Impairment	2.28 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C04E_MLF05A06 **Milford Haven** MATHEWS CO Described in VDH-DSS condemnation 037-099M1, 4/28/2004

PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C04E_MRC01A98	Morris Creek	MATHEWS CO	Tidal limit to approximately rivermile 0.15. PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C04E_MRC02A06 **Morris Creek** MATHEWS CO Rivermile 0.15 downstream to end of condemnation 037-061B, 7/15/2004

PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C04E_QUE01A98 **Queens Creek** MATHEWS CO

Described in the condemnation notice 037-099A, 4/28/2004.

Size reduced in 2006 cycle.

PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.23 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C04E_QUE01B06	Queens Creek	MATHEWS CO	Described in the condemnation notice 037-099B, 4/28/2004. Segment split from VAP-C04E_QUE01A98 in 2006 PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C04E_QUE02A06 **Queens Creek** MATHEWS CO

Described in the condemnation notice 037-099M2, 4/28/2004.

Segment split from VAP-C04E_QUE01A98 in 2006

PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Sources: Agriculture
Atmospheric Deposition - Nitrogen
Clean Sediments
Industrial Point Source Discharge
Internal Nutrient Recycling
Loss of Riparian Habitat
Municipal Point Source Discharges
Sediment Resuspension (Clean Sediment)
Sources Outside State Jurisdiction or Borders
Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C04E_QUE03A06	Queens Creek	MATHEWS CO	Downstream of condemnation areas 099A, B, and M2, 4/28/2004. Segment split from VAP-C04E_QUE01A98 in 2006 PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C04E_STT01A98	Stutts Creek	MATHEWS CO	Described in the condemnation notice 037-061A, 7/15/2004. Segment shortened in 2006 cycle. PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**	10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C04E_STT01B06 **Stutts Creek (Hole in the Wall)** MATHEWS CO Described in VDH-DSS condemnation 037-061M1, 7/15/2004

PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C04E_STT02A00 **Stutts Creek** MATHEWS CO Tidal limits to Fanneys Point, except as otherwise segmented.

PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.23 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.
		Sources:	Agriculture Atmospheric Deposition - Nitrogen Clean Sediments Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sediment Resuspension (Clean Sediment) Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C04E_STT03A06 **Stutts Creek** MATHEWS CO Described in VDH-DSS SFC 037-061M2, 7/15/2004

PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C04E_STT04A06	Stutts Creek	MATHEWS CO	Described in VDH-DSS SFC 037-061M3, 7/15/2004
			PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C04E_WHA01A06 **Wharf Creek** MATHEWS CO Described in VDH-DSS SFC 036-M87, 4/13/1989

PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Piankatank River Mesohaline Embayments**

TMDL Group ID: **10113**

VAP-C04E_ZZZ01A00	Unsegmented estuaries in C04	MATHEWS CO	Unsegmented portion of the watershed within PIAMH

VA Overall AU Category: **5A**

Use	Impairment	2.65 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		10113	**2006**	**2010**	VAP-C04E-04 During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The Piankatank Mesohaline segment (PIAMH) failed the Submerged Aquatic Vegetation acreage requirements.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pitts Creek, Unnamed Tributary**

TMDL Group ID: **00419**

VAT-C09R_XAE01A00	Unamed tributary to Pitts Creek	ACCOMACK CO	Located northwest of New Church in Accomack County. Riverine portion of unnamed trib to Pitts Creek.

VA Overall AU Category: **5A**

Use	Impairment	5.96 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		00419	**1998**	**2010**	The Aquatic Life Use is impaired due to low dissolved oxygen (5 violates / 34 obs.; VAT-C09R-01) concentrations, which exceed the minimum criteria (criteria minimum = 4.0 mg/l).

Sources: Source Unknown

TMDL Group ID: **01448**

VAT-C09R_XAE01A00	Unamed tributary to Pitts Creek	ACCOMACK CO	Located northwest of New Church in Accomack County. Riverine portion of unnamed trib to Pitts Creek.

VA Overall AU Category: **5A**

Use	Impairment	5.96 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Escherichia coli**		01448	**2006**	**2016**	The Recreation Use is impaired (5 violate / 15 obs.) due to exceedance of the instantaneous criteria for Ecoli bacteria.The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Ecoli criteria impairment since threshold of 12 observations reached, with TMDL due date same as original FC impairment.

Sources: Source Unknown

TMDL Group ID: **76009**

VAT-C09R_XAE01A00	Unamed tributary to Pitts Creek	ACCOMACK CO	Located northwest of New Church in Accomack County. Riverine portion of unnamed trib to Pitts Creek.

VA Overall AU Category: **5A**

Use	Impairment	5.96 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**pH**		76009	**2006**	**2018**	The Aquatic Life Use is impaired due to low pH (5 violates / 34 obs.; VAT-C09R-02) concentrations, which exceed the minimum criteria (minimum = 6.0 SU). Although pH impairment from 1998 303d was delisted in the 2004 IR, more recent data indicates impairment and need to add again to TMDL listing. Need to investigate if natural conditions (leaf litter/organic content) may be the cause of the low pH.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River**

TMDL Group ID: **01229**

VAT-C09E_POC01A06	Pocomoke River	ACCOMACK CO	Located northeast of Pitts Neck area, along VA/MD border. From VA/MD state line downstream to mouth (confluence with Pocomoke Sound) within VA. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment	0.21 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01229	**1998**	**2010**	Portion of DSS shellfish condemnation # 075-033.
		Sources: Source Unknown				

TMDL Group ID: **76008**

VAT-C09E_POC01A06	Pocomoke River	ACCOMACK CO	Located northeast of Pitts Neck area, along VA/MD border. From VA/MD state line downstream to mouth (confluence with Pocomoke Sound) within VA. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment	0.21 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		76008	**2006**	**2018**	The Recreation Use is impaired due to exceedance of the instantaneous criteria for Enterococcus (4 violate / 7 obs.) and Fecal Coliform (2 violate / 7 obs.) bacteria.
		Sources: Source Unknown				
Recreation	**Fecal Coliform**		76008	**1998**	**2018**	The Recreation Use is impaired due to exceedance of the instantaneous criteria for Enterococcus (4 violate / 7 obs.) and Fecal Coliform (2 violate / 7 obs.) bacteria.
		Sources: Source Unknown				

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Embayments**

TMDL Group ID: **76079**

VAT-C09E_BLB01A06 **Bulbeggar Creek** ACCOMACK CO

Located southeast of Pitts Neck area. From estuarine/riverine transition (end of tidal waters) downstream to mouth (confluence with Pocomoke Sound). Portion of CBP segment POCOH. Portion of DSS shellfish condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment	0.12 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76079	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76079	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Embayments**

TMDL Group ID: **76079**

VAT-C09E_POC01A06	Pocomoke River	ACCOMACK CO	Located northeast of Pitts Neck area, along VA/MD border. From VA/MD state line downstream to mouth (confluence with Pocomoke Sound) within VA. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment	0.21 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76079	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76079	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Embayments**

TMDL Group ID: **76079**

VAT-C09E_PTT01A06	Pitts Creek	ACCOMACK CO	Located northeast of Pitts Neck area, along VA/MD border. From VA/MD state line downstream to mouth (confluence with Pocomoke River) within VA. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment	0.36 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76079	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76079	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Embayments**

TMDL Group ID: **76079**

VAT-C09E_ZZZ01A06	Unsegmented tidal tributaries in C09E-POCOH	ACCOMACK CO	Evaluated non segmented portions of C09E. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment (0.02 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	76079	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				
Open-Water Aquatic Life	**Oxygen, Dissolved**	76079	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources: Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)				

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Embayments**

TMDL Group ID: **76079**

VAT-C09E_ZZZ02A06	Unsegmented Pocomoke Sound in POCOH	ACCOMACK CO	Evaluated non segmented portions of C09E. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment	0.74 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76079	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76079	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Embayments**

TMDL Group ID: **76079**

VAT-C10E_HLD01A06	Holdens Creek - Upper	ACCOMACK CO	Located southeast of Joeys Neck area. From estuarine/riverine transition (end of tidal waters) downstream to 0.5 mi downstream of station @ 7-HLD002.67. Portion of CBP segment POCOH. Portion of DSS shellfish condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76079	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76079	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Embayments**

TMDL Group ID: **76079**

VAT-C10E_HLD02A06	Holdens Creek - Lower	ACCOMACK CO	Located southeast of Joeys Neck area. From 0.5 mi downstream of station @ 7-HLD002.67 downstream to mouth. Portion of CBP segment POCOH. Portion of DSS shellfish condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment (0.05 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	76079	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			
Open-Water Aquatic Life	**Oxygen, Dissolved**	76079	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).
	Sources:	Agriculture Atmospheric Deposition - Nitrogen Industrial Point Source Discharge Internal Nutrient Recycling Loss of Riparian Habitat Municipal Point Source Discharges Sources Outside State Jurisdiction or Borders Wet Weather Discharges (Non-Point Source) Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)			

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Embayments**

TMDL Group ID: **76079**

VAT-C10E_ZZZ04A06	Unsegmented embayments in C10E-POCOH	ACCOMACK CO	Evaluated non segmented portions of C10E. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment	1.22 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76079	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Open-Water Aquatic Life	**Oxygen, Dissolved**		76079	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Embayments**

TMDL Group ID: **76079**

VAT-C10E_ZZZ04B06	Unsegmented embayments in C10E-POCOH	ACCOMACK CO	Evaluated non segmented portions of C10E. Portion of CBP segment POCOH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.21 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76079	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Use	Impairment	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Open-Water Aquatic Life	**Oxygen, Dissolved**	76079	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Embayments**

TMDL Group ID: **76079**

VAT-C10E_ZZZ04C06	Unsegmented tributaries in C10E-POCOH	ACCOMACK CO	Evaluated non segmented portions of C10E. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment (0.00 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**	76079	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Use	Impairment	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Open-Water Aquatic Life	**Oxygen, Dissolved**	76079	**2006**	**2010**	The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO).

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Mesohaline Embayments**

TMDL Group ID: **76080**

VAT-C10E_BAG01A00	Bagwell Creek	ACCOMACK CO	Northwest of Town of Justisville. Entirety of creek. Portion of CBP segment POCMH. DSS shellfish direct harvesting condemnation # 077-138 C.

VA Overall AU Category: **5A**

Use	Impairment	0.19 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Mesohaline Embayments**

TMDL Group ID: **76080**

VAT-C10E_GLF01A06	Guilford Creek - Upper	ACCOMACK CO	Northeast of Town of Guilford. Upper portion of creek, from end of tidal waters downstream to end of DSS condemnation. Portion of CBP segment POCMH. DSS shellfish condemnation # 076-176 B.

VA Overall AU Category: **5A**

Use	Impairment	0.15 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Mesohaline Embayments**

TMDL Group ID: **76080**

VAT-C10E_GLF02A06	Guilford Creek - Lower	ACCOMACK CO	Northeast of Town of Guilford. Lower portion of creek, from end of DSS condemnation downstream to mouth. Portion of CBP segment POCMH. DSS (OPEN) shellfish direct harvesting condemnation # 076-176 B.

VA Overall AU Category: **5A**

Use	Impairment	0.59 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Mesohaline Embayments**

TMDL Group ID: **76080**

VAT-C10E_GSH01A06	Guard Shore Beach	ACCOMACK CO	In Old Cove (Beasley Bay). Located at Bailey Ridge, West of Bloxom. Portion of CBP segment POCMH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.00 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Mesohaline Embayments**

TMDL Group ID: **76080**

VAT-C10E_HUN01A00	Hunting Creek - Upper	ACCOMACK CO	West of Town of Hopkins. Upper portion of creek, from headwaters downstream to end of DSS condemnation. Portion of CBP segment POCMH. DSS condemnation # 077-138 B.

VA Overall AU Category: **5A**

Use	Impairment (0.19 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**	76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**	76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Mesohaline Embayments**

TMDL Group ID: **76080**

VAT-C10E_HUN02A06	Hunting Creek - Lower	ACCOMACK CO	West of Town of Hopkins. Lower portion of creek, from end of DSS condemnation downstream to mouth. Portion of CBP segment POCMH. DSS (OPEN) shellfish direct harvesting condemnation # 077-138.

VA Overall AU Category: **5A**

Use	Impairment	0.69 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

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Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Mesohaline Embayments**

TMDL Group ID: **76080**

VAT-C10E_MES01A06	Messongo Creek - Upper	ACCOMACK CO	Located southeast of Saxis. From end of tidal waters downstream to 0.4 mi downstream of Rt 690 crossing. Portion of CBP segment POCMH. Upstream portion of DSS shellfish direct harvesting condemnation # 076-167 A.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

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Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Mesohaline Embayments**

TMDL Group ID: **76080**

VAT-C10E_MES02A06	Messongo Creek - Middle	ACCOMACK CO	Located southeast of Saxis. From 0.4 mi downstream of Rt 690 crossing, downstream to end of DSS condemnation near Town of Belinda. Portion of CBP segment POCMH. Downstream portion of DSS shellfish direct harvesting condemnation # 076-167 A.

VA Overall AU Category: **5A**

Use	Impairment	0.27 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Mesohaline Embayments**

TMDL Group ID: **76080**

VAT-C10E_MES03A06	Messongo Creek - Lower	ACCOMACK CO	Located southeast of Saxis. From end of DSS condemnation near Town of Belinda downstream to the mouth. Portion of CBP segment POCMH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.94 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Mesohaline Embayments**

TMDL Group ID: **76080**

VAT-C10E_MUD01A04	Muddy Creek - Upper	ACCOMACK CO	Located Southeast of Bryds Marsh and northeast of Town of Bloxom on Eastern Shore. Portion of CBP segment POCMH. DSS shellfish direct harvesting condemnation # 076-176 A.

VA Overall AU Category: **5A**

Use	Impairment	0.34 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Mesohaline Embayments**

TMDL Group ID: **76080**

VAT-C10E_MUD02A06	Muddy Creek - Lower	ACCOMACK CO	Located Southeast of Bryds Marsh and northeast of Town of Bloxom. Lower portion of creek, from end of DSS condemnation downstream to mouth. Portion of CBP segment POCMH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.32 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Mesohaline Embayments**

TMDL Group ID: **76080**

VAT-C10E_STR01A06	Starling Creek - Upper	ACCOMACK CO	Northwest shore of Saxis Island area. Upper portion of creek, from end of tidal waters downstream to end of DSS condemnation. Portion of CBP segment POCMH. DSS shellfish condemnation # 075-118 A.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Mesohaline Embayments**

TMDL Group ID: **76080**

VAT-C10E_STR02A06	Starling Creek - Lower	ACCOMACK CO	Located on Saxis Island, southwest of Pocomoke Sound. Embayment at town of Saxis. Lower portion of creek, from end of DSS condemnation downstream to mouth. Portion of CBP segment POCMH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Mesohaline Embayments**

TMDL Group ID: **76080**

VAT-C10E_YOU01A06	Young Creek - Upper	ACCOMACK CO	Northeast of Town of Guilford. Upper portion of creek, from end of tidal waters downstream to end of DSS condemnation. Portion of CBP segment POCMH. DSS shellfish condemnation # 076-176 C.

VA Overall AU Category: **5A**

Use	Impairment (0.13 SQUARE MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**	76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**	76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Mesohaline Embayments**

TMDL Group ID: **76080**

VAT-C10E_YOU02A06	Young Creek - Lower	ACCOMACK CO	Northeast of Town of Guilford. Lower portion of creek, from end of DSS condemnation downstream to mouth. Portion of CBP segment POCMH. DSS (OPEN) shellfish direct harvesting condemnation # 076-176 C.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pocomoke River Mesohaline Embayments**

TMDL Group ID: **76080**

VAT-C10E_ZZZ02A06	Unsegmented estuaries in C10E-POCMH.	ACCOMACK CO	Evaluated non segmented portions of C10E not contained within VACB-R01E-CB7S. Portion of CBP segment POCMH. No DSS shellfish direct harvesting condemnations.

VA Overall AU Category: **5A**

Use	Impairment	3.22 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Shallow-Water Submerged Aquatic Vegetation	**Aquatic Plants (Macrophytes)**		76080	**2006**	**2010**	The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria provided by the CBPO 12/1/2005.

Sources:
- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Non-Point Source)
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Poquoson River, Unnamed Cove (UT Patricks Creek)**

TMDL Group ID: **01805**

VAT-C07E_POQ02B04	Unnamed Cove - Poquoson River	YORK CO	North shore trib to Poquoson R. east of Piney Point Estates. DSS shellfish condemnation # 053-137B. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01805	**2006**	**2010**	DSS shellfish condemnation # 053-137D. Including Moores & Quarter March Creeks.

Sources: Source Unknown

TMDL Watershed Name: **Poquoson River, Upper**

TMDL Group ID: **00416**

VAT-C07E_POQ01A06	Poquoson River - Upper	YORK CO	From Rt 17 crossing @ reservoir dam (RM 5.7) downstream to point downstream of confluence of Quarter March Creek (RM 2.7) @ Calthrop Neck, DSS shellfish condemnation # 053-137D. Including Moores & Quarter March Creeks. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.40 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		00416	**2006**	**2010**	Recreation Use impaired due to Enterococcus concentrations (10 violates / 13 obs.) exceeding the swimming indicator criteria (the previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment, with the same TMDL due date as the FC impairment, since the threshold of 12 observations has been reached).

Sources: Source Unknown

TMDL Group ID: **01806**

VAT-C07E_POQ01A06	Poquoson River - Upper	YORK CO	From Rt 17 crossing @ reservoir dam (RM 5.7) downstream to point downstream of confluence of Quarter March Creek (RM 2.7) @ Calthrop Neck, DSS shellfish condemnation # 053-137D. Including Moores & Quarter March Creeks. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.40 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01806	**2006**	**2010**	DSS shellfish condemnation # 053-137D. Including Moores & Quarter March Creeks.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Powells Bay**

TMDL Group ID: **76016**

VAT-D01E_PWB01A06	Powells Bay	ACCOMACK CO	NW of Wallops Island, between Watts and Bogues Bays. No DSS condemnation.

VA Overall AU Category: **5A**

Use	Impairment	0.57 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		76016	**2006**	**2018**	The Recreatiion Use is impaired due to exceedance of the criteria for Enterococci bacteria (2 violates / 9 obs.).

Sources: Source Unknown

TMDL Watershed Name: **Prentice Creek (22C)**

TMDL Group ID: **00969**

VAP-C01E_PNT01A02	Prentice Creek	NORTHUMBERLAND CO	Described in the condemnation notice 015-022D, 4/25/2003. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00969	**1998**	**2010**	00969 (SF) VAP-C01E-19 VDH-DSS Shellfish Condemnation Notice 015-022D, 4/25/2003.

Sources: Source Unknown

TMDL Watershed Name: **Prentice Creek (22D)**

TMDL Group ID: **00233**

VAP-C01E_PNT03A02	Prentice Creek	NORTHUMBERLAND CO	Described in the condemnation notice 015-022E, 4/25/2003. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00233	**1998**	**2010**	00233 (SF) VAP-C01E-09 VDH-DSS Shellfish Condemnation Notice 015-022E, 4/25/2003.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pungoteague Creek and tributaries**

TMDL Group ID: **76013**

VAT-C12E_PUN01A06 **Pungoteague Creek - Upper** ACCOMACK CO

Located west of Town of Melfa. Upper portion of Pungoteague Cr. from headwaters to confluence with Taylor Creek (RM 2.4), and lower portion of Warehouse Prong. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 B.

VA Overall AU Category: **5A**

Use	Impairment	0.29 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		76013	**2006**	**2018**	The Recreation Use is impaired based on exceedance of the Enterococcus bacteria criteria (2 violates / 15 obs.). The Widlife and Recreation Use assessemnt is based on data from the downstream station @ 7-PUN002.12.

Sources: Source Unknown

VAT-C12E_PUN02A06 **Pungoteague Creek - Lower** ACCOMACK CO

Located west of Town of Melfa. Lower portion of Pungoteague Cr. from confluence with Taylor Creek (RM 2.4) downstream to mouth. Portion of CBP segment CB7PH. OPEN DSS shellfish direct harvesting condemnation # 081-119.

VA Overall AU Category: **5A**

Use	Impairment	1.35 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		76013	**2006**	**2018**	The Recreation Use is impaired based on exceedance of the Enterococcus bacteria criteria (2 violates / 15 obs.). The Widlife and Recreation Use assessemnt is based on data from the downstream station @ 7-PUN002.12.

Sources: Source Unknown

VAT-C12E_TAY01A06 **Taylor Creek** ACCOMACK CO

Located southwest of Harborton. From headwaters to confluence with Pungoteague Cr. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 C.

VA Overall AU Category: **5A**

Use	Impairment	0.16 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		76013	**2006**	**2018**	The Recreation Use is impaired based on exceedance of the Enterococcus bacteria criteria (2 violates / 15 obs.). The Widlife and Recreation Use assessemnt is based on data from the downstream station @ 7-PUN002.12.

Sources: Source Unknown

VAT-C12E_WRP01A06 **Warehouse Prong - Upper** ACCOMACK CO

Located north of Bobtown and east of Boggs Wharf. Upper portion, from headwaters to confluence with UT. Portion of CBP segment CB7PH. DSS (ADMINISTRATIVE) shellfish condemnation # 081-119D.

VA Overall AU Category: **5A**

Use	Impairment	0.04 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		76013	**2006**	**2018**	The Recreation Use is impaired based on exceedance of the Enterococcus bacteria criteria (2 violates / 15 obs.). The Widlife and Recreation Use assessemnt is based on data from the downstream station @ 7-PUN002.12.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Pungoteague Creek and tributaries**

TMDL Group ID: **76013**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-C12E_WRP02A06	**Warehouse Prong - Lower**	ACCOMACK CO	Located north of Bobtown and east of Boggs Wharf. Lower portion, from confluence with UT downstream to confluence with Pungoteague Cr. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 B.

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		76013	**2006**	**2018**	The Recreation Use is impaired based on exceedance of the Enterococcus bacteria criteria (2 violates / 15 obs.). The Widlife and Recreation Use assessemnt is based on data from the downstream station @ 7-PUN002.12.

Sources: Source Unknown

TMDL Watershed Name: **Pungoteague Creek, Upper**

TMDL Group ID: **00303**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-C12E_PUN01A06	**Pungoteague Creek - Upper**	ACCOMACK CO	Located west of Town of Melfa. Upper portion of Pungoteague Cr. from headwaters to confluence with Taylor Creek (RM 2.4), and lower portion of Warehouse Prong. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 B.

VA Overall AU Category: **5A**

Use	Impairment	0.29 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00303	**1998**	**2010**	DSS shellfish condemnation # 081-119 B. The Recreation Use is impaired based on exceedance of the Enterococcus bacteria criteria (2 violates / 15 obs.). The Widlife and Recreation Use assessemnt is based on data from the downstream station @ 7-PUN002.12.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-C12E_WRP02A06	**Warehouse Prong - Lower**	ACCOMACK CO	Located north of Bobtown and east of Boggs Wharf. Lower portion, from confluence with UT downstream to confluence with Pungoteague Cr. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 B.

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00303	**1998**	**2010**	DSS shellfish condemnation # 081-119 B. The Recreation Use is impaired based on exceedance of the Enterococcus bacteria criteria (2 violates / 15 obs.). The Widlife and Recreation Use assessemnt is based on data from the downstream station @ 7-PUN002.12.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Put In Creek**

TMDL Group ID: **01014**

VAP-C04E_PUT01A98	**Put In Creek**	MATHEWS CO	Described in the condemnation notice 041-005A, 9/15/2004. Size adjusted in 2006 cycle, although area did not change. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.13 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01014	**1998**	**2010**	VAP-C04E-14 VDH-DSS SFC Number 041-005A, 9/15/2004

Sources: Source Unknown

TMDL Watershed Name: **Queens Creek**

TMDL Group ID: **01015**

VAP-C04E_QUE01A98	**Queens Creek**	MATHEWS CO	Described in the condemnation notice 037-099A, 4/28/2004. Size reduced in 2006 cycle. PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.23 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01015	**1998**	**2010**	VAP-C04E-01 VDH-DSS SFC Number 037-099A, 4/28/2004 The segment was assessed as impaired in 2004 based on VDH-DSS Shellfish Condemnation 099A, 2/1/2001. During the 2006 cycle, the SFC was reissued on 4/28/2004 and the closed area was shortened and split into two portions (A - 0.23 mi2 and B - 0.02 mi2) which remain closed.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Queens Creek**

TMDL Group ID: **01015**

VAP-C04E_QUE01B06	Queens Creek	MATHEWS CO	Described in the condemnation notice 037-099B, 4/28/2004. Segment split from VAP-C04E_QUE01A98 in 2006 PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01015	**1998**	**2010**	VAP-C04E-01 VDH-DSS SFC Number 037-099B, 4/28/2004 The segment was assessed as impaired in 2004 based on VDH-DSS Shellfish Condemnation 099A, 2/1/2001. During the 2006 cycle, the SFC was reissued on 4/28/2004 and the closed area was shortened and split into two portions (A - 0.23 mi2 and B - 0.02 mi2) which remain closed.

Sources: Source Unknown

TMDL Watershed Name: **Quinby Harbor - Upshur Bay**

TMDL Group ID: **76024**

VAT-D04E_UPS01A06	Quinby Harbor-Upshur Bay	ACCOMACK CO	Located east of Quinby. Segment around area at mouth of Quinby Harbor. DSS shellfish seasonal condemnation # 096-218.

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		76024	**2006**	**2018**	The Aquatic Life use is impaired due to dissolved oxygen concentrations (2 violates / 9 obs.) below the criteria minimum (4.0 mg/l). This assessment unit is added for 2006 IR TMDL ID VAT-D04E-03.

Sources: Source Unknown

TMDL Watershed Name: **Red Bank Creek**

TMDL Group ID: **01467**

VAT-D04R_RBC01A04	Red Bank Creek	NORTHAMPTON CO	Southeast of Marionville. Segment from headwaters downstream to end of tidal waters.

VA Overall AU Category: **5A**

Use	Impairment	1.22 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Fecal Coliform**		01467	**2004**	**2016**	The Recreatiion Use is impaired due to exceedance (2 violates / 3 obs.) of the instaneous criteria for fecal coliform.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Red Bank Creek**

TMDL Group ID: **76025**

VAT-D04E_RBC01A04 **Red Bank Creek - Upper** NORTHAMPTON CO

Tributary to Hog Island Bay. Southeast of Marionville, near Brick House Neck. Segment from end of tidal waters downstream to confluence of UT (XDF). DSS shellfish condemnation # 095-192.

VA Overall AU Category: **5A**

Use	Impairment	0.00 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		76025	**2006**	**2018**	DSS shellfish condemnation # 095-192. Effective 2004-12-17. Added 2006 IR.

Sources: Source Unknown

VAT-D04E_RBC02A06 **Red Bank Creek - Middle** NORTHAMPTON CO

Tributary to Hog Island Bay. Southeast of Marionville, near Brick House Neck. Segment from UT (XDF) confluence downstream to end of DSS shellfish condemnation # 095-192.

VA Overall AU Category: **5B**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		76025	**2006**	**2018**	DSS shellfish condemnation # 095-192. Effective 2004-12-17. Added 2006 IR.

Sources: Source Unknown

TMDL Watershed Name: **Red Bank Creek, Unnamed Tributary**

TMDL Group ID: **01466**

VAT-D04E_XDF01A04 **Unnamed tributary to Red Bank Creek.** NORTHAMPTON CO

Tributary to Red Bank Creek. Southeast of Marionville, near Brick House Neck. Segment from first branching of creek (RM 0.3) downstream to confluence with Red Bank Creek. DSS shellfish harvesting condemnation # 095-192.

VA Overall AU Category: **5A**

Use	Impairment	0.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01466	**2004**	**2016**	The Aquatic Life use is impaired due to dissolved oxygen concentrations (2 violates / 5 obs.) below the criteria minimum (4.0 mg/l).

Sources: Source Unknown

TMDL Group ID: **76026**

VAT-D04E_XDF01A04 **Unnamed tributary to Red Bank Creek.** NORTHAMPTON CO

Tributary to Red Bank Creek. Southeast of Marionville, near Brick House Neck. Segment from first branching of creek (RM 0.3) downstream to confluence with Red Bank Creek. DSS shellfish harvesting condemnation # 095-192.

VA Overall AU Category: **5A**

Use	Impairment	0.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		76026	**2006**	**2018**	The Shellfishing Use is impaired due to the DSS shellfish harvesting condemnation # 095-192. Effective 2004-12-17. Added for 2006 IR.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Red Bank Creek, Upper**

TMDL Group ID: **01465**

VAT-D04E_RBC01A04	Red Bank Creek - Upper	NORTHAMPTON CO	Tributary to Hog Island Bay. Southeast of Marionville, near Brick House Neck. Segment from end of tidal waters downstream to confluence of UT (XDF). DSS shellfish condemnation # 095-192.

VA Overall AU Category: **5A**

Use	Impairment	0.00 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01465	**2004**	**2016**	The Aquatic Life use is impaired (2 violates / 5 obs.) due to dissolved oxygen concentrations below the criteria minimum (4.0 mg/l).

Sources: Source Unknown

TMDL Watershed Name: **Roberts Creek - Poquoson River**

TMDL Group ID: **01748**

VAT-C07E_ROB01A04	Roberts Creek - Poquoson River	POQUOSON CITY CITY	South shore trib to Poquoson R. South of Dare area. DSS Shellfish condemnation # 053-137 F. CBP Segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.11 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01748	**2006**	**2010**	DSS Shellfish condemnation # 053-137 F.

Sources: Source Unknown

TMDL Watershed Name: **Ross Branch**

TMDL Group ID: **01463**

VAT-D03R_RSS01A02	Ross Branch	ACCOMACK CO	Tributary to Folly Creek. Riverine section of Ross Branch, segment begins at headwaters extending downstream to start of tidal waters. Located south of Accomac.

VA Overall AU Category: **5A**

Use	Impairment	3.08 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Benthic-Macroinvertebrate Bioassessments (Streams)**		01463	**2002**	**2014**	DEQ Streams Benthic-Macroinvertebrate Bioassessments using Regional Reference method. The Aquatic Life Use is impaired due to impacts to the stream's benthic population. Benthic population impacts were recorded at the following sample events: 7-RSS001.40 - moderately impaired [MI:S-'00,F-'00,S-'02,F-'02].

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Sandy Bottom Branch**

TMDL Group ID: **00423**

VAT-C10R_SBB01A00	Sandy Bottom Branch	ACCOMACK CO	Located southwest of Makemie Park area. Entire Sandy Bottom Branch downstream to confluence with Holdens Creek.

VA Overall AU Category: **5A**

Use	Impairment (1.24 MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Benthic-Macroinvertebrate Bioassessments (Streams)**	00423	**2004**	**2010**	The Aquatic Life Use is impaired due to impacts to the stream's benthic population and exceedance of the freshwater acute criteria for copper. Assessment is based on biological benthic monitoring noting SI (F-'00,S-'01,F-'01,S-'02,F-'02] at DEQ (BIO) station @ 7-SBB000.17. impairment not proposed for delisting since biological results have not provided a Full Support rating.

Sources: Source Unknown

TMDL Group ID: **00424**

VAT-C10R_SBB01A00	Sandy Bottom Branch	ACCOMACK CO	Located southwest of Makemie Park area. Entire Sandy Bottom Branch downstream to confluence with Holdens Creek.

VA Overall AU Category: **5A**

Use	Impairment (1.24 MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Escherichia coli**	00424	**2006**	**2016**	The Recreatiion Use is impaired due to exceedance of the criteria for Ecoli bacteria (4 violates / 16 obs.). The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Ecoli criteria impairment since threshold of 12 observations reached, with TMDL due date same as original FC impairment.

Sources: Source Unknown

TMDL Group ID: **01301**

VAT-C10R_SBB01A00	Sandy Bottom Branch	ACCOMACK CO	Located southwest of Makemie Park area. Entire Sandy Bottom Branch downstream to confluence with Holdens Creek.

VA Overall AU Category: **5A**

Use	Impairment (1.24 MILES)	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Copper**	01301	**2002**	**2010**	The Aquatic Life Use is impaired due to impacts to the stream's benthic population and exceedance of the freshwater acute criteria for copper. Freshwater acute criteria for copper exceeded in monitoring @ 7-SBB000.17 (2 violates / 5 obs., during 2000 & 2001).

Sources: Industrial Point Source Discharge
Source Unknown

Use	Impairment	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Wildlife	**Copper**	01301	**2002**	**2010**	The Wildlife Use is impaired due to exceedance of the freshwater acute criteria for copper. Freshwater acute criteria for copper exceeded in monitoring @ 7-SBB000.17 (2 violates / 5 obs., during 2000 & 2001).

Sources: Industrial Point Source Discharge
Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Sandy Bottom Branch, Unnamed Tributary**

TMDL Group ID: **00425**

VAT-C10R_XAZ01A00	Unnamed trib to Sandy Bottom Branch	ACCOMACK CO	Located south of Makemie Park area. Portion of unnamed trib. originating at outfall 001 of VPDES VA0004049 downstream to confluence with Sandy Bottom Branch (@ Rt 693 crossing).

VA Overall AU Category: **5A**

Use	Impairment	1.65 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Fecal Coliform**		00425	**2004**	**2010**	The Recreatiion Use impairment previously reported is retained because monitoring for the current data cycle exhibits Observed Effects based on insufficient exceedances of the criteria for Fecal Coliform bacteria in a small dataset (1 violates / 9 obs.), and are insufficent to confirm improvement. Although nine observations for Fecal Coliform bacteria are reported during this data period, results do not confirm a reduction in bacteria levels (1 violates / 9 obs.), and there are insufficient number of obs. for Ecoli (0 violates / 4 obs.) to replace the previous Fecal Coliform bacteria criteria. The previous impairment assessment (indicating elevated levels of Fecal Coliform bacteria for the 1996 303d report) is retained resulting in an impaired assessment. Assessment is retained until sufficient data for re-evaluation is acquired.

Sources: Source Unknown

TMDL Group ID: **00426**

VAT-C10R_XAZ01A00	Unnamed trib to Sandy Bottom Branch	ACCOMACK CO	Located south of Makemie Park area. Portion of unnamed trib. originating at outfall 001 of VPDES VA0004049 downstream to confluence with Sandy Bottom Branch (@ Rt 693 crossing).

VA Overall AU Category: **5A**

Use	Impairment	1.65 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Benthic-Macroinvertebrate Bioassessments (Streams)**		00426	**1996**	**2010**	The Aquatic Life Use is impaired due to impacts to the stream's benthic population and exceedance of the freshwater acute criteria for copper. Assessment is based on biological benthic monitoring noting MI (F-'01,S-'02,F-'02] at DEQ (BIO) station @ 7-SBB000.17.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Severn River, Northwest Branch**

TMDL Group ID: **01024**

VAP-C06E_SEN01A02	Northwest Branch Severn River	GLOUCESTER CO	Described in the condemnation notice 044-093A, 4/16/2004. Size reduced in 2006 cycle. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.33 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01024	**1998**	**2010**	VAP-C06E-01 VDH-DSS Shellfish Condemnation 044-093A, 4/16/2004 During the 2004 cycle, this segment was reduced in the 4/16/2004 condemnation.
		Sources: Source Unknown				

TMDL Group ID: **01027**

VAP-C06R_SEN01A00	Northwest Branch Severn River	GLOUCESTER CO	From its headwaters to the extent of tide.

VA Overall AU Category: **5A**

Use	Impairment	3.10 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Chloride**		01027	**2004**	**2016**	
		Sources: Source Unknown				
Wildlife	**Chloride**		01027	**2004**	**2016**	
		Sources: Source Unknown				

TMDL Group ID: **01036**

VAP-C06R_SEN01A00	Northwest Branch Severn River	GLOUCESTER CO	From its headwaters to the extent of tide.

VA Overall AU Category: **5A**

Use	Impairment	3.10 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Fecal Coliform**		01036	**2002**	**2014**	
		Sources: Source Unknown				

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Starling Creek - Upper**

TMDL Group ID: **01236**

VAT-C10E_STR01A06	Starling Creek - Upper	ACCOMACK CO	Northwest shore of Saxis Island area. Upper portion of creek, from end of tidal waters downstream to end of DSS condemnation. Portion of CBP segment POCMH. DSS shellfish condemnation # 075-118 A.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01236	**1998**	**2010**	DSS shellfish condemnation # 075-118 A.

Sources: Source Unknown

TMDL Watershed Name: **Stutts Creek**

TMDL Group ID: **01016**

VAP-C04E_STT01A98	Stutts Creek	MATHEWS CO	Described in the condemnation notice 037-061A, 7/15/2004. Segment shortened in 2006 cycle. PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01016	**1998**	**2010**	VAP-C04E-05 VDH-DSS Shellfish Condemnation 037-061A, 7/15/2004. Size reduced in 2006 cycle.

Sources: Source Unknown

TMDL Watershed Name: **Swan Gut Creek**

TMDL Group ID: **01249**

VAT-D01E_SGT01A04	Swan Gut Creek	ACCOMACK CO	From Virginia/Maryland state line downstream to mouth (confluence with Chincoteague Bay). DSS comdemnation # 100-097.

VA Overall AU Category: **5A**

Use	Impairment	0.13 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01249	**2004**	**2010**	

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Swan Gut Creek**

TMDL Group ID: **01456**

VAT-D01E_SGT01A04	**Swan Gut Creek**	ACCOMACK CO	From Virginia/Maryland state line downstream to mouth (confluence with Chincoteague Bay). DSS comdemnation # 100-097.

VA Overall AU Category: **5A**

Use	Impairment	0.13 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Oxygen, Dissolved**		01456	**2004**	**2016**	The Aquatic Life use is impaired due to dissolved oxygen concentrations (3 violates / 15 obs.) below the criteria minimum.

Sources: Source Unknown

TMDL Group ID: **76017**

VAT-D01E_SGT01A04	**Swan Gut Creek**	ACCOMACK CO	From Virginia/Maryland state line downstream to mouth (confluence with Chincoteague Bay). DSS comdemnation # 100-097.

VA Overall AU Category: **5A**

Use	Impairment	0.13 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		76017	**2006**	**2018**	Exceeding criteria (2 violates / 3 obs.) for Enterococcus bacteria.

Sources: Source Unknown

TMDL Watershed Name: **Tabbs Creek**

TMDL Group ID: **00971**

VAP-C01E_TBS01A98	**Tabbs Creek**	LANCASTER CO	Described in the condemnation notice 016-133, 12/6/2002. Size reduced in 2004 cycle. CB5MH

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00971	**1998**	**2010**	VAP-C01E-27 VDH-DSS Shellfish Condemnation Notice 133, 12/6/2002

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Tabbs Creek**

TMDL Group ID: **01218**

VAT-C07E_TBC01A04	Tabbs Creek - Back River	POQUOSON CITY CITY	Tributary to Northwest Branch Back River. Portion of DSS shellfish condemnation # 054-021D. CBP segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01218	**2006**	**2010**	Portion of DSS shellfish condemnation # 054-021D.

Sources: Source Unknown

TMDL Watershed Name: **Taylor Creek**

TMDL Group ID: **01451**

VAT-C12R_TAY01A04	Taylor Creek	ACCOMACK CO	Located east of Town of Pungoteague. From point where stream forks downstream to confluence of UT below Rt 178.

VA Overall AU Category: **5A**

Use	Impairment	0.85 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	**Benthic-Macroinvertebrate Bioassessments (Streams)**		01451	**2004**	**2016**	The Aquatic Life Use is impaired due to impacts to the stream's benthic population. Assessment is based on biological benthic monitoring noting MI (F-'01,S-'02,F-'02] at DEQ (BIO) station @ 7-TAY003.11.

Sources: Source Unknown

TMDL Group ID: **01469**

VAT-D05R_TAL01A02	Taylor Creek	NORTHAMPTON CO	Located northeast of Simpkins. Segment from Penn Central RR crossing downstream to impoundment 0.1 mi. downstream of station.

VA Overall AU Category: **5A**

Use	Impairment	1.75 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Fecal Coliform**		01469	**2002**	**2014**	The Recreatiion Use is impaired due to exceedance of the criteria (9 violates / 22 obs.) for Fecal Coliform bacteria. No data for Ecoli in 2006 IR data window.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Taylor Creek**

TMDL Group ID: **01783**

VAT-C12E_TAY01A06	Taylor Creek	ACCOMACK CO	Located southwest of Harborton. From headwaters to confluence with Pungoteague Cr. Portion of CBP segment CB7PH. Portion of DSS shellfish condemnation # 081-119 C.

VA Overall AU Category: **5A**

Use	Impairment	0.16 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01783	**1998**	**2010**	DSS shellfish condemnation # 081-119 C. The Recreation Use is impaired based on exceedance of the Enterococcus bacteria criteria (2 violates / 15 obs.). The Widlife and Recreation Use assessemnt is based on data from the downstream station @ 7-PUN002.12.

Sources: Source Unknown

TMDL Group ID: **76015**

VAT-C12R_TAY01A04	Taylor Creek	ACCOMACK CO	Located east of Town of Pungoteague. From point where stream forks downstream to confluence of UT below Rt 178.

VA Overall AU Category: **5A**

Use	Impairment	0.85 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Escherichia coli**		76015	**2006**	**2018**	The Recreatiion Use is impaired due to exceedance of the criteria for Ecoli bacteria (2 violates / 10 obs.) and exhibits Observed Effects due to insufficient exceedances within a small dataset (1 violate / 7 obs) for the Ecoli bactreia criteria..

Sources: Source Unknown

TMDL Watershed Name: **Thalia Creek**

TMDL Group ID: **00417**

VAT-C08E_THA01A02	Thalia Creek/Thurston Branch	VIRGINIA BEACH CITY	Beginning of Thalia Creek (includes Thurston Branch) from headwaters downstream to Western Br. Lynnhaven R. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, _LYN01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.16 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		00417	**2006**	**2010**	The Recreation Use is impaired due to exceedances (14 violates / 15 obs.) of the criteria for Enterococcus bacteria. The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment, with the same TMDL due date as the FC impairment, since the threshold of 12 observations has been reached.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Thalia Creek**

TMDL Group ID: **01226**

VAT-C08E_THA01A02	**Thalia Creek/Thurston Branch**	VIRGINIA BEACH CITY	Beginning of Thalia Creek (includes Thurston Branch) from headwaters downstream to Western Br. Lynnhaven R. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, _LYN01A00).

VA Overall AU Category: **5D**

Use	Impairment	0.16 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01226	**1998**	**2004**	Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.

Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)
Municipal (Urbanized High Density Area)
Natural Sources
Non-Point Source
On-site Treatment Systems (Septic Systems and Similar Decencentralized Systems)

TMDL Watershed Name: **The Gulf, Upper**

TMDL Group ID: **01242**

VAT-C14E_THG01A06	**The Gulf - Upper**	NORTHAMPTON CO	From end of tidal waters downstream to narrowing 0.45 mi. from mouth. Portion of CBP segment CB7PH. DSS shellfish condemnation # 087-174.

VA Overall AU Category: **5A**

Use	Impairment	0.17 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01242	**1998**	**2010**	DSS shellfish condemnation # 085-199 A.

Sources: Source Unknown

TMDL Watershed Name: **Thorntons Creek**

TMDL Group ID: **01025**

VAP-C06E_THC01A98	**Thorntons Creek**	GLOUCESTER CO	Described in the condemnation notice 044-054B, 4/16/2004. Size increased in 2006 cycle. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.07 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01025	**1998**	**2010**	VAP-C06E-05 VDH DSS Shellfish Condemnation 044-054B, 4/16/2004

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Tipers Creek**

TMDL Group ID: **00972**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAP-C01E_TIP01A98	**Tipers Creek**	NORTHUMBERLAND CO	Described in the condemnation notice 013-089C, 4/16/2004. Area expanded in 2006 cycle, CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.14 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00972	**1998**	**2010**	00972 (SF) VAP-C01E-03 VDH-DSS Shellfish Condemnation Notice 013-89C, 4/16/2004. Area expanded in the 2006 cycle.

Sources: Source Unknown

TMDL Watershed Name: **Underhill Creek**

TMDL Group ID: **76014**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-C12E_UNR01A06	**Underhill Creek**	ACCOMACK CO	In area of Mount Nebo. North shore tributary to Pungoteague Cr. Portion of CBP segment CB7PH. DSS shellfish condemnation # 081-119 A. Effective 2004-10-13.

VA Overall AU Category: **5A**

Use	Impairment	0.09 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		76014	**2006**	**2018**	DSS shellfish condemnation # 081-119 A. Effective 2004-10-13.

Sources: Source Unknown

TMDL Watershed Name: **Unsegmented embayments in C10E-POCOH**

TMDL Group ID: **76118**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-C10E_ZZZ04A06	**Unsegmented embayments in C10E-POCOH**	ACCOMACK CO	Evaluated non segmented portions of C10E. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment	1.22 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		76118	**1998**	**2010**	Portion of DSS shellfish condemnation # 075-033.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Unsegmented embayments in C10E-POCOH**

TMDL Group ID: **76118**

VAT-C10E_ZZZ04C06 **Unsegmented tributaries in C10E-POCOH** ACCOMACK CO

Evaluated non segmented portions of C10E. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment	0.00 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		76118	**1998**	**2010**	Portion of DSS shellfish condemnation # 075-033.

Sources: Source Unknown

TMDL Watershed Name: **Unsegmented Pocomoke Sound/Pitts Creek in POCOH**

TMDL Group ID: **01230**

VAT-C09E_PTT01A06 **Pitts Creek** ACCOMACK CO

Located northeast of Pitts Neck area, along VA/MD border. From VA/MD state line downstream to mouth (confluence with Pocomoke River) within VA. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment	0.36 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01230	**1998**	**2010**	Portion of DSS shellfish condemnation # 075-033.

Sources: Source Unknown

VAT-C09E_ZZZ01A06 **Unsegmented tidal tributaries in C09E-POCOH** ACCOMACK CO

Evaluated non segmented portions of C09E. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment	0.02 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01230	**1998**	**2010**	Portion of DSS shellfish condemnation # 075-033.

Sources: Source Unknown

VAT-C09E_ZZZ02A06 **Unsegmented Pocomoke Sound in POCOH** ACCOMACK CO

Evaluated non segmented portions of C09E. Portion of CBP segment POCOH. Portion of DSS shellfish direct harvesting condemnation # 075-033.

VA Overall AU Category: **5A**

Use	Impairment	0.74 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01230	**1998**	**2010**	Portion of DSS shellfish condemnation # 075-033.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Vaughans Creek**

TMDL Group ID: **01026**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAP-C06E_VGH01A98	**Vaughans Creek**	GLOUCESTER CO	Described in the condemnation notice 044-093B, 4/16/2004. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.12 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01026	**1998**	**2010**	VAP-C06E-01 VDH-DSS Shellfish Condemnation 044-093B, 4/16/2004 During the 2004 cycle, this segment was included within the NW Branch Severn River condemnation. During the 2006 cycle, the impairment contracted in the 4/16/2004 condemnation and the segment was split into two separate segments. The following segments remain impaired: NW Branch Severn River: 004-093A, 0.33 sq. mi Vaughans Creek: 004-093B, 0.12 sq. mi.

Sources: Source Unknown

TMDL Watershed Name: **Wallace Creek**

TMDL Group ID: **01220**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAT-C07E_WAL02A06	**Wallace Creek - Lower (Back River)**	HAMPTON CITY	Tributary to south shore Back River, east of Harris R & adjacent to Inlet #2. DSS shellfish condemnation # 054-215 C. CBP segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.06 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01220	**2006**	**2010**	DSS shellfish condemnation # 054-215 C.

Sources: Source Unknown

TMDL Watershed Name: **Ware River**

TMDL Group ID: **01018**

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description
VAP-C05E_WAR01A02	**Ware River**	GLOUCESTER CO	Described in the condemnation notice 043-096A, 7/6/2004. Size increased in 2006 cycle. MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.81 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01018	**1998**	**2010**	VAP-C05E-01 VDH-DSS Shellfish Condemnation 043-096A, 7/6/2004

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Warehouse Creek**

TMDL Group ID: **00974**

VAP-C01E_WRH01A98	**Warehouse Creek**	NORTHUMBERLAND CO	Described in the condemnation notice 013-089G, 4/16/2004. Area expanded for the 2006 cycle. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00974	**1998**	**2010**	00974 (SF) VAP-C01E-06 VDH-DSS Shellfish Condemnation Notice 013-089G, 4/16/2004. Area expanded for the 2006 cycle.

Sources: Source Unknown

TMDL Group ID: **01240**

VAT-C13E_WHC02A06	**Warehouse Creek - Middle**	NORTHAMPTON CO	Including northern fork and continuing downstream to bend near Wellington Neck. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-110 D.

VA Overall AU Category: **5A**

Use	Impairment	0.15 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01240	**1998**	**2010**	DSS shellfish condemnation # 085-199 A.

Sources: Source Unknown

TMDL Watershed Name: **Watts Creek - (NW Br. Back River)**

TMDL Group ID: **76115**

VAT-C07E_WAT01A06	**Watts Creek - (NW Br. Back River)**	POQUOSON CITY CITY	Located southwest of Poquoson. Watts Cr. trib to Northwest Br. of Back R. Portion of DSS condemnation # 054-021B. CBP segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		76115	**2006**	**2010**	DSS shellfish condemnation # 054-215 C.

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **West Neck Creek, Upper**

TMDL Group ID: **00190**

VAT-C08E_WNC01A00	West Neck Creek (Upper) to London Bridge Creek	VIRGINIA BEACH CITY	From Princess Anne Rd. crossing downstream to junction with London Bridge Cr. at Shipps Corner area. Segment has been determined by USGS to drain to C08E (Lynnhaven River). Portion of CBP segment LYNPH. No DSS shellfish direct harvesting condemnation.

VA Overall AU Category: **5D**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	**Enterococcus**		00190	**2006**	**2005**	Category 4A. EPA approved 9/27/2005. The Recreation Use is impaired due to exceedance (10 violates / 15 obs.) of the criteria for Enterococcus bacteria. The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment, with the same TMDL due date as the FC impairment, since the threshold of 12 observations has been reached.

Sources: Source Unknown

TMDL Watershed Name: **Westerhouse Creek - North Branch (Part A)**

TMDL Group ID: **00436**

VAT-C14E_WHS01A06	Westerhouse Creek - North Branch (Part A)	NORTHAMPTON CO	In Church Neck area, west of Bridgetown. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-199 A.

VA Overall AU Category: **5A**

Use	Impairment	0.03 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00436	**1998**	**2010**	DSS shellfish condemnation # 085-199 A.

Sources: Source Unknown

TMDL Watershed Name: **Westerhouse Creek - South Branch (Part B)**

TMDL Group ID: **00439**

VAT-C14E_WHS02A06	Westerhouse Creek - South Branch (Part B)	NORTHAMPTON CO	In Church Neck area, west of Bridgetown. Portion of CBP segment CB7PH. DSS shellfish condemnation # 085-199 B.

VA Overall AU Category: **5A**

Use	Impairment	0.05 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00439	**1998**	**2010**	DSS shellfish condemnation # 085-199 A.

Sources: Source Unknown

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Whays Creek**

TMDL Group ID: **00973**

VAP-C01E_WHY01A98	**Whays Creek**	NORTHUMBERLAND CO	Described in the condemnation notice 013-089F, 4/16/2004. Area expanded for the 2006 cycle. CB5MH.

VA Overall AU Category: **5A**

Use	Impairment	0.14 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00973	**1998**	**2010**	00973 (SF) VAP-C01E-05 VDH-DSS Shellfish Condemnation Notice 013-089F, 4/16/2004. Area expanded for the 2006 cycle.

Sources: Source Unknown

TMDL Watershed Name: **White House Cove - Upper**

TMDL Group ID: **01750**

VAT-C07E_WHH01A06	**White House Cove - Upper**	POQUOSON CITY CITY	Located in York Haven Anchorage area, south of mouth of Poquoson R, area of DSS Shellfish condemnation # 053-137 H. CBP segment MOBPH.

VA Overall AU Category: **5A**

Use	Impairment	0.10 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01750	**2006**	**2010**	DSS Shellfish condemnation # 053-137 H.

Sources: Source Unknown

TMDL Watershed Name: **Wilson Creek**

TMDL Group ID: **01019**

VAP-C05E_WIL01A98	**Wilson Creek**	GLOUCESTER CO	Described in the condemnation notice 043-096B, 7/6/2004. Segment expanded in 2006 cycle MOBPH

VA Overall AU Category: **5A**

Use	Impairment	0.34 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01019	**1998**	**2010**	VAP-C05E-02 VDH Shellfish Condemnation 043-096B, 7/6/2004

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Wilton Creek**

TMDL Group ID: **00193**

VAP-C03E_WLT01A98	Wilton Creek	MIDDLESEX CO	Described in the condemnation notice 126, 3/2/1993.

PIAMH.

VA Overall AU Category: **5D**

Use	Impairment	0.13 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00193	**1998**	**2005**	Cat 4A for Shellfish. 00193 (SF) VAP-C03E-05 VDH-DSS SFC Notice 126, 3/2/1993. This segment was originally listed in 1998 as not supporting for the Shellfish Use based on VDH-DSS Shellfish Condemnation 126, 3/2/1993. Piankatank River, Lower Watershed TMDL Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination was completed and EPA approved on 11/15/2005. However, the EPA TMDL ID was not available for the 2006 cycle, therefore this segment will be assessed as Cat 4A.

Sources: Non-Point Source

TMDL Watershed Name: **Winder Creek**

TMDL Group ID: **01007**

VAP-C04E_MID01A02	Winder Creek	MATHEWS CO	As described in the condemnation notice 037-099C, 4/28/2004.

PIAMH

VA Overall AU Category: **5A**

Use	Impairment	0.01 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		01007	**2002**	**2014**	VAP-C04E-25 VDH-DSS Shellfish Condemnation 037-099C, 4/28/2004

Sources: Source Unknown

Appendix A - List of Impaired (Category 5) Waters in 2006*

Assessment Unit ID	Waterbody Name	City / County	Assessment Unit Description

Chesapeake Bay/Atlantic/Small Coastal Basins

TMDL Watershed Name: **Winter Harbor**

TMDL Group ID: **10117**

VAP-C04E_WIN01A06	**Winter Harbor**	MATHEWS CO	Described in the condemnation notice 038-178A, 4/29/2004. CB6PH

VA Overall AU Category: **5A**

Use	Impairment	0.11 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		10117	**2006**	**2018**	VAP-C04E-16 VDH Shellfish Condemnation 038-178A, 4/29/2004

Sources: Source Unknown

TMDL Watershed Name: **Womans Bay - Southern Portion**

TMDL Group ID: **76560**

VAT-D02E_WMB02A06	**Womans Bay - Southern Portion**	ACCOMACK CO	Southeast of Persimmon Point, at the mouth of Assawoman Creek. DSS shellfish condemnation # 099-135A (Effective date 2004-12-30).

VA Overall AU Category: **5B**

Use	Impairment	0.08 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		76560	**2006**	**2018**	Added to DSS shellfish condemnation # 099-135A for 2006 IR. Effective date 2004-12-30.

Sources: Source Unknown

TMDL Watershed Name: **Young Creek - Upper**

TMDL Group ID: **00336**

VAT-C10E_YOU01A06	**Young Creek - Upper**	ACCOMACK CO	Northeast of Town of Guilford. Upper portion of creek, from end of tidal waters downstream to end of DSS condemnation. Portion of CBP segment POCMH. DSS shellfish condemnation # 076-176 C.

VA Overall AU Category: **5A**

Use	Impairment	0.13 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	**Fecal Coliform**		00336	**1998**	**2010**	DSS shellfish condemnation # 076-176 C.

Sources: Source Unknown

Note: * Includes Category 4A and 4C Impairments within each Assessment Unit. Assessment Units may extend across jurisdictional boundaries.