

APPENDIX 3 WATERS IDENTIFIED FOR DELISTING SINCE THE 2010 REPORT

Assessment is a process in which impaired and non-impaired waters are systematically identified. This is an iterative process, requiring that waters be investigated on an on-going basis as water quality standards are reviewed/refined, sampling and assessment methods are improved, and management activities are adaptively implemented. Additionally, assessment of water quality must factor in the variability inherent to the natural environment. For instance, poor water quality is often associated with unusually wet weather. A limited dataset for a given water may show violations of water quality standards that are not typical for that water due to unusual weather events, and subsequent monitoring may confirm this. Thus, given the dynamic aspects of both the environment and the assessment process, the revisiting of impaired waters sometimes results in the “delisting” of impairments for 303(d)-listed waters.

There are two types of delistings: partial and full. Waters are listed based on non-attainment of assessed designated uses, with the specific impairments (e.g., dissolved oxygen) broken out individually. A partial delist generally occurs when a water no longer has a specific impairment cause associated with it, but the water is still listed for other impairments. For instance, if a water was originally listed for violations of dissolved oxygen and temperature standards, and recent monitoring indicates this water is now meeting only dissolved oxygen standards, then the water only qualifies for a partial delisting since the aquatic life use is still not attained. Most delistings are partial. A full delist occurs when a water is no longer impaired. If, in the above example, recent monitoring shows the water meets both dissolved oxygen and temperature standards, then it would qualify for a full delist. In the Assessment Database, partial and full delists are distinguished from each other.

Waters can be delisted for multiple reasons. Changes to assessment protocols can result in delistings, as can changes in water quality standards. Shellfish condemnation zones are developed through modeling of bacteria data and other variables, and the boundaries of these zones often change. The shellfishing use for a water that falls in a condemnation zone in the previous cycle can be delisted if it is no longer included in the zone this cycle. Similarly, data at a new monitoring station may indicate that an impairment, such as dissolved oxygen, has a smaller extent than what was assumed in previous assessments, resulting in delisting of dissolved oxygen for one or more segments. More commonly, analysis of recent station data may show little to no exceedences of water quality standards for parameters previously “failing” at that station. The underlying reasons for improved water quality are frequently unknown. In cases where specific management activities are known to have taken place, such as alterations in dam releases, details are provided in the delist rationale. Bacteria is the most common delisted cause.

The following is the list of water-quality limited waters that have full or partial delists for the 2012 assessment.

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Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
Potomac and Shenandoah River Basins			
VAN-A01R_PIA01A00	Piney Run	3.51 Miles	Recreation
Delisting Summary:			
DELIST 2012 - E. coli - A01R-01-BAC, VAN-A01R-01, 00023 (CFL 1998 as fecal coliform)			
During the 2010 cycle, this segment was assessed as not supporting the recreation use because of excursions from the maximum E. coli bacteria criterion (6 of 31 samples - 19.4%) recorded at DEQ's ambient water quality monitoring station 1aPIA001.80 at the Route 671 bridge crossing. Additional bacteria monitoring has been conducted and found that a total of 3 of 29 samples (10.3%) exceed the maximum E. coli bacteria criterion. It has been determined that this segment should be delisted for E. coli based upon an acceptable exceedance rate.			
VAN-A07R_BEC01A00	Beaverdam Creek	6.33 Miles	Recreation
Delisting Summary:			
DELIST 2012 - E. coli - A07R-01-BAC, VAN-A07R-01, 00065 (CFL 1998 - fecal coliform)			
During the 2010 cycle, this segment was assessed as not supporting the recreation use because of excursions from the maximum E. coli bacteria criterion (8 of 26 samples - 30.8%) recorded at DEQ's ambient water quality monitoring station 1aBEC004.76 at the Route 734 bridge. Additional bacteria monitoring has been conducted and found that a total of 2 of 24 samples (8.3%) exceed the maximum E. coli bacteria criterion. It has been determined that this segment should be delisted for E. coli based upon an acceptable exceedance rate.			
VAN-A08R_GOO01A00	Goose Creek	4.76 Miles	Recreation
Delisting Summary:			
PARTIAL DELIST 2012 - E. coli - A08R-01-BAC, 00062 (CFL 2006)			
During the 2010 cycle, this segment was assessed as not supporting the recreation use because of excursions from the maximum E. coli bacteria criterion (6 of 30 samples - 20.0%) recorded at DEQ's ambient water quality monitoring station 1aGOO002.38 at the Route 7 bridge. Additional bacteria monitoring has been conducted and found that a total of 3 of 29 samples (10.3%) exceed the maximum E. coli bacteria criterion. It has been determined that this segment should be delisted for E. coli based upon an acceptable exceedance rate.			
VAN-A08R_GOO03A02	Goose Creek	2.52 Miles	Recreation
Delisting Summary:			
DELIST 2012 - E. coli - A08R-06-BAC, 60011 (CFL 2006)			
During the 2010 cycle, this segment was assessed as not supporting the recreation use because of excursions from the maximum E. coli bacteria criterion (6 of 41 samples - 14.6%) recorded at DEQ's ambient water quality monitoring station 1aGOO011.23 at the Route 621 bridge. Additional bacteria monitoring has been conducted and found that a total of 4 of 39 samples (10.3%) exceed the maximum E. coli bacteria criterion. It has been determined that this segment should be delisted for E. coli based upon an acceptable exceedance rate.			
VAN-A11R_DIF01A00	Difficult Run	2.94 Miles	Recreation
Delisting Summary:			
PARTIAL DELIST 2012 - E. coli - A11R-01-BAC, VAN-A11R-01, 00793 (CFL 2004)			
During the 2010 cycle, this segment was assessed as not supporting the recreation use because of excursions from the maximum E. coli bacteria criterion (4 of 34 samples - 11.8%) recorded at DEQ's ambient water quality monitoring station 1aDIF000.86 at the Route 193 bridge. Additional bacteria monitoring has been conducted and found that a total of 4 of 39 samples (10.3%) exceed the maximum E. coli bacteria criterion. It has been determined that this segment should be delisted for E. coli based upon an acceptable exceedance rate.			

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Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored	
Potomac and Shenandoah River Basins				
VAN-A14E_DOU01A00	Dogue Creek	0.7346 Square Miles	Recreation	
Delisting Summary:				
PARTIAL DELIST 2012 - E. coli - A14E-02-BAC, CB-POTTF, 60031 (CFL 2006 as fecal coliform)				
During the 2010 cycle, this segment was assessed as not supporting the recreation use because of excursions from the maximum E. coli bacteria criterion (4 of 37 samples - 10.8%) recorded at DEQ's ambient water quality monitoring station 1aDOU000.60, across from the Mount Vernon Yacht Club. Additional bacteria monitoring has been conducted and found that a total of 4 of 46 samples (8.7%) exceed the maximum E. coli bacteria criterion. It has been determined that this segment should be delisted for E. coli based upon an acceptable exceedance rate.				
VAN-A14E_LIF01A00	Little Hunting Creek	0.2461 Square Miles	Recreation	
Delisting Summary:				
PARTIAL DELIST 2012 - E. coli - A14E-01-BAC, CB-POTTF, 00798 (CFL 2004 as fecal coliform)				
During the 2010 cycle, this segment was assessed as not supporting the recreation use because of excursions from the maximum E. coli bacteria criterion (4 of 29 samples - 13.8%) recorded at DEQ's ambient water quality monitoring station 1aLIF000.19 at the George Washington Parkway bridge. Additional bacteria monitoring has been conducted and found that a total of 3 of 29 samples (10.3%) exceed the maximum E. coli bacteria criterion. It has been determined that this segment should be delisted for E. coli based upon an acceptable exceedance rate.				
VAN-A15E_POH01A00	Gunston Cove	1.5035 Square Miles	Recreation	
Delisting Summary:				
PARTIAL DELIST 2012 - E. coli - A15E-01-BAC, CB-POTTF (CFL 2008)				
During the 2010 cycle, this segment was assessed as not supporting the recreation use because of excursions from the maximum E. coli bacteria criterion (2 of 12 samples - 16.7%) recorded at DEQ's ambient water quality monitoring station 1aPOH000.21, near channel marker 62. Additional bacteria monitoring has been conducted at DEQ ambient monitoring station 1aPOH000.93, located off Gunston Hall. Results from the samples collected at this station found that 0 of 22 samples (0%) exceed the maximum E. coli bacteria criterion. In pooling all the bacteria data together from both stations, only 1 in 26 (3.8%) samples exceed the maximum E. coli bacteria criterion. It has been determined that this segment should be delisted for E. coli based upon an acceptable exceedance rate.				
VAN-A26R_CHO01A02	Chopawamsic Creek	1.62 Miles	Aquatic Life	Recreation
Delisting Summary:				
DELIST 2012 - pH - A26R-01-PH, 00804, VAN-A26R-01 (CFL 2002)				
During the 2010 cycle, this segment was assessed as not supporting the aquatic life use based off the 2004 listing for pH from data collected at the USGS ambient water quality monitoring station 01660110, which found 10 of 51 samples (19.6%) were below the lower range of the pH water quality criteria. No new USGS data from station 01660110 has been submitted for use in the subsequent assessments. However, pH data collected from DEQ monitoring station 1aCHO003.65, located at the Route 1 bridge crossing found that 2 of 19 samples (10.5%) were below the lower limit of the pH criterion range. It has been determined that this segment should be delisted for pH based upon an acceptable exceedance rate.				
DELIST 2012 - fecal coliform - A26E-02-BAC, 00805, VAN-A26E-02, CB-POTOH (CFL 2004)				
During the 2010 cycle, this segment was assessed as not supporting the recreation use because of excursions of the instantaneous fecal coliform bacteria criterion (4 of 36 samples - 11.1%) recorded at DEQ's ambient water quality monitoring station 1aCHO003.65 at the Route 1 bridge, as reported in the 2004 assessment for segment VAN-A26R_CHO02A00. From 2004 to 2010, station 1aCHO003.65 was incorrectly identified as being located in transitional zone waters. E. coli bacteria data had been collected at this station, however it was not assessed. In 2012, this station was correctly identified as a riverine station, the E. coli data found that 1 of 15 samples (6.7%) exceed the maximum E. coli bacteria criterion. It has been determined that this segment should be delisted for E. coli based upon an acceptable exceedance rate.				

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<i>Potomac and Shenandoah River Basins</i>			
VAN-A26R_LIE01A02	Little Creek	3.78 Miles	Recreation
<i>Delisting Summary:</i> DELIST 2012 - E. coli - A26R-06-BAC, 60071 (CFL 2006)			
During the 2010 cycle, this segment was assessed as not supporting the recreation use because of excursions from the maximum E. coli bacteria criterion (7 of 15 samples - 46.7%) recorded at DEQ's ambient water quality monitoring station 1aLIE000.52 at the Geiger Road bridge. Additional bacteria monitoring has been conducted and found that a total of 1 of 14 samples (7.1%) exceed the maximum E. coli bacteria criterion. It has been determined that this segment should be delisted for E. coli based upon an acceptable exceedance rate.			
VAN-A27R_AUA01A00	Aquia Creek	6.47 Miles	Recreation
<i>Delisting Summary:</i> DELIST 2012 - E. coli - A27R-01-BAC, 00811, VAN-A27R-01 (CFL 2004 as fecal coliform)			
During the 2010 cycle, this segment was assessed as not supporting the recreation use because of excursions from the maximum E. coli bacteria criterion (3 of 27 samples - 11.1%) recorded at DEQ's ambient water quality monitoring station 1aAUA014.51 at the Route 641 bridge. Additional bacteria monitoring has been conducted and found that a total of 2 of 28 samples (7.1%) exceed the maximum E. coli bacteria criterion. It has been determined that this segment should be delisted for E. coli based upon an acceptable exceedance rate.			
VAN-A28E_AUA01B00	Aquia Creek	0.3638 Square Miles	Recreation
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - Enterococcus - A28E-01-BAC, CB-POTOH (CFL 2008)			
During the 2010 cycle, this segment was assessed as not supporting the recreation use because of excursions from the maximum enterococcus bacteria criterion (5 of 38 samples - 13.2%) recorded at DEQ's ambient water quality monitoring station 1aAUA003.71 at the railroad bridge crossing. Additional bacteria monitoring has been conducted and found that a total 4 of 42 samples (9.5%) exceed the maximum enterococcus bacteria criterion. It has been determined that this segment should be delisted for enterococcus based upon an acceptable exceedance rate.			
VAN-A29R_POM01A00	Potomac Creek	2.18 Miles	Aquatic Life
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - DO and pH - A29R-02-DO, A29R-02-PH, VAN-A29R-02 (CFL 2002 and 2004)			
During the 2010 cycle, this segment was assessed as not supporting the aquatic life use because of dissolved oxygen (5 of 17 samples - 29.4%) and pH impairments (2 of 17 samples - 11.8%) at the Route 608 bridge (1aPOM006.72). Additional monitoring has been conducted and found that a total of 0 of 14 samples (0.0%) exceed the dissolved oxygen criteria, and that a total of 0 of 14 samples (0.0%) are below the lower limit of the pH criterion range. It has been determined that this segment should be delisted for dissolved oxygen and pH based upon acceptable exceedance rates for each parameter.			

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Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
Potomac and Shenandoah River Basins			
VAN-A29R_POM03A06	Potomac Creek	3.66 Miles	Recreation
<p>Delisting Summary: DELIST 2012 - E. coli - A29R-04-BAC, 00820 (CFL 2006)</p> <p>During the 2010 cycle, this segment was assessed as not supporting the recreation use because of excursions from the maximum E. coli bacteria criterion (2 of 13 samples - 15.4%) recorded at DEQ's ambient water quality monitoring station 1aPOM012.24 at the Route 627 bridge. Additional bacteria monitoring has been conducted and found that a total 1 of 12 samples (8.3%) exceed the maximum E. coli bacteria criterion. It has been determined that this segment should be delisted for E. coli based upon an acceptable exceedance rate.</p>			
VAN-A30E_UMC05A02	Upper Machodoc Creek	0.6707 Square Miles	Recreation
<p>Delisting Summary: PARTIAL DELIST 2012 - Enterococcus - A30R-02-BAC, 60070, CB-POTMH (CFL 2006)</p> <p>During the 2010 cycle, this segment was assessed as not supporting the recreation use because of excursions from the maximum enterococcus bacteria criterion (4 of 25 samples - 16.0%) recorded at DEQ's ambient water quality monitoring station 1aUMC004.43 at the Route 218 bridge. Additional bacteria monitoring has been conducted and found that a total of 1 of 22 samples (4.5%) exceed the maximum enterococcus bacteria criterion. It has been determined that this segment should be delisted for enterococcus based upon an acceptable exceedance rate.</p>			
VAP-A31E_MON03A98	Monroe Bay	0.2356 Square Miles	Recreation
<p>Delisting Summary: PARTIAL DELIST 2012 - Enterococci - A31E-03-BAC (CFL 2010)</p> <p>During the 2010 cycle, the portion of Monroe Creek within section M1 was assessed as not supporting of the Recreation Use due to an enterococci violation rate of 4/37 at 1AMON000.96, which is located at the end of Route 1156. The violation rate fell to 3/36 during the 2012 cycle, therefore the segment will be delisted.</p>			
VAP-A33E_DRM01A06	Drum Cove	0.0268 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - A33E-06-SF / 10054 / VAP-A33E-06 (CFL 2006)</p> <p>VDH-DSS Condemnation Notice 007-028F, 11/10/2008 - open in 007-028, 11/1/2010</p> <p>The upper portion of Mill Creek was listed as impaired of the Shellfish Consumption Use in the 1998 cycle due to condemnation 007-028E, 5/12/1997. Drum Cove, a small cove further downstream on Mill Creek, became impaired in the 2006 cycle (see 028D, 7/21/2004). The condemnations grew and merged during the 2008 cycle (007-028E, 12/12/2006), however only the original 1998 portion of Mill Creek was included in the Yeocomico River Watershed TMDL Report, which was developed during the 2008 cycle and approved by the EPA on 6/8/2006. Because Drum Cove was initially listed in the 2006 cycle, the TMDL for this expansion is due in 2018. During the 2010 cycle, the segment shortened back into Drum Cove and is under a separate section (007-028F, 11/10/2008). The condemnation was rescinded during the 2012 cycle, therefore Drum Cove will be delisted.</p>			

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Potomac and Shenandoah River Basins			
VAP-A33E_LOG02C12	Lodge Creek	0.0295 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - 0.295 mi² Fecal Coliform - A33E-10-SF / VAP-A33E-10 / 00925 / EPAID 25319 (CFL 1998)</p> <p>A portion of Lodge Creek was assessed as impaired of the Shellfish Use in 1998 due to VDH condemnation 028F, 5/12/1997. During the 2008 cycle the closure was expanded (007-028F, 12/12/2006), however the bacteria TMDL for shellfish impairments in the Yeocomico River Watershed, which was approved by the EPA on 6/8/2006, only addressed the original 1997 portion. This original portion was considered Category 4A for the Shellfish Use. However, during the 2010 cycle, it was determined that the upper portion of the condemnation (007-028E, 11/10/2008) is an administrative closure. Therefore the use was considered removed and the upper portion will be partially delisted. This lower portion remains impaired and is considered Category 4A. During the 2012 cycle, the condemnation shrank and the downstream-most portion was converted to seasonally condemned, therefore it will be partially delisted.</p>			
VAP-A33E_LOG03A08	Lodge Creek	0.0191 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - A33E-17-SF (CFL 2008)</p> <p>Portion of VDH-DSS Condemnation Notice 007-028M4, 11/1/2010</p> <p>The upper part of Lodge Creek was listed as impaired of the Shellfish Consumption Use due to condemnation 007-028F, 5/12/1997. The condemnation has since grown (007-028E, 11/10/2008), however only the original 1998 portion was included in the Yeocomico River Watershed TMDL Report, which was developed during the 2008 cycle and approved by the EPA on 6/8/2006. The TMDL for this expanded area is due in 2020. During the 2012 cycle, the segment changed to seasonally condemned, therefore it will be delisted.</p>			
VAP-A33E_MIA01B10	Mill Creek	0.0815 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - 0.0815 mi² Fecal Coliform - A33E-09-SF (00926 / VAP-A33E-09 / Federal TMDL ID 25318) (CFL 1998)</p> <p>Portion of VDH-DSS Condemnation Notice 007-028E, 5/12/1997</p> <p>The upper part of Mill Creek was listed as impaired of the Shellfish Consumption Use in the 1998 cycle due to condemnation 007-028E, 5/12/1997. The condemnation grew during the 2008 cycle (007-028E, 12/12/2006), however only the original 1998 portion was included in the Yeocomico River Watershed TMDL Report, which was developed during the 2008 cycle and approved by the EPA on 6/8/2006. This original segment is considered Category 4A. During the 2010 cycle, the condemnation shrank significantly and split into two separate impairments. (Drum Cove - 028F is addressed in fact sheet A33E-06-SF) The Mill Creek condemnation (028D, 11/10/2008) is now smaller than the 1998 area. The upstream portion remains impaired (Category 4A); the lower portion was considered a partial delist (Category 2C.) The condemnation shrank again during the 2012 cycle and an additional 0.0185 mi² of the impairment was partially delisted (VAP-A33E_MIA01B10).</p>			

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<i>Potomac and Shenandoah River Basins</i>			
VAP-A33E_WES01B12	West Yeocomico River	0.0522 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - A33E-07-SF / 00922 / EPA ID 25317 (CFL 1998)</p> <p>VDH-DSS Shellfish Condemnation 007-028, 11/1/2010 - open</p> <p>Hampton Hall Branch and Kinsale Branch listed as impaired of the Shellfish Consumption Use due to condemnation 007-028C, 5/12/1997. The condemnation has changed size several times through the assessments cycles, including separating into two separate condemnation areas. During the 2008 cycle, the segment expanded further downstream into the West Yeocomico River (007-028C, 12/12/2006), however only the original 1998 portion was included in the Yeocomico River Watershed TMDL Report, which was developed during the 2008 cycle and approved by the EPA on 6/8/2006. This original upstream portion was considered as Category 4A; the TMDL for the downstream expansion was due in 2020.</p> <p>The segment shortened dramatically during the 2012 cycle and again split into two separate condemnations - Kinsale Branch 007-028B and Hampton Hall Creek 007-028C. These areas remain Category 4A. The remainder of the 1998 extent will be partially delisted (Category 2C) and the downstream expansion will be partially delisted (Category 2A).</p>			
VAP-A33E_WES03A08	West Yeocomico River (includes Long Cove)	0.1565 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - A33E-14-SF (CFL 2008)</p> <p>Hampton Hall Branch and Kinsale Branch listed as impaired of the Shellfish Consumption Use due to condemnation 007-028C, 5/12/1997. The condemnation has changed size several times through the assessments cycles, including separating into two separate condemnation areas. During the 2008 cycle, the segment expanded further downstream into the West Yeocomico River (007-028C, 12/12/2006), however only the original 1998 portion was included in the Yeocomico River Watershed TMDL Report, which was developed during the 2008 cycle and approved by the EPA on 6/8/2006. This original upstream portion was considered as Category 4A; the TMDL for the downstream expansion was due in 2020.</p> <p>The segment shortened dramatically during the 2012 cycle and again split into two separate condemnations - Kinsale Branch 007-028B and Hampton Hall Creek 007-028C. These areas remain Category 4A. The remainder of the 1998 extent will be partially delisted (Category 2C) and this downstream expansion will be partially delisted (Category 2A).</p>			
VAP-A33E_WHP01A98	White Point Creek	0.0543 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - A33E-05-SF / 00927 / EPA ID 25316 (CFL 1998)</p> <p>Open in VDH-DSS condemnation 007-028B 11/1/2010</p> <p>White Point Creek was listed as impaired of the Shellfish Consumption Use in the 1998 cycle due to condemnation 007-028B, 5/12/1997. The condemnation grew during the 2008 cycle (007-028B, 12/12/2006), however only the original 1998 portion was included in the Yeocomico River Watershed TMDL Report, which was developed during the 2008 cycle and approved by the EPA on 6/8/2006. This original upstream portion will be considered as Category 4A; the TMDL for the downstream expansion was due in 2020.</p> <p>During the 2010 cycle, the condemnation shrank significantly and was confined to a tributary and the extreme upmost portion of White Point Creek within the TMDL study area. (The tributary was addressed in A33E-13-SF). The upstream portion remained Category 4A and the lower portion was partially delisted (Category 2C.)</p> <p>However, during the 2012 cycle, the entire segment was open for harvest on the 11/1/2010 condemnation, therefore the segment is delisted.</p>			

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Potomac and Shenandoah River Basins			
VAP-A33E_WHP01B08	White Point Creek, UT	0.0208 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - A33E-13-SF (CFL 2008)</p> <p>VDH-DSS Condemnation Notice 007-028H, 11/10/2008 - Portion of 007-028M2, 11/1/2010</p> <p>This section was originally listed in 2008 as part of the White Point Creek impairment. The upper part of White Point Creek was listed as impaired of the Shellfish Consumption Use due to condemnation 007-028B, 5/12/1997. The condemnation grew during the 2008 cycle (007-028B, 12/12/2006), however only the original 1998 portion was included in the Yeocomico River Watershed TMDL Report, which was developed during the 2008 cycle and approved by the EPA on 6/8/2006. The TMDL for this expanded area is due in 2020. The impairment was shortened in the 2010 cycle and the portion not addressed in the TMDL was reduced to 007-028H, 11/10/2008. The segment was changed to seasonally condemned during the 2012 cycle, therefore it will be delisted.</p>			
VAP-A34E_COO01B12	Cod Creek, Trib to Little Wicomico	0.0236 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - 0.0236 mi2 Fecal Coliform - A34E-15-SF / 00177 / VAP-A34E-15 (CFL 1998)</p> <p>Portion of VDH Shellfish Condemnation 010-105C, 5/27/2008</p> <p>Cod Creek was assessed as impaired during the 1998 cycle because of VDH-DSS Shellfish Condemnation 105B, 6/10/1997. The TMDL was adopted by the EPA on 12/18/2003 and the SWCB on 12/2/2004. The impairment shortened during the 2012 cycle and this portion of the impairment will be partially delisted.</p>			
VAP-A34E_CUT01A98	Cubitt Creek	0.2269 Square Miles	Recreation
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - A34E-14-BAC / 00936 / VAP-A34E-14 (CFL 2004)</p> <p>Cubitt Creek was listed for the Recreation Use in 2004 due to a fecal coliform violation rate of 3/20 at 1ACUT000.58, which is located at the end of Route 777. The TMDL was due in 2016. As of the 2010 cycle, there had been no additional bacteria monitoring since 2001, therefore the impairment was carried over. However, the Shellfish TMDL for Cubitt Creek was developed during the 2010 cycle and approved by the EPA on 11/16/2009. Because the Recreation impairment is located within the Shellfish TMDL study area, the Recreation impairment was considered nested (Category 4A). During the 2012 cycle, additional monitoring indicated that the area fully supports the Recreation Use due to an enterococci exceedance rate of 0/12, therefore the impairment will be delisted.</p>			
VAP-A34E_GLB01B12	The Glebe	0.0437 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - 0.0437 mi2 Fecal Coliform - A34E-01-SF2 / 00937 / VAP-A34E-01 / 85500 (CFL 2004)</p> <p>Portion of VDH Shellfish Condemnation 008-213B, 2/7/2008. Open in 2/26/2010</p> <p>A portion of Glebe Creek was initially assessed as impaired of the Shellfish Use due to VDH-DSS Condemnation Notice 145D, 2/25/1997. In the 2004 cycle, the segment was extended to match condemnation 145C, 11/27/2002. However, the 12/02/2004 TMDL was only performed on the 1998 portion. The AU has been shortened to match the original impairment, which is classified as Cat. 4A, TMDL completed. The portion of Glebe Creek that was impaired in 2004 will have a due date of 2016. In addition, the segment was further extended in 2006; the TMDL for this expanded area will be due in 2018. The expansion shrank in the 2012 cycle and 0.0437 mi2 will be partially delisted.</p>			

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Potomac and Shenandoah River Basins			
VAP-A34E_GLB02A00	The Glebe	0.045 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - A34E-26-SF / 10060 / VAP-A34E-26 (CFL 2006)</p> <p>Portion of VDH Shellfish Condemnation 008-213B, 2/7/2008 - open 2/26/2010</p> <p>A portion of Glebe Creek was initially assessed as impaired of the Shellfish Use due to VDH-DSS Condemnation Notice 145D, 2/25/1997. In the 2004 cycle, the segment was extended to match condemnation 145C, 11/27/2002. However, the 12/02/2004 TMDL was only performed on the 1998 portion. The Glebe shellfish condemnation was extended in 2006, as delineated in VDH-DSS condemnation 008-213B, 12/29/2003; the TMDL for this expanded area was due in 2018. This area was reduced in the 2008 cycle and Section 008-213D, 2/10/2006 was split off. The area was further reduced in the 2010 cycle. During the 2012 cycle, condemnation 008-213B, 2/26/2010 shrank and is now within the confines of the 2004 expansion, therefore the area of the 2006 expansion will be delisted.</p>			
VAP-A34E_GLB04A04	The Glebe	0.0464 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - A34E-23-SF / 00938 / VAP-A34E-22 (CFL 2004)</p> <p>VDH Shellfish Condemnation 008-213C, 2/7/2008</p> <p>The segment was considered impaired in 2004 because of VDH-DSS Shellfish Condemnation 145A, 11/27/2002. During the 2006 cycle, the Glebe Creek impairment was expanded and the segment was included as a portion of condemnation 008-213C, 2/10/2006. In the 2010 cycle, the condemnation shortened and split into separate impairments (008-213B and C, 2/7/2008). This fact sheet addresses 008-213C. The cove was open in the 2012 cycle (008-213, 2/26/2010), therefore the segment will be delisted.</p>			
VAP-A34E_HUL01B12	Hull Creek	0.2127 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - 0.1860 mi² Fecal Coliform - A34E-12-SF / 00939 / VAP-A34E-12 / Federal TMDL ID 38025 (CFL 1998)</p> <p>A portion of Hull Creek was listed as impaired of the Shellfish Use in the 1998 cycle because of VDH-DSS Shellfish Condemnation 142A, 1/31/1997. During the 2008 cycle, the condemnation expanded and merged with the impairment on Fountain Cove. This segment is the Hull Creek portion of condemnation 009-142B, 3/17/2008.</p> <p>The Shellfish TMDL for Hull Creek was developed during the 2010 cycle based on the maximum extent of the impairment (8/21/2000). The TMDL was approved by the EPA on 11/16/2009, therefore Hull Creek is considered Category 4A. During the 2012 cycle, the condemnation 009-142B, 3/17/2008 shrank and split into 3 segments (009-142B, E, and F, 3/30/2009). Those segments will remain Category 4A, the remainder will be partially delisted (Category 2C).</p>			

Waters Identified for Delisting Since 2010 Report

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Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
Potomac and Shenandoah River Basins			
VAP-A34E_KNC01A98	Killneck Creek	0.0279 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - A34E-02-SF / 00173 / VAP-A34E-02 / Federal ID 19196 (CFL 1998)</p> <p>Portion of VDH-DSS condemnation 145E, 2/25/1997 - open 2/26/2010</p> <p>Killneck Creek was assessed as not supporting of the Shellfish Consumption Use during the 1998 cycle due to VDH-DSS condemnation 145E, 2/25/1997. The shellfish condemnation for this segment was addressed in "Coan River Watershed Total Maximum Daily Load (TMDL) Report for Six Shellfish Areas", which was completed during the 2006 cycle and approved by the EPA on 12/18/2003 and by the SWCB on 12/02/2004. However, during the 2010 cycle, the condemnation was shortened (008-214B, 2/7/2008) and the lower portion of the creek was opened for harvest and was portion was partially delisted (Category 2C). The upper, impaired segment was classified as Category 4A for the Shellfish Use.</p> <p>During the 2012 cycle, the condemnation was rescinded and the entire segment will be delisted.</p>			
VAP-A34E_LIS01A08	Little Wicomico River	0.0038 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - 0.0616 mi2 Fecal Coliform - A34E-34-SF (CFL 2008)</p> <p>Portion of VDH Shellfish Condemnation 010-105C, 5/27/2008</p> <p>A segment of the Little Wicomico River was assessed as impaired in 1998 based on VDH SFC 105B 6/10/1997. During several cycles, the segment expanded and is a portion of 010-105C, 5/7/2008 in the 2010 cycle. However, the 2003 TMDL only covered the original 1998 impaired section, which will be classified as Cat. 4A. This impairment addresses only the 2008 expansion. The TMDL for this downstream-most segment was due in 2020. However, during the 2012 cycle, condemnation 010-105C, 5/27/2008 shrank considerably. The 2008 expansion is now limited to Back Creek (VAP-A34E_BAC01A12). The Little Wicomico River will be partially delisted.</p>			
VAP-A34E_LIS01B12	Little Wicomico River	0.0228 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - 0.142 mi2 Fecal Coliform - A34E-30-SF / 0066 (SF) / VAP-A34E-30 (CFL 2006)</p> <p>Portion of VDH Shellfish Condemnation 010-105C, 65/27/2008</p> <p>A segment of the Little Wicomico River was assessed as impaired in 1998 based on VDH SFC 105B 6/10/1997. During several cycles, the segment expanded and is a portion of 010-105C, 5/7/2008 in the 2010 cycle. However, the 2003 TMDL only covered the original 1998 impaired section, which will be classified as Cat. 4A. This AU only included the 2006 expansion; the TMDL is due in 2018. However, during the 2012 cycle, the condemnation shrank considerably and split. 0.142 square miles of Little Wicomico River will be partially delisted. Sloop Creek and a portion of the Little Wicomico River remain impaired (see VAP-A34E_LIS01A06).</p>			

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
Potomac and Shenandoah River Basins			
VAP-A34E_XFI01A98	Stevens Point	0.0385 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - A34E-03-SF / 00174 / VAP-A34E-03 / Federal ID 21848 (CFL 1998)</p> <p>VDH-DSS Condemnation Notice 008-214M1, 2/26/2010 - seasonally condemned (OE)</p> <p>Stevens Point was included on the 1998 303(d) list due to VDH condemnation 145F, 2/25/1997. The shellfish condemnation for this segment was addressed in "Coan River Watershed Total Maximum Daily Load (TMDL) Report for Six Shellfish Areas", which was completed during the 2006 cycle and approved by the EPA on 12/18/2003 and by the SWCB on 12/02/2004. During the 2010 cycle, Stevens Point was closed due to VDH-DSS Condemnation Notice 008-214C, 2/7/2008 and was classified as Category 4A for the Shellfish Use. The closure was rescinded during the 2012 cycle and the area switched to seasonally condemned, therefore it will be delisted.</p>			
VAV-B02R_SOA01A00	South Branch Potomac River	1.02 Miles	Recreation
<p>Delisting Summary: DELIST 2012 - Bacteria - B02R-05-BAC (2006)</p> <p>The South Branch Potomac River was originally listed on the 303(d) list for violating the State's water quality standard for e-coli bacteria during the 2006 assessment period. During the 2006 assessment period, 3 of 9 samples (33.33%) at station 1ASOA001.00 and 2 of 9 samples (22.22%) at station 1ASOA003.77 exceeded the State's water quality standard for e-coli bacteria. During the 2012 assessment period, 1 of 15 samples (6.67%) exceeded the State's water quality standard for e-coli at station 1ASOA001.00 and 0 of 8 samples (0.00%) exceeded the State's water quality standard for e-coli at station 1ASOA003.77.</p> <p>Based on this improvement in water quality below a 10.5% violation rate, the South Branch Potomac River should be removed from the 303(d) list.</p>			
VAV-B02R_SOA01B10	South Branch Potomac River	4.24 Miles	Recreation
<p>Delisting Summary: DELIST 2012 - Bacteria - B02R-05-BAC (2006)</p> <p>The South Branch Potomac River was originally listed on the 303(d) list for violating the State's water quality standard for e-coli bacteria during the 2006 assessment period. During the 2006 assessment period, 3 of 9 samples (33.33%) at station 1ASOA001.00 and 2 of 9 samples (22.22%) at station 1ASOA003.77 exceeded the State's water quality standard for e-coli bacteria. During the 2012 assessment period, 1 of 15 samples (6.67%) exceeded the State's water quality standard for e-coli at station 1ASOA001.00 and 0 of 8 samples (0.00%) exceeded the State's water quality standard for e-coli at station 1ASOA003.77.</p> <p>Based on this improvement in water quality below a 10.5% violation rate, the South Branch Potomac River should be removed from the 303(d) list.</p>			

Waters Identified for Delisting Since 2010 Report

Assessment

<i>Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>Potomac and Shenandoah River Basins</i>			
VAV-B02R_SOA02A10	South Branch Potomac River	4.89 Miles	Recreation

Delisting Summary:

DELIST 2012 - Bacteria - B02R-05-BAC (2006)

The South Branch Potomac River was originally listed on the 303(d) list for violating the State's water quality standard for e-coli bacteria during the 2006 assessment period. During the 2006 assessment period, 3 of 9 samples (33.33%) at station 1ASOA001.00 and 2 of 9 samples (22.22%) at station 1ASOA003.77 exceeded the State's water quality standard for e-coli bacteria. During the 2012 assessment period, 1 of 15 samples (6.67%) exceeded the State's water quality standard for e-coli at station 1ASOA001.00 and 0 of 8 samples (0.00%) exceeded the State's water quality standard for e-coli at station 1ASOA003.77.

Based on this improvement in water quality below a 10.5% violation rate, the South Branch Potomac River should be removed from the 303(d) list.

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
James River Basin			
VAC-H35R_XQM01A00	Willis River, Unnamed Tributary	1.71 Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - Dissolved Oxygen - VAC-H36R-01/H35R-02-DO (2002) Dissolved Oxygen - 0/4 Violation Rate</p>			
VAC-J03R_LIT01A02	Little Sandy Creek	2.91 Miles	Recreation
<p>Delisting Summary: DELIST 2012 - E. coli (2.91 Miles) - VAC-J01R-01/J03R-01-BAC (2006) Station ID: 2-LIT002.40 (Ambient) E. coli - 1/12 violation rate</p>			
VAP-G01L_FAC01A98	Falling Creek Reservoir	88.37 Acres	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012-pH-VAP-G01L-01, G01L-01-PH(2010) During the 2012 cycle this segment was fully supporting for pH and Delisted.</p>			
VAP-G02R_WSN01A00	Western Run	1.84 Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - pH - G02R-04-PH / 01141 / VAP-G02R-04 (CFL 2004) Western Run was initially assessed as not supporting the Aquatic Life Use goals based on pH violation rates of 2/4 (impaired) at USGS station 0203874275 (Route 156 near Elko, VA). Although DEQ station 2-WSN0000.85 is co-located with 0203874275 and the pH violation rate was 1/15 during the 2008 cycle, the combined data set was 3/19, therefore the segment remained impaired. However, the National Park Service performed additional monitoring at the same location during the 2012 cycle. The pH violation rate is 0/6, therefore the segment will be delisted for pH.</p>			
VAP-G04E_JMS03A04	James River	3.7566 Square Miles	Recreation
<p>Delisting Summary: PARTIAL DELIST 2012 - E. coli - G04E-01-BAC (CFL 2010) In the 2010 cycle, the James River from Brandon Point downstream to the Chickahominy River confluence was assessed as impaired of the Recreation Use due to an E. coli violation rate of 2/10 at 2-JMS052.02, which is located at Claremont Wharf. The violation rate at 2-JMS052.67 was acceptable (2/54). During the 2012 cycle, the violation rates were 2/22 at 2-JMS052.02 and 1/71 at 2-JMS055.94, therefore the segment will be delisted.</p>			

Waters Identified for Delisting Since 2010 Report

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<i>Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>	
<i>James River Basin</i>				
VAP-G05R_GRC01A04	Grassy Swamp Creek	1.02 Miles	Aquatic Life	
<i>Delisting Summary:</i>				
PARTIAL DELIST 2012 - pH - G05R-06-PH / 10036 / VAP-G05R-06 (CFL 2006)				
Grassy Swamp Creek was assessed as impaired of the Aquatic Life Use in the 2006 cycle due to pH exceedances at 2-GRC000.96, which is located at the Route 660 bridge. The segment remained impaired during the 2010 cycle with a violation rate of 14/97. The exceedance rate fell to 8/95 during the 2012 cycle, therefore the segment will be delisted.				
VAP-G05R_XDD01A98	Chickahominy River, UT	1.15 Miles	Aquatic Life	
<i>Delisting Summary:</i>				
PARTIAL DELIST 2012 - pH - G05R-01-TEMP (CFL 2008)				
The segment was listed for temperature due to an exceedance rate of 7/54 at 2-XDD000.91 and 9/68 at 2-XDD000.40.				
Additional monitoring was conducted during the 2010 cycle. The exceedance rate was 2-XDD000.40 was now acceptable (9/92). Station 2-XDD00.91 is still impaired, however the exceedance rate has fallen to 8/75, therefore further monitoring was recommended.				
The exceedance rates were acceptable at both stations during the 2012 cycle (8/91 and 8/92, respectively), therefore the segment will be delisted.				
VAP-G08E_CHK01A00	Chickahominy River	1.369 Square Miles	Recreation	Fish Consumption
<i>Delisting Summary:</i>				
PARTIAL DELIST 2012 - Enterococci - G08E-06-BAC (CFL 2008)				
The Chickahominy River from Walkers Dam downstream to the confluence with Diascund Creek was assessed as not supporting the Recreation Use in the 2008 cycle due to enterococci exceedances at 2-CHK023.64.				
However, the exceedance rate was acceptable during the 2012 cycle (2/29), therefore it will be delisted.				
PARTIAL DELIST 2012 - Mercury in Fish Tissue - G08E-06-HG (CFL 2010)				
During the 2010 cycle, the Chickahominy River from Walkers Dam to Diascund Creek was assessed as not supporting of the Fish Consumption Use due to mercury exceedances in largemouth bass and bowfin at 2-CHK023.64. However, in the 2012 cycle, it was determined that bowfin are excluded because fish consumption surveys indicate that they are rarely eaten in Virginia, therefore the river will be delisted. Mercury will remain an observed effect until further monitoring can be conducted.				

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
James River Basin			
VAP-H39R_JMS03A98	James River	2.91 Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - Benthic Macroinvertebrates - H39R-09-BEN (00453 / 01187 / VAP-H39R-09) (CFL 1996)</p> <p>The James River was assessed not supporting of the Aquatic Life use support goal in 1996 based on the results of biological (benthic) monitoring at station 2-JMS110.34 and 2-JMS110.44, which indicated moderately impaired benthic communities when compared to the control station at 2-JMS115.29.</p> <p>TMDL monitoring during the 2008 and 2010 cycles shows that station 2-JMS110.44 (north bank) was fully supporting. However, the scores at the south channel station 2-JMS0110.34 remained below 60.</p> <p>During the 2012 cycle, benthic results at 2BJMS110.53, 2-JMS110.34, and 2-JMS110.44 were all acceptable, therefore the segment will be delisted.</p>			
VAP-H39R_RDD01B10	Reedy Creek	0.6 Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - 0.60 miles Dissolved Oxygen - H39R-06-DO (CFL 2008)</p> <p>During the 2008 cycle Reedy Creek was assessed as not supporting the Aquatic Life Use due to dissolved oxygen exceedances at the 44th Street bridge and at the Deter Road bridge, 2-RDD001.57 and 2-RDD003.61, respectively.</p> <p>The violation rates were 3/26 at 2-RDD001.57 and 3/12 at 2-RDD003.61 during the 2012 cycle. Dissolved oxygen is acceptable in the lower portion of Reedy Creek (0/27 at 2-RDD000.19 and 0/13 at 2-RDD000.99), therefore the segment will be shortened to end at the tributary above Roanoke Street.</p>			
VAP-H39R_RDD01C10	Reedy Creek	1.04 Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - 1.04 Miles Dissolved Oxygen - H39R-06-DO (CFL 2008)</p> <p>During the 2008 cycle Reedy Creek was assessed as not supporting the Aquatic Life Use due to dissolved oxygen exceedances at the 44th Street bridge and at the Deter Road bridge, 2-RDD001.57 and 2-RDD003.61, respectively.</p> <p>The violation rates were 3/26 at 2-RDD001.57 and 3/12 at 2-RDD003.61 during the 2012 cycle. Dissolved oxygen is acceptable in the lower portion of Reedy Creek (0/27 at 2-RDD000.19 and 0/13 at 2-RDD000.99), therefore the segment will be shortened to end at the tributary above Roanoke Street.</p>			
VAP-J10R_GOC01A08	Goodes Creek	2.72 Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012- pH-VAP-J10R-02, J10R-02-PH(2010)</p> <p>This segment is now fully supporting for pH with 2 violations out of 24 samples.</p>			

Waters Identified for Delisting Since 2010 Report

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<i>Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>James River Basin</i>			
VAP-J11L_LDJ01A98	Lake Nottoway (Lee Lake)	161.07 Acres	Aquatic Life
<i>Delisting Summary:</i> DELIST 2012- DO-15019, VAP-J11L-01, J11L-01-DO(2006) During the 2012 cycle this lake was fully supporting for all that it was monitored for and the DO was delisted.			
VAP-J15R_APP01A98	Appomattox River	5.13 Miles	Recreation
<i>Delisting Summary:</i> PARTIAL DELIST 2012-E.coli 5.13 miles- 00044,VAP-J15R-01, J15R-01-BAC(2002) For the 2012 cycle the segment was shortened from 7.502 miles to 5.13 miles and E.coli will be partially delisted.			
VAP-J15R_RHC01A06	Rohoic Creek	6.78 Miles	Recreation
<i>Delisting Summary:</i> PARTIAL DELIST 2012- E.coli-TMDLID:33710,J15R-05-BAC, 15009, VAP-J15R-05(2006) During the 2012 cycle the segment was fully supporting for E.coli with a violation rate of 1/12.			
VAP-J17R_SFT01B98	Swift Creek	7.1 Miles	Recreation
<i>Delisting Summary:</i> PARTIAL DELIST 2012-E.coli-TMDL ID33711, VAP-J17R-01, J17R-01-BAC(2002) During the 2012 cycle this segment was no longer impaired for E.coli.			
VAT-G11E_CKT02A12	Chuckatuck Creek and Mouth in James	0.8865 Square Miles	Shellfishing
<i>Delisting Summary:</i> PARTIAL DELIST 2012- FECAL COLIFORM 0.88 SQ MI - G11E-01-SF (1998) The Shellfishing Use is supporting based on the DSS OPEN shellfish direct harvesting condemnation # 062-080 (effective 20101006). EPA approved TMDL 7/9/2010.			

Waters Identified for Delisting Since 2010 Report

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<i>Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>James River Basin</i>			
VAT-G11E_JMS01A06	James River - Gravel Neck to Pagan River	40.1456 Square Miles	Aquatic Life
<p><i>Delisting Summary:</i></p> <p>PARTIAL DELIST 2012- ESTUARINE BIOASSESSMENT-G11E-05-EBEN (2010)</p> <p>Benthics are supporting ALUS for this segment since 2010.</p> <p>The previous Aquatic Life Use D.O. impairment is retained. The segment passed the 30-day D.O. criteria for the 2012 cycle, but there was insufficient data to assess all the other D.O. criteria. Therefore, the segment must remain impaired for D.O. and the Open Water is defined as insufficient until all D.O. criteria are assessed. The Open Water Use with the 2012 IR results indicating the 30 day criteria for dissolved oxygen - Summer & ROY is met for the 2012 cycle but there was insufficient data to assess all the other D.O. criteria. EPA approved Chesapeake Bay TMDL 12/29/2010.</p> <p>The Aquatic Life Use is impaired based on failure to meet the revised Chesapeake Bay water criteria for Plankton, as measured using Chlorophyll-a concentrations. The impairment is added for the 2008 IR cycle. As the impairment is related to the EPA's 1998 303(d) Overlisting as impaired of the Aquatic Life Use; the impairment was attributed to excessive nutrients, the TMDL is due in 2010. 1998 CD segment for nutrients (Attachment A, Category 1, Part 2) VAT-G10E-04. Previous Use ID = VAT-G10E-04.</p>			

VAT-G11E_JMS01C08	James River - Carter Grove Area	0.4 Square Miles	Aquatic Life
<p><i>Delisting Summary:</i></p> <p>PARTIAL DELIST 2012- ESTUARINE BIOASSESSMENT-G11E-05-EBEN (2010)</p> <p>Benthics are supporting ALUS for this segment since 2010.</p> <p>Submerged Aquatic Vegetation is supporting.</p> <p>The previous Aquatic Life Use D.O. impairment is retained. The segment passed the 30-day D.O. criteria for the 2012 cycle, but there was insufficient data to assess all the other D.O. criteria. Therefore, the segment must remain impaired for D.O. and the Open Water is defined as insufficient until all D.O. criteria are assessed. The Open Water Use with the 2012 IR results indicating the 30 day criteria for dissolved oxygen - Summer & ROY is met for the 2012 cycle but there was insufficient data to assess all the other D.O. criteria. EPA approved Chesapeake Bay TMDL 12/29/2010.</p> <p>The Aquatic Life Use is impaired based on failure to meet the revised Chesapeake Bay water criteria for Plankton, as measured using Chlorophyll-a concentrations. The impairment is added for the 2008 IR cycle. As the impairment is related to the EPA's 1998 303(d) Overlisting as impaired of the Aquatic Life Use; the impairment was attributed to excessive nutrients, the TMDL is due in 2010. 1998 CD segment for nutrients (Attachment A, Category 1, Part 2) VAT-G10E-04. Previous Use ID = VAT-G10E-04.</p>			

Waters Identified for Delisting Since 2010 Report

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Unit ID	Waterbody Name	Size		Uses Partially / Fully Restored
James River Basin				
VAT-G11E_JMS02A06	James River - Jail Point to Hilton Village	25.0946 Square Miles	Aquatic Life	
<p>Delisting Summary:</p> <p>PARTIAL DELIST 2012- ESTUARINE BIOASSESSMENT-G11E-05-EBEN (2010) Benthics are supporting ALUS for this segment since 2010.</p> <p>The previous Aquatic Life Use D.O. impairment is retained. The segment passed the 30-day D.O. criteria for the 2012 cycle, but there was insufficient data to assess all the other D.O. criteria. Therefore, the segment must remain impaired for D.O. and the Open Water is defined as insufficient until all D.O. criteria are assessed. The Open Water Use with the 2012 IR results indicating the 30 day criteria for dissolved oxygen - Summer & ROY is met for the 2012 cycle but there was insufficient data to assess all the other D.O. criteria. EPA approved Chesapeake Bay TMDL 12/29/2010.</p> <p>The Aquatic Life and Open-Water Aquatic Life Uses are impaired based on failure to meet the revised Chesapeake Bay water criteria for Plankton, as measured using Chlorophyll-a concentrations. The impairment is added for the 2008 IR cycle. As the impairment is related to the EPA's 1998 303(d) Overlisting as impaired of the Aquatic Life Use; the impairment was attributed to excessive nutrients, the TMDL is due in 2010. 1998 CD segment for nutrients (Attachment A, Category 1, Part 2) VAT-G10E-04. Previous Use ID = VAT-G10E-04.</p>				
VAT-G11E_JMS02B10	James River - Ballard Swamp Area	0.0682 Square Miles	Aquatic Life	Shellfishing
<p>Delisting Summary:</p> <p>PARTIAL DELIST 2012- ESTUARINE BIOASSESSMENT-G11E-05-EBEN (2010) Benthics are supporting ALUS for this segment since 2010.</p> <p>SAV is supporting Aquatic Life Use.</p> <p>The previous Aquatic Life Use D.O. impairment is retained. The segment passed the 30-day D.O. criteria for the 2012 cycle, but there was insufficient data to assess all the other D.O. criteria. Therefore, the segment must remain impaired for D.O. and the Open Water is defined as insufficient until all D.O. criteria are assessed. The Open Water Use with the 2012 IR results indicating the 30 day criteria for dissolved oxygen - Summer & ROY is met for the 2012 cycle but there was insufficient data to assess all the other D.O. criteria. EPA approved Chesapeake Bay TMDL 12/29/2010.</p> <p>The Aquatic Life and Open-Water Aquatic Life Uses are impaired based on failure to meet the revised Chesapeake Bay water criteria for Plankton, as measured using Chlorophyll-a concentrations. The impairment is added for the 2008 IR cycle. As the impairment is related to the EPA's 1998 303(d) Overlisting as impaired of the Aquatic Life Use; the impairment was attributed to excessive nutrients, the TMDL is due in 2010. 1998 CD segment for nutrients (Attachment A, Category 1, Part 2) VAT-G10E-04. Previous Use ID = VAT-G10E-04.</p> <p>PARTIAL DELIST 2012 - FECAL COLIFORM - G11E-17-SF (2010)</p> <p>The Shellfishing Use is supporting based on the OPEN DSS shellfish condemnation # 062-164 (effective 20101006).</p>				

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
James River Basin			
VAT-G11E_JMS03A06	James River - Along Lower North Shore	3.7458 Square Miles	Aquatic Life
<p>Delisting Summary:</p> <p>PARTIAL DELIST 2012- ESTUARINE BIOASSESSMENT-G11E-05-EBEN (2010) Benthics are supporting ALUS for this segment since 2010.</p> <p>The previous Aquatic Life Use D.O. impairment is retained. The segment passed the 30-day D.O. criteria for the 2010 cycle, but there was insufficient data to assess all the other D.O. criteria. Therefore, the segment must remain impaired for D.O. and the Open Water is defined as insufficient until all D.O. criteria are assessed. EPA approved Chesapeake Bay TMDL 12/29/2010.</p> <p>The Aquatic Life and Open-Water Aquatic Life Uses are impaired based on failure to meet the revised Chesapeake Bay water criteria for Plankton, as measured using Chlorophyll-a concentrations. The impairment is added for the 2008 IR cycle. As the impairment is related to the EPA's 1998 303(d) Overlisting as impaired of the Aquatic Life Use; the impairment was attributed to excessive nutrients, the TMDL is due in 2010. 1998 CD segment for nutrients (Attachment A, Category 1, Part 2) VAT-G10E-04. Previous Use ID = VAT-G10E-04.</p>			
VAT-G11E_JMS03B06	James River - Hilton Beach Area	0.1098 Square Miles	Aquatic Life
<p>Delisting Summary:</p> <p>PARTIAL DELIST 2012- ESTUARINE BIOASSESSMENT-G11E-05-EBEN (2010) Benthics are supporting ALUS for this segment since 2010.</p> <p>The previous Aquatic Life Use D.O. impairment is retained. The segment passed the 30-day D.O. criteria for the 2010 cycle, but there was insufficient data to assess all the other D.O. criteria. Therefore, the segment must remain impaired for D.O. and the Open Water is defined as insufficient until all D.O. criteria are assessed.</p> <p>The Aquatic Life and Open-Water Aquatic Life Uses are impaired based on failure to meet the revised Chesapeake Bay water criteria for Plankton, as measured using Chlorophyll-a concentrations. The impairment is added for the 2008 IR cycle. As the impairment is related to the EPA's 1998 303(d) Overlisting as impaired of the Aquatic Life Use; the impairment was attributed to excessive nutrients, the TMDL is due in 2010. 1998 CD segment for nutrients (Attachment A, Category 1, Part 2) VAT-G10E-04. Previous Use ID = VAT-G10E-04.</p>			
VAT-G11E_JMS03C06	James River - Huntington Beach Area	0.0079 Square Miles	Aquatic Life
<p>Delisting Summary:</p> <p>PARTIAL DELIST 2012- ESTUARINE BIOASSESSMENT-G11E-05-EBEN (2010) Benthics are supporting ALUS for this segment since 2010.</p> <p>The previous Aquatic Life Use D.O. impairment is retained. The segment passed the 30-day D.O. criteria for the 2012 cycle, but there was insufficient data to assess all the other D.O. criteria. Therefore, the segment must remain impaired for D.O. and the Open Water is defined as insufficient until all D.O. criteria are assessed.</p> <p>The Open Water Use with the 2012 IR results indicating the 30 day criteria for dissolved oxygen - Summer & ROY is met for the 2012 cycle but there was insufficient data to assess all the other D.O. criteria. EPA approved Chesapeake Bay TMDL 12/29/2010.</p> <p>The Aquatic Life and Open-Water Aquatic Life Uses are impaired based on failure to meet the revised Chesapeake Bay water criteria for Plankton, as measured using Chlorophyll-a concentrations. The impairment is added for the 2008 IR cycle. As the impairment is related to the EPA's 1998 303(d) Overlisting as impaired of the Aquatic Life Use; the impairment was attributed to excessive nutrients, the TMDL is due in 2010. 1998 CD segment for nutrients (Attachment A, Category 1, Part 2) VAT-G10E-04. Previous Use ID = VAT-G10E-04.</p>			

Waters Identified for Delisting Since 2010 Report

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Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
James River Basin			
VAT-G11E_JMS04A06	James River - Hilton Village to Craney Island	24.4275 Square Miles	Aquatic Life
<p>Delisting Summary:</p> <p>PARTIAL DELIST 2012- ESTUARINE BIOASSESSMENT-G11E-05-EBEN (2010) Benthics are supporting ALUS for this segment since 2010.</p> <p>The Aquatic Life and Open-Water Aquatic Life Uses are impaired based on failure to meet the revised Chesapeake Bay water criteria for Plankton, as measured using Chlorophyll-a concentrations. The impairment is added for the 2008 IR cycle. As the impairment is related to the EPA's 1998 303(d) Overlisting as impaired of the Aquatic Life Use; the impairment was attributed to excessive nutrients, the TMDL is due in 2010. 1998 CD segment for nutrients (Attachment A, Category 1, Part 2) VAT-G10E-04. Previous Use ID = VAT-G10E-04.</p> <p>The previous Aquatic Life Use D.O. impairment is retained. The segment passed the 30-day D.O. criteria for the 2012 cycle, but there was insufficient data to assess all the other D.O. criteria. Therefore, the segment must remain impaired for D.O. and the Open Water is defined as insufficient until all D.O. criteria are assessed. EPA approved Chesapeake Bay TMDL 12/29/2010.</p> <p>The Aquatic Life Use Aquatic Plants [Macrophytes] is supported for the 2010 IR based on results indicating the criteria for Water Clarity Acres is met for the 2010 cycle.</p>			
VAT-G11E_JMS04B10	James River - Outside Chuckatuck Creek	0.5636 Square Miles	Aquatic Life Shellfishing
<p>Delisting Summary:</p> <p>PARTIAL DELIST 2012- ESTUARINE BIOASSESSMENT-G11E-05-EBEN (2010) Benthics are supporting ALUS for this segment since 2010</p> <p>The previous Aquatic Life Use D.O. impairment is retained. The segment passed the 30-day D.O. criteria for the 2012 cycle, but there was insufficient data to assess all the other D.O. criteria. Therefore, the segment must remain impaired for D.O. and the Open Water is defined as insufficient until all D.O. criteria are assessed. EPA approved Chesapeake Bay TMDL 12/29/2010.</p> <p>The Aquatic Life and Open-Water Aquatic Life Uses are impaired based on failure to meet the revised Chesapeake Bay water criteria for Plankton, as measured using Chlorophyll-a concentrations. The impairment is added for the 2008 IR cycle. As the impairment is related to the EPA's 1998 303(d) Overlisting as impaired of the Aquatic Life Use; the impairment was attributed to excessive nutrients, the TMDL is due in 2010. 1998 CD segment for nutrients (Attachment A, Category 1, Part 2) VAT-G10E-04. Previous Use ID = VAT-G10E-04.</p> <p>The Aquatic Life Use Aquatic Plants [Macrophytes] Use is fully supported based on results indicating the criteria for Water Clarity Acres is met for the 2010 cycle.</p> <p>PARTIAL DELIST 2012-FECAL COLIFORM- G11E-19-SF (2010)</p> <p>The Shellfishing Use is supporting based on the DSS shellfish direct harvesting condemnation # 062-080 (effective 20101006)..</p>			

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
James River Basin			
VAT-G11E_JMS06A10	James River - Outside Mouth Streeter & Hoffer Creeks	0.15 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012- ESTUARINE BIOASSESSMENT-G11E-05-EBEN (2010) Benthics are supporting ALUS for this segment since 2010</p> <p>The previous Aquatic Life Use D.O. impairment is retained. The segment passed the 30-day D.O. criteria for the 2012 cycle, but there was insufficient data to assess all the other D.O. criteria. Therefore, the segment must remain impaired for D.O. and the Open Water is defined as insufficient until all D.O. criteria are assessed. EPA approved Chesapeake Bay TMDL 12/29/2010.</p> <p>The Aquatic Life and Open-Water Aquatic Life Uses are impaired based on failure to meet the revised Chesapeake Bay water criteria for Plankton, as measured using Chlorophyll-a concentrations. The impairment is added for the 2008 IR cycle. As the impairment is related to the EPA's 1998 303(d) Overlisting as impaired of the Aquatic Life Use; the impairment was attributed to excessive nutrients, the TMDL is due in 2010. 1998 CD segment for nutrients (Attachment A, Category 1, Part 2) VAT-G10E-04. Previous Use ID = VAT-G10E-04.</p> <p>The Aquatic Life Use Aquatic Plants [Macrophytes] Use is fully supported based on results indicating the criteria for Water Clarity Acres is met for the 2010 cycle.</p> <p>1998 CD segment for nutrients (Attachment A, Category 1, Part 2) VAT-G10E-04. Previous Use ID = VAT-G10E-04.</p>			
VAT-G11L_LHR01A08	Lee Hall Reservoir	290.06 Acres	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012- DO- G11L-01-DO (2006) The Aquatic Life Use impairment is retained for copper based on exceedance of the DEQ copper (acute) criteria as reported from a USGS 2002 special study and dissolved oxygen concentrations below the minimum allowable instantaneous criteria. Cu exceedances include 0204279210 (4 violates), 0204279224 (1 violates), 0204279230 (4 violates) and 0204279240 (4 violates).</p> <p>The Dissolved oxygen is now supporting ALUS based on the pooled DO data 4 violates/ 38 obs a 10.5 violation rate.</p> <p>Individual exceedances for DO include 2-LHR001.76 (3 violates/ 21 obs) and 2-LHR002.56 (1 violates / 17 obs).</p> <p>Pooled pH data are supporting for Aquatic Life Use with 0 viol / 38 obs.</p> <p>There is insufficient data to assess nutrients. 2010 data for Chla and TP are supporting.</p>			
VAT-G13E_NAN01A00	Nansemond River - Upper	0.2616 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012- ESTUARINE BIOASSESSMENT-G13E-08-EBEN (2006) Benthics are supporting ALUS for this segment since 2010.</p> <p>The previous Aquatic Life Use D.O. impairment is retained. The segment passed the 30-day D.O. criteria for the 2012 cycle, but there was insufficient data to assess all the other D.O. criteria. Therefore, the segment must remain impaired for D.O. and the Open Water is defined as insufficient until all D.O. criteria are assessed. EPA approved Chesapeake Bay TMDL 12/29/2010.</p> <p>The Shallow-Water Submerged Aquatic Vegetation Use is supported based on meeting the SAV criteria.</p>			

Waters Identified for Delisting Since 2010 Report

Assessment

<i>Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
James River Basin			
VAT-G13E_NAN02A06	Nansemond River - Upper Middle	0.2094 Square Miles	Aquatic Life
<p>Delisting Summary:</p> <p>PARTIAL DELIST 2012- ESTUARINE BIOASSESSMENT-G13E-08-EBEN (2006) Benthics are supporting ALUS for this segment since 2010.</p> <p>The previous Aquatic Life Use D.O. impairment is retained. The segment passed the 30-day D.O. criteria for the 2012 cycle, but there was insufficient data to assess all the other D.O. criteria. Therefore, the segment must remain impaired for D.O. and the Open Water is defined as insufficient until all D.O. criteria are assessed. EPA approved Chesapeake Bay TMDL 12/29/2010. The Shallow Water Submerged Aquatic Vegetation Use is supported based on meeting the SAV acreage criteria.</p>			
VAT-G13E_NAN03A06	Nansemond River - Lower Middle	1.6768 Square Miles	Aquatic Life
<p>Delisting Summary:</p> <p>PARTIAL DELIST 2012- ESTUARINE BIOASSESSMENT-G13E-08-EBEN (2006) Benthics are supporting ALUS for this segment since 2010.</p> <p>The previous Aquatic Life Use D.O. impairment is retained. The segment passed the 30-day D.O. criteria for the 2012 cycle, but there was insufficient data to assess all the other D.O. criteria. Therefore, the segment must remain impaired for D.O. and the Open Water is defined as insufficient until all D.O. criteria are assessed. EPA approved Chesapeake Bay TMDL 12/29/2010. The Shallow-Water Submerged Aquatic Vegetation Use is supported based on meeting the SAV criteria.</p>			
VAT-G13E_NAN04A00	Nansemond River - Lower [No TMDL]	6.0289 Square Miles	Aquatic Life
<p>Delisting Summary:</p> <p>PARTIAL DELIST 2012- ESTUARINE BIOASSESSMENT-G13E-08-EBEN (2006) For the 2012 assessment benthic impairment was removed from JMSH waters. Benthics are supporting since 2010</p> <p>The previous Aquatic Life Use D.O. impairment is retained. The segment passed the 30-day D.O. criteria for the 2012 cycle, but there was insufficient data to assess all the other D.O. criteria. Therefore, the segment must remain impaired for D.O. and the Open Water is defined as insufficient until all D.O. criteria are assessed. EPA approved Chesapeake Bay TMDL 12/29/2010. The Shallow Water Submerged Aquatic Vegetation Use is supported based on meeting the SAV criteria.</p>			
VAT-G13E_NAN04B10	Nansemond River - Upper Lower [TMDL]	1.6009 Square Miles	Aquatic Life
<p>Delisting Summary:</p> <p>PARTIAL DELIST 2012- ESTUARINE BIOASSESSMENT-G13E-08-EBEN (2006) Benthics are supporting ALUS for this segment since 2010.</p> <p>The previous Aquatic Life Use D.O. impairment is retained. The segment passed the 30-day D.O. criteria for the 2012 cycle, but there was insufficient data to assess all the other D.O. criteria. Therefore, the segment must remain impaired for D.O. and the Open Water is defined as insufficient until all D.O. criteria are assessed. EPA approved Chesapeake Bay TMDL 12/29/2010. The Shallow-Water Submerged Aquatic Vegetation Use is supported based on meeting the SAV criteria.</p>			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
James River Basin			
VAT-G13E_NAN04C10	Nansemond River - Lower DSS Condemned at Knotts Cr	0.2969 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012- ESTUARINE BIOASSESSMENT-G13E-08-EBEN (2006) Benthics are supporting ALUS for this segment since 2010.</p> <p>The previous Aquatic Life Use D.O. impairment is retained. The segment passed the 30-day D.O. criteria for the 2012 cycle, but there was insufficient data to assess all the other D.O. criteria. Therefore, the segment must remain impaired for D.O. and the Open Water is defined as insufficient until all D.O. criteria are assessed. EPA approved Chesapeake Bay TMDL 12/29/2010. The Shallow-Water Submerged Aquatic Vegetation Use is supported based on meeting the SAV criteria.</p>			
VAT-G13E_NAN04D12	Willis Cover , Nansemond River - Lower Middle	0.1183 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012- ESTUARINE BIOASSESSMENT-G13E-08-EBEN (2006) Benthics are supporting ALUS for this segment since 2010.</p> <p>The previous Aquatic Life Use D.O. impairment is retained. The segment passed the 30-day D.O. criteria for the 2012 cycle, but there was insufficient data to assess all the other D.O. criteria. Therefore, the segment must remain impaired for D.O. and the Open Water is defined as insufficient until all D.O. criteria are assessed. EPA approved Chesapeake Bay TMDL 12/29/2010. The Shallow-Water Submerged Aquatic Vegetation Use is supported based on meeting the SAV criteria.</p>			
VAT-G15E_DEC01A06	Deep Creek, Southern Br. Elizabeth R.	0.2714 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012- ESTUARINE BIOASSESSMENT - G15E-01-01-EBEN (2006) Benthic data is supporting for 2012.</p> <p>The Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer and ROY. The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. EPA approved Chesapeake Bay TMDL 12/29/2010.</p> <p>Sediment metals and sediment toxics are supporting ALUS at station 2CDEC000.54.</p> <p>DEQ (C2-2006) station @ 2-DEC000.58 indicates severe benthic impairment.</p>			
VAT-G15E_EBE02A06	Eastern Branch, Elizabeth R. - Lower	1.016 Square Miles	Recreation
<p>Delisting Summary: PARTIAL DELIST 2012 - ENTEROCOCCUS - G15E-02-02-BAC (1998) The Recreation Use is supporting with 7 violations / 70 observations at Station 2-EBE002.98, and 1 viol / 11 obs at Station 2-EBE000.40.</p> <p>1999 CD segment for FC (Attachment A, Category 1, Part 1 & Attachment B) VAT-G15E-02-02.</p>			

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Assessment

Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
James River Basin			
VAT-G15E_GIL01A10	Gilligan Cr - Upper, trib to SB Eliz R	0.0119 Square Miles	Aquatic Life
<p>Delisting Summary:</p> <p>PARTIAL DELIST 2012- ESTUARINE BIOASSESSMENT - G15E-01-01-EBEN (2006) Benthic data is supporting for 2012.</p> <p>The Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer & Year-round and failure to meet the dissolved oxygen criteria for Deep Water - Summer. The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer & ROY.</p>			
VAT-G15E_GIL02A10	Gilligan Cr - Lower, trib to SB Eliz R	0.0107 Square Miles	Aquatic Life
<p>Delisting Summary:</p> <p>PARTIAL DELIST 2012- ESTUARINE BIOASSESSMENT - G15E-01-01-EBEN (2006) Benthic data is supporting for 2012. Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer & ROY. The Deep Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer.</p>			
VAT-G15E_JMS05A06	James River - Newport News Point to NW Corner Craney Isl.	3.6032 Square Miles	Aquatic Life
<p>Delisting Summary:</p> <p>PARTIAL DELIST 2012- ESTUARINE BIOASSESSMENT-G11E-05-EBEN (2010) Benthics are supporting ALUS for this segment since 2010.</p> <p>The previous Aquatic Life Use D.O. impairment is retained. The segment passed the 30-day D.O. criteria for the 2012 cycle, but there was insufficient data to assess all the other D.O. criteria. Therefore, the segment must remain impaired for D.O. and the Open Water is defined as insufficient until all D.O. criteria are assessed. EPA approved Chesapeake Bay TMDL 12/29/2010. The mainstem James River was included in EPA's 1998 303(d) Overlisting as impaired of the Aquatic Life Use; the impairment was attributed to excessive nutrients. During the 2006 cycle, the revised Chesapeake Bay water quality standards were adopted. 1998 CD segment for nutrients (Attachment A, Category 1, Part 2) VAT-G10E-04. Previous Use ID = VAT-G10E-04.</p> <p>The Aquatic Life and Open-Water Aquatic Life Uses are impaired based on failure to meet the revised Chesapeake Bay water criteria for Plankton, as measured using Chlorophyll-a concentrations. The impairment is added for the 2008 IR cycle. As the impairment is related to the EPA's 1998 303(d) Overlisting as impaired of the Aquatic Life Use; the impairment was attributed to excessive nutrients, the TMDL is due in 2010. 1998 CD segment for nutrients (Attachment A, Category 1, Part 2) VAT-G10E-04. Previous Use ID = VAT-G10E-04. The Aquatic Life Use Aquatic Plants [Macrophytes] Use is fully supported based on results indicating the criteria for Water Clarity Acres is met for the 2010 cycle. 1998 CD segment for nutrients (Attachment A, Category 1, Part 2) VAT-G10E-04. Previous Use ID = VAT-G10E-04.</p>			
VAT-G15E_JON02A10	Jones Cr - Lower, trib to SB Eliz R	0.0171 Square Miles	Aquatic Life
<p>Delisting Summary:</p> <p>PARTIAL DELIST 2012 - ESTUARINE BIOASSESSMENT- G15E-01-01-EBEN (2006)</p> <p>The Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer & ROY. The Deep Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer.</p>			

Waters Identified for Delisting Since 2010 Report

Assessment

<i>Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>James River Basin</i>			
VAT-G15E_MAI01A10	Mains Cr. - SB Eliz R. E shore Tributary	0.0126 Square Miles	Aquatic Life
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - ESTUARINE BIOASSESSMENT- G15E-01-01-EBEN (2006)			
The Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer and ROY. The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer & ROY. EPA approved Chesapeake Bay TMDL 12/29/2010.			
VAT-G15E_MCE01A10	Mill Creek - SB Elizabeth R. S. shore tributary	0.0229 Square Miles	Aquatic Life
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - ESTUARINE BIOASSESSMENT- G15E-01-01-EBEN (2006)			
The Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer and ROY. The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer & ROY. EPA approved Chesapeake Bay TMDL 12/29/2010.			
VAT-G15E_MDM01A10	Milldam Cr trib S. Br. Elizabeth R.	0.0702 Square Miles	Aquatic Life
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - ESTUARINE BIOASSESSMENT- G15E-01-01-EBEN (2006)			
The Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer and ROY. The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer & ROY. EPA approved Chesapeake Bay TMDL 12/29/2010.			
VAT-G15E_NMC01A00	New Mill Creek - Southern Br. Elizabeth R.	0.0815 Square Miles	Aquatic Life
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - ESTUARINE BIOASSESSMENT- G15E-01-01-EBEN (2006)			
The Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer and ROY. The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer & ROY. EPA approved Chesapeake Bay TMDL 12/29/2010.			

Waters Identified for Delisting Since 2010 Report

Assessment

<i>Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>James River Basin</i>			
VAT-G15E_NTN01A10	Newton Cr trib to SB Eliz R	0.0395 Square Miles	Aquatic Life
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - ESTUARINE BIOASSESSMENT- G15E-01-01-EBEN (2006)			
The Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer and ROY. The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer & ROY. EPA approved Chesapeake Bay TMDL 12/29/2010.			
VAT-G15E_PAR01A06	Paradise Creek - Upper, trib. to S. Br. Elizabeth R.	0.0252 Square Miles	Aquatic Life
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - Estuarine Bioassessment - G15E-01-01-EBEN (2006)			
The Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Deep-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Deep Water - Summer.			
DEQ (AQM) monitoring station @ 2-PAR000.12, 2-PAR000.77, 2-PAR001.77. CitMon (ACB) Citizen Monitoring station @ 2PAR-PARA1-ALL & 2PAR-PARA2-ALL (DO data NA, pH data (Level II)).			
VAT-G15E_PAR02A10	Paradise Creek - Lower, trib. to S. Br. Elizabeth R.	0.0324 Square Miles	Aquatic Life
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - ESTUARINE BIOASSESSMENT- G15E-01-01-EBEN (2006)			
The Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer and ROY. The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer & ROY. EPA approved Chesapeake Bay TMDL 12/29/2010. The Deep-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Deep Water - Summer. DEQ (AQM) monitoring station @ 2-PAR000.12.			
VAT-G15E_SBE01A00	Southern Branch, Elizabeth R. - Upper	0.6503 Square Miles	Aquatic Life
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - ESTUARINE BIOASSESSMENT- G15E-01-01-EBEN (2004)			
The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer& ROY (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO). The Deep-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Deep Water - Summer (CFD reference conditions using the 2/26/2006 CFD results supplied by CBPO). EPA approved Chesapeake Bay TMDL 12/29/2010.			
This segment was previously included (2004 IR) in TMDL ID: VAT-G15E-01-03 (EPA 1998 overlisting for nutrients).			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
James River Basin			
VAT-G15E_SBE02A06	Southern Branch, Elizabeth R. - Middle	1.0073 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - ESTUARINE BIOASSESSMENT- G15E-01-01-EBEN (2006) This segment is also included in VAT-G15E-01-03 (benthic impairment), and was previously included in VAT-G15E-01-</p> <p>The Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer & ROY, and also impaired based on failure to meet the dissolved oxygen criteria for Deep Water - Summer. The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer & ROY. EPA approved Chesapeake Bay TMDL 12/29/2010. This segment was previously included (2004 IR) in TMDL ID: VAT-G15E-01-03 (EPA 1998 overlisting for nutrients).</p> <p>1999 CD segment for TBT (Attachment A, Category 1, Part 1) VAT-G15E-01-04. Previous Use ID = VAT-G15E-01-04.</p>			
VAT-G15E_SBE03A06	Southern Branch, Elizabeth R. - Lower	0.5981 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - ESTUARINE BIOASSESSMENT- G15E-01-01-EBEN (2006)</p> <p>The Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer & ROY, and also impaired based on failure to meet the dissolved oxygen criteria for Deep Water - Summer. 1999 CD segment for nutrients (Attachment A, Category 1, Part 2) VAT-G15E-01-03 The Deep-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Deep Water - Summer. EPA approved Chesapeake Bay TMDL 12/29/2010.</p> <p>Previous (2006) Use ID = VAT-G15E-01-01.</p>			
VAT-G15E_STJ01A04	Saint Julian Creek	0.1296 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - ESTUARINE BIOASSESSMENT- G15E-01-01-EBEN (2006)</p> <p>The Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer and ROY. The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer & ROY. The Deep-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Deep Water - Summer. EPA approved Chesapeake Bay TMDL 12/29/2010.</p>			
VAT-G15E_WBE02A00	Western Branch, Elizabeth R. - Lower	1.4595 Square Miles	Recreation
<p>Delisting Summary: PARTIAL DELIST 2012 - ENTEROCOCCI - G15E-04-01-BAC (2004)</p> <p>The Recreation Use is supporting based on Enterococci data from Station 2-WBE002.11 with 1 viol / 12 obs. Data is from 2009 and 2010. The previous impairment was based on exceedance of the criteria for Enterococcus bacteria as exhibited by data from the upstream station 2-WBE004.44 (11 viol. / 70 obs.). This segment is included in the Bacteria TMDL Development for the Elizabeth River Watershed EPA approved 7/20/2010. TMDL ID = VAT-G15E-04-01.</p>			

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<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
James River Basin			
VAT-G15E_XFR01A10	UT to SB Elizabeth R. S shore estuary SE of Mill Cr.	0.0077 Square Miles	Aquatic Life
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - ESTUARINE BIOASSESSMENT- G15E-01-01-EBEN (2006) The Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer & Year-round and failure to meet the dissolved oxygen criteria for Deep Water - Summer. The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer & ROY.			
VAT-G15E_XQT01A10	UT to SB Elizabeth R. N shore creek near Great Bridge Locks	0.0442 Square Miles	Aquatic Life
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - ESTUARINE BIOASSESSMENT- G15E-01-01-EBEN (2006) The Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer & ROY. The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer & ROY.			
VAT-G15E_XQU01A10	SB Eliz N shore creek SW of Mains Cr.	0.0192 Square Miles	Aquatic Life
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - ESTUARINE BIOASSESSMENT- G15E-01-01-EBEN (2006) The Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer & Year-round. The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer & Rest of Year (ROY).			
VAT-G15E_ZZZ02A08	Unsegmented estuaries in SBEMH	0.0582 Square Miles	Aquatic Life
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - ESTUARINE BIOASSESSMENT- G15E-01-01-EBEN (2006) The Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer & Year-round. The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer & ROY.			
VAV-H23R_SKM01A10	Stockton Creek	10.56 Miles	Aquatic Life
<i>Delisting Summary:</i> DELIST 2012 - Benthic Macroinvertebrates - H23R-05-BEN (2010) Stockton Creek was originally listed on the 303(d) list for violating the State's water quality General Standard for benthic macroinvertebrates during the 2010 assessment period. This was based on an impaired for VSCI scores at probabilistic monitoring site 2-SKM001.04 in the spring and fall of 2007. As this site was on private property, follow up monitoring was conducted at 2-SKM001.63 in the spring and fall of 2009 which had similar habitat characteristics and was determined to be fully supporting aquatic life based on fully supporting for VSCI scores. Based on this improvement in the benthic macroinvertebrate community above the fully supporting VSCI score of 60, Stockton Creek should be removed from the 303(d) list.			

Waters Identified for Delisting Since 2010 Report

*Assessment
Unit ID*

Waterbody Name

Size

Uses Partially / Fully Restored

James River Basin

VAV-H32L_00	Fluvanna Ruritan Lake	51.13 Acres	Aquatic Life
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Delisting Summary:

PARTIAL DELIST 2012 - pH - H32L-01-PH (2006)

Fluvanna Ruritan Lake (2-CFK004.34) was originally listed on the 303(d) list for violating the State's water quality standard for pH during the 2006 assessment period. This was based on 23 violations of 35 samples (65.7%) for pH. During the 2012 assessment period, 5 of 63 (7.9%) samples exceeded the State's water quality standard for pH at 2-CFK004.34.

Based on this improvement in water quality below a 10.5% violation rate, Fluvanna Ruritan Lake should be removed from the 303(d) list.

VAV-I17R_PDS01A02	S.F. Pads Creek	24.8 Miles	Aquatic Life
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Delisting Summary:

DELIST 2012 - Benthic Macroinvertebrates - I17R-01-BEN (2004)

South Fork Pads Creek was originally listed on the 303(d) list for violating the State's water quality General Standard for benthic macroinvertebrates during the 2004 assessment period. This was based on a moderately impaired benthic status (MAIS - 11) at US Forest Service monitoring site 6008. This assessment was based on the Macroinvertebrate Aggregated Index for Streams (MAIS) utilized by the USFS for benthic assessment. Data during the 2012 assessment cycle show that US Forest Service site 6008 has improved and is currently scored at 16 on the MAIS scale. In addition, US Forest Service site 6048 which is located in the same assessment unit is considered fully supporting the benthic community based on MAIS scores of 13 and 15.

Based on this improvement in the benthic macroinvertebrate community above the fully supporting MAIS score of 12, the South Fork Pads Creek should be removed from the 303(d) list.

VAV-I30R_CFP02A00	Calfpasture River	19.24 Miles	Recreation
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Delisting Summary:

DELIST 2012 - Bacteria - 19.34 Miles - I30R-01-BAC (2006)

This section of the Calfpasture River was originally listed on the 303(d) list for violating the State's water quality standard for e-coli bacteria during the 2006 assessment period. This impairment included a number of assessment units with several listing stations including 2-CFP004.67. This station had 3 violations of 12 samples (25%) during the 2006 assessment cycle. Data during the 2012 assessment period show 4 violations of 64 samples (5.8%) at station 2-CFP004.67. With this station indicating improvement in water quality below the 10.5% violation rate, the e-coli bacteria impairment on this portion of the Calfpasture River should be shortened 19.24 miles and this portion of the Calfpasture River removed from the 303(d) list. The remaining impairment length is 2.28 miles.

Waters Identified for Delisting Since 2010 Report

Assessment

<i>Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>James River Basin</i>			
VAV-I32R_LCF01A00	Little Calfpasture River	0.82 Miles	Aquatic Life
<p><i>Delisting Summary:</i> PARTIAL DELIST 2012 - Dissolved Oxygen - I32R-02-DO (2010)</p> <p>The Little Calfpasture River was originally listed on the 303(d) list for violating the State's water quality standard for dissolved oxygen during the 2010 assessment period. This impairment was based on continuous monitoring data at station 2-LCF000.02. Data in the 2010 assessment period indicated 9 days of 14 violated the DO daily average water quality standard of 5 mg/l. During this same time period, the Boy Scouts of America (owners of Lake Merriweather and the Lake Merriweather dam) in consultation with DEQ staff raised the cold water release of the dam. This action allowed the water exiting the lake to be drawn from above the naturally occurring thermocline in summer months where dissolved oxygen levels are adequate for aquatic life. This modification to the dam has led to two additional years of continuous monitoring data that show 0 violations of 14 days for the average daily DO water quality standard of 5 mg/l at station 2-LCF000.02.</p> <p>Based on this improvement in water quality of no violations in two consecutive years of continuous data following the dam modification, the Little Calfpasture River should be removed from the 303d list for dissolved oxygen.</p>			
VAV-I33R_MRY02A04	Maury River	6.12 Miles	Recreation
<p><i>Delisting Summary:</i> DELIST 2012 - Bacteria - I33R-02-BAC (2006)</p> <p>The Maury River was originally listed on the 303(d) list for violating the State's water quality standard for e-coli bacteria during the 2006 assessment period. During the 2006 assessment period, 5 of 15 samples (33.33%) at station 2-MRY038.29 violated the State's water quality standard for e-coli bacteria. During the 2012 assessment period, 3 of 35 samples (8.57%) exceeded the State's water quality standard for e-coli at station 2-MRY038.29.</p> <p>Based on this improvement in water quality below a 10.5% violation rate, the Maury River should be removed from the 303(d) list.</p>			
VAV-I34R_OTSO1A00	Otts Creek	5.11 Miles	Aquatic Life
<p><i>Delisting Summary:</i> PARTIAL DELIST 2012 - Temperature - I34R-04-TEMP (2008)</p> <p>Otts Creek was originally listed on the 303(d) list for violating the State's temperature standard for natural trout waters (20°C) during the 2008 assessment period. During the 2008 assessment period, 4 of 30 samples (13.3%) exceeded the State's water quality standard for temperature in natural trout waters at station 2-OTS000.45. During the 2012 assessment period, 3 of 33 samples (9.09%) exceeded the State's water quality standard for temperature in natural trout waters (20°C) at station 2-OTS000.45.</p> <p>Based on this improvement in water quality below a 10.5% violation rate, Otts Creek should be removed from the 303(d) list.</p>			

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
James River Basin			
VAV-I37R_MRY03A00	Maury River	4.58 Miles	Recreation
<p>Delisting Summary: PARTIAL DELIST 2012 - Bacteria - I37R-03-BAC - 4.58 Miles (2006)</p> <p>The Maury River was originally listed on the 303(d) list for violating the State's water quality standard for e-coli bacteria during the 2006 assessment period. During the 2006 assessment period, 3 of 18 samples (16.67%) at station 2-MRY014.78 violated the State's water quality standard for e-coli bacteria. During the 2012 assessment period, 6 of 68 samples (8.82%) exceeded the State's water quality standard for e-coli at station 2-MRY038.29.</p> <p>Based on this improvement in water quality below a 10.5% violation rate, the Maury River should be removed from the 303(d) list.</p>			
VAW-I07R_DNP01A00	Dunlap Creek	2.54 Miles	Recreation
<p>Delisting Summary: DELIST 2012 - Escherichia coli - VAW-I07R-01, 50261, L07R-01-BAC (2006)</p> <p>These initially 2006 Listed waters are fully delisted with the 2012 IR. Bacteria (E.coli) excursions of the 235 cfu/100 ml instantaneous criterion are zero of 14 observations with an exceedance rate of 0.0% at station 2-DNP001.98 (Route 603 Bridge at Earlehurst). The 2006 initial 303(d) Listing is based on two of nine E.coli excursions. Exceeding values were 320 and 400 cfu/100 ml. The bacteria (E.coli) 303(d) Listing continued through the 2010 Cycle.</p>			
VAW-I07R_DNP02A00	Dunlap Creek	3.77 Miles	Recreation
<p>Delisting Summary: DELIST 2012 - Escherichia coli - VAW-I07R-01, 50261, L07R-01-BAC (2006)</p> <p>These initially 2006 Listed waters are fully delisted with the 2012 IR. Bacteria (E.coli) excursions of the 235 cfu/100 ml instantaneous criterion are zero of 14 observations with an exceedance rate of 0.0% at station 2-DNP001.98 (Route 603 Bridge at Earlehurst). The 2006 initial 303(d) Listing is based on two of nine E.coli excursions. Exceeding values were 320 and 400 cfu/100 ml. The bacteria (E.coli) 303(d) Listing continued through the 2010 Cycle.</p>			
VAW-I09R_JKS01A00	Jackson River	3.48 Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 / General Standard- Benthic / I09R-01-BEN- VAW-I04R-01 / Fed IDs: 39017, 39022 / (1998 / 1996).</p> <p>The waters are partially de-listed as Virginia Stream Condition Index (VSCI) scores of the 1996-1998 Listed reach achieves VSCI scores above 60. VSCI scores at 2-JKS006.67 have steadily increased since 2001. Improvements at discharging facilities have had a positive effect on the benthic community. 2012 flow adjusted trend analysis show a significant declining trend for total phosphorus and total nitrogen in both upstream station 2-JKS023.61 and downstream station 2-JKS000.38. 2007 - 2010 VSCI scores from four surveys have an average of 64.10. Benthic trend analysis also shows improving conditions (+10 points) over the time period of 1994 - 2010. The VSCI is a multi-metric statewide stream index of biotic integrity that is based on data collected from minimally impacted reference sites throughout Virginia. This index shows that an SCI score of 60.0 is the lower limit for reference (or, unimpaired) conditions in a benthic community.</p>			

Waters Identified for Delisting Since 2010 Report

Assessment

<i>Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
James River Basin			
VAW-I09R_JKS02A00	Jackson River	1.71 Miles	Aquatic Life
Delisting Summary:			
PARTIAL DELIST 2012 / General Standard- Benthic / I09R-01-BEN / VAW-I04R-01 / Fed IDs: 38996, 39003 / (1998 / 1996). The waters are partially de-listed as Virginia Stream Condition Index (VSCI) scores of the 1996-1998 Listed reach achieves VSCI scores above 60. VSCI scores at 2-JKS006.67 have steadily increased since 2001. Improvements at discharging facilities have had a positive effect on the benthic community. 2012 flow adjusted trend analysis show a significant declining trend for total phosphorus and total nitrogen in both upstream station 2-JKS023.61 and downstream station 2-JKS000.38. 2007 - 2010 VSCI scores from four surveys have an average of 64.10. Benthic trend analysis also shows improving conditions (+10 points) over the time period of 1994 - 2010. The VSCI is a multi-metric statewide stream index of biotic integrity that is based on data collected from minimally impacted reference sites throughout Virginia. This index shows that an SCI score of 60.0 is the lower limit for reference (or, unimpaired) conditions in a benthic community.			
VAW-I09R_JKS03A00	Jackson River	4.62 Miles	Aquatic Life
Delisting Summary:			
DELIST 2012 / General Standard- Benthic - 4.62 - I09R-01-BEN- VAW-I04R-01 / Fed IDs: 38997, 39004 / (1998 / 1996). The waters are partially de-listed as Virginia Stream Condition Index (VSCI) scores of the 1996-1998 Listed reach achieves VSCI scores above 60. VSCI scores at 2-JKS006.67 have steadily increased since 2001. Improvements at discharging facilities have had a positive effect on the benthic community. 2012 flow adjusted trend analysis show a significant declining trend for total phosphorus and total nitrogen in both upstream station 2-JKS023.61 and downstream station 2-JKS000.38. 2007 - 2010 VSCI scores from four surveys have an average of 64.10. Benthic trend analysis also shows improving conditions (+10 points) over the time period of 1994 - 2010. The VSCI is a multi-metric statewide stream index of biotic integrity that is based on data collected from minimally impacted reference sites throughout Virginia. This index shows that an SCI score of 60.0 is the lower limit for reference (or, unimpaired) conditions in a benthic community.			
VAW-I18R_MIV01A00	Mill Creek	4.94 Miles	Recreation
Delisting Summary:			
DELIST 2012 - Escherichia coli - 01692 - VAW-I18R-02 - I18R-02-BAC - (2004 [FC] 2008 [E.coli]) The waters are delisted as bacteria (E.coli) excursions of the WQS 235 cfu/100 ml instantaneous criterion are zero of 20 observations or an exceedance rate of 0.0% at station 2-MIV000.39 (Rt. 694 Bridge, Gala). The 2004 initial 303(d) Listing is based on three of 17 fecal coliform excursions of the former WQS instantaneous criterion of 400 cfu/100 ML. FC exceeding values range from 500 to 1300 cfu/100 ml within the 2004 Data Window (1998 to 2002). The bacteria (FC) 303(d) Listing continued through the 2006 Cycle; subsequent Cycles, 2008 and 2010, continued the Listing with E.coli as the cause of impairment. E.coli data were insufficient to de-list these waters until the 2012 Cycle.			
VAW-I23R_BAR01A02	Barbours Creek	6.29 Miles	Aquatic Life
Delisting Summary:			
DELIST 2012 - Temperature - 50036, I22R-01-TEMP, VAW-I19R-01, VAW-I23R-01 - 2006 The waters are delisted as temperature excursions of the WQS Class VI - Natural Trout water criterion of 20°C are zero of 15 observations or an exceedance rate of 0.0% at station 2-BAR010.10 (Rt. 617 Bridge upstream of Picnic Area). The 2006 initial 303(d) Listing is based on four of 18 temperature excursions. Temperature exceedances occur in July 2000, 2003 and 2004 and the maximum exceedance occurs on September 2, 2003 at 22.9 °C. The temperature 303(d) Listing continued through the 2010 Cycle. Temperature excursions are believed natural due to extremely dry conditions at the time of measurement.			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>James River Basin</i>			
VAW-I25R_CAT05A02	Catawba Creek	5.06 Miles	Aquatic Life
<i>Delisting Summary:</i> DELIST 2012 - General Standard - Benthic - 5.07 miles - I25R-01-BEN / VAW-L25R-01 (2008) Station 2-CAT028.98 produces full support 'FS' from two 2010 Virginia Stream Condition Index (VSCI) surveys with scores of spring 64.3 and fall 70.1; and average score of 67.2, The VSCI is a multi-metric statewide stream index of biotic integrity that is based on data collected from minimally impacted reference sites throughout Virginia. This index shows that an SCI score of 60.0 is the lower limit for reference (or, unimpaired) conditions in a benthic community.			
VAW-I25R_CAT06A08	Catawba Creek	4.09 Miles	Aquatic Life
<i>Delisting Summary:</i> DELIST 2012 - General Standard - Benthic - 4.09 miles - I25R-01-BEN / VAW-L25R-01 (2008) Station 2-CAT028.98 produces full support 'FS' from two 2010 Virginia Stream Condition Index (VSCI) surveys with scores of spring 64.3 and fall 70.1; and average score of 67.2, The VSCI is a multi-metric statewide stream index of biotic integrity that is based on data collected from minimally impacted reference sites throughout Virginia. This index shows that a VSCI score of 60.0 is the lower limit for reference (or, unimpaired) conditions in a benthic community.			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>Rappahannock River Basin</i>			
VAN-E14R_ROB01A06	Robinson River	3.42 Miles	Recreation
<i>Delisting Summary:</i> DELIST 2012 - E. coli - E14R-01-BAC, 60091 (CFL 2006)			
During the 2010 cycle, this segment was assessed as not supporting the recreation use because of excursions from the maximum E. coli bacteria criterion (4 of 37 samples - 10.8%) recorded at DEQ's ambient water quality monitoring station 3-ROB017.24 at the Route 638 bridge. Additional bacteria monitoring has been conducted and found that a total of 2 of 28 samples (7.1%) exceed the maximum E. coli bacteria criterion. It has been determined that this segment should be delisted for E. coli based upon an acceptable exceedance rate.			
VAN-E14R_ROB01B06	Robinson River	0.73 Miles	Recreation
<i>Delisting Summary:</i> DELIST 2012 - E. coli - E14R-01-BAC, 60091, VAN-E14R-01 (CFL 2002)			
During the 2010 cycle, this segment was assessed as not supporting the recreation use because of excursions from the maximum E. coli bacteria criterion (4 of 37 samples - 10.8%) recorded at DEQ's ambient water quality monitoring station 3-ROB017.24 at the Route 638 bridge. Additional bacteria monitoring has been conducted and found that a total 2 of 28 samples (7.1%) exceed the maximum E. coli bacteria criterion. It has been determined that this segment should be delisted for E. coli based upon an acceptable exceedance rate.			
VAN-E20R_MAP02A02	Massaponax Creek	1.13 Miles	Aquatic Life
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - pH and 1.13 miles - E20R-03-PH, 60115 (CFL 2006)			
During the 2010 cycle, this segment was part of a larger 6.06 mile segment assessed as not supporting the aquatic life use because of pH impairments (6 of 35 samples - 17.1%) at the Route 1 bridge (3-MAP007.97). Additional monitoring has been conducted at station 3-MAP002.61, located at the Route 609 bridge, and found that a total of 0 of 33 samples (0.0%) exceed the lower limit of the pH criterion range. It has been determined that this newly split segment should be delisted for pH based upon an acceptable exceedance rate.			
VAN-E21E_RPP04A02	Rappahannock River	1.2041 Square Miles	Recreation
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - E. coli - E20E-01-BAC, VAN-E20E-01, 00322 (CFL 2002, as fecal coliform)			
During the 2010 cycle, this segment was assessed as not supporting the recreation use because of excursions from the maximum E. coli bacteria criterion (9 of 59 samples - 15.3%) recorded at DEQ's ambient water quality monitoring station 3-RPP091.55 at Buoy 89. Additional bacteria monitoring has been conducted and found that a total of 6 of 69 samples (8.7%) exceed the maximum E. coli bacteria criterion. It has been determined that this segment should be delisted for E. coli based upon an acceptable exceedance rate.			

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
Rappahannock River Basin			
VAP-E22E_RPP01A02	Rappahannock River	5.1212 Square Miles	Recreation
<p>Delisting Summary: PARTIAL DELIST 2012 - E. coli - E22E-04-BAC (CFL 2008)</p> <p>During the 2008 cycle, the Rappahannock River from Devils Elbow downstream to the oligohaline boundary was assessed as not supporting of the Recreation Use due to E. coli exceedances at 3-RPP064.40. The violation rate was acceptable during the 2012 cycle (6/65), therefore the segment will be delisted.</p>			
VAP-E23E_PIS02A00	Piscataway Creek	0.588 Square Miles	Fish Consumption
<p>Delisting Summary: PARTIAL DELIST 2012 - Mercury - E23E-04-HG (CFL 2010)</p> <p>During the 2010 cycle, tidal Piscataway Creek was assessed as impaired of the Fish Consumption Use due to mercury fish tissue value exceedances in largemouth bass and bowfin. The samples were collected at station 3-PIS004.79 during 2006.</p> <p>However, during the 2012 cycle, it was realized that bowfin are excluded because fish consumption surveys indicate that it is rarely consumed in Virginia. Piscataway will be delisted, however mercury will remain an observed effect to encourage further monitoring.</p>			
VAP-E23E_RPP02C12	Rappahannock River	1.8143 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - 1.8143 mi2 Fecal Coliform - E23E-01-SF / 01041 / VAP-E23E-01 / Federal ID 39045 (CFL 1998)</p> <p>The Upper Rappahannock River Watershed Shellfish TMDL was approved by the EPA on 8/10/2010, therefore the impaired area is considered Category 4A. However, condemnation VDH Shellfish Condemnation 025-068A, 3/5/2009 was shortened in the 2012 cycle. The area currently open for harvest will be partially delisted (Cat. 2C).</p>			
VAP-E23E_ZZZ02C12	Unsegmented estuaries in E23	0.0039 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - 0.0039 mi2 Fecal Coliform - E23E-01-SF / 01041 / VAP-E23E-01 / Federal ID 39046 (CFL 1998)</p> <p>The Upper Rappahannock River Watershed Shellfish TMDL was approved by the EPA on 8/10/2010, therefore the impaired area is considered Category 4A. The condemnation was shortened in the 2012 cycle. The area currently open for harvest is considered Cat. 2C.</p>			
VAP-E24E_RPP01B98	Garrett's Marina	0.0294 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - E24E-03-SF / 01050 / VAP-E23E-03 / Federal ID 39049 (CFL 1998)</p> <p>Garrett's Marina has been impaired of the Shellfish Consumption Use since the 1998 cycle. During the 2008 cycle, the condemnation expanded and incorporated previous condemnation M271, which had been seasonally condemned (observed effects). VDH condemnation 026-181A, 1/20/2006 was rescinded during the 2012 cycle; the area is currently seasonally condemned and will be delisted. However, Garrett's Marina was included in the Upper Rappahannock Watershed Shellfish TMDL, which was approved by the EPA on 8/10/2010, therefore it is considered Category 2C/2B.</p>			

Waters Identified for Delisting Since 2010 Report

Assessment

<i>Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>Rappahannock River Basin</i>			
VAP-E24E_RPP01C06	Rappahannock River	0.0613 Square Miles	Shellfishing
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - 0.0613 mi ² Fecal Coliform - E24E-01-SF / VAP-E24E-06 Federal ID 39392 (CFL 2006)			
Previous shellfish condemnations have included Totuskey and Richardson Creeks (separately or combined). The streams have been impaired since the 1998 cycle. However, in 2006 the segments, were recombined under 025-071A, 12/22/2004 and extended into the Rappahannock mainstem. The condemnation was further extended in the 2008 cycle per condemnation 024-071A, 10/4/2005.			
However, during the 2010 cycle the condemnation was shortened and it was determined that the entire portion of the condemnation located within Totuskey Creek and portions of the Rappahannock River and Richardson Creek are considered administrative (VDH-DSS SFC 025-071A, 4/2/2008.) Those areas were partially delisted. The condemned portion remained Cat. 5B.			
The condemnation was shortened and split in the 2012 cycle and the Rappahannock River and the mouth of Richardson Creek are now open for harvest; those portions will be partially delisted. The upstream portion of Richardson Creek remains listed.			
The Totuskey and Richardson Creeks Bacterial TMDL was approved by the EPA on 2/19/2010. The TMDL was based on the maximum extent of the condemnation, which occurred in condemnation 025-071A, 3/16/2007. The segment is considered Category 2C.			
VAP-E24R_LIK01A08	Little Totuskey Creek	1.9 Miles	Aquatic Life
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - pH - E24R-04-PH (CFL 2010)			
During the 2010 cycle, Little Totuskey Creek was considered not supporting of the Aquatic Life Use based on pH exceedances at 3-LIK002.12, which is located at the Route 697 bridge.			
During the 2012 cycle, it was determined that the stream is tidally influenced at that location. Additional monitoring at 3-LIK002.21 (Route 360 bridge) was acceptable (0/12), therefore the stream will be delisted for pH.			
VAP-E25E_HRY01A06	Harry George Creek	0.0944 Square Miles	Shellfishing
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - Fecal Coliform - E25E-20-SF / 10080 / VAP-E25E-20 (CFL 2006)			
VDH Shellfish Condemnation 027-202B, 8/26/2008 was rescinded on 8/26/2010. The area is open for harvest and will be delisted.			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>Rappahannock River Basin</i>			
VAP-E25E_LGG01B12	Lagrange Creek	0.126 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - 0.1260 mi2 Fecal Coliform - E25E-01-SF / 00196 / VAP-E25E-01 / Federal ID 25356 (CFL 1998)</p> <p>VDH Shellfish Condemnation 028-127A, 2/5/2009</p> <p>A portion of Lagrange Creek was assessed in 1998 as not supporting the Shellfish Consumption Use based on VDH-DSS Condemnation 127, 6/11/1996. The TMDL for this original portion was completed and approved by the EPA on 11/15/2005. The segment is classified as Cat. 4A. During the 2006 cycle, however, the condemnation was extended downstream. The downstream expansion was addressed in fact sheet E25E-21-SF.</p> <p>The area was a portion of VDH Shellfish Condemnation 028-127, 2/24/2004 during the 2010 cycle. However, during the 2012 cycle, the condemnation retracted and is now smaller than the TMDL study area (028-127A, 2/5/2009. The condemned area remains Category 4A; the reopened area will be partially delisted.</p>			
VAP-E25E_LGG02A06	Lagrange Creek	0.0561 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - E25E-21-SF / 10081 / VAP-E25E-21 (CFL 2006)</p> <p>The upstream portion of Lagrange Creek was assessed in 1998 as not supporting the Shellfish Consumption Use based on VDH-DSS Condemnation 127, 6/11/1996. The TMDL for the original portion was completed and approved by the EPA on 11/15/2005. During the 2006 cycle, however, the condemnation was extended downstream. The TMDL for this expansion is due in 2018. The area was a portion of VDH Shellfish Condemnation 028-127, 2/24/2004 during the 2010 cycle. However, during the 2012 cycle, the condemnation rescinded and is now smaller than the TMDL study area. The expansion will be delisted.</p>			
VAP-E25E_MUC01A04	Mud Creek	0.2045 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - E25E-06-SF (CFL 2010)</p> <p>VDH Shellfish Condemnation 027-090B, 8/26/2008 was rescinded during the 2012 cycle and is open for harvest on condemnation 027-090, 8/18/2009, therefore it will be delisted.</p> <p>The Shellfish TMDL report for "Rappahannock River: Mud and Parrotts Creeks" was approved by the EPA on 11/15/2005 and by the SWCB on 8/26/2008. However, Mud Creek was open for harvest at the time and the area was not included in the TMDL.</p>			
VAP-E25E_ROS01B12	Robinson Creek	0.0259 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - 0.0259 mi2 Fecal Coliform - E25E-02-SF / 00197 / VAP-E25E-02 / Federal ID 25367 (CFL 1998)</p> <p>The upstream portion of Robinson Creek was assessed in 1998 as not supporting the Shellfish Consumption Use based on VDH-DSS Condemnation 177, 5/28/1997. The TMDL was approved by the EPA on 11/15/2005 and by the SWCB on 9/27/2006. The segment is classified as Category 4A. The condemnation subsequently expanded during the 2006 cycle; the expansion is addressed in fact sheet E25E-22-SF.</p> <p>During the 2012 cycle, the condemnation retracted and split. Section 028-177A, 2/5/2009 is now smaller than the TMDL study area and the open portion will be partially delisted (Category 2C.)</p>			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
Rappahannock River Basin			
VAP-E25E_ROS02B12	Robinson Creek	0.0067 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - E25E-22-SF / 10082 / VAP-E25E-22 (CFL 2006) VDH Shellfish Condemnation 028-177M1, 1/23/2008</p> <p>The upstream portion of Robinson Creek was assessed in 1998 as not supporting the Shellfish Consumption Use based on VDH-DSS Condemnation 177, 5/28/1997. The TMDL for the original portion was completed and approved by the EPA on 11/15/2005. During the 2006 cycle, however, the condemnation was extended downstream. The TMDL for the expansion is due in 2018.</p> <p>The expansion shrank and split in both the 2010 and 2012 cycles. In addition, this portion of the condemnation is seasonally condemned (partial delist).</p>			
VAP-E25E_RPP01C10	Rappahannock River - Mark Haven Beach Basin	0.0104 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - E24E-04-SF / 01065 / VAP-E24E-04 / Federal ID 39256 (CFL 2008)</p> <p>A portion of Mark Haven Beach (upstream of the jetties) was listed as impaired on the 1998 303(d) list due to VDH Shellfish Condemnation 181B, 11/16/1995. The condemnation expanded during the 2008 cycle and extended downstream into the main channel of the Rappahannock River.</p> <p>However, during the 2010 cycle, it was determined that the original area is considered administratively condemned and was delisted; the 2008 expansion remained impaired (Cat 5B). As the area first expanded in the 2008 cycle, the TMDL was due in 2020. However, VDH-DSS Shellfish Condemnation 026-181B, 1/20/2006 was rescinded in the 2012 cycle and is open on condemnation 026-181, 3/23/2010. The TMDL was approved by the EPA on 8/10/2010, therefore it is Category 2C.</p>			
VAP-E25E_WEE01A00	Weeks Creek	0.1226 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - E25E-09-SF / 01066/ VAP-E25E-09 / Federal ID 25366 (CFL 1998)</p> <p>The segment was assessed as not supporting of the Shellfish Use during the 1998 cycle due to VDH shellfish condemnation 202, 10/8/1996. This segment was a portion of SFC 027-202A, 8/16/2006, during the 2010 cycle. The TMDL was completed for the original 1998 segment during the 2006 cycle and approved by the EPA on 11/15/2005 and by the SWCB on 9/27/2006. Because the TMDL only covered the original upstream 1998 impairment, the downstream portion remained Category 5B (see fact sheet E25E-08-SF).</p> <p>However, during the 2012 cycle, the condemnation was rescinded on 8/16/2010, therefore both this original impairment and the downstream expansion will be delisted (Category 2C/2A, respectively).</p>			

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
Rappahannock River Basin			
VAP-E25E_WEE02A04	Weeks Creek	0.0344 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - E25E-08-SF / 10079 / VAP-E25E-08 (CFL 2006)</p> <p>A portion of Weeks Creek was assessed as not supporting of the Shellfish Use during the 1998 cycle due to VDH shellfish condemnation 202, 10/8/1996. The condemnation has since expanded; during the 2010 cycle it was a portion of VDH Shellfish Condemnation 027-202A, 8/26/2008. However the TMDL was completed only for the original 1998 segment (approved by the EPA on 11/15/2005 and by the SWCB on 9/27/2006). Because the TMDL only covered the original impairment, this downstream expansion remained Category 5B. The TMDL for this downstream portion was due in 2018.</p> <p>However, during the 2012 cycle, the condemnation was rescinded on 8/16/2010, therefore both the original impairment and the downstream expansion will be delisted.</p>			
VAP-E25R_MAO01A00	Masons Mill Swamp	3.36 Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - pH - E25R-17-PH / VAP-E25E-17 / 01061 (CFL 2004)</p> <p>During previous cycles, Masons Mill Swamp was mistakenly assessed as a tidal water. The segment was assessed as not supporting the Aquatic Life Use based on pH exceedances at 3-MAO000.62 (Route 604 bridge). However, during the 2008 cycle, it was determined that station 3-MAO000.62 is on the free flowing section of Masons Mill Swamp. The stream remained impaired due to a pH exceedance rate of 5/13. The pH TMDL continued to be due in 2016.</p> <p>However, additional monitoring was conducted in the 2012 cycle and the pH values were acceptable (0/14), therefore Masons Mill Swamp will be delisted.</p>			
VAP-E26E_BRD01A00	Broad Creek	0.0838 Square Miles	Recreation
<p>Delisting Summary: PARTIAL DELIST 2012 - Enterococci - E26E-20-BAC / 10083 / VAP-E26E-20 (CFL 2006)</p> <p>Broad Creek was considered fully supporting but threatened of the Recreation Use in 1998 due to BPJ (6 dischargers into embayment), but there were acceptable fecal coliform violation rates in both the 2002 and 2004 cycles, so it was dropped in 2004.</p> <p>In the 2006 cycle, the fecal coliform violation rate remained acceptable (0/23), however the enterococci violation rate failed, therefore the segment was considered impaired of the Recreation Use. The impairment continued in the 2010 cycle due to an Enterococci violation rate of 3/27. The TMDL was due in 2018. However, additional monitoring during the 2012 cycle indicated acceptable exceedance rates at both stations 3-BRD000.31 (2/21) and 3-BRD000.62 (2/30), therefore Broad Creek will be delisted.</p>			

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Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
Rappahannock River Basin			
VAP-E26E_BRD02A00	Broad Creek	0.0246 Square Miles	Recreation
Delisting Summary:			
PARTIAL DELIST 2012 - Enterococci - E26E-20-BAC / 10083 / VAP-E26E-20 (CFL 2006)			
Broad Creek was considered fully supporting but threatened of the Recreation Use in 1998 due to BPJ (6 dischargers into embayment), but there were acceptable fecal coliform violation rates in both the 2002 and 2004 cycles, so it was dropped in 2004.			
In the 2006 cycle, the fecal coliform violation rate remained acceptable (0/23), however the enterococci violation rate failed, therefore the segment was considered impaired of the Recreation Use. The impairment continued in the 2010 cycle due to an Enterococci violation rate of 3/27. The TMDL was due in 2018. However, additional monitoring during the 2012 cycle indicated acceptable exceedance rates at both stations 3-BRD000.31 (2/21) and 3-BRD000.62 (2/30), therefore Broad Creek will be delisted.			
VAP-E26E_BRD03A00	Broad Creek	0.0157 Square Miles	Recreation
Delisting Summary:			
PARTIAL DELIST 2012 - Enterococci - E26E-20-BAC / 10083 / VAP-E26E-20 (CFL 2006)			
Broad Creek was considered fully supporting but threatened of the Recreation Use in 1998 due to BPJ (6 dischargers into embayment), but there were acceptable fecal coliform violation rates in both the 2002 and 2004 cycles, so it was dropped in 2004.			
In the 2006 cycle, the fecal coliform violation rate remained acceptable (0/23), however the enterococci violation rate failed, therefore the segment was considered impaired of the Recreation Use. The impairment continued in the 2010 cycle due to an Enterococci violation rate of 3/27. The TMDL was due in 2018. However, additional monitoring during the 2012 cycle indicated acceptable exceedance rates at both stations 3-BRD000.31 (2/21) and 3-BRD000.62 (2/30), therefore Broad Creek will be delisted.			
VAP-E26E_BRD04A00	Broad Creek	0.0366 Square Miles	Recreation
Delisting Summary:			
PARTIAL DELIST 2012 - Enterococci - E26E-20-BAC / 10083 / VAP-E26E-20 (CFL 2006)			
Broad Creek was considered fully supporting but threatened of the Recreation Use in 1998 due to BPJ (6 dischargers into embayment), but there were acceptable fecal coliform violation rates in both the 2002 and 2004 cycles, so it was dropped in 2004.			
In the 2006 cycle, the fecal coliform violation rate remained acceptable (0/23), however the enterococci violation rate failed, therefore the segment was considered impaired of the Recreation Use. The impairment continued in the 2010 cycle due to an Enterococci violation rate of 3/27. The TMDL was due in 2018. However, additional monitoring during the 2012 cycle indicated acceptable exceedance rates at both stations 3-BRD000.31 (2/21) and 3-BRD000.62 (2/30), therefore Broad Creek will be delisted.			

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Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
Rappahannock River Basin			
VAP-E26E_CEB01A00	Eastern Branch Carter Creek	0.0838 Square Miles	Recreation
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - E26E-17-BAC / 01072 / VAP-E26E-17 (CFL 2004)</p> <p>In the 2004 cycle, the segment was listed as impaired of the Recreation Use goal based on a fecal coliform violation rate of 5/38 at 3-CEB001.92, located at Route 200. Although the violation rate in the 2006 cycle dropped to 0/15, the monitoring ceased in 2002, therefore the previous impairment was carried over. The TMDL is due in 2016. During the 2008 cycle, the impairment was adjusted to be coincident with VDH condemnation 041C, 11/1/1996. The Shellfish TMDL for Eastern Branch Carters Creek was approved by the EPA on 9/20/2007; the Recreation Use impairment was considered nested because the Shellfish fecal coliform standard is more stringent than the Recreation Use WQS.</p> <p>However, additional monitoring was conducted during the 2012 cycle at 3-CEB001.92. The enterococci exceedance rate is now acceptable (1/12), therefore the segment will be delisted for the Recreation Use.</p>			
VAP-E26E_CRR01A00	Corrotoman River	3.7667 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - Estuarine Bioassessments - E26E-47-EBEN (CFL 2008)</p> <p>The mainstem Corrotoman River within the mesohaline CRRMH segment was assessed as not supporting of the Aquatic Life Use during the 2008 cycle due to benthic alteration at Coastal 2000 weight-of-evidence station 3-CRR000.58. Coastal 2000 station 3-CRR001.08 had acceptable water quality (category 2A.)</p> <p>In addition, the Eastern Branch Corrotoman River was impaired due to Coastal 2000 station 3-CTM000.63 (see 2008 fact sheet E26E-52-EBEN).</p> <p>Although it was determined during the 2010 cycle that the Coastal 2000 data is insufficient data for determining impairment and should have been considered Category 3B, the segment remained impaired due to failure of the Chesapeake Bay Index of Biological Integrity (B-IBI). The impairment was expanded to incorporate the main branches of the Corrotoman. The alteration was attributed to low dissolved oxygen.</p> <p>However, during the 2012 cycle, the CRRMH segment meets the Chesapeake Bay B-IBI, therefore it will be delisted.</p>			
VAP-E26E_CTM01A00	Eastern Branch Corrotoman River	0.4168 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - Estuarine Bioassessments - E26E-47-EBEN (CFL 2008)</p> <p>The mainstem Corrotoman River within the mesohaline CRRMH segment was assessed as not supporting of the Aquatic Life Use during the 2008 cycle due to benthic alteration at Coastal 2000 weight-of-evidence station 3-CRR000.58. Coastal 2000 station 3-CRR001.08 had acceptable water quality (category 2A.)</p> <p>In addition, the Eastern Branch Corrotoman River was impaired due to Coastal 2000 station 3-CTM000.63 (see 2008 fact sheet E26E-52-EBEN).</p> <p>Although it was determined during the 2010 cycle that the Coastal 2000 data is insufficient data for determining impairment and should have been considered Category 3B, the segment remained impaired due to failure of the Chesapeake Bay Index of Biological Integrity (B-IBI). The impairment was expanded to incorporate the main branches of the Corrotoman. The alteration was attributed to low dissolved oxygen.</p> <p>However, during the 2012 cycle, the CRRMH segment meets the Chesapeake Bay B-IBI, therefore it will be delisted.</p>			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>Rappahannock River Basin</i>			
VAP-E26E_CTM01B10	Eastern Branch Corrotoman River	0.1791 Square Miles	Aquatic Life
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - Estuarine Bioassessments - E26E-47-EBEN (CFL 2008)			
The mainstem Corrotoman River within the mesohaline CRRMH segment was assessed as not supporting of the Aquatic Life Use during the 2008 cycle due to benthic alteration at Coastal 2000 weight-of-evidence station 3-CRR000.58. Coastal 2000 station 3-CRR001.08 had acceptable water quality (category 2A.)			
In addition, the Eastern Branch Corrotoman River was impaired due to Coastal 2000 station 3-CTM000.63 (see 2008 fact sheet E26E-52-EBEN).			
Although it was determined during the 2010 cycle that the Coastal 2000 data is insufficient data for determining impairment and should have been considered Category 3B, the segment remained impaired due to failure of the Chesapeake Bay Index of Biological Integrity (B-IBI). The impairment was expanded to incorporate the main branches of the Corrotoman. The alteration was attributed to low dissolved oxygen.			
However, during the 2012 cycle, the CRRMH segment meets the Chesapeake Bay B-IBI, therefore it will be delisted.			
VAP-E26E_CTM01D12	Eastern Branch Corrotoman River	0.0069 Square Miles	Aquatic Life
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - Estuarine Bioassessments - E26E-47-EBEN (CFL 2008)			
The mainstem Corrotoman River within the mesohaline CRRMH segment was assessed as not supporting of the Aquatic Life Use during the 2008 cycle due to benthic alteration at Coastal 2000 weight-of-evidence station 3-CRR000.58. Coastal 2000 station 3-CRR001.08 had acceptable water quality (category 2A.)			
In addition, the Eastern Branch Corrotoman River was impaired due to Coastal 2000 station 3-CTM000.63 (see 2008 fact sheet E26E-52-EBEN).			
Although it was determined during the 2010 cycle that the Coastal 2000 data is insufficient data for determining impairment and should have been considered Category 3B, the segment remained impaired due to failure of the Chesapeake Bay Index of Biological Integrity (B-IBI). The impairment was expanded to incorporate the main branches of the Corrotoman. The alteration was attributed to low dissolved oxygen.			
However, during the 2012 cycle, the CRRMH segment meets the Chesapeake Bay B-IBI, therefore it will be delisted.			
VAP-E26E_CTM03A08	Eastern Branch Corrotoman River	0.7584 Square Miles	Aquatic Life
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - Estuarine Bioassessments - E26E-47-EBEN (CFL 2008)			
During the 2008 cycle, the lower portion of the Eastern Branch Corrotoman River was assessed as impaired of the Aquatic Life Use due to an altered benthic community at Coastal 2000 weight-of-evidence station 3-CTM000.63 (2008 fact sheet E26E-52-EBEN). Although it was determined during the 2010 cycle that the Coastal 2000 data is insufficient data for determining impairment and should be considered Category 3B, the segment remained impaired due to failure of the Chesapeake Bay Index of Biological Integrity. The impairment was expanded to incorporate the main branches of the Corrotoman. The alteration was attributed to low dissolved oxygen.			
However, during the 2012 cycle, the CRRMH segment meets the Chesapeake Bay B-IBI, therefore it will be delisted.			

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<i>Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>Rappahannock River Basin</i>			
VAP-E26E_CTO01A02	Western Branch Corrotoman River	0.4503 Square Miles	Aquatic Life
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - Estuarine Bioassessments - E26E-47-EBEN (CFL 2008)			
The mainstem Corrotoman River within the mesohaline CRRMH segment was assessed as not supporting of the Aquatic Life Use during the 2008 cycle due to benthic alteration at Coastal 2000 weight-of-evidence station 3-CRR000.58. Coastal 2000 station 3-CRR001.08 had acceptable water quality (category 2A.)			
In addition, the Eastern Branch Corrotoman River was impaired due to Coastal 2000 station 3-CTM000.63 (see 2008 fact sheet E26E-52-EBEN).			
Although it was determined during the 2010 cycle that the Coastal 2000 data is insufficient data for determining impairment and should have been considered Category 3B, the segment remained impaired due to failure of the Chesapeake Bay Index of Biological Integrity (B-IBI). The impairment was expanded to incorporate the main branches of the Corrotoman. The alteration was attributed to low dissolved oxygen.			
However, during the 2012 cycle, the CRRMH segment meets the Chesapeake Bay B-IBI, therefore it will be delisted.			
VAP-E26E_CTO01B12	Western Branch Corrotoman River	0.144 Square Miles	Aquatic Life
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - Estuarine Bioassessments - E26E-47-EBEN (CFL 2008)			
The mainstem Corrotoman River within the mesohaline CRRMH segment was assessed as not supporting of the Aquatic Life Use during the 2008 cycle due to benthic alteration at Coastal 2000 weight-of-evidence station 3-CRR000.58. Coastal 2000 station 3-CRR001.08 had acceptable water quality (category 2A.)			
In addition, the Eastern Branch Corrotoman River was impaired due to Coastal 2000 station 3-CTM000.63 (see 2008 fact sheet E26E-52-EBEN).			
Although it was determined during the 2010 cycle that the Coastal 2000 data is insufficient data for determining impairment and should have been considered Category 3B, the segment remained impaired due to failure of the Chesapeake Bay Index of Biological Integrity (B-IBI). The impairment was expanded to incorporate the main branches of the Corrotoman. The alteration was attributed to low dissolved oxygen.			
However, during the 2012 cycle, the CRRMH segment meets the Chesapeake Bay B-IBI, therefore it will be delisted.			

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Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
Rappahannock River Basin			
VAP-E26E_CTO01C12	Western Branch Corrotoman River	0.0023 Square Miles	Aquatic Life
<p>Delisting Summary:</p> <p>PARTIAL DELIST 2012 - Estuarine Bioassessments - E26E-47-EBEN (CFL 2008)</p> <p>The mainstem Corrotoman River within the mesohaline CRRMH segment was assessed as not supporting of the Aquatic Life Use during the 2008 cycle due to benthic alteration at Coastal 2000 weight-of-evidence station 3-CRR000.58. Coastal 2000 station 3-CRR001.08 had acceptable water quality (category 2A.)</p> <p>In addition, the Eastern Branch Corrotoman River was impaired due to Coastal 2000 station 3-CTM000.63 (see 2008 fact sheet E26E-52-EBEN).</p> <p>Although it was determined during the 2010 cycle that the Coastal 2000 data is insufficient data for determining impairment and should have been considered Category 3B, the segment remained impaired due to failure of the Chesapeake Bay Index of Biological Integrity (B-IBI). The impairment was expanded to incorporate the main branches of the Corrotoman. The alteration was attributed to low dissolved oxygen.</p> <p>However, during the 2012 cycle, the CRRMH segment meets the Chesapeake Bay B-IBI, therefore it will be delisted.</p>			
VAP-E26E_CTO02A06	Western Branch Corrotoman River	1.2097 Square Miles	Aquatic Life
<p>Delisting Summary:</p> <p>PARTIAL DELIST 2012 - Estuarine Bioassessments - E26E-47-EBEN (CFL 2008)</p> <p>The mainstem Corrotoman River within the mesohaline CRRMH segment was assessed as not supporting of the Aquatic Life Use during the 2008 cycle due to benthic alteration at Coastal 2000 weight-of-evidence station 3-CRR000.58. Coastal 2000 station 3-CRR001.08 had acceptable water quality (category 2A.)</p> <p>In addition, the Eastern Branch Corrotoman River was impaired due to Coastal 2000 station 3-CTM000.63 (see 2008 fact sheet E26E-52-EBEN).</p> <p>Although it was determined during the 2010 cycle that the Coastal 2000 data is insufficient data for determining impairment and should have been considered Category 3B, the segment remained impaired due to failure of the Chesapeake Bay Index of Biological Integrity (B-IBI). The impairment was expanded to incorporate the main branches of the Corrotoman. The alteration was attributed to low dissolved oxygen.</p> <p>However, during the 2012 cycle, the CRRMH segment meets the Chesapeake Bay B-IBI, therefore it will be delisted.</p>			
VAP-E26E_LOL01B12	Locklies Creek	0.0348 Square Miles	Shellfishing
<p>Delisting Summary:</p> <p>PARTIAL DELIST 2012 - 0.0348 mi² Fecal Coliform - E26E-13-SF / 01082 / VAP-E26E-13 / Federal ID 25373 (CFL 1998)</p> <p>Portion of VDH-DSS Condemnation 031-102M1, 7/27/2010</p> <p>Locklies Creek was included on the 1998 303(d) list due to VDH condemnation 102, 4/13/1993. The Locklies Creek Shellfish TMDL was completed during the 2008 cycle and was approved by the EPA on 8/2/2006 and by the SWCB on 6/27/2007; the TMDL was based on the extent of condemnation 102, 10/31/1994.</p> <p>During the 2010 cycle, the condemned area (031-102B, 1/24/2008) matched the TMDL study area. However, during the 2012 cycle, the condemnation retracted and a portion of the TMDL study area is now included in seasonal condemnation 031-102M1, 7/27/2010. The seasonally condemned segment will be partially delisted (Category 2C); the condemned area is considered a Category 4A water.</p>			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>Rappahannock River Basin</i>			
VAP-E26E_LOL03A08	Roane Cove of Locklies Creek	0.0341 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - E26E-39-SF (CFL 2008) Portion of VDH Shellfish Condemnation 031-102M1, 7/24/2010</p> <p>During the 2010 cycle, Roane Cove was impaired of the Shellfish Use due to VDH Shellfish Condemnation 031-102A, 1/24/2008. The condemnation was rescinded during the 2012 cycle and the area is currently seasonally condemned, therefore it will be delisted.</p>			
VAP-E26E_MEA01C06	Meachim Creek	0.0344 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - E26E-37-SF (CFL 2008) VDH Shellfish Condemnation 030-179M1, 8/25/2010</p> <p>This tributary of Meachim Creek was previously considered seasonally condemned, therefore it was fully supporting with observed effects. However during the 2008 cycle, the segment was downgraded to condemned. The TMDL was due in 2020.</p> <p>Condemnation 030-179B, 8/4/2008 was rescinded during the 2012 cycle. The area is now only seasonally condemned and will be delisted. Fecal coliform will be considered an observed effect.</p>			
VAP-E26E_MEA02B08	Meachim Creek	0.0357 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - E26E-38-SF (CFL 2008) Portions of VDH-DSS Condemnation 030-179A and -179C, 8/4/2008</p> <p>The upstream portions of Meachim Creek was impaired in the 1998 cycle due to VDH Condemnation 179A and 179B, 12/9/1996. The bacteria TMDL for these segments was completed during the 2006 cycle. However, during the 2008 cycle, the condemnations merged and expanded downstream (VDH condemnation 030-179A, 8/16/2006). The TMDL for the downstream expansion will be due in 2020. The size of the condemnations was reduced during the 2010 cycle and the segments split.</p> <p>During the 2012 cycle, the condemnations shrank further (030-179A and -B, 8/25/2010). The condemned areas are now smaller than the TMDL study areas and the expansions will be delisted.</p>			

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Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
Rappahannock River Basin			
VAP-E26E_MEA03B12	Meachim Creek	0.0054 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - 0.0055 mi² Fecal Coliform - E26E-02-SF / 00203 / VAP-E26E-02 / Federal ID 25375 (CFL 1998)</p> <p>This area was included on the 1998 303(d) list due to VDH condemnation 179B, 12/9/1996. The impairment was addressed in the Meachim and Whiting Creek Shellfish TMDL, which was completed during the 2006 cycle and approved by the EPA on 11/15/2005. The impairment has subsequently expanded and contracted in multiple cycles. The expansion was addressed in fact sheet E26E-38-SF.</p> <p>During the 2012 cycle, the condemnation shrank considerably and is now smaller than the TMDL study area (030-179, 8/25/2010). The expansion will be delisted and the open area within the TMDL study area will be partially delisted (Category 2C.). The condemnation remains Category 4A.</p>			
VAP-E26E_MLL01B12	Mill Creek	0.0349 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - 0.0349 mi² Fecal Coliform - E26E-11-SF / 01084 / VAP-E26E-11 / Federal ID 25371 (CFL 1998)</p> <p>A portion of Mills Creek was impaired in the 1998 cycle due to VDH condemnation 103, 12/10/1991. The TMDL for this segment was completed during the 2008 cycle and was approved by the EPA on 8/2/2006 and by the SWCB on 6/27/2007. The segment is considered Category 4A. However, the condemnation expanded during the 2008 cycle; the TMDL for the expanded portion was due in 2020 (see fact sheet E26E-40-SF). However, during the 2012 cycle, the condemnation retracted and is now smaller than the TMDL study area (031-102A, 7/27/2010). The expansion will be delisted. The open area within the TMDL study area will be partially delisted (Category 2C.)</p>			
VAP-E26E_MLL03A08	Mill Creek	0.0405 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - E26E-40-SF (CFL 2008)</p> <p>A portion of Mills Creek was impaired in the 1998 cycle due to VDH condemnation 103, 12/10/1991. The TMDL was completed during the 2008 cycle and was approved by the EPA on 8/2/2006. However, the condemnation expanded during the 2008 cycle; the TMDL for the expanded portion was due in 2020. During the 2010 cycle, it was a portion of VDH shellfish condemnation 031-102C, 1/24/2008. However, during the 2012 cycle, the condemnation retracted and is now smaller than the TMDL study area. The expansion will be delisted.</p>			
VAP-E26E_MOS01A00	Mosquito Creek	0.0208 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - E26E-04-SF / 01085 / VAP-E26E-04-SF / Federal ID 35958 (CFL 1998)</p> <p>VDH-DSS Condemnation 018-203M1, 11/2/2010</p> <p>A portion of Mosquito Creek was included on the 1998 303(d) list due to VDH Condemnation 203, 11/22/1996. The Mosquito Creek Shellfish TMDL was completed during the 2010 cycle; it was approved by the EPA on 4/15/2009 and by the SWCB on 7/27/2009. The condemnation is considered Category 4A.</p> <p>Note: previous cycles mistakenly stated that the initial list date was 2002, not 1998. Mosquito Creek was not included on the Consent Decree.</p> <p>VDH-DSS Shellfish Condemnation 018-203A, 10/19/2006 was rescinded during the 2012 cycle. Mosquito Creek is currently open for harvest or seasonally condemned, therefore the impairment will be delisted.</p>			

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Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
Rappahannock River Basin			
VAP-E26E_MOS01B12	Mosquito Creek	0.0484 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - E26E-04-SF / 01085 / VAP-E26E-04-SF / Federal ID 35958 (CFL 1998)</p> <p>A portion of Mosquito Creek was included on the 1998 303(d) list due to VDH Condemnation 203, 11/22/1996. The Mosquito Creek Shellfish TMDL was completed during the 2010 cycle; it was approved by the EPA on 4/15/2009 and by the SWCB on 7/27/2009. The condemnation is considered Category 4A.</p> <p>Note: previous cycles mistakenly stated that the initial list date was 2002, not 1998. Mosquito Creek was not included on the Consent Decree.</p> <p>VDH-DSS Shellfish Condemnation 018-203A, 10/19/2006 was rescinded during the 2012 cycle. Mosquito Creek is currently open for harvest or seasonally condemned, therefore the impairment will be delisted.</p>			
VAP-E26E_MYE03A08	Myer Creek	0.4957 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - Estuarine Bioassessments - E26E-47-EBEN (CFL 2008)</p> <p>The mainstem Corrotoman River within the mesohaline CRRMH segment was assessed as not supporting of the Aquatic Life Use during the 2008 cycle due to benthic alteration at Coastal 2000 weight-of-evidence station 3-CRR000.58. Coastal 2000 station 3-CRR001.08 had acceptable water quality (category 2A.)</p> <p>In addition, the Eastern Branch Corrotoman River was impaired due to Coastal 2000 station 3-CTM000.63 (see 2008 fact sheet E26E-52-EBEN).</p> <p>Although it was determined during the 2010 cycle that the Coastal 2000 data is insufficient data for determining impairment and should have been considered Category 3B, the segment remained impaired due to failure of the Chesapeake Bay Index of Biological Integrity (B-IBI). The impairment was expanded to incorporate the main branches of the Corrotoman. The alteration was attributed to low dissolved oxygen.</p> <p>However, during the 2012 cycle, the CRRMH segment meets the Chesapeake Bay B-IBI, therefore it will be delisted.</p>			
VAP-E26E_RPP08A08	Rappahannock River	0.011 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - 0.0111 mi2 Fecal Coliform - E26E-41-SF (CFL 2008)</p> <p>Portion of VDH shellfish condemnation 032-109A, 12/9/2008</p> <p>Bush Park Creek was included on the 1998 303(d) list as impaired of the Shellfish Consumption Use due to VDH condemnation 109, 4/27/1989 The TMDL for this area was completed and was approved by the EPA on 6/7/2006 and by the SWCB on 6/27/2007. However, during the 2008 cycle, the condemnation expanded into the Rappahannock River and Woods Creek. The TMDL for Woods Creek and the Rappahannock River is due in 2020.</p> <p>During the 2012 cycle, the condemnation shrank and split. Section A now matches the TMDL study area. The expansion is now limited to Woods Creek (032-109BB, 12/10/2009); the Rappahannock River segment will be partially delisted.</p>			

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<i>Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>Rappahannock River Basin</i>			
VAP-E26E_STE01B12	Sturgeon Creek	0.0024 Square Miles	Shellfishing
<p><i>Delisting Summary:</i> PARTIAL DELIST 2012 - 0.0024 mi² Fecal Coliform - E26E-12-SF / 01093 / VAP-E26E-12 / Federal ID 25372 (CFL 1998)</p> <p>VDH-DSS condemnation 032-104M1, 12/16/2010</p> <p>A portion of Sturgeon Creek was included on the 1998 303(d) list due to VDH shellfish condemnation 104, 11/28/1994. The TMDL was completed and was approved by the EPA on 6/7/2006 and by the SWCB on 6/27/2007.</p> <p>In the 2012 cycle, the condemnation shortened and split. A portion was reopened for harvest and another portion is now seasonally condemned (032-104M1, 12/16/2010); both areas will be partially delisted (Category 2C). The remaining condemned area is Category 4A.</p>			
VAP-E26E_STE01C12	Sturgeon Creek	0.0135 Square Miles	Shellfishing
<p><i>Delisting Summary:</i> PARTIAL DELIST 2012 - 0.0136 mi² Fecal Coliform - E26E-12-SF / 01093 / VAP-E26E-12 / Federal ID 25372 (CFL 1998)</p> <p>A portion of Sturgeon Creek was included on the 1998 303(d) list due to VDH shellfish condemnation 104, 11/28/1994. The TMDL was completed and was approved by the EPA on 6/7/2006 and by the SWCB on 6/27/2007.</p> <p>In the 2012 cycle, the condemnation shortened and split. A portion was reopened for harvest and another portion is now seasonally condemned (032-104M1, 12/16/2010); both areas will be partially delisted (Category 2C). The remaining condemned area is Category 4A.</p>			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>Roanoke and Yadkin River Basins</i>			
VAC-L13L_ROA02A02	Leesville Lake Middle (Roanoke R.)	1586.63 Acres	Recreation
<i>Delisting Summary:</i>			
DELIST 2012 - E. coli - VAC-L13L-01/L13L-02-BAC (2006)			
Station ID:			
4AROA153.59 (Lake Station)			
E. coli - 1/13			
4AROA145.39 (Lake Station)			
E. coli - 0/13			
VAC-L13L_ROA03A02	Leesville Lake	336.26 Acres	Recreation
<i>Delisting Summary:</i>			
DELIST 2012 - E. coli - VAC-L13L-01/L13L-02-BAC (2008)			
Station ID:			
4AROA153.59 (Lake Station)			
E. coli - 1/13			
4AROA145.39 (Lake Station)			
E. coli - 0/13			
VAC-L37R_CUB01A00	Cub Creek	8.35 Miles	Recreation
<i>Delisting Summary:</i>			
DELIST 2012 - E. coli (14.07 miles) - VAC-L30R-01/L37R-01-BAC (2006)			
Station ID:			
4ACUB017.46 (Ambient)			
E. coli - 1/15 violation rate			
4ACUB010.96 (Ambient)			
E. coli - 2/36			
VAC-L37R_CUB01B08	Cub Creek	5.72 Miles	Recreation
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - E. coli (14.07 miles) - VAC-L30R-01/L37R-01-BAC (2006)			
Station ID:			
4ACUB017.46 (Ambient)			
E. coli - 1/15 violation rate			
4ACUB010.96 (Ambient)			
E. coli - 2/36			

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
Roanoke and Yadkin River Basins			
VAC-L58R_SSP01A06	South Prong Sandy River	13.05 Miles	Recreation
<p>Delisting Summary:</p> <p>DELIST 2012 - E. coli - VAC-L60R-01/L58R-03-BAC (2006) Station ID: 4ASSP004.06 E. coli - 2/27 Violation Rate</p>			
VAW-L03R_ROA06A00	Roanoke River	0.94 Miles	Aquatic Life
<p>Delisting Summary:</p> <p>PARTIAL DELIST 2012 - Temperature 0.95 miles - VAW-L03R-01 / 90005 / L03R-01-TEMP / VAW-L04R-01 (2002) The waters are partially delisted to correct an assessment Water Quality Standards (WQS) classification error of Assessment Unit (AU) VAW-L03R_ROA06A00 and incorporate a WQS Special Standard (SP. STD.) 9VAC25-260-310. Special standards and requirements. 'hh'. Assessment of AU VAW-L03R_ROA06A00 has been based on being Class V waters in its entirety as described above (2.23 mi.). The AU is now split forming a new AU VAW-L03R_07A12 (WQS Class IV) with the 2012 IR. The US EPA approved 2011 WQS as amended describes SP. STD. 'hh' as waters where the: Maximum temperature for these seasonally stockable trout waters is 31°C and applies May 1 through October 31. As a result of an assessment error correction and application of WQS SP. STD. 'hh' temperature excursions of the WQS Class V - Stockable Trout water criterion of 21°/31°C are zero of 40 observations or an exceedance rate of 0.0% at station 4AROA227.42 (Rt. 773 Bridge - at Lafayette) with the 2012 Assessment. These waters should have been De-listed with the 2010 assessment. Each excursion occurs in months as defined by SP. STD. hh where temperature measurements must exceed 31°C.</p>			
VAW-L03R_ROA07A12	Roanoke River	1.28 Miles	Aquatic Life
<p>Delisting Summary:</p> <p>PARTIAL DELIST 2012 - Temperature 1.28 miles - VAW-L03R-01 / 90005 / L03R-01-TEMP / VAW-L04R-01 (2002) The waters are partially delisted to correct an assessment Water Quality Standards (WQS) classification error of Assessment Unit (AU) VAW-L03R_ROA06A00 and incorporate a WQS Special Standard (SP. STD.) 9VAC25-260-310. Special standards and requirements. hh. Assessment of AU VAW-L03R_ROA06A00 has been based on being Class V waters in its entirety as described above (2.23 mi.). The AU is now split forming a new AU VAW-L03R_07A12 (WQS Class IV) with the 2012 IR. The US EPA approved 2011 WQS as amended describes SP. STD. 'hh' as waters where the: Maximum temperature for these seasonally stockable trout waters is 31°C and applies May 1 through October 31. As a result of an assessment error correction and application of WQS SP. STD. 'hh' temperature excursions of the WQS Class V - Stockable Trout water criterion of 21°/31°C are zero of 40 observations or an exceedance rate of 0.0% at station 4AROA227.42 (Rt. 773 Bridge - at Lafayette) with the 2012 Assessment. These waters should have been De-listed with the 2010 assessment. Each excursion occurs in months as defined by SP. STD. hh where temperature measurements must exceed 31°C.</p>			
VAW-L53R_SRE01B06	Smith River	0.49 Miles	Aquatic Life
<p>Delisting Summary:</p> <p>PARTIAL DELIST 2012 - Benthics - IDs 01712 / L53R-01-BEN / VAW-L54R-01 (2008)</p> <p>The waters are partially de-listed as Virginia Stream Condition Index (VSCI) scores of the 2008/2010 Listed reach achieves VSCI scores above 60. The 2008 303(d) Listing was based on a Virginia Stream Condition Index (VSCI) score of 52.6 from five surveys at station 4ASRE031.00 (Behind Church at Kohler). 2012 data from seven surveys have an average VSCI six year score of 61.81 and a two year score of 64.87. The VSCI is a multi-metric statewide stream index of biotic integrity that is based on data collected from minimally impacted reference sites throughout Virginia. This index shows that an SCI score of 60.0 is the lower limit for reference (or, unimpaired) conditions in a benthic community.</p>			

Waters Identified for Delisting Since 2010 Report

Assessment

<i>Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>Roanoke and Yadkin River Basins</i>			
VAW-L53R_SRE02A00	Smith River	4.26 Miles	Aquatic Life
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - Benthics - IDs 01712 / L53R-01-BEN / VAW-L54R-01 (2008)			
<p>The waters are partially de-listed as Virginia Stream Condition Index (VSCI) scores of the 2008/2010 Listed reach achieves VSCI scores above 60. The 2008 303(d) Listing was based on a Virginia Stream Condition Index (VSCI) score of 52.6 from five surveys at station 4ASRE031.00 (Behind Church at Kohler). 2012 data from seven surveys have an average VSCI six year score of 61.81 and a two year score of 64.87. The VSCI is a multi-metric statewide stream index of biotic integrity that is based on data collected from minimally impacted reference sites throughout Virginia. This index shows that an SCI score of 60.0 is the lower limit for reference (or, unimpaired) conditions in a benthic community.</p>			
VAW-L54R_SRE06A00	Smith River	3.59 Miles	Aquatic Life
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - General Standard-Benthic 3.59 miles - 00375 / L54R-01-BEN / VAW-L54R-01 - 1998.			
<p>The waters are partially de-listed (additional impairment bacteria) as Virginia Stream Condition Index (VSCI) scores of the 2008/2010 Listed reach achieves scores above 60. The 1998 303(d) Listing basis (Fed ID 39705) is on a Virginia Stream Condition Index (VSCI) average score of 49.2 from two surveys at station 4ASRE026.04 (Below Martinsville Dam EDAS 4ASRE026.38). This station was abandoned due to safety concerns and additional stations added. Stations 4ASRE022.90 (Downstream of Machine Branch Mouth) and 4ASRE024.30 (Off Frith Rd. downstream of Rail Tressel) report VSCI Scores above 60 at both sites. 2012 data each have average VSCI scores as follows: 4ASRE022.90 four surveys (2009-2010) two year score of 64.38; and 4ASRE024.30 five surveys (2008-2010) six year score of 62.28 and a two year score of 61.28. The VSCI is a multi-metric statewide stream index of biotic integrity that is based on data collected from minimally impacted reference sites throughout Virginia. This index shows that an SCI score of 60.0 is the lower limit for reference (or, unimpaired) conditions in a benthic community. These VSCI scores result in full support of the Aquatic Life Use.</p>			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>Chowan River and Dismal Swamp Basins</i>			
VAC-K02R_NMR01A98	North Meherrin River	7.55 Miles	Recreation
<p><i>Delisting Summary:</i> PARTIAL DELIST 2012 - E. coli - VAC-K02R-01/K02R-01-BAC (2006) Station ID: 5ANMR013.95 (Trend) E. coli - 3/35 Violation Rate</p>			
VAC-K16L_NTW01L04	Fort Pickett Reservoir	318.95 Acres	Aquatic Life
<p><i>Delisting Summary:</i> PARTIAL DELIST 2012 - Dissolved Oxygen - VAC-K14R-01/K16L-01-DO (2004) Station ID: 5ANTW127.41 (Lake Station) Dissolved Oxygen - 3/47 Violation Rate</p>			
VAP-K06L_GTC03B00	Great Creek Reservoir	218.78 Acres	Recreation
<p><i>Delisting Summary:</i> DELIST 2012-E.coli-K06L-01-BAC, VAP-K06L-01(2010)</p> <p>During the 2012 cycle the segment was Fully supporting for all that it was monitored for with an OE for Fish Consumption. Station 5AGTC013.62 should have not been included in this segment. It is in segment VAP-K06R_GTC02B00, therefore this segment will no longer be impaired for E.coli.</p>			
VAP-K06R_GTC01A00	Great Creek	2.84 Miles	Aquatic Life
<p><i>Delisting Summary:</i> DELIST 2012 - Dissolved Oxygen - K06R-01-DO (01740 / VAP-K06R-01) (CFL 2004)</p> <p>The segment of Great Creek above the Dixon Millpond dam was originally assessed in 2004 as not supporting of the Aquatic Life Use based on dissolved oxygen exceedances at 5AGTC025.70 (previously called PL-18A). The DO TMDL is due in 2016. The stations is a confined animal feeding operation (CAFO) special study station.</p> <p>Additional monitoring was conducted during the 2010 cycle. The station was inconclusive (1/9 for DO); therefore the segment remained listed. During the 2012 cycle, the violation rate was acceptable (1/11) at 5AGTC025.70, therefore it will be delisted.</p>			

Waters Identified for Delisting Since 2010 Report

Assessment

<i>Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>Chowan River and Dismal Swamp Basins</i>			
VAP-K17R_WAQ01B00	Waqua Creek	2.55 Miles	Aquatic Life
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - Dissolved Oxygen - K17R-02-DO / VAP-K17R-02 / 01335 (CFL 2002)			
In 2002, the segment was assessed as not supporting of the Aquatic Life Use goal based on dissolved oxygen exceedances at 5AWAQ022.17 (private road).			
The station was a confined animal feeding operation (CAFO) special study station.			
There had been no additional monitoring since 2002, so the assessment was carried over. However, monitoring during the 2012 cycle indicated an acceptable violation rate (0/10) at station 5AWAQ020.52, therefore the segment will be delisted.			
PARTIAL DELIST 2012 - pH - K17R-02-PH / VAP-K17R-02 / 01336 (CFL 2002)			
In 2002, the segment was assessed as not supporting of the Aquatic Life Use goal based on pH exceedances at 5AWAQ020.52 (Route 617) and at 5AWAQ022.17 (private road);			
These stations were confined animal feeding operation (CAFO) special study stations.			
There had been no monitoring since 2002, so the assessment was carried over. However, additional monitoring during the 2012 cycle indicated an acceptable pH violation rate at 5AWAQ020.52 (1/12), therefore the segment will be delisted.			
VAT-K13R_FTS01A04	Flat Swamp	8.14 Miles	Recreation
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - FECAL COLIFORM - K13R-02-BAC (2004)			
Recreation Use is supported based on Ecoli data from 09 % 10 with 0 viol / 12 obs.			
VAT-K36R_BLW04B12	Blackwater River - Lower Middle	1.42 Miles	Recreation
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - ECOLI- K36R-02-BAC			
The Recreation Use supported based on E.coli data (3/35 and 3/30) at DEQ (AQM) stations @ 5ABLW009.80 and 5ABLW010.60.			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>Chowan River and Dismal Swamp Basins</i>			
VAT-K39L_LKD01A06	Lake Drummond	3241.96 Acres	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - DO - K39L-01-DO (2008) Lake Drummond is impaired for Aquatic Life Use based on exceedance of pH violations of 6-9 standard units.</p> <p>Pooled DO violation rate for Lake Drummond is 7.9% (138 obs/ 11 exceeds). Individual station violations include station 5BLKD000.02 (1 violates/ 16 obs), 5BLKD000.03 (3 violates/ 16 obs), 5BLKD000.08 (0 violate/ 26 obs), 5BLKD001.15 (3 violates/ 27 obs), 5BLKD001.40 (1 violates/ 33 obs), and 5BLKD002.15 (3 violates/ 20 obs).</p> <p>Pooled pH violation rate for Lake Drummond is 99.2% (121 violates/122 obs).</p> <p>Lake Drummond pooled nutrient results: 0 viol/ 2 obs Chla 2006, 2009 = S</p>			
VAT-K40R_NTW01A00	Northwest River - Upper (Non-PWS)	6.42 Miles	Recreation
<p>Delisting Summary: PARTIAL DELIST 2012 - ECOLI- K40R-02-BAC (2006) The Recreation Use is supporting with E.coli. Data assessed from downstream stations 5BNTW012.86 & 5BNTW011.90. These stations were used to list this AU as impaired in 2006.</p> <p>Station 5BNTW012.86 2 viol / 34 and 5BNTW011.90 2 viol / 33</p>			
VAT-K40R_NTW02A00	Northwest River - Middle (PWS)	6.23 Miles	Recreation
<p>Delisting Summary: PARTIAL DELIST 2012 - ECOLI - K40R-04-BAC (2006) Recreation Use is supporting based on the 2012 E.coli data. Stations 5BNTW012.86 2 viol / 33 obs and 5BNTW011.90 exceed E.coli criteria 2 out of 34 observations.</p>			
VAT-K40R_NTW03B10	Northwest River - Lower (PWS)	1.19 Miles	Recreation
<p>Delisting Summary: PARTIAL DELIST 2012 - ECOLI - K40R-05-BAC (2010) Recreation Use is supporting based on E.coli concentrations at stations 5BNTW008.97 (3 viol / 34 obs).</p> <p>Delisted in 2008 for Ecoli at station 8.97 under VAT-K40R_NTW03A08. In 2010, station 5BNTW008.97 was impaired with 4 viol/ 35 obs. Then this segment was split from VAT-K40R_NTW03A08. Now in 2012 the station is supporting again for Ecoli.</p>			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>Chowan River and Dismal Swamp Basins</i>			
VAT-K40R_XAM01A02	Unnamed tributary to Northwest River (PWS)	3.92 Miles	Recreation
<p>Delisting Summary: PARTIAL DELIST 2012- ECOLI-K40R-08-BAC (2006)</p> <p>Recreation Use is supported based on E.coli data (2/33) at DEQ (AQM) station @ 5BXAM000.60.</p>			
VAT-K41R_BKW01A00	Blackwater Creek	4.41 Miles	Aquatic Life
<p>Delisting Summary: DELIST 2012-DO-K41R-08-DO (2008)</p> <p>The Aquatic Life Use is supported based on Dissolved Oxygen data at station 5BBKW002.50 with 2 viol / 36 obs.</p>			
VAT-K42E_BBC01A04	Beggars Bridge Creek	0.0327 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - DO - K42E-05-DO (2010)</p> <p>The Aquatic Life Use is supporting based on DO data at station 5BBBC000.76 with 3 viol/ 36 obs.</p> <p>pH supports ALUS with 2 viol / 32 obs.</p>			
VAT-K42E_BKY02A00	Redhead Bay at Drum Point	0.1986 Square Miles	Recreation
<p>Delisting Summary: DELIST 2012 - ENTEROCOCCI - K42E-08-BAC (2006)</p> <p>The Recreation Use is supported based on data from Station 5BBKY006.37 with 2 viol/ 32 obs.</p> <p>In the previous IR (2010), the data for Enterococci was 3 violations out of 29 observations at DEQ (AQM) stations @ 5BBKY006.37. The impairment was retained even though violation rate was 10.3 to gather new data.</p>			
VAT-K42E_SHB01A00	Shippo Bay, Back Bay Area	3.0115 Square Miles	Aquatic Life
<p>Delisting Summary: DELIST 2012 - PH - K42E-09-PH (2006)</p> <p>The Aquatic Life Use is supporting for both pH and DO. pH concentrations support with 2/32 at DEQ (AQM) station @ 5BSHB000.57. DO is supported. Benthic is supported at stations 5BSHB1.03 and 5BSHB1.20 from 2006 and 2007 data.</p>			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>Tennessee and Big Sandy River Basins</i>			
VAS-O02R_WLC01A06	Whitetop Laurel Creek	3.19 Miles	Recreation
<p>Delisting Summary: DELIST 2012 - E. Coli - O02R-05-BAC 2006 AWQM monitoring at 6CWLC000.79; E. coli exceeded 235 CFU/100 ml in 6% (1/15) meeting the WQS of less than 10%.</p>			
VAS-O05R_MFH03A00	Middle Fork Holston River	4.18 Miles	Recreation
<p>Delisting Summary: DELIST 2012 - E. Coli - O03R-01-BAC, 38568 & 38464 2002 Data to support delisting includes DEQ station 6CMFH011.31 with 0/12 WQS E. Coli exceedence & DEQ station 6CMFH013.21 with 3/32 E. Coli exceedence. Both stations support the recreation use. TMDL was completed and approved 04/12/2010: 38568 & 38464</p>			
VAS-O09R_LIB01A02	Lick Creek	5.63 Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - benthic - O09R-01-BEN 2002 Two sites were sampled in spring and fall 2009, 6CLIB003.65 and 6CLIB001.06. VSCI scores ranged from 73-84. WQS was attained by all temp, pH, DO, TP & NH3.</p>			
VAS-O10R_LAE02A02	Laurel Creek, middle	6.39 Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - Benthic - O10R-05-BEN 2004 VSCI: 04.05.2010 76; 26.03.2009 61 Aquatic Life Use was not supported; Class V WQS for temperature failed to meet in 13% of samples.</p>			
VAS-O10R_LAE02B02	Laurel Creek	7.47 Miles	Recreation
<p>Delisting Summary: DELIST 2012 - E. Coli & Fecal coliform - O10R-05-BAC 2006 WQS for E. Coli was exceeded in 2/24, 8%.</p>			
VAS-O10R_LAE02C04	Laurel Creek	3.61 Miles	Recreation
<p>Delisting Summary: DELIST 2012 - E. Coli & Fecal coliform - O10R-05-BAC 2006 E. Coli exceeded WQS in 8%, 2/24 samples.</p>			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>Tennessee and Big Sandy River Basins</i>			
VAS-O11R_WOL01A02	Wolf Creek	0.88 Miles	Recreation
<i>Delisting Summary:</i> DELIST 2012 - E. Coli - O11R-07-BAC (2006) No samples at 6CWOL000.04 exceeded WQS for E. Coli (0/15).			
VAS-O13R_NFH02A94	North Fork Holston River	18.72 Miles	Aquatic Life
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - Benthic macroinvertebrates - O13R-01-BEN - 2008 VSCI scores: 12.04.2010 73 24.04.2008 64 18.11.2008 74			
VAS-P03R_CLN02A00	Clinch River	5.38 Miles	Recreation
<i>Delisting Summary:</i> DELIST 2012 - E. Coli - P03R-02-BAC (2004) Recreation Use was supported; WQS for E. Coli was exceeded in (3/45) 6% of samples collected at 6BCLN321.13.			
VAS-P09R_LSR01A02	Little Stony Creek	2.64 Miles	Recreation
<i>Delisting Summary:</i> DELIST 2012 - E. Coli - P09R-04-BAC - 2008 Recreation Use was supported; WQS for E. Coli was exceeded in 7% (1/14) of samples collected at 6BLSR000.33.			
VAS-P10R_LEL01A98	Laurel Branch	4.96 Miles	Recreation
<i>Delisting Summary:</i> PARTIAL DELIST 2012- fecal coliform - P10-01-BAC - 1998 Recreation Use was supported. Data gathered at 6BSRH000.03 WQS for E. Coli was exceeded is less than 10% (1/12).			
VAS-P13R_CLN01A02	Clinch River	9.69 Miles	Recreation
<i>Delisting Summary:</i> DELIST 2012 - E. Coli - P13R-03-BAC 2008 WQS for E. Coli was exceeded in 8% (3/35) of samples collected at 6BCLN206.70.			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>Tennessee and Big Sandy River Basins</i>			
VAS-P14R_CUL01A10	Culbertson Creek	5.8 Miles	Aquatic Life
<p><i>Delisting Summary:</i> DELIST 2012 - benthic macroinvertebrates - VAS-P14R-01 (2010) Aquatic Life Use was supported; data at 6BCUL001.59 included benthics, temp, pH, DO, sediment.</p>			
VAS-P15R_DAK01A10	Drakes Branch	2.27 Miles	Aquatic Life
<p><i>Delisting Summary:</i> DELIST 2012 - benthic macroinvertebrates - P15R-00-BEN (2010) Benthic studies in 2009 and 2010-VSCI=61 & 71.</p>			
VAS-P17R_CAL01A98	Callahan Creek	1.67 Miles	Recreation
<p><i>Delisting Summary:</i> PARTIAL DELIST 2012 - E. Coli - P17R-01-BAC (2008) At 6BCAL000.03 WQS for E. Coli was exceeded in 8% of samples collected.</p>			
VAS-P21R_POW02A02	Powell River	12.69 Miles	Recreation
<p><i>Delisting Summary:</i> PARTIAL DELIST 2012 - E. Coli - P21R-03-BAC (2006) TMDL 39854 was completed 03.10.2011</p>			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>Tennessee and Big Sandy River Basins</i>			
VAS-Q04R_GAR01A98	Garden Creek	1.8 Miles	Aquatic Life Wildlife

Delisting Summary:

PARTIAL DELIST 2012 - Chloride - Q04R-01-CHLR (2006)
 Data collected by Consolidated Coal. None exceeded WQS in 2009-2010.

- LEVISA 29.00 □
- 10/26/2010 □ 75
- 9/24/2010 □ 95
- 8/26/2010 □ 19.9
- 7/22/2010 □ 29.1
- 6/21/2010 □ 24.2
- 5/26/2010 □ 30
- 4/7/2010 □ 25.9
- 3/24/2010 □ 27
- 2/19/2010 □ 28.5
- 1/15/2010 □ 42
- 12/18/2009 □ 21.4
- 11/20/2009 □ 36.9
- 10/20/2009 □ 68.1
- 9/15/2009 □ 8.3
- 8/18/2009 □ 29.5
- 7/23/2009 □ 52.4
- 6/24/2009 □ 22.7
- 5/14/2009 □ 16.6
- 4/30/2009 □ 30
- 3/20/2009 □ 18.6
- 2/18/2009 □ 45
- 1/27/2009 □ 71
- 12/5/2008 □ 104

Benthic impairment continues.

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID

Waterbody Name

Size

Uses Partially / Fully Restored

Tennessee and Big Sandy River Basins

PARTIAL DELIST 2012 - Chloride - Q04R-02-CHLR (2006)
 Data collected by Consolidated Coal. None exceeded WQS in 2009-2010.

□ GARDEN CREEK 40.00

10/26/2010 □ 150

9/24/2010 □ 160

8/26/2010 □ 54.6

7/22/2010 □ 40.3

6/21/2010 □ 32.9

5/26/2010 □ 41

4/7/2010 30.4

3/24/2010 □ 29

2/19/2010 □ 32

1/15/2010 □ 53

12/18/2009 □ 30

11/20/2009 □ 66.2

10/20/2009 □ 117

9/15/2009 □ 135

8/18/2009 □ 53.9

7/23/2009 □ 75.9

6/24/2009 □ 33.6

5/14/2009 □ 24.7

4/30/2009 □ 42.2

3/20/2009 □ 19.2

2/18/2009 □ 48

1/27/2009 □ 83

12/5/2008 □ 179

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>Tennessee and Big Sandy River Basins</i>			
VAS-Q04R_LEV01A94	Levisa Fork	3.95 Miles	Aquatic Life Wildlife

Delisting Summary:

PARTIAL DELIST 2012 - Chloride - Q04R-01-CHLR (2006)
 Impairment remains for benthic macroinvertebrates due to low VSCI.

PARTIAL DELIST 2012 - chloride - Q04R-01-CHLR (2006)

- LEVISA 29.00
- 10/26/2010 75
- 9/24/2010 95
- 8/26/2010 19.9
- 7/22/2010 29.1
- 6/21/2010 24.2
- 5/26/2010 30
- 4/7/2010 25.9
- 3/24/2010 27
- 2/19/2010 28.5
- 1/15/2010 42
- 12/18/2009 21.4
- 11/20/2009 36.9
- 10/20/2009 68.1
- 9/15/2009 8.3
- 8/18/2009 29.5
- 7/23/2009 52.4
- 6/24/2009 22.7
- 5/14/2009 16.6
- 4/30/2009 30
- 3/20/2009 18.6
- 2/18/2009 45
- 1/27/2009 71
- 12/5/2008 104

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<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>Tennessee and Big Sandy River Basins</i>			
PARTIAL DELIST 2012 - chloride - Q04R-01-CHLR (2006)			
LEVISA 29.00 10/26/2010 75 9/24/2010 95 8/26/2010 19.9 7/22/2010 29.1 6/21/2010 24.2 5/26/2010 30 4/7/2010 25.9 3/24/2010 27 2/19/2010 28.5 1/15/2010 42 12/18/2009 21.4 11/20/2009 36.9 10/20/2009 68.1 9/15/2009 8.3 8/18/2009 29.5 7/23/2009 52.4 6/24/2009 22.7 5/14/2009 16.6 4/30/2009 30 3/20/2009 18.6 2/18/2009 45 1/27/2009 71 12/5/2008 104			
VAS-Q06R_BIP01A98	Big Prater Creek	1.1 Miles	Recreation
Delisting Summary:			
DELIST 2012 - E. Coli - VAS-Q06R-02 (2006) Recreation Use is supported; WQS for E. Coli was exceeded in 9% (2/21) of samples collected.			
VAS-Q13R_PNR02B02	Pound River	3.1 Miles	Recreation
Delisting Summary:			
DELIST 2012 - E. Coli - Q13R-03-BAC (2006)			

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<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>		<i>Uses Partially / Fully Restored</i>
Chesapeake Bay/Atlantic/Small Coastal Basins				
VACB-R01E-CB5	Chesapeake Bay - VA portion of CBP Segment CB5MH	185.8701 Square Miles	Aquatic Life	
<i>Delisting Summary:</i> PARTIAL DELIST 2012 -Estuarine Bioassessments-CB5MH-EBEN-BAY (2010)				
Data and/or information were insufficient for determining status of estuarine benthic community in 2010 and most recent information indicates attainment. Original basis for listing was incorrect.				
30-Day mean criterion for DO was met for Open Water subuse. Insufficient data to assess other Open Water subuse DO criteria. Segment fails for the assessed Deep Water (30-day mean). Insufficient data to assess other Deep Water subuse DO criteria. Segment fails for the assessed Deep Channel (instantaneous criteria). SAV acreage did not meet criterion.				
VACB-R01E-CB6N	Chesapeake Bay - Northern portion of CBP Segment CB6PH	127.1528 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation
<i>Delisting Summary:</i> PARTIAL DELIST 2012-Aquatic Plants (Macrophytes)-CB6PH-SAV-BAY (2008)				
Water clarity acreage meets the criterion for this use.				
Segment fails 30-Day criteria for Open Water subuse DO. Insufficient data to assess for other DO criteria. Segment meets the assessed Deep Water (30 day mean). Insufficient data to assess for other Deep Water subuse DO criteria. All Open Water and Deep Water criteria must be assessed until segment can be delisted for DO. Until then this segment will either be classified as category 3B or 4A for these subuses.				
VACB-R01E-CB6S	Chesapeake Bay - Southern portion of CBP Segment CB6PH	160.2423 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation
<i>Delisting Summary:</i> PARTIAL DELIST 2012-Aquatic Plants (Macrophytes)-CB6PH-SAV-BAY (2008)				
Water clarity acreage meets the criterion for this use.				
Segment fails 30-Day criteria for Open Water subuse DO. Insufficient data to assess other DO criteria. All Open Water criteria must be assessed until segment can be delisted for DO. Until then this segment will either be classified as category 3B or 4A for this subuse.				

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Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins			
VAP-C01E_BAL01B10	Ball Creek	0.0378 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - C01E-16-SF / Federal ID 33103 (CFL 2010)</p> <p>Ball Creek was assessed as impaired of the Shellfish Consumption Use during the 1998 cycle due to VDH-DSS condemnation 124B, 6/2/1997. During the 2008 cycle, the condemnation was rescinded on 5/15/2006. Although the segment was reopened for harvest, the bacteria TMDL was completed for the segment during the 2008 cycle and was approved by the EPA on 8/22/2007. The segment (VAP-C01E-14) was delisted and was considered Category 2C for the Shellfish Consumption Use.</p> <p>During the 2010 cycle, a portion of this area reclosed for harvest (014-124B, 4/19/2007). This portion was considered Category 4A for the Shellfish Use.</p> <p>VDH-DSS Condemnation 014-124B, 4/19/2007 was rescinded during the 2012 cycle and was open on the 4/27/2009 condemnation, therefore it will be delisted (Category 2C).</p>			
VAP-C01E_BAR01A98	Barrett Creek	0.0726 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - C01E-04-SF / 15003 / VAP-C01E-04 (CFL 2004)</p> <p>VDH-DSS Shellfish Condemnation Notice 013-089E, 12/8/2008 is open on 8/23/2010, therefore it will be delisted.</p>			
VAP-C01E_BAR02A08	Barrett Creek	0.0196 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - C01E-39-SF (CFL 2008)</p> <p>VDH-DSS Shellfish Condemnation Number 013-089H, 12/8/2008 is open on condemnation 013-089, 8/23/2010, therefore the segment will be delisted.</p>			
VAP-C01E_CHA01A08	Chases Cove	0.0166 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - 0.0166 mi² Fecal Coliform - C01E-48-SF / 00955 / VAP-C01E-24 / Federal ID 38242 (CFL 2006)</p> <p>Portion of VDH-DSS Shellfish Condemnation Notice 016-024B, 12/28/2007</p> <p>The upper portion of Dymer Creek was included on the 1998 303(d) list due to VDH condemnation 24A, 3/5/1997. During the 2006 cycle, the condemnation expanded downstream into Chases Cove. However, during the 2008 cycle, the condemnations shrank and split into two separate condemnations - 016-024A Dymer Creek and 016-024F, Chases Cove. The Chases Cove impairment was addressed in fact sheet C01E-48-SF; since Chases Cove was first impaired during the 2006 cycle, the TMDL was due in 2018.</p> <p>The Shellfish TMDL for Dymer Creek (which included Chases Cove) was developed during the 2010 cycle. The TMDL addressed the maximum extent of the condemnation, which occurred on 1/28/2005. The segment is considered Category 4A. The condemnation has since shortened and split into 024B and 024C. The open area will be partially delisted.</p>			

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins			
VAP-C01E_DIV01B12	Dividing Creek	0.1752 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - 0.1753 mi² Fecal Coliform - C01E-15-SF / 00953 / VAP-C01E-15 / Federal ID 25337 (CFL 1998)</p> <p>Portion of VDH-DSS Shellfish Condemnation Notice 015-022B, 4/17/2008 Open 5/18/2010</p> <p>The upstream section of Dividing Creek was included on the 1998 303(d) list for the Shellfish Use due to VDH condemnation 22A, 2/27/1997. During the 2008 cycle, although the condemnation shrank and split into separate sections, the bacterial TMDL was completed for the entire 1998 impairment. During the 2010 cycle, the condemnations merged and expanded past the 1998 impaired area. The portion within the completed TMDL was considered Category 4A. (The expansion will be addressed in fact sheet C01E-15-SF2). During the 2012 cycle, the condemnation shrank considerably and split into 4 segments (015-022A, -B, -G, and -H). The expansion will be delisted (see C01E-15-SF2). The open area that is within the TMDL study area will be considered Category 2C. The closed areas remain Category 4A.</p>			
VAP-C01E_DIV03B10	Dividing Creek	0.0406 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - C01E-15-SF2 (CFL 2010)</p> <p>Portion of VDH-DSS Shellfish Condemnation Notice 015-022B, 4/17/2008</p> <p>The upstream section of Dividing Creek was included on the 1998 303(d) list for the Shellfish Use due to VDH condemnation 22A, 2/27/1997. During the 2008 cycle, although the condemnation shrank and split into separate sections, the bacterial TMDL was completed for the entire 1998 impairment. During the 2010 cycle, the condemnations merged and expanded past the 1998 impaired area. The portion within the completed TMDL was considered Category 4A. The expansion is considered Category 5B; the TMDL is due in 2022.</p> <p>During the 2012 cycle, the condemnation shrank considerably and split into 4 segments (015-022A, -B, -G, and -H). The expansion will be delisted.</p>			
VAP-C01E_FLB01A00	Fleets Bay	5.1477 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - Estuarine Bioassessments - CB5MH-EBEN-BAY (CFL 2008)</p> <p>Fleets Bay had previously considered impaired of the Aquatic Life Use because the estuarine benthic index of biological integrity assessment showed that the mainstem waters of CBP segment CB5MH has impaired benthic macroinvertebrate communities. However, during the 2012 cycle, the Chesapeake Bay B-IBI was acceptable in CB5MH, therefore it will be delisted.</p>			
VAP-C01E_GOU01A06	Gougher Creek	0.0754 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - C01E-32-SF / 15004 VAP-C01E-32 (CFL 2006)</p> <p>VDH-DSS Shellfish Condemnation Notice 013-220D, 12/8/2008 is open for harvest on the 8/23/2010 condemnation, therefore Gougher Creek will be delisted.</p>			

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins			
VAP-C01E_HEN01A00	Henrys Creek	0.044 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - C01E-44-SF / Federal ID 35987 (CFL 2008)</p> <p>VDH-DSS Shellfish Condemnation Notice 016-057C, 12/17/2008 was rescinded. Henrys Creek is open on condemnation 016-057, 12/21/2010, therefore it will be delisted.</p> <p>The TMDL for Henrys Creek was developed as part of the Indian Creek Shellfish TMDL, which was approved by the EPA on 4/8/2009 and by the SWCB on 7/27/2009. The TMDL was developed for the maximum extent of the condemnations, which occurred on 1/28/2005. This segment will be considered Category 2C.</p>			
VAP-C01E_IND01A98	Indian Creek, Pitmans Cove	0.2711 Square Miles	Recreation
<p>Delisting Summary: PARTIAL DELIST 2012 - Enterococci - C01E-29-BAC /15002 / VAP-C01E-29 / Federal ID 36047 (CFL 2006)</p> <p>In 2006, Indian Creek was assessed as not supporting for the Recreation Use due to enterococci exceedances at station 7-IND002.26. During the 2010 cycle, the enterococci violation rate was 7/51. The bacterial TMDL for Indian Creek was developed by the DEQ and approved by the EPA on 4/8/2009 and by the SWCB on 7/27/2009. Allocations were given to point and nonpoint sources. Indian Creek was considered a Category 4A water. However, during the 2012 cycle, the exceedance rate dropped to 4/47, therefore Indian Creek will be delisted (Category 2C.)</p>			
VAP-C01E_IND01B10	Indian Creek	0.037 Square Miles	Recreation
<p>Delisting Summary: PARTIAL DELIST 2012 - Enterococci - C01E-29-BAC /15002 / VAP-C01E-29 / Federal ID 36047 (CFL 2006)</p> <p>In 2006, Indian Creek was assessed as not supporting for the Recreation Use due to enterococci exceedances at station 7-IND002.26. During the 2010 cycle, the enterococci violation rate was 7/51. The bacterial TMDL for Indian Creek was developed by the DEQ and approved by the EPA on 4/8/2009 and by the SWCB on 7/27/2009. Allocations were given to point and nonpoint sources. Indian Creek was considered a Category 4A water. However, during the 2012 cycle, the exceedance rate dropped to 4/47, therefore Indian Creek will be delisted (Category 2C.)</p>			
VAP-C01E_IND01C10	Indian Creek	0.1038 Square Miles	Recreation
<p>Delisting Summary: PARTIAL DELIST 2012 - Enterococci - C01E-29-BAC /15002 / VAP-C01E-29 / Federal ID 36047 (CFL 2006)</p> <p>In 2006, Indian Creek was assessed as not supporting for the Recreation Use due to enterococci exceedances at station 7-IND002.26. During the 2010 cycle, the enterococci violation rate was 7/51. The bacterial TMDL for Indian Creek was developed by the DEQ and approved by the EPA on 4/8/2009 and by the SWCB on 7/27/2009. Allocations were given to point and nonpoint sources. Indian Creek was considered a Category 4A water. However, during the 2012 cycle, the exceedance rate dropped to 4/47, therefore Indian Creek will be delisted (Category 2C.)</p>			

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins			
VAP-C01E_IND02A98	Indian Creek	0.0154 Square Miles	Recreation
<p>Delisting Summary: PARTIAL DELIST 2012 - Enterococci - C01E-29-BAC /15002 / VAP-C01E-29 / Federal ID 36047 (CFL 2006)</p> <p>In 2006, Indian Creek was assessed as not supporting for the Recreation Use due to enterococci exceedances at station 7-IND002.26. During the 2010 cycle, the enterococci violation rate was 7/51. The bacterial TMDL for Indian Creek was developed by the DEQ and approved by the EPA on 4/8/2009 and by the SWCB on 7/27/2009. Allocations were given to point and nonpoint sources. Indian Creek was considered a Category 4A water. However, during the 2012 cycle, the exceedance rate dropped to 4/47, therefore Indian Creek will be delisted (Category 2C.)</p>			
VAP-C01E_JOH01A06	Johnson Creek	0.0285 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - C01E-26-SF / 15001 / VAP-C01E-26 / Federal ID 38243 (CFL 2006)</p> <p>VDH-DSS Shellfish Condemnation Notice 016-024D, 12/27/2008 is open on 12/21/2010 therefore it will be delisted.</p> <p>The Shellfish TMDL for Johnson Creek was developed during the 2010 cycle and was approved by the EPA on 4/8/2009 and by the SWCB on 7/27/2009. The creek is considered a Category 2C water.</p>			
VAP-C01E_OHC01A08	Old House Cove	0.0241 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - C01E-43-SF (CFL 2008)</p> <p>VDH-DSS Shellfish Condemnation Number 015-022A, 4/17/2008 is open for harvest in condemnation 015-022, 5/18/2010, therefore Old House Cove will be delisted.</p>			
VAP-C01E_TBS01B10	Tabbs Creek	0.1808 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform 0.0577 mi2 - C01E-27-SF (VAP-C01E-27 / 00971 / Federal TMDL ID 35982) (CFL 1998)</p> <p>A portion of Tabbs Creek was impaired of the Shellfish Consumption Use during the 1998 cycle due VDH-DSS Shellfish Condemnation Notice 133, 3/5/1997. This condemnation later expanded in the 2008 cycle (016-133A, 12/13/2006).</p> <p>During the 2010 cycle, the TMDL was developed for the maximum extent. It was approved by the EPA on 4/8/2009 and by the SWCB on 7/27/2009. The current condemned area has shrunk (016-133A, 12/28/2007). The condemned area will be considered Category 4A; the downstream open area was partially delisted (Category 2C). During the 2012 cycle, the impaired area shrunk again by 0.0577 square miles based on condemnation 016-133A, 12/23/2009.</p>			
VAP-C01E_XEO01A10	Reason Creek, UT	0.0223 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - C01E-30-SF (CFL 2010)</p> <p>VDH-DSS Shellfish Condemnation Number 013-220E, 12/8/2008 is open on 8/23/2010, therefore it will be delisted</p>			

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Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins			
VAP-C01E_XUC01A98	Unnamed Cove of Dividing Creek	0.0131 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - C01E-18-SF / 00976 / VAP-C01E-18 / Federal ID 25338 (CFL 1998)</p> <p>VDH-DSS Shellfish Condemnation Notice 015-022C, 4/17/2008 - now open</p> <p>The cove was included on the 1998 303(d) list as impaired for the Shellfish Use due to condemnation 22B, 2/27/1997. The bacteria TMDL was completed during the 2008 cycle and was approved by the EPA on 6/8/2006. The cove was considered Category 4A for the Shellfish Use. However, the area is open for harvest on condemnation 015-022, 5/18/2010, therefore the tributary will be delisted (Category 2C).</p>			
VAP-C03E_COB01A02	Cobbs Creek	0.0434 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - C03E-11-SF / VAP-C03E-11 / 00195 / Federal ID 25344 (CFL 1998)</p> <p>The upper portion of Cobbs Creek was originally listed in 1998 as not supporting for the Shellfish Use based on VDH-DSS Shellfish Condemnation 170, 3/2/1993. Although the condemnation expanded on 10/13/2003, the Piankatank River, Lower Watershed TMDL Report for Shellfish Condemnation Areas Listed due to Bacteria Contamination, which was completed during the 2006 cycle and approved by the EPA on 11/15/2005, only addressed the original upstream portion. The upstream segment was assessed as Cat 4A. The lower portion is addressed in fact sheet C03E-12-SF; the TMDL for the lower portion was due in 2018.</p> <p>During the 2012 cycle, the condemnation (034-126B, 8/21/2008) was rescinded. Cobbs Creek will be delisted and classified Category 2C. Note: A portion of the TMDL area is now included in seasonal condemnation 034-126.</p>			
VAP-C03E_COB01B12	Cobbs Creek	0.0035 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - C03E-11-SF / VAP-C03E-11 / 00195 / Federal ID 25344 (CFL 1998)</p> <p>The upper portion of Cobbs Creek was originally listed in 1998 as not supporting for the Shellfish Use based on VDH-DSS Shellfish Condemnation 170, 3/2/1993. Although the condemnation expanded on 10/13/2003, the Piankatank River, Lower Watershed TMDL Report for Shellfish Condemnation Areas Listed due to Bacteria Contamination, which was completed during the 2006 cycle and approved by the EPA on 11/15/2005, only addressed the original upstream portion. The upstream segment was assessed as Cat 4A. The lower portion is addressed in fact sheet C03E-12-SF; the TMDL for the lower portion was due in 2018.</p> <p>During the 2012 cycle, the condemnation (034-126B, 8/21/2008) was rescinded. Cobbs Creek will be delisted and classified Category 2C. Note: A portion of the TMDL area is now included in seasonal condemnation 034-126.</p>			

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Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins			
VAP-C03E_COB02A02	Cobbs Creek	0.0168 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - C03E-12-SF / 15006 / VAP-C03E-12 (CFL 2006)</p> <p>The upper portion of Cobbs Creek was originally listed in 1998 as not supporting for the Shellfish Use based on VDH-DSS Shellfish Condemnation 170, 3/2/1993. Although the condemnation expanded on 10/13/2003, the Piankatank River, Lower Watershed TMDL Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination, which was completed during the 2006 cycle and approved by the EPA on 11/15/2005, only addressed the original upstream portion. The upstream segment will be assessed as Cat 4A. The TMDL for this lower portion was due in 2018.</p> <p>During the 2010 cycle, the condemnation retreated and split. The downstream part of Cobbs Creek was opened for shellfish harvest. In addition, a portion is considered fully supporting with observed effects due to seasonal condemnation 034-126M1, 8/21/2008. In the 2012 cycle, the 034-126C, 8/21/2008 condemnation on Cobbs Creek were rescinded, therefore the creek will be delisted (Category 2A)</p>			
VAP-C03E_COR01A08	Cores Creek	0.0175 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - C03E-18-SF (CFL 2008)</p> <p>VDH-DSS Shellfish Condemnation 035-208D, 8/21/2008 was rescinded during the 2012 cycle (034-208, 8/26/2009), therefore it will be delisted.</p>			
VAP-C03E_FER01A98	Ferry Creek	0.1244 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - C03E-04-SF / VAP-C03E-04 / 00986 (CFL 2002)</p> <p>VDH-DSS Shellfish Condemnation Notice 035-076B, 5/29/2008 was opened during the 2012 cycle (6/24/2010) therefore it will be delisted.</p>			
VAP-C03E_HEA02A06	Healy Creek	0.0216 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - C03E-13-SF / VAP-C03E-12 / 15007 (CFL 2002)</p> <p>Portion of VDH-DSS Shellfish Condemnation Notice 034-208C, 8/21/2008</p> <p>The upper portion of Healy Creek was originally listed in 1998 as not supporting for the Shellfish Use based on VDH-DSS Shellfish Condemnation 129, 3/3/1997. Although the condemnation expanded in 1999, the Piankatank River, Lower Watershed TMDL Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination, which was completed during the 2006 cycle and approved by the EPA on 11/15/2005, only addressed the original upstream portion. This upstream segment is assessed as Cat 4A. The lower portion is addressed in condemnation C03E-13-SF; the TMDL was due in 2014. However, during the 2012 cycle, the condemnation retracted and now matches the 1998 impairment which remains Category 4A. Impairment C03E-13-SF will be delisted.</p>			

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Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins			
VAP-C03E_PNK01A02	Piankatank River	0.5578 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - C03E-02-SF2 /00980 / VAP-C03E-02 (CFL 2002)</p> <p>Portion of VDH Shellfish Condemnation 035-076A, 6/24/2010</p> <p>During the 1998 cycle, the tidal Piankatank River above Anderson Point and Harpers Creek were included on the 303(d) list due to VDH condemnations 76A and 76B (6/10/1997), respectively. In June 2000, the condemnation area expanded and the condemnations were merged. However the shellfish bacteria TMDL, which was developed by the DEQ and approved by the EPA on 6/7/2006, only addressed the original upstream areas of the Piankatank River and Harpers Creek. These areas will be considered Category 4A.</p> <p>Since the condemnation first expanded during the 2002 cycle, the TMDL for the downstream areas were due in 2014.</p> <p>The expansion shrank in the 2010 cycle, although the condemnation was still larger than the 1998 condemnation.</p> <p>During the 2012 cycle, the condemnation shrank considerably and Harpers Creek was split off again. The Piankatank River condemnation is now smaller than the 1998 impairment. The 1998 portion will be considered Category 4A/Category 2C (partial delist) as appropriate. This downstream expansion will be delisted.</p>			
VAP-C03E_PNK01B12	Piankatank River	0.3694 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - 0.3695 mi2 Fecal Coliform - C03E-02-SF/ 00980 / VAP-C03E-02 / Federal ID 25343 (CFL 1998)</p> <p>During the 1998 cycle, the tidal Piankatank River above Anderson Point and Harpers Creek were included on the 303(d) list due to VDH condemnations 76A and 76B (6/10/1997), respectively. In June 2000, the condemnation area expanded and the condemnations were merged. However the shellfish bacteria TMDL, which was developed by the DEQ and approved by the EPA on 6/7/2006, only addressed the original upstream areas of the Piankatank River and Harpers Creek. These areas will be considered Category 4A.</p> <p>Since the condemnation first expanded during the 2002 cycle, the TMDL for the downstream areas were due in 2014 and are addressed in fact sheet C03E-02-SF2.</p> <p>During the 2012 cycle, the condemnation shrank considerably and Harpers Creek was split off again. The Piankatank River condemnation is now smaller than the 1998 impairment (VDH Shellfish Condemnation 035-076A, 6/24/2010). The 1998 portion will be considered Category 4A/Category 2C (partial delist) as appropriate. The downstream expansion will be delisted.</p>			
VAP-C03E_PNK08B08	Piankatank River, UT	0.0047 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - C03E-17-SF (CFL 2008)</p> <p>VDH Shellfish Condemnation 034-126C, 8/21/2008 was rescinded during the 2012 cycle (8/24/2010), therefore it will be delisted.</p>			

Waters Identified for Delisting Since 2010 Report

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Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins			
VAP-C04E_BKA01B12	Back Creek	0.039 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - 0.039 sq. mi. Fecal Coliform - C04E-10-SF / 00994 / VAP-C04E-10 / Federal ID 25347 (CFL 1998)</p> <p>Back Creek was included on the 1998 303(d) list due to VDH Shellfish Condemnation 157C, 6/3/1997. The creek was addressed in the North River Bacteria TMDL which was approved by the EPA on 6/7/2006.</p> <p>During the 2012 cycle, VDH Shellfish Condemnation 042-157C, 6/17/2007 shortened and the downstream portion was reopened for harvest (042-157, 6/30/2010); it will be partially delisted (Category 2C). The closed portion will be assessed as a Category 4A water.</p>			
VAP-C04E_BLP02C12	Billups Creek	0.005 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - 0.736 mi² Fecal Coliform - C04E-07-SF2 / 00995 / VAP-C04E-02 (CFL 2002)</p> <p>Portion of VDH Shellfish Condemnation 037-061B, 1/28/2010</p> <p>A portion of Billups Creek was included on the 1998 303(d) list for the Shellfish Consumption Use due to VDH-DSS condemnation 204, 4/4/1997. The condemned area has since expanded and is currently included under VDH-DSS condemnation 037-061B, 1/29/2008. However, the Shellfish TMDL, which was approved by the EPA on 1/15/2008 and by the SWCB on 7/31/2008 only addresses the 1998 portion. The completed segment is considered Category 4A and the expansion is considered Category 5B. The TMDL will be due in 2014 as the area first expanded in the 2002 cycle.</p> <p>During the 2012 cycle, the condemnation shrank and split. A portion of 037-061B, 1/28/2010 was reopened and another is seasonally condemned (037-061M3, 1/28/2010) and both are considered partially delisted (0.736 mi²).</p>			
VAP-C04E_BLW01A98	Blackwater Creek	0.058 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - C04E-11-SF / 00996 / VAP-C04E-11 / Federal ID 25348 (CFL 1998)</p> <p>During the 1998 cycle, the upper portion of Blackwater Creek and Greenmansion Cove were listed as impaired due to VDH Shellfish Condemnations 131A and 131B, 6/3/1997, respectively. In subsequent assessment cycles, the Blackwater condemnation expanded downstream to its mouth at the North River and the two condemnations were merged. However, the DEQ addressed only the 1998 condemned areas in the North River Bacteria TMDL, which was approved by the EPA on 6/7/2006.</p> <p>In the 2008 cycle, the condemnation was reduced and split into two pieces: Greenmansion Cove (042-131A, 6/26/2006) and Oakland Creek (042-131B, 6/26/2006). Greenmansion Cove will be considered Category 4A due to the completed TMDL. Because it was now open for harvest, the upper portion of Blackwater Creek was considered Category 2C for the Shellfish Use. Oakland Creek was not addressed in the TMDL; since the area was first impaired during the 2006 cycle when the Blackwater Creek condemnation was larger, the TMDL was due in 2018 (see C04E-11-SF2).</p> <p>During the 2010 cycle, a portion of the 1998 Blackwater Creek impairment was included on condemnation 042-131D, 6/10/2008. That area is considered impaired of the Shellfish Use (Category 4A), the remaining portion remained Category 2C. In the 2012 cycle, Blackwater Creek was reopened for harvest, therefore the segment will be delisted.</p>			

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size		Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins				
VAP-C04E_BOR01A10	Borums Creek	0.0268 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Shellfishing

Delisting Summary:

PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - CB6PH-SAV-BAY / VAP-C04E-21 / 10116 / Federal IDs 40815, 40817, and 40819 (CFL 2006)

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The CB6PH segment of the polyhaline Chesapeake Bay failed the submerged aquatic vegetation (SAV) acreage criteria and there was insufficient information to assess the water clarity acreage criteria, therefore the segment was impaired of the Shallow Water Subuse.

However, during the 2012 cycle, the segment meets the water clarity acreage standards and is therefore considered fully supporting and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010, therefore CB6PH is considered Category 2C.

PARTIAL DELIST 2012 - Fecal Coliform - C04E-06-SF (CFL 2010)

VDH-DSS condemnation 039-026C, 5/14/2008 was rescinded in the 2012 cycle and is open for harvest on the 2/25/2010 condemnation. Borums Creek will be delisted.

VAP-C04E_DOC01A98	Doctors Creek	0.0153 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation
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Delisting Summary:

PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - CB6PH-SAV-BAY / VAP-C04E-21 / 10116 / Federal IDs 40815, 40817, and 40819 (CFL 2006)

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The CB6PH segment of the polyhaline Chesapeake Bay failed the submerged aquatic vegetation (SAV) acreage criteria and there was insufficient information to assess the water clarity acreage criteria, therefore the segment was impaired of the Shallow Water Subuse.

However, during the 2012 cycle, the segment meets the water clarity acreage standards and is therefore considered fully supporting and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010, therefore CB6PH is considered Category 2C.

VAP-C04E_DOC01B10	Doctors Creek	0.0095 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Shellfishing
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Delisting Summary:

PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - CB6PH-SAV-BAY / VAP-C04E-21 / 10116 / Federal IDs 40815, 40817, and 40819 (CFL 2006)

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The CB6PH segment of the polyhaline Chesapeake Bay failed the submerged aquatic vegetation (SAV) acreage criteria and there was insufficient information to assess the water clarity acreage criteria, therefore the segment was impaired of the Shallow Water Subuse.

However, during the 2012 cycle, the segment meets the water clarity acreage standards and is therefore considered fully supporting and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010, therefore CB6PH is considered Category 2C.

PARTIAL DELIST 2012 - Fecal Coliform - C04E-19-SF2 (CFL 2010)

A portion of Doctors Creek was included on the 1998 303(d) list due to VDH condemnation 26B, 2/25/1997. The impaired area expanded during the 2010 cycle, however the Shellfish TMDL, which was approved by the EPA on 1/23/2008 and by the SWCB on 7/31/2008, only addressed the 1998 impaired portion. The original condemnation is Category 4A. The expansion was addressed in fact sheet C04E-19-SF2 and was considered Category 5B. The TMDL was due in 2022. However, 039-026B, 5/14/2008 shrank during the 2012 cycle and the condemnation now matches the 1998 segmentation. C04E-19-SF2 will be delisted.

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size		Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins				
VAP-C04E_DYE01A08	Dyer Creek	0.0194 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Shellfishing
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - CB6PH-SAV-BAY / VAP-C04E-21 / 10116 / Federal IDs 40815, 40817, and 40819 (CFL 2006)				
During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The CB6PH segment of the polyhaline Chesapeake Bay failed the submerged aquatic vegetation (SAV) acreage criteria and there was insufficient information to assess the water clarity acreage criteria, therefore the segment was impaired of the Shallow Water Subuse.				
However, during the 2012 cycle, the segment meets the water clarity acreage standards and is therefore considered fully supporting and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010, therefore CB6PH is considered Category 2C.				
PARTIAL DELIST 2012 - Fecal Coliform - C04E-34-SF (CFL 2008)				
VDH-DSS Shellfish Condemnation 039-100A, 5/14/2008 was rescinded during the 2012 cycle. The area is open for harvest in condemnation 039-100, 2/25/2010, therefore Dyer Creek will be delisted.				
VAP-C04E_DYE02A04	Dyer Creek	0.2522 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - CB6PH-SAV-BAY / VAP-C04E-21 / 10116 / Federal IDs 40815, 40817, and 40819 (CFL 2006)				
During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The CB6PH segment of the polyhaline Chesapeake Bay failed the submerged aquatic vegetation (SAV) acreage criteria and there was insufficient information to assess the water clarity acreage criteria, therefore the segment was impaired of the Shallow Water Subuse.				
However, during the 2012 cycle, the segment meets the water clarity acreage standards and is therefore considered fully supporting and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010, therefore CB6PH is considered Category 2C.				
VAP-C04E_DYE02B10	Dyer Creek, UT	0.0125 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Shellfishing
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - CB6PH-SAV-BAY / VAP-C04E-21 / 10116 / Federal IDs 40815, 40817, and 40819 (CFL 2006)				
During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The CB6PH segment of the polyhaline Chesapeake Bay failed the submerged aquatic vegetation (SAV) acreage criteria and there was insufficient information to assess the water clarity acreage criteria, therefore the segment was impaired of the Shallow Water Subuse.				
However, during the 2012 cycle, the segment meets the water clarity acreage standards and is therefore considered fully supporting and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010, therefore CB6PH is considered Category 2C.				
PARTIAL DELIST 2012 - Fecal Coliform - C04E-21-SF (CFL 2010)				
VDH-DSS condemnation 039-100C, 5/14/2008 was rescinded during the 2012 cycle. The area is open for harvest in condemnation 039-100, 2/25/2010, therefore the tributary will be delisted.				

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size		Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins				
VAP-C04E_ELM01A98	Elmington Creek	0.0225 Square Miles	Shellfishing	
Delisting Summary:				
PARTIAL DELIST 2012 - Fecal Coliform - C04E-09-SF / 01002 / VAP-C04E-09 / Federal ID 25346 (CFL 1998)				
The upstream portion of Elmington Creek was included on the 1998 303(d) list due to VDH Shellfish Condemnation 157B, 6/3/1997. The condemnation has since expanded, however the DEQ only addressed the original impaired segment in the North River Bacteria TMDL which was approved by the EPA on 6/7/2006. The original portion was considered Category 4A. The expanded area was addressed in fact sheet C04E-09-SF2; the TMDL was due in 2018 since it first expanded in the 2006 cycle.				
However, during the 2012 cycle, condemnation 042-157B, 6/15/2007 was rescinded and Elmington Creek was reopened for harvest. The entire stream will be delisted. The upstream portion will be considered Category 2C; the downstream portion is assessed as Category 2A.				
VAP-C04E_ELM01B08	Elmington Creek	0.0085 Square Miles	Shellfishing	
Delisting Summary:				
PARTIAL DELIST 2012 - Fecal Coliform - C04E-09-SF2 / 01002 / VAP-C04E-09 (CFL 2006)				
The upstream portion of Elmington Creek was included on the 1998 303(d) list due to VDH Shellfish Condemnation 157B, 6/3/1997. The condemnation has since expanded, however the DEQ only addressed the original impaired segment in the North River Bacteria TMDL which was approved by the EPA on 6/7/2006. The original portion was considered Category 4A. The expanded area was addressed in fact sheet C04E-09-SF2; the TMDL was due in 2018 since it first expanded in the 2006 cycle.				
However, during the 2012 cycle, condemnation 042-157B, 6/15/2007 was rescinded and Elmington Creek was reopened for harvest. The entire stream will be delisted. The upstream portion will be considered Category 2C; the downstream portion is assessed as Category 2A.				
VAP-C04E_GDN01A06	Garden Creek	0.6084 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - CB6PH-SAV-BAY / VAP-C04E-21 / 10116 / Federal IDs 40815, 40817, and 40819 (CFL 2006)				
During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The CB6PH segment of the polyhaline Chesapeake Bay failed the submerged aquatic vegetation (SAV) acreage criteria and there was insufficient information to assess the water clarity acreage criteria, therefore the segment was impaired of the Shallow Water Subuse.				
However, during the 2012 cycle, the segment meets the water clarity acreage standards and is therefore considered fully supporting and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010, therefore CB6PH is considered Category 2C.				

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins			
VAP-C04E_GRE01A08	Greenmansion Cove	0.0401 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - C04E-11-SF / VAP-C04E-11 / 00996 / Federal ID 25348 (CFL 1998)</p> <p>Portion of VDH-DSS Shellfish Condemnation 042-131M1, 6/30/2010</p> <p>During the 1998 cycle, the upper portion of Blackwater Creek and Greenmansion Cove were listed as impaired due to VDH Shellfish Condemnations 131A and 131B, 6/3/1997, respectively. In subsequent assessment cycles, the Blackwater condemnation expanded downstream to its mouth at the North River and the two condemnations were merged. However, the DEQ addressed only the 1998 condemned areas in the North River Bacteria TMDL, which was approved by the EPA on 6/7/2006.</p> <p>In the 2008 cycle, the condemnation was reduced and split into two pieces: Greenmansion Cove (042-131A, 6/26/2006) and Oakland Creek (042-131B, 6/26/2006). Greenmansion Cove was considered Category 4A due to the completed TMDL. Because it was now open for harvest, the upper portion of Blackwater Creek was considered Category 2C for the Shellfish Use. Oakland Creek was not addressed in the TMDL; since the area was first impaired during the 2006 cycle when the Blackwater Creek condemnation was larger, the TMDL was due in 2018 (see C04E-11-SF2).</p> <p>During the 2010 cycle, a portion of the Greenmansion Cove impairment was changed to seasonally condemned (041-131M1, 6/10/2008). This portion was partially delisted (Category 2B/2C). The remaining areas continued to be impaired (041-131A, 6/10/2008) and was considered Category 4A. However, during the 2012 cycle, the entire area converted to seasonally condemned, therefore Greenmansion Cove will be delisted (Category 2C).</p>			
VAP-C04E_HAH01A98	Horn Harbor	0.0775 Square Miles	Aquatic Life Shallow-Water Submerged Aquatic Vegetation
<p>Delisting Summary: PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - CB6PH-SAV-BAY / VAP-C04E-21 / 10116 / Federal IDs 40815, 40817, and 40819 (CFL 2006)</p> <p>During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The CB6PH segment of the polyhaline Chesapeake Bay failed the submerged aquatic vegetation (SAV) acreage criteria and there was insufficient information to assess the water clarity acreage criteria, therefore the segment was impaired of the Shallow Water Subuse.</p> <p>However, during the 2012 cycle, the segment meets the water clarity acreage standards and is therefore considered fully supporting and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010, therefore CB6PH is considered Category 2C.</p>			
VAP-C04E_HAH02A02	Horn Harbor	1.458 Square Miles	Aquatic Life Shallow-Water Submerged Aquatic Vegetation
<p>Delisting Summary: PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - CB6PH-SAV-BAY / VAP-C04E-21 / 10116 / Federal IDs 40815, 40817, and 40819 (CFL 2006)</p> <p>During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The CB6PH segment of the polyhaline Chesapeake Bay failed the submerged aquatic vegetation (SAV) acreage criteria and there was insufficient information to assess the water clarity acreage criteria, therefore the segment was impaired of the Shallow Water Subuse.</p> <p>However, during the 2012 cycle, the segment meets the water clarity acreage standards and is therefore considered fully supporting and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010, therefore CB6PH is considered Category 2C.</p>			

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size		Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins				
VAP-C04E_HAH02B12	Horn Harbor	0.0044 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation

Delisting Summary:

PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - CB6PH-SAV-BAY / VAP-C04E-21 / 10116 / Federal IDs 40815, 40817, and 40819 (CFL 2006)

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The CB6PH segment of the polyhaline Chesapeake Bay failed the submerged aquatic vegetation (SAV) acreage criteria and there was insufficient information to assess the water clarity acreage criteria, therefore the segment was impaired of the Shallow Water Subuse.

However, during the 2012 cycle, the segment meets the water clarity acreage standards and is therefore considered fully supporting and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010, therefore CB6PH is considered Category 2C.

VAP-C04E_HAH02C12	Horn Harbor	0.0581 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation
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Delisting Summary:

PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - CB6PH-SAV-BAY / VAP-C04E-21 / 10116 / Federal IDs 40815, 40817, and 40819 (CFL 2006)

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The CB6PH segment of the polyhaline Chesapeake Bay failed the submerged aquatic vegetation (SAV) acreage criteria and there was insufficient information to assess the water clarity acreage criteria, therefore the segment was impaired of the Shallow Water Subuse.

However, during the 2012 cycle, the segment meets the water clarity acreage standards and is therefore considered fully supporting and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010, therefore CB6PH is considered Category 2C.

VAP-C04E_HAH03A06	Horn Harbor	0.088 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation
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Delisting Summary:

PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - CB6PH-SAV-BAY / VAP-C04E-21 / 10116 / Federal IDs 40815, 40817, and 40819 (CFL 2006)

During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The CB6PH segment of the polyhaline Chesapeake Bay failed the submerged aquatic vegetation (SAV) acreage criteria and there was insufficient information to assess the water clarity acreage criteria, therefore the segment was impaired of the Shallow Water Subuse.

However, during the 2012 cycle, the segment meets the water clarity acreage standards and is therefore considered fully supporting and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010, therefore CB6PH is considered Category 2C.

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>Chesapeake Bay/Atlantic/Small Coastal Basins</i>			
VAP-C04E_HAH04A06	Horn Harbor (Jacks Creek)	0.0197 Square Miles	Aquatic Life Shallow-Water Submerged Aquatic Vegetation Shellfishing
Delisting Summary:			
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - CB6PH-SAV-BAY / VAP-C04E-21 / 10116 / Federal IDs 40815, 40817, and 40819 (CFL 2006)			
During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The CB6PH segment of the polyhaline Chesapeake Bay failed the submerged aquatic vegetation (SAV) acreage criteria and there was insufficient information to assess the water clarity acreage criteria, therefore the segment was impaired of the Shallow Water Subuse.			
However, during the 2012 cycle, the segment meets the water clarity acreage standards and is therefore considered fully supporting and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010, therefore CB6PH is considered Category 2C.			
PARTIAL DELIST 2012 - Fecal Coliform - C04E-20-SF (CFL 2010)			
VDH-DSS condemnation 039-100M1, 2/25/2010			
Condemnation 039-100B, 5/14/2008 was rescinded during the 2012 cycle. The area is currently seasonally condemned and will be delisted.			
VAP-C04E_OAK01A08	Oakland Creek	0.0369 Square Miles	Shellfishing
Delisting Summary:			
PARTIAL DELIST 2012 - Fecal Coliform - C04E-11-SF2 / 00996 / VAP-C04E-11 (CFL 2006)			
During the 1998 cycle, the upper portion of Blackwater Creek and Greenmansion Cove were listed as impaired due to VDH Shellfish Condemnations 131A and 131B, 6/3/1997, respectively. In subsequent assessment cycles, the Blackwater condemnation expanded downstream to its mouth at the North River and the two condemnations were merged. However, the DEQ addressed only the 1998 condemned areas in the North River Bacteria TMDL, which was approved by the EPA on 6/7/2006.			
In the 2008 cycle, the condemnation was reduced and split into two pieces: Greenmansion Cove (042-131A, 6/26/2006) and Oakland Creek (042-131B, 6/26/2006). Oakland Creek was not addressed in the TMDL; since the area was first impaired during the 2006 cycle when the Blackwater Creek condemnation was larger, the TMDL was due in 2018. However, during the 2012 cycle, VDH-DSS Shellfish Condemnation 042-131B, 6/10/2008 was rescinded and the area was open for harvest on condemnation 042-131, 6/30/2010; therefore it will be delisted.			
VAP-C04E_QUE01D12	Queens Creek	0.0145 Square Miles	Shellfishing
Delisting Summary:			
PARTIAL DELIST 2012 - 0.0838 mi2 Fecal Coliform - C04E-01-SF / 01015 / VAP-C04E-01 / Federal ID 38113 (CFL 1998)			
A portion of Queens Creek was assessed as impaired of the Shellfish Use during the 1998 cycle due to condemnation 99A, 4/9/1997. During several assessment cycles the condemned area has expanded and contracted. (The Shellfish TMDL for Queens Creek was completed during the 2010 cycle and was approved by the EPA on 1/15/2008 and by the SWCB on 7/31/2008. Also during the 2010 cycle, the condemnation shrank again and split into two condemned areas (037-0399A and 037-099C, 1/29/2008) and a seasonally condemned area (037-099M1, 1/29/2008). The condemned areas will be considered Category 4A; the seasonal area was partially delisted (Category 2B).			
Note: during the 2012 cycle, it was determined that the TMDL addressed a smaller segment than previously believed. In addition, the condemnation shrank and split. The Queens Creek mainstem impairment 037-099A, 1/28/2010 is now smaller than the 1998 impairment and is considered Category 4A/2C. 0.0838 mi2 will be partially delisted. The expansion on Queens Creek will be corrected to remove the TMDL. Condemnation 037-099C, 1/28/2010 on Queens Creek, UT remains impaired and is located outside of the TMDL study area. The TMDL will be due in 2014 since the condemnation first expanded in the 2002 cycle (see C04E-01-SF2)			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
Chesapeake Bay/Atlantic/Small Coastal Basins			
VAP-C04E_WHA01A06	Wharf Creek	0.0183 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - C04E-04-SF (CFL 2010)</p> <p>VDH-DSS condemnation 036-197M2, 1/28/2010</p> <p>VDH-DSS Shellfish Condemnation 036-197D, 1/29/2008 was rescinded during the 2012 cycle. The area is currently seasonally condemned and will be delisted.</p>			
VAP-C04E_WIN01A06	Winter Harbor, UT	0.0426 Square Miles	Aquatic Life Shallow-Water Submerged Aquatic Vegetation
<p>Delisting Summary: PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - CB6PH-SAV-BAY / VAP-C04E-21 / 10116 / Federal IDs 40815, 40817, and 40819 (CFL 2006)</p> <p>During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The CB6PH segment of the polyhaline Chesapeake Bay failed the submerged aquatic vegetation (SAV) acreage criteria and there was insufficient information to assess the water clarity acreage criteria, therefore the segment was impaired of the Shallow Water Subuse.</p> <p>However, during the 2012 cycle, the segment meets the water clarity acreage standards and is therefore considered fully supporting and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010, therefore CB6PH is considered Category 2C.</p>			
VAP-C04E_WIN01B00	Winter Harbor	0.3026 Square Miles	Aquatic Life Shallow-Water Submerged Aquatic Vegetation
<p>Delisting Summary: PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - CB6PH-SAV-BAY / VAP-C04E-21 / 10116 / Federal IDs 40815, 40817, and 40819 (CFL 2006)</p> <p>During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The CB6PH segment of the polyhaline Chesapeake Bay failed the submerged aquatic vegetation (SAV) acreage criteria and there was insufficient information to assess the water clarity acreage criteria, therefore the segment was impaired of the Shallow Water Subuse.</p> <p>However, during the 2012 cycle, the segment meets the water clarity acreage standards and is therefore considered fully supporting and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010, therefore CB6PH is considered Category 2C.</p>			
VAP-C04E_WIN01C08	Winter Harbor	0.2409 Square Miles	Aquatic Life Shallow-Water Submerged Aquatic Vegetation
<p>Delisting Summary: PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - CB6PH-SAV-BAY / VAP-C04E-21 / 10116 / Federal IDs 40815, 40817, and 40819 (CFL 2006)</p> <p>During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The CB6PH segment of the polyhaline Chesapeake Bay failed the submerged aquatic vegetation (SAV) acreage criteria and there was insufficient information to assess the water clarity acreage criteria, therefore the segment was impaired of the Shallow Water Subuse.</p> <p>However, during the 2012 cycle, the segment meets the water clarity acreage standards and is therefore considered fully supporting and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010, therefore CB6PH is considered Category 2C.</p>			

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size		Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins				
VAP-C04E_WIN02B06	Winter Harbor	0.0367 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - CB6PH-SAV-BAY / VAP-C04E-21 / 10116 / Federal IDs 40815, 40817, and 40819 (CFL 2006)				
During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The CB6PH segment of the polyhaline Chesapeake Bay failed the submerged aquatic vegetation (SAV) acreage criteria and there was insufficient information to assess the water clarity acreage criteria, therefore the segment was impaired of the Shallow Water Subuse.				
However, during the 2012 cycle, the segment meets the water clarity acreage standards and is therefore considered fully supporting and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010, therefore CB6PH is considered Category 2C.				
VAP-C04E_WIN03A06	Winter Harbor	1.2154 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - CB6PH-SAV-BAY / VAP-C04E-21 / 10116 / Federal IDs 40815, 40817, and 40819 (CFL 2006)				
During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The CB6PH segment of the polyhaline Chesapeake Bay failed the submerged aquatic vegetation (SAV) acreage criteria and there was insufficient information to assess the water clarity acreage criteria, therefore the segment was impaired of the Shallow Water Subuse.				
However, during the 2012 cycle, the segment meets the water clarity acreage standards and is therefore considered fully supporting and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010, therefore CB6PH is considered Category 2C.				
VAP-C04E_ZZZ02A06	Unsegmented estuaries in C04	0.2244 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - CB6PH-SAV-BAY / VAP-C04E-21 / 10116 / Federal IDs 40815, 40817, and 40819 (CFL 2006)				
During the 2006 cycle, the Chesapeake Bay Water Quality Standards were adopted. The CB6PH segment of the polyhaline Chesapeake Bay failed the submerged aquatic vegetation (SAV) acreage criteria and there was insufficient information to assess the water clarity acreage criteria, therefore the segment was impaired of the Shallow Water Subuse.				
However, during the 2012 cycle, the segment meets the water clarity acreage standards and is therefore considered fully supporting and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010, therefore CB6PH is considered Category 2C.				

Waters Identified for Delisting Since 2010 Report

Assessment Unit ID

Waterbody Name

Size

Uses Partially / Fully Restored

Chesapeake Bay/Atlantic/Small Coastal Basins

VAP-C05R_XEF01A10 Fox Mill Run, UT 3.05 Miles Aquatic Life

Delisting Summary:

DELIST 2012 - Dissolved Oxygen - C05R-02-DO (CFL 2010)

During the 2010 cycle, the tributary was assessed as not supporting of the Aquatic Life Use due to dissolved oxygen violations at 7-XEF001.35, which is located at the Route 615 bridge.

During the 2012 cycle, additional monitoring was conducted. In addition, the ""Natural Conditions Assessment for Low Dissolved Oxygen, Fox Mill Run in Gloucester County, Virginia"" report was developed. The report determined that the tributary was below its 7Q10 on 8/25/2008. When the data point is removed and the 2012 exceedance rate is calculated, XEF is fully supporting of the Aquatic Life Use (1/10) and will be delisted.

VAP-C06E_SEN01B08 Northwest Branch Severn River 0.0028 Square Miles Shellfishing

Delisting Summary:

PARTIAL DELIST 2012 - Fecal Coliform - C06E-03-SF (CFL 2008)

The upper portion of the Northwest Branch Severn River and a portion of Vaughans Creek were included on the 1998 303(d) list due to VDH Shellfish Condemnations 93A and 93B, 4/1/1997, respectively. Over various assessment cycles the condemnations have merged and split as the condemnations have expanded downstream in the NW Branch Severn (044-093A, 2/15/2006). As of the 2008 cycle, the condemnations were merged. However the Bacteria TMDL for the Shellfish Impairments in the Severn River Watershed (approved by the EPA on 6/7/2006 and by the SWCB on 3/23/2007) only addressed the original upstream areas. The downstream expansion is addressed in fact sheet C06E-03-SF; the TMDL is due in 2020. The size was reduced in the 2010 cycle because the condemnation shrank and split.

During the 2012 cycle, VDH-DSS Shellfish Condemnation 044-093D, 2/20/2008 was rescinded. The NW Branch Severn River and Vaughans Creek condemnations are now within the TMDL study area. The expansion will be delisted.

VAT-C07E_BAK01C10 Back River-S Shore at Mouth Wallace Cr. [No TMDL] 0.0151 Square Miles Shellfishing

Delisting Summary:

PARTIAL DELIST 2012 - FECAL COLIFORM- C07E-34-SF (2010)

The Shellfishing Use is supporting with an observed effect based on the DSS Seasonal shellfish condemnation (054-215 M1) effective 20101115.

VAT-C07E_CAB01A08 Cabin Creek - Upper 0.0481 Square Miles Shellfishing

Delisting Summary:

PARTIAL DELIST 2012 - FECAL COLIFORM - C07E-30-SF (2008)

The Shellfishing Use is supported due to the DSS shellfish harvesting condemnation # 053-221 (effective 20100302).

Waters Identified for Delisting Since 2010 Report

Assessment Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored		
Chesapeake Bay/Atlantic/Small Coastal Basins					
VAT-C07E_INB01A04	DSS Inlet #2 - Unnamed Inlet S. Shore of SW Br. Back River	0.0078 Square Miles	Shellfishing		
<p>Delisting Summary: PARTIAL DELIST 2012- FECAL COLIFORM - C07E-20-SF (2004)</p> <p>DSS condemnation # 054-215 (effective 2010-11-15). Not covered under TMDL ID VAT-C07E-15-SF (31209), Inlet (Back River), EPA approved 8/2/2006.</p>					
VAT-C07E_SWB01B08	SW Br Back River - Outside DSS Inlet #1 & #2 [TMDL area]	0.0439 Square Miles	Shellfishing		
<p>Delisting Summary: PARTIAL DELIST 2012 - FECAL COLIFORM - C07E-05-SF (2002)</p> <p>DSS shellfish OPEN condemnation # 054-021 (effective 20101115).</p> <p>Covered under TMDL for Back River - Southwest Branch was EPA approved [33839] for Fecal Coliform (VAT-C07E-22-SF) 8/2/2006.</p>					
VAT-C07E_WAL02A06	Wallace Creek - Lower trib to Back River [TMDL]	0.0344 Square Miles	Shellfishing		
<p>Delisting Summary: PARTIAL DELIST 2012- FECAL COLIFORM - C07E-16-SF (1998)</p> <p>The Shellfishing Use is supporting with an observed effect for the SEASONAL DSS shellfish condemnation # 054-215 M1, effective 20101115.</p> <p>Shellfish bacteria impairment covered under TMDL for Back River - Wallace Creek (EPA approved 8/2/2006).</p>					
VAT-C08E_BBY01A06	Broad Bay - Upper	0.0563 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation	Fish Consumption
<p>Delisting Summary: PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer.</p> <p>The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available.</p> <p>The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment. EPA approved Chesapeake Bay TMDL 12/29/2010.</p> <p>PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006) The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04</p>					

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size		Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins				
VAT-C08E_BBY01B10	Broad Bay - Upper, UTs W. Shore [Admin Cond]	0.0237 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer.				
The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available.				
The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment.				
EPA approved Chesapeake Bay TMDL 12/29/2010.				
PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006) The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04				
VAT-C08E_BBY02A06	Broad Bay - Upper Middle	0.8403 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. . The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment.				
PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006) The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04				
VAT-C08E_BBY02B10	UT South Shore Broad Bay [Admin Cond]	0.0011 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment.				
PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006) The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04				

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size		Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins				
VAT-C08E_BBY03A08	Broad Bay - Middle	0.2429 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010. The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment.				
PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006) The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04				
VAT-C08E_BBY03B10	Unnamed Inlet S.W. Shore Broad Bay	0.0144 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010. The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment.				
PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006) The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04				
VAT-C08E_BBY04A08	Broad Bay - Lower Middle	0.0686 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010. The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment.				
PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006) The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04				

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size		Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins				
VAT-C08E_BBY05A08	Broad Bay - Lower	0.0044 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption

Delisting Summary:

PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006)

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010.

The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment.

PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006)

The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04

VAT-C08E_CRY01A00	Crystal Lake	0.1436 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
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Delisting Summary:

PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006)

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010. The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment.

PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006)

The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04

VAT-C08E_DEY01A00	Dey Cove/Mill Dam Creek	0.0949 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
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Delisting Summary:

PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006)

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010.

The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment.

PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006)

The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size		Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins				
VAT-C08E_EBL01A06	Eastern Branch - Upper, Lynnhaven River	0.2259 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010. The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment.				
VAT-C08E_EBL01B10	Eastern Branch - Lower Upper, Lynnhaven River	0.3525 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010. The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment.				
VAT-C08E_EBL02A08	Eastern Branch - Lower, Lynnhaven River	0.16 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - ROY & Summer. The Shallow-Water Submerged Aquatic Vegetation Use is impaired based on failure to meet the SAV acreage criteria. The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment.				
VAT-C08E_LKN01A00	Linkhorn Bay - Upper	0.2287 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010. The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment.				

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size		Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins				
VAT-C08E_LKN02A10	Linkhorn Bay - Lower	0.5259 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010. The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment. DEQ (C2) station @ LKN002.22 indicates severe benthic degradation.				
PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006) The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04				
VAT-C08E_LKN02B10	Linkhorn Bay - Lower [Admin Cond]	0.1764 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010. The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment.				
PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006) The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04				
VAT-C08E_LNC01A00	Little Neck Creek - Upper	0.1627 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010. The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment.				
PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006) The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04				

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size		Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins				
VAT-C08E_LNC02A12	Little Neck Creek-Lower	0.1047 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption Shellfishing

Delisting Summary:

PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006)

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010.

The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment.

PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006)

The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04

PARTIAL DELIST 2012 - FECAL COLIFORM - C08E- 11-SF (1998)

DSS shellfish direct harvesting Seasonal and OPEN condemnation # 071-010 M1 (effective 20101208).

TMDL completed and EPA approved (Category 4A). Previously (2006 IR) listed as TMDL-ID: VAT-C08E-11.

VAT-C08E_LNC02B12	Little Neck Creek-Lower (DSS ADMIN)	0.0719 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
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Delisting Summary:

PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006)

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010.

The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment.

PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006)

The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04

VAT-C08E_LOB01A00	London Bridge Creek	0.0592 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
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Delisting Summary:

PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006)

The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010.

The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment.

PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006)

The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size		Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins				
VAT-C08E_LON01A00	Long Creek	0.3162 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010. The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment.				
PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006) The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04				
VAT-C08E_LYN01A06	Lynnhaven River & Bay - Mainstem	0.8659 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010. The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment.				
PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006) The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04				
VAT-C08E_LYN01B10	Lynnhaven River & Bay - Mainstem [Admin Cond]	0.5877 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010. The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment.				
PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006) The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04				

Waters Identified for Delisting Since 2010 Report

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Unit ID	Waterbody Name	Size		Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins				
VAT-C08E_LYN01C12	Lynnhaven River & Bay - DSS Cond	0.4488 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
<p>Delisting Summary:</p> <p>PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010. The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment.</p> <p>PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006) The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04</p>				
VAT-C08E_THA01A02	Thalia Creek, Thurston Branch & Buchanan Creek	0.2825 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
<p>Delisting Summary:</p> <p>PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010. The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment. Previously (2006 IR) ID as Use Flag VAT-C08E-03.</p> <p>1999 CD segment for DO (Attachment B).</p> <p>PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006) The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04</p>				
VAT-C08E_WES01A06	Western Branch - Upper, Lynnhaven River	0.1507 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
<p>Delisting Summary:</p> <p>PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010. The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment. Previously (2006 IR) ID as Use Flag VAT-C08E-03.</p> <p>PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006) The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04</p>				

Waters Identified for Delisting Since 2010 Report

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Unit ID	Waterbody Name	Size		Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins				
VAT-C08E_WES02A06	Western Branch - Middle, Lynnhaven River	0.3714 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010. The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment. Previously (2006 IR) ID as Use Flag VAT-C08E-03.				
PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006) The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04				
VAT-C08E_WES03A10	Western Branch - Lower, Lynnhaven River	0.0977 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010. The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment. Previously (2006 IR) ID as Use Flag VAT-C08E-03.				
PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006) The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04				
VAT-C08E_WNC01A00	West Neck Creek (Upper) to London Bridge Creek	0.0844 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010. The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment. Previously (2006 IR) ID as Use Flag VAT-C08E-03.				
PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006) The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04				

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size		Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins				
VAT-C08E_XBO01A00	Canal No. 2	0.0396 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010. The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment. Previously (2006 IR) ID as Use Flag VAT-C08E-03.				
PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006) The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04				
VAT-C08E_ZZZ01A00	Unsegmented tidal tributaries in C08E-LYNPH	0.936 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010. The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment. Benthic impairment mirrored in C2 station 7-BWN000.45. Previously (2006 IR) ID as Use Flag VAT-C08E-03.				
PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006) The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04				
VAT-C08E_ZZZ01B10	Unsegmented tidal tributary to Lynnhaven R. & Linkhorn Bay	0.1758 Square Miles	Aquatic Life	Shallow-Water Submerged Aquatic Vegetation Fish Consumption
Delisting Summary:				
PARTIAL DELIST 2012 - Aquatic Plants (Macrophytes) - LYNPH-SAV-BAY/76083 (CFL 2006) The Open-Water Aquatic Life Use is impaired based on failure to meet the dissolved oxygen criteria for Open Water - Summer. The Shallow-Water Submerged Aquatic Vegetation Use was incorrectly listed as impaired in 2010 IR. Now for 2012 there is insufficient data for SAV since WC acre data are not available. EPA approved Chesapeake Bay TMDL 12/29/2010. The Aquatic Life Use is impaired based on failure to meet a statistical evaluation constituting an un-impacted benthic organism population per CBP (Benthic-BIBI) analysis. The source/stressor tool identified sediment contaminants as source for the impairment. Previously (2006 IR) ID as Use Flag VAT-C08E-03.				
PARTIAL DELIST 2012 - PCBS- C08E-01-PCB (2006) The Fish Consumption Use was impaired in 2010; however, the VDH fish consumption advisory for PCBs only includes the Eastern Branch of the Lynnhaven River, issued 12/13/04				

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<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
Chesapeake Bay/Atlantic/Small Coastal Basins			
VAT-C10E_MUD02A06	Muddy Creek - Lower	0.1344 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012- FECAL COLIFORM- C10E-16-SF (2010)</p> <p>The Shellfishing Use is supporting based on the DSS OPEN shellfish direct harvesting condemnation # 076-176 (effective 20080708). No TMDL.</p>			
VAT-C13E_CHC03A08	UT to Church Creek - Lower	0.0531 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - FECAL COLIFORM - C13E-20-SF (2008)</p> <p>The Shellfishing Use supporting based on the DSS shellfish condemnation # 085-185 (effective 20100629). Not covered under TMDL for "Nassawadox Creek Watershed" (33777) EPA approved 10/20/2007.</p>			
VAT-C13E_HGC01B12	Holly Grove Cove- Lower	0.0605 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - FECAL COLIFORM 0.06 SQ MI - C13E-13-SF (1998)</p> <p>The Shellfishing Use is supported based on the DSS OPEN shellfish direct harvesting condemnation # 085-110 (effective 20100629). Previous Use ID (2006 IR) as TMDL ID: VAT-C13E-13. Covered under TMDL for "Nassawadox Creek Watershed" (33777) EPA approved 10/20/2007.</p> <p>1998 CD segment for shellfish (Attachment A, Category 3) VAT-C13E-13.</p>			
VAT-C14E_BRL01A06	Barlow Creek - Upper	0.0385 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - FECAL COLIFORM - C14E-10-SF (1998)</p> <p>The Shellfishing Use is supporting based on DSS shellfish direct harvesting condemnation # 086-136 (effective 20100830). No TMDL.</p> <p>Previous Use ID (2006 IR) as TMDL ID: VAT-C14E-10. 1999 CD segment for shellfish (Attachment A, Category 3) VAT-C14E-10.</p>			
VAT-C15E_CRS01A06	Cherrystone Inlet - Upper	0.2791 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - FECAL COLIFORM - C15E-11-SF (2010)</p> <p>The Shellfishing Use is supporting due to DSS shellfish direct harvesting condemnation # 088-139 (20100728). No TMDL.</p>			

Waters Identified for Delisting Since 2010 Report

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Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
Chesapeake Bay/Atlantic/Small Coastal Basins			
VAT-C15E_CRS02B10	Cherrystone Inlet - Eyrehall Cr. [No TMDL]	0.1034 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012- FECAL COLIFORM - C15E-12-SF (2010) The Shellfishing Use is supporting based on DSS shellfish direct harvesting condemnation # 088-139 (20100728). No TMDL.</p>			
VAT-C15E_CRS02C10	Cherrystone Inlet Lower - Remus Cr. [No TMDL]	0.0266 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012- FECAL COLIFORM - C15E-12-SF (2010) The Shellfishing Use is supporting based on the OPEN DSS shellfish direct harvesting condemnation # 088-139 (20100728). No TMDL.</p>			
VAT-C16E_CCH01A04	Cape Charles Harbor - Upper	0.0564 Square Miles	Recreation
<p>Delisting Summary: PARTIAL DELIST 2012 - ENTEROCOCCI - C16E-01-BAC (2004) The Recreation Use is supporting (3 violate / 36 obs.) based on Enterococcus bacteria at station 7-CCH000.43. Use ID = VAT-C16E-01.</p>			
VAT-D01E_BSC01A00	Big Simoneaston Creek	0.0182 Square Miles	Shellfishing
<p>Delisting Summary: DELIST 2012-FECAL COLIFORM- D01E-05-SF (2008) OPEN DSS condemnation # 099-211 A effective Date 11-8-2010.</p>			
VAT-D01E_ZZZ01B10	Unsegmented estuaries in D01E	0.0211 Square Miles	Shellfishing
<p>Delisting Summary: DELIST 2012-Fecal Coliform- D01E-06-SF (2010) The Shellfishing Use is supporting based on DSS OPEN condemnation # 099-211 effective date 11-8-2010.</p>			
VAT-D03E_FNC02A06	Finney Creek - Lower	0.2549 Square Miles	Shellfishing
<p>Delisting Summary: DELIST 2012-FECAL COLIFORM- D03E-13-SF (2010) DSS Condemnation # 097-219 (effective date 2010-4-13).</p>			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
Chesapeake Bay/Atlantic/Small Coastal Basins			
VAT-D03E_GAR01A04	Gargathy Creek - Upper	0.1215 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - FECAL COLIFORM - D03E-01-SF (2004) Portion of DSS shellfish OPEN direct harvesting condemnation # 098-172 (effective 2010-06-30).</p>			
VAT-D03E_WAS02A08	Wachapreague Channel	0.0111 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - FECAL COLIFORM - D03E-07-SF (2008) DSS shellfish harvesting Seasonal condemnation # 097-219 M1 (effective 2010-04-13).</p>			
VAT-D03E_ZZZ01C10	Unsegmented estuaries in D03E	0.0313 Square Miles	Shellfishing
<p>Delisting Summary: DELIST 2012 - FECAL COLIFORM - D03E-13-SF (2010) The Shellfishing Use is supporting based on the DSS shellfish condemnation # 097-219 A effective date 4-13-2010. Shellfish Condemnation is for Finney, Folly and Nickawampus Creeks.</p>			
VAT-D03R_XDE01A02	Unnamed tributary to Folly Creek	1.46 Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012-DO-D03R-04-DO (2006) The Aquatic Life Use is impaired due to impacts to the stream's benthic population. Current DO support the minimum criteria for dissolved oxygen (0 violates / 7 obs.). Benthic population impacts were recorded at the following sample events: 7-XDE000.40 - moderately impaired [VI: F-10; MI:S&F-07,08 & F-05,10 & S-06 petroleum smell present at site for years] . DEQ Streams Benthic-Macroinvertebrate Bioassessments using Regional Reference method. DO 0 viol / 7 obs. pH 0 viol / 7 obs.</p>			
VAT-D04E_MAC01A00	Machipongo River	0.3139 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012- FECAL COLIFORM (.36) - D04E-05-SF (2008) Shellfishing Use is not supporting with a condemnation # 096-218 A effective data 2009- 9-11.</p>			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
Chesapeake Bay/Atlantic/Small Coastal Basins			
VAT-D04E_PRT01A08	Parting Creek - Upper	0.1601 Square Miles	Shellfishing
<p><i>Delisting Summary:</i> DELIST 2012- FECAL COLIFORM - D04E-04-SF (2008) Shellfishing Use is supporting based on DSS shellfish condemnation # 096-217 (effective date 2010-09-16).</p>			
VAT-D04E_RBC03A08	Red Bank Creek - Middle	0.0065 Square Miles	Shellfishing
<p><i>Delisting Summary:</i> PARTIAL DELIST 2012 - FECAL COLIFORM - D04E-01-SF (2006) Shellfishing Use is supported based on DSS OPEN shellfish condemnation # 095-192 (effective 2010-8-30).</p>			
VAT-D04E_UPS01A06	Quinby Harbor-Upshur Bay	0.0583 Square Miles	Aquatic Life
<p><i>Delisting Summary:</i> DELIST 2012- DO- D04E-03-DO (2006) The Aquatic Life Use is supporting due to dissolved oxygen concentrations (1 violates / 14 obs.) below the criteria minimum (4.0 mg/l) at DEQ (AQM) station @ 7-UPS001.97.</p>			
VAT-D04E_ZZZ01B10	Unsegmented estuaries in D04E	0.035 Square Miles	Shellfishing
<p><i>Delisting Summary:</i> DELIST 2012- FECAL COLIFORM- VAT-D04E-06-SF (2010) The Shellfishing Use is supporting based on the DSS shellfish direct harvesting condemnation no 096-217 with an observed effect for the section 096-217 M2 (Seasonal Condemnation) effective 9-16-2010 unnamed trib to Machipongo River.</p>			
VAT-D06R_MCR01A00	Mill Creek	1.57 Miles	Recreation
<p><i>Delisting Summary:</i> PARTIAL DELIST 2012- ENTEROCOCCI- D06R-01-BAC (2004) The Recreation Use is supporting based on data collected from 2009 & 2010 with 1 viol / 10 obs. Previously the impairment was retained (2006 IR) due to exceedance of the criteria for Fecal Coliform bacteria (2 violates / 17 obs.). No data collected within 2008 or 2010 Assessment.</p>			

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
York River Basin			
VAN-F03R_TLR01A00	Taylor's Creek	16.27 Miles	Recreation
<p>Delisting Summary: DELIST 2012 - E. coli - F03R-02-BAC, VAN-F03R-02 (CFL 2008)</p> <p>During the 2010 cycle, this segment was assessed as not supporting the recreation use because of excursions from the maximum E. coli bacteria criterion (2 of 18 samples - 11.1%) recorded at DEQ's ambient water quality monitoring station 8-TLR002.54 at the Route 673 (Walton's Tavern Road) bridge. Additional bacteria monitoring has been conducted at DEQ ambient monitoring station 8-TLR005.50, located at the Route 610 bridge. Results from the samples collected in 2009 and 2010 found that 0 of 11 samples (0%) exceed the maximum E. coli bacteria criterion. In pooling all the bacteria data together from both stations, only 1 in 17 (5.9%) samples exceed the maximum E. coli bacteria criterion. It has been determined that this segment should be delisted for E. coli based upon an acceptable exceedance rate.</p>			
VAN-F07L_GMC01A02	Lake Anna/Gold Mine Creek	73.82 Acres	Recreation
<p>Delisting Summary: PARTIAL DELIST 2012 - E. coli - F07L-01-BAC (CFL 2008)</p> <p>During the 2010 cycle, this segment was assessed as not supporting the recreation use because of excursions from the maximum E. coli bacteria criterion (4 of 31 samples - 12.9%) were recorded at DEQ's lake monitoring station (8-GMC000.23) and citizen monitoring station (8GMC-13-LACA). Additional bacteria monitoring has been conducted in 2009 and 2010 at citizen monitoring station (8GMC-13-LACA) found that 2 of 24 samples (8.3%) exceed the maximum E. coli bacteria criterion. In pooling all the bacteria data together from both the citizen monitoring station and the DEQ station, 3 of 30 (10.0%) samples exceed the maximum E. coli bacteria criterion. It has been determined that this segment should be delisted for E. coli based upon an acceptable exceedance rate.</p>			
VAN-F10R_LTL01A02	Little River	4.01 Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - pH - F10R-01-PH, VAN-F10R-01, 60103 (CFL 2006)</p> <p>During the 2010 cycle, this segment was assessed as not supporting the aquatic life use because of pH impairments at the Route 622 bridge (8-LTL030.55). This segment was listed based upon excursions below the lower limit of the pH criterion range (3 of 25 samples - 12.0%). Additional monitoring has been conducted and found that 0 of 26 samples (0.0%) were below the lower limit of the pH criterion range. It has been determined that this segment should be delisted for pH based upon an acceptable exceedance rate.</p>			
VAN-F15L_NIR01A02	Ni River Reservoir	234.31 Acres	Fish Consumption
<p>Delisting Summary: DELIST 2012 - Mercury in fish tissue - F15L-01-HG (CFL 2010)</p> <p>During the 2010 cycle, this segment was assessed as not supporting the fish consumption use because of two exceedances of the fish tissue value (TV) of 300 parts per billion (ppb) for mercury (Hg) in fish tissue recorded in two species of fish samples collected in 2003 at monitoring station 8-NIR012.99 (chain pickerel and largemouth bass). In 2008, additional fish tissue monitoring was conducted at 8-NIR012.99. Samples of the following fish species were collected: largemouth bass, chain pickerel, redear sunfish, and black crappie, which produced a most robust dataset than the 2003 samples. Composites of the redear sunfish, black crappie, chain pickerel and largemouth bass were analyzed, as well as 4 individual largemouth bass. All of the samples collected in 2008 were below the fish tissue value (TV) of 300 ppb. Based upon the more robust fish tissue dataset collected in 2008, and that the same fish species collected in 2008 were below the fish tissue value for mercury, it has been determined that this segment should be delisted for mercury in fish tissue.</p>			

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
York River Basin			
VAN-F15L_NIR02A02	Ni River Reservoir	138.89 Acres	Fish Consumption
<p>Delisting Summary: DELIST 2012 - Mercury in fish tissue - F15L-01-HG (CFL 2010)</p> <p>During the 2010 cycle, this segment was assessed as not supporting the fish consumption use because of two exceedances of the fish tissue value (TV) of 300 parts per billion (ppb) for mercury (Hg) in fish tissue recorded in two species of fish samples collected in 2003 at monitoring station 8-NIR012.99 (chain pickerel and largemouth bass). In 2008, additional fish tissue monitoring was conducted at 8-NIR012.99. Samples of the following fish species were collected: largemouth bass, chain pickerel, redear sunfish, and black crappie, which produced a most robust dataset than the 2003 samples. Composites of the redear sunfish, black crappie, chain pickerel and largemouth bass were analyzed, as well as 4 individual largemouth bass. All of the samples collected in 2008 were below the fish tissue value (TV) of 300 ppb. Based upon the more robust fish tissue dataset collected in 2008, and that the same fish species collected in 2008 were below the fish tissue value for mercury, it has been determined that this segment should be delisted for mercury in fish tissue.</p>			
VAN-F15L_PNB01A02	Ni River Reservoir	34.3 Acres	Fish Consumption
<p>Delisting Summary: DELIST 2012 - Mercury in fish tissue - F15L-01-HG (CFL 2010)</p> <p>During the 2010 cycle, this segment was assessed as not supporting the fish consumption use because of two exceedances of the fish tissue value (TV) of 300 parts per billion (ppb) for mercury (Hg) in fish tissue recorded in two species of fish samples collected in 2003 at monitoring station 8-NIR012.99 (chain pickerel and largemouth bass). In 2008, additional fish tissue monitoring was conducted at 8-NIR012.99. Samples of the following fish species were collected: largemouth bass, chain pickerel, redear sunfish, and black crappie, which produced a most robust dataset than the 2003 samples. Composites of the redear sunfish, black crappie, chain pickerel and largemouth bass were analyzed, as well as 4 individual largemouth bass. All of the samples collected in 2008 were below the fish tissue value (TV) of 300 ppb. Based upon the more robust fish tissue dataset collected in 2008, and that the same fish species collected in 2008 were below the fish tissue value for mercury, it has been determined that this segment should be delisted for mercury in fish tissue.</p>			
VAN-F20R_PCT01A00	Polecat Creek	6.66 Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - DO - F20R-01-DO (CFL 2010)</p> <p>During the 2010 cycle, this segment was assessed as not supporting the aquatic life use because of sufficient excursions below the minimum dissolved oxygen criterion (3 of 27 samples - 11.1%) at the Route 601 bridge (8-PCT002.29). Additional monitoring has been conducted at this location and found that 2 of 24 samples (8.3%) exceed the dissolved oxygen criteria. Additionally, 0 of 2 samples collected at station 8-PCT002.95 exceed the dissolved oxygen criteria. In pooling the data for the segment, a total of 2 of 26 samples (7.7%) exceed the dissolved oxygen criteria. It has been determined that this segment should be delisted for dissolved oxygen based upon an acceptable exceedance rate.</p>			
VAN-F22R_MAR02A02	Maracossic Creek	4.31 Miles	Aquatic Life
<p>Delisting Summary: DELIST 2012 - pH - F22R-01-PH, VAN-F22R-01, 00867 (CFL 2002)</p> <p>During the 2010 cycle, this segment was assessed as not supporting the aquatic life use because of excursions below the lower limit of the pH criterion range (2 of 7 samples - 28.6%) recorded at DEQ's ambient water quality monitoring station 8-MAR004.41 at the Route 646 bridge [carried over from the 2008 assessment]. Additional monitoring has been conducted and found that 0 of 7 samples (0%) exceed the pH criteria. Also, 0 of 2 samples exceed the pH criteria for monitoring conducted at station 8-MAR007.63, located downstream of Route 644. In pooling all the bacteria data together from both stations, 0 of 9 (0%) samples fall below the lower limit of the pH criterion range. It has been determined that this segment should be delisted for pH based upon an acceptable exceedance rate.</p>			

Waters Identified for Delisting Since 2010 Report

*Assessment
Unit ID*

Waterbody Name

Size

Uses Partially / Fully Restored

York River Basin

VAP-F23R_XDN01A00 Garnetts Creek, UT 2.53 Miles Aquatic Life

Delisting Summary:

DELIST 2012 - 2.53 miles and Dissolved Oxygen - F23R-02-DO / 01123 (CFL 2002)

Dickeys Swamp from Dogwoods Fork downstream to the mouth was initially assessed as fully supporting but threatened in 1998 based on dissolved oxygen exceedances at the Route 620 bridge (8-DKW000.12)

The segment was downgraded and extended in 2002 cycle to incorporate Dogwood Fork, the UT to Garnetts Creek (at the confluence of Garnetts and Dickeys), and the headwaters of Dickeys Swamp based on the results of a special study. The TMDL is due in 2014.

In the 2004 cycle, the dissolved oxygen exceedance rate at 8-DKW000.12 was still unacceptable (3/19), but monitoring upstream on Dickeys Swamp showed acceptable results. However, the segment length was not modified pending further monitoring.

Additional monitoring in the 2010 cycle confirmed the impairment throughout the segment.

2/6 at 8-DKW000.12
2/6 at 8-DKW001.12
4/6 at 8-DKW004.31
3/6 at 8-DKW005.73
3/6 at 8-DWD000.77
0/2 at 8-XDN000.12

In addition, the impairment was expanded to include Garnetts Creek, Fleets Creek, and Market Swamp below Walker Coleman Pond:

4/32 at 8-GNT001.54
2/6 at 8-FTS001.98
2/6 at 8-MKT001.04

Note: although the violation rate was acceptable at 8-XDN000.12, the two samples were only taken in the winter months when the other stations were also acceptable.

However, during the 2012 cycle, the UT to Garnetts Creek XDN was delisted because additional monitoring showed an acceptable violation rate (1/14).

VAP-F24E_MPN03A98 Mattaponi River 1.3916 Square Miles Aquatic Life

Delisting Summary:

PARTIAL DELIST 2012 - pH - F24E-01-PH (CFL 2010)

During the 2010 cycle, the Mattaponi River from Garnetts Creek downstream to the oligohaline boundary was considered impaired of the Aquatic Life Use due to a pH exceedance rate of 4/36 at 8-MPN017.46. All other stations were acceptable. The TMDL is due in 2022.

The violation rate was acceptable during the 2012 cycle, therefore the segment will be delisted.

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
York River Basin			
VAP-F24E_MPN03B02	Mattaponi River	0.4233 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - Estuarine Bioassessments - F24E-03-EBEN (CFL 2008)</p> <p>During the 2008 cycle, the mainstem portion of the oligohaline Mattaponi River was assessed as not supporting of the Aquatic Life Use due to an impaired estuarine benthic community. There were insufficient samples to assess in the 2010 cycle, therefore the segment remained impaired. During the 2012 cycle, the benthos were fully supporting, therefore the segment will be delisted.</p>			
VAP-F24E_MPN03C06	Mattaponi River	0.7189 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - Estuarine Bioassessments - F24E-03-EBEN (CFL 2008)</p> <p>During the 2008 cycle, the mainstem portion of the oligohaline Mattaponi River was assessed as not supporting of the Aquatic Life Use due to an impaired estuarine benthic community. There were insufficient samples to assess in the 2010 cycle, therefore the segment remained impaired. During the 2012 cycle, the benthos were fully supporting, therefore the segment will be delisted.</p>			
VAP-F25E_MPN05A00	Mattaponi River	1.3 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - Estuarine Bioassessments - F24E-03-EBEN (CFL 2008)</p> <p>During the 2008 cycle, the mainstem portion of the oligohaline Mattaponi River was assessed as not supporting of the Aquatic Life Use due to an impaired estuarine benthic community. There were insufficient samples to assess in the 2010 cycle, therefore the segment remained impaired. During the 2012 cycle, the benthos were fully supporting, therefore the segment will be delisted.</p>			
VAP-F25E_MPN05B06	Mattaponi River	0.3835 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - Estuarine Bioassessments - F24E-03-EBEN (CFL 2008)</p> <p>During the 2008 cycle, the mainstem portion of the oligohaline Mattaponi River was assessed as not supporting of the Aquatic Life Use due to an impaired estuarine benthic community. There were insufficient samples to assess in the 2010 cycle, therefore the segment remained impaired. During the 2012 cycle, the benthos were fully supporting, therefore the segment will be delisted.</p>			
VAT-F26E_ADM01B12	Adams Creek	0.0051 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - 0.0052 mi² Fecal Coliform - VAT-F26E-12 / 01258 / VAT-F26E-12 / Federal ID 36173 (CFL 1998)</p> <p>A portion of Adams Creek was listed on the 1998 303(d) list due to VDH condemnation 198B. The condemnation expanded and, during the 2010 cycle, the condemnation extended to the mouth of the creek (#048-128B, 7/6/2005).</p> <p>However, the TMDL addressed the 1998 impaired area only. The TMDL was approved by the EPA on 6/9/2009.</p> <p>During the 2012 cycle, the condemnation shrank and is now smaller than the 1998 impairment. The open area within the TMDL study area will be partially delisted (Category 2C).</p>			

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
York River Basin			
VAT-F26E_ADM01C12	Adams Creek	0.053 Square Miles	Shellfishing
Delisting Summary:			
PARTIAL DELIST 2012 - 0.0531 mi2 Fecal Coliform - VAT-F26E-12 / 01258 / VAT-F26E-12 / Federal ID 36173 (CFL 1998)			
A portion of Adams Creek was listed on the 1998 303(d) list due to VDH condemnation 198B. The condemnation expanded and, during the 2010 cycle, the condemnation extended to the mouth of the creek (#048-128B, 7/6/2005).			
However, the TMDL addressed the 1998 impaired area only. The TMDL was approved by the EPA on 6/9/2009.			
During the 2012 cycle, the condemnation shrank and is now smaller than the 1998 impairment. The downstream area will be partially delisted (Category 2A).			
VAT-F26E_BAK01A00	Bakers Creek	0.0393 Square Miles	Shellfishing
Delisting Summary:			
PARTIAL DELIST 2012 - 0.0393 mi2 Fecal Coliform - F26E-21-SF / 01259 / F26E-20-SF / 01268 / VAT-F26E-21 / Federal ID 38987 (CFL 2002)			
During the 2010 cycle, a 5.8816 mi2 mile portion of the York River, plus Hockley Creek and several tributaries were impaired of the Shellfish Use due to the non-administratively condemned portion of 049-004A, 8/25/2005.			
The impairment was addressed in the report "Bacteria Total Maximum Daily Load (TMDL) Development for the Upper York River, the Lower Pamunkey River, and the Lower Mattaponi River (Tidal Watersheds" which was completed during the 2012 cycle and was approved by the EPA on 7/28/2010.			
However, during the 2012 cycle, condemnation A. 7/15/2010 shrank considerably and is now fully contained with the administratively condemned area. The tributaries are now open, Hockley Creek remains closed as 049-004C. The majority of the mainstem York River is now open for harvest; however, one portion remains closed as part of the Hockley Creek condemnation, and another is now seasonally condemned under 048-128M1, 7/15/2010. The open and seasonally condemned areas will be partially delisted (Category 2C); the condemned areas will be considered Category 4A.			
VAT-F26E_BKS01A08	Baker Creek	0.0164 Square Miles	Shellfishing
Delisting Summary:			
PARTIAL DELIST 2012 - 0.0164 mi2 Fecal Coliform - F26E-20-SF / 01268 / VAT-F26E-20 / F26E-23-SF / Federal ID 38987 (CFL 2002)			
During the 2010 cycle, a 5.8816 mi2 mile portion of the York River, plus Hockley Creek and several tributaries were impaired of the Shellfish Use due to the non-administratively condemned portion of 049-004A, 8/25/2005.			
The impairment was addressed in the report "Bacteria Total Maximum Daily Load (TMDL) Development for the Upper York River, the Lower Pamunkey River, and the Lower Mattaponi River (Tidal Watersheds" which was completed during the 2012 cycle and was approved by the EPA on 7/28/2010.			
However, during the 2012 cycle, condemnation A. 7/15/2010 shrank considerably and is now fully contained with the administratively condemned area. The tributaries are now open, Hockley Creek remains closed as 049-004C. The majority of the mainstem York River is now open for harvest; however, one portion remains closed as part of the Hockley Creek condemnation, and another is now seasonally condemned under 048-128M1, 7/15/2010. The open and seasonally condemned areas will be partially delisted (Category 2C); the condemned areas will be considered Category 4A.			

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size	Uses Partially / Fully Restored
York River Basin			
VAT-F26E_JNS01B12	Jones Creek	0.0045 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - 0.0046 mi2 Fecal Coliform - F26E-13-SF/01257/01261/F26E-15-SF/VAT-F26E-13/VAT-F26E-15/Federal ID 33101 (CFL 1998)</p> <p>Jones Creek has been impaired of the Shellfish Use since the 1998 cycle. The TMDL was completed and approved by the EPA on 7/30/2007. During the 2012 cycle, the condemnation shortened slightly (VDH-DSS Condemnation 047-072B, 7/8/2010). The downstream open portion will be partially delisted (Category 2C); the condemned area will remain Category 4A.</p>			
VAT-F26E_PHB01A00	Philbates Creek	0.0125 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - 0.0125 mi2 Fecal Coliform - F26E-20-SF / 01268 / VAT-F26E-20 / F26E-24-SF / Federal ID 38987 (CFL 2002)</p> <p>During the 2010 cycle, a 5.8816 mi2 mile portion of the York River, plus Hockley Creek and several tributaries were impaired of the Shellfish Use due to the non-administratively condemned portion of 049-004A, 8/25/2005.</p> <p>The impairment was addressed in the report "Bacteria Total Maximum Daily Load (TMDL) Development for the Upper York River, the Lower Pamunkey River, and the Lower Mattaponi River (Tidal Watersheds" which was completed during the 2012 cycle and was approved by the EPA on 7/28/2010.</p> <p>However, during the 2012 cycle, condemnation A. 7/15/2010 shrank considerably and is now fully contained with the administratively condemned area. The tributaries are now open, Hockley Creek remains closed as 049-004C. The majority of the mainstem York River is now open for harvest; however, one portion remains closed as part of the Hockley Creek condemnation, and another is now seasonally condemned under 048-128M1, 7/15/2010. The open and seasonally condemned areas will be partially delisted (Category 2C); the condemned areas will be considered Category 4A.</p>			
VAT-F26E_PTK01B12	Poropotank River	0.201 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - 0.2010 mi2 Fecal Coliform - F26E-14-SF / 01258 / 01263 / F26E-12-SF / VAT-F26E-12 / VAT-F26E-14 / Federal ID 36197 (CFL 1998)</p> <p>A portion of Poropotank Creek was listed on the 1998 303(d) list due to VDH condemnation 198A. The condemnation expanded and during the 2010 cycle, the condemnation extended to the mouth of the creek (#048-128A, 7/6/2005) (see 2010 fact sheet F26E-28-SF).</p> <p>However, the TMDL addressed the 1998 impaired area only. The TMDL was approved by the EPA on 6/9/2009.</p> <p>During the 2012 cycle, the condemnation shrank and is now smaller than the 1998 impairment. The open area within the TMDL study area will be partially delisted (Category 2C).</p>			
VAT-F26E_PTK02A08	Morris Bay at mouth of Poropotank River	0.4454 Square Miles	Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Fecal Coliform - F26E-28-SF (CFL 2010)</p> <p>A portion of Poropotank Creek was listed on the 1998 303(d) list due to VDH condemnation 198A. During the 2010 cycle, the condemnation expanded to the mouth of the creek (# 048-128 A , 7/6/2005). During the 2012 cycle, the condemnation shrank and this area will be partially delisted.</p>			

Waters Identified for Delisting Since 2010 Report

Assessment

<i>Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>York River Basin</i>			
VAT-F26E_PTN01A08	Purtan & Leigh Creeks	0.1715 Square Miles	Shellfishing
<p><i>Delisting Summary:</i> PARTIAL DELIST 2012 - Fecal Coliform - F26E-26-SF / VAT-F26E-12 / VAT-F26E-26 (CFL 2008)</p> <p>The Shellfishing Use has been impaired since the 2008 cycle due to VDH condemnations. However, during the 2012 cycle, condemnation # 048-128 C (effective 20070625) was rescinded and the area is open on condemnation 048-128, 7/15/2010. The impairment will be delisted.</p>			
VAT-F26E_QEN01B12	Queen Creek	0.1359 Square Miles	Shellfishing
<p><i>Delisting Summary:</i> PARTIAL DELIST 2012 - 0.1359 mi2 Fecal Coliform - F26E-16-SF / 01264 / VAT-F26E-16-SF / Federal ID 34372 (CFL 1998)</p> <p>Queen Creek was impaired of the Shellfish Use in the 1998 cycle. The TMDL was developed to address the impairment and was approved by the EPA on 4/17/2008. However, the condemnation has subsequently shortened and is currently addressed in VDH condemnation #051-035A, 7/16/2010. The open downstream area will be partially delisted (Category 2C); the condemned area remains Category 4A.</p>			
VAT-F26E_RBN01A08	Robinson Creek	0.0213 Square Miles	Shellfishing
<p><i>Delisting Summary:</i> PARTIAL DELIST 2012 - 0.0213 mi2 Fecal Coliform - F26E-20-SF / 01268 / VAT-F26E-20 / F26E-25-SF / F26E-21-SF / Federal ID 38987 (CFL 2008)</p> <p>During the 2010 cycle, a 5.8816 mi2 mile portion of the York River, plus Hockley Creek and several tributaries were impaired of the Shellfish Use due to the non-administratively condemned portion of 049-004A, 8/25/2005.</p> <p>The impairment was addressed in the report "Bacteria Total Maximum Daily Load (TMDL) Development for the Upper York River, the Lower Pamunkey River, and the Lower Mattaponi River (Tidal Watersheds" which was completed during the 2012 cycle and was approved by the EPA on 7/28/2010.</p> <p>However, during the 2012 cycle, condemnation A. 7/15/2010 shrank considerably and is now fully contained with the administratively condemned area. The tributaries are now open, Hockley Creek remains closed as 049-004C. The majority of the mainstem York River is now open for harvest; however, one portion remains closed as part of the Hockley Creek condemnation, and another is now seasonally condemned under 048-128M1, 7/15/2010. The open and seasonally condemned areas will be partially delisted (Category 2C); the condemned areas will be considered Category 4A.</p>			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
York River Basin			
VAT-F26E_YRK01A04	York River	5.8241 Square Miles	Shellfishing
Delisting Summary:			
PARTIAL DELIST 2012 - 5.8241 mi2 Fecal Coliform - F26E-20-SF / 01268 / VAT-F26E-20 / Federal ID 38987 (CFL 2002)			
During the 2010 cycle, a 5.8816 mi2 mile portion of the York River, plus Hockley Creek and several tributaries were impaired of the Shellfish Use due to the non-administratively condemned portion of 049-004A, 8/25/2005.			
The impairment was addressed in the report "Bacteria Total Maximum Daily Load (TMDL) Development for the Upper York River, the Lower Pamunkey River, and the Lower Mattaponi River (Tidal) Watersheds" which was completed during the 2012 cycle and was approved by the EPA on 7/28/2010.			
However, during the 2012 cycle, condemnation A. 7/15/2010 shrank considerably and is now fully contained with the administratively condemned area. The tributaries are now open, Hockley Creek remains closed as 049-004C. The majority of the mainstem York River is now open for harvest; however, one portion remains closed as part of the Hockley Creek condemnation, and another is now seasonally condemned under 048-128M1, 7/15/2010. The open and seasonally condemned areas will be partially delisted (Category 2C); the condemned areas will be considered Category 4A.			
VAT-F26E_YRK01D12	York River	0.0283 Square Miles	Shellfishing
Delisting Summary:			
PARTIAL DELIST 2012 - 0.0283 mi2 Fecal Coliform - F26E-20-SF / 01268 / VAT-F26E-20 / Federal ID 38987 (CFL 2002)			
During the 2010 cycle, a 5.8816 mi2 mile portion of the York River, plus Hockley Creek and several tributaries were impaired of the Shellfish Use due to the non-administratively condemned portion of 049-004A, 8/25/2005.			
The impairment was addressed in the report "Bacteria Total Maximum Daily Load (TMDL) Development for the Upper York River, the Lower Pamunkey River, and the Lower Mattaponi River (Tidal) Watersheds" which was completed during the 2012 cycle and was approved by the EPA on 7/28/2010.			
However, during the 2012 cycle, condemnation A. 7/15/2010 shrank considerably and is now fully contained with the administratively condemned area. The tributaries are now open, Hockley Creek remains closed as 049-004C. The majority of the mainstem York River is now open for harvest; however, one portion remains closed as part of the Hockley Creek condemnation, and another is now seasonally condemned under 048-128M1, 7/15/2010. The open and seasonally condemned areas will be partially delisted (Category 2C); the condemned areas will be considered Category 4A.			
VAT-F26E_ZZZ02A06	Unsegmented estuaries in F26E	0.1009 Square Miles	Shellfishing
Delisting Summary:			
PARTIAL DELIST 2012 - 0.1009 mi2 Fecal Coliform - F26E-20-SF / 01268 / VAT-F26E-20 / F26E-27-SF / Federal ID 38987 (CFL 2002)			
During the 2010 cycle, a 5.8816 mi2 mile portion of the York River, plus Hockley Creek and several tributaries were impaired of the Shellfish Use due to the non-administratively condemned portion of 049-004A, 8/25/2005.			
The impairment was addressed in the report "Bacteria Total Maximum Daily Load (TMDL) Development for the Upper York River, the Lower Pamunkey River, and the Lower Mattaponi River (Tidal) Watersheds" which was completed during the 2012 cycle and was approved by the EPA on 7/28/2010.			
However, during the 2012 cycle, condemnation A. 7/15/2010 shrank considerably and is now fully contained with the administratively condemned area. The tributaries are now open, Hockley Creek remains closed as 049-004C. The majority of the mainstem York River is now open for harvest; however, one portion remains closed as part of the Hockley Creek condemnation, and another is now seasonally condemned under 048-128M1, 7/15/2010. The open and seasonally condemned areas will be partially delisted (Category 2C); the condemned areas will be considered Category 4A.			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>	
<i>York River Basin</i>				
VAT-F27E_CDB01A00	Cedarbush Creek - Upper [TMDL-bact]	0.0782 Square Miles	Aquatic Life	
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010) During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.				
VAT-F27E_CDB02A00	Cedarbush Creek - Mouth	0.014 Square Miles	Aquatic Life	
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010) During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.				
VAT-F27E_CRT01A00	Carter Cr. (Gloucester Co.) - Upper portion [TMDL-bact]	0.1456 Square Miles	Aquatic Life	
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010) During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.				
VAT-F27E_CRT01B08	Carter Cr. (Gloucester Co.) - Middle [No TMDL-bact]	0.1063 Square Miles	Aquatic Life	Shellfishing
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010) During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted. PARTIAL DELIST 2012 - Fecal Coliform - F27E-27-SF / VAT-F26E-18 / VAT-F27E-20 / VAT-F27E-27 / 01257 (CFL 2008) The Shellfishing Use was previously impaired due to the DSS shellfish direct harvesting condemnation 047-078 B (effective date 20070626). The condemnation was shortened during the 2012 cycle and is now fully contained within the upstream segment, which is under a completed TMDL. This portion of Carter Creek will be delisted.				

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
York River Basin			
VAT-F27E_CRT01C12	Carter Cr. (Gloucester Co.) - Upper portion [TMDL-bact]	0.0441 Square Miles	Aquatic Life Shellfishing
<p>Delisting Summary: PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)</p> <p>During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.</p> <p>PARTIAL DELIST 2012 - 0.0442 mi² Fecal Coliform - F27E-18-SF / 01257 / 01269 / 01270 / F26E-15-SF / VAT-F27E-15 / VAT-F27E-17 / VAT-F27E-18 / Federal ID 33774 (CFL 1998)</p> <p>Carter Creek has been impaired since the 1998 cycle due to VDH-DSS condemnations. The TMDL was addressed in the TMDL "York River: Gloucester Point to Jones Creek VAT-F26E-13, 15-18, which was approved by the EPA on 7/30/2007. During the 2012 cycle, the condemnation shortened (VDH-DSS Condemnation 047-078B, 7/8/2010). The condemned area remains Category 4A; the open downstream area will be partially delisted (Category 2C).</p> <p>1999 CD segment for shellfish (Attachment A, Category 3,) VAT-F27E-18.</p>			
VAT-F27E_CRT02A00	Carter Cr. (Gloucester Co.) - Mouth	0.0617 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)</p> <p>During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.</p>			
VAT-F27E_FEL01A00	Felgates Creek	0.2361 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)</p> <p>During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.</p>			
VAT-F27E_IFC01A00	Indian Field Creek	0.1063 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)</p> <p>During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.</p>			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>	
York River Basin				
VAT-F27E_KNG01A02	King Creek - Upper	0.2114 Square Miles	Aquatic Life	
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)				
During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.				
VAT-F27E_KNG02A02	King Creek - Mouth	0.2211 Square Miles	Aquatic Life	
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)				
During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.				
VAT-F27E_PRN01A00	Perrin River - Upper	0.0498 Square Miles	Aquatic Life	
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)				
During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.				
VAT-F27E_PRN01B10	Perrin River - Lower	0.013 Square Miles	Aquatic Life	Shellfishing
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)				
During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.				
PARTIAL DELIST 2012 - 0.013 mi2 Fecal Coliform - F27E-14-SF / Federal ID 25426 (CFL 2010)				
Portion of VDH seasonal condemnation 046-081M1, 8/3/2010 - seasonally condemned The segment was impaired of the Shellfish Use during the 2010 cycle due to VDH-DSS condemnation 046-081B, 7/21/2008. The condemnation was rescinded during the 2012 cycle and the area is now seasonally condemned. As it was addressed in the Perrin River Shellfish TMDL, which was approved by the EPA on 6/7/2006, it is considered Category 2C.				

Waters Identified for Delisting Since 2010 Report

Assessment Unit ID

Waterbody Name

Size

Uses Partially / Fully Restored

York River Basin

VAT-F27E_PRN01C12	Perrin River - Upper	0.025 Square Miles	Aquatic Life	Shellfishing
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Delisting Summary:

PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)

During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.

PARTIAL DELIST 2012 - 0.00251 mi2 Fecal Coliform - F27E-14-SF / VAT-F27E-14 / 01274 / Federal ID 25426 (CFL 1998)

The Perrin River was included on the 1998 303(d) list under condemnation 81, 7/22/1996. The Perrin River Shellfish TMDL was approved by the EPA on 7/6/2007. The condemned area was shortened and split in the 2012 cycle (VDH-DSS condemnation 046-081A and -B, 8/3/2010). The closed areas will be considered Category 4A, the open area will be partially delisted (Category 2C.)

1999 CD segment for shellfish (Attachment A, Category 3,) VAT-F27E-14. VAT-F27E-14

VAT-F27E_PRN02A00	Perrin River - Lower	0.052 Square Miles	Aquatic Life	
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Delisting Summary:

PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)

During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.

VAT-F27E_PRN02B12	Perrin River - Lower	0.0483 Square Miles	Aquatic Life	
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Delisting Summary:

PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)

During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.

VAT-F27E_SRH01A00	Sarah Creek - Eastern Branch	0.0576 Square Miles	Aquatic Life	
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Delisting Summary:

PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)

During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>York River Basin</i>			
VAT-F27E_SRH01B10	Sarah Creek - Eastern Branch, Upper	0.032 Square Miles	Aquatic Life
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)			
During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.			
VAT-F27E_SRH01C10	Sarah Creek - Eastern Branch, Middle	0.0373 Square Miles	Aquatic Life
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)			
During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.			
VAT-F27E_SRH01E10	Sarah Creek - Western Branch -Admin	0.0105 Square Miles	Aquatic Life
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)			
During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.			
VAT-F27E_SRH02A08	Sarah Creek - Lower	0.0236 Square Miles	Aquatic Life
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)			
During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.			

Waters Identified for Delisting Since 2010 Report

Assessment

Unit ID	Waterbody Name	Size		Uses Partially / Fully Restored
York River Basin				
VAT-F27E_SRH02D12	Sarah Creek	0.1135 Square Miles	Aquatic Life	Shellfishing
Delisting Summary:				
PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)				
During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.				
PARTIAL DELIST 2012 - 0.1135 mi ² Fecal Coliform - F27E-15-SF / 01275 / VAT-F27E-15 / Federal ID 25427 (CFL 1998)				
Portion of VDH-DSS condemnation VDH-DSS condemnation 046-052M1, 8/3/2010 - seasonally condemned				
Sarah Creek was impaired of the Shellfish Use in the 1998 cycle. The TMDL for Sarah Creek from Tidemill Road downstream to the extent of the 1998 impairment was approved by the EPA on 6/4/2006. Portions of the impairment were included in the 2010 cycle under 046-052A, -M1 and -D, 7/21/2008.				
During the 2012 cycle, seasonally condemned areas will be partially delisted and are considered Category 2C.				
VAT-F27E_SRH03B12	Northeast Branch Sarah Creek, UT	0.0222 Square Miles	Aquatic Life	Shellfishing
Delisting Summary:				
PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)				
During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.				
PARTIAL DELIST 2012 - 0.0222 mi ² Fecal Coliform - F27E-15-SF / VAT-F27E-15 / 01275 / Federal ID 25427 (CFL 1998)				
Sarah Creek was impaired of the Shellfish Use during the 1998 cycle. The Shellfish TMDL was approved by the EPA on 6/7/2006. During the 2010 cycle, two branches of Northeast Sarah Creek were condemned (046-052B, and the non-administratively condemned portion of 046-052C, 7/21/2008). During the 2012 cycle, one of the branches was reopened for harvest and will be partially delisted. The open area will be considered Category 2C.				
VAT-F27E_SRH03D12	Northeast Branch Sarah Creek	0.025 Square Miles	Aquatic Life	Shellfishing
Delisting Summary:				
PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)				
During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.				
PARTIAL DELIST 2012 - 0.0251 mi ² Fecal Coliform - F27E-15-SF / 01275 / VAT-F27E-15 / Federal ID 25427 (CFL 1998)				
Sarah Creek was impaired of the Shellfish Use in the 1998 cycle. The TMDL for Sarah Creek from Tidemill Road downstream to the extent of the 1998 impairment was approved by the EPA on 6/4/2006. Portions of the impairment were included in the 2010 cycle under 046-052A, -M1 and -D, 7/21/2008.				
During the 2012 cycle, condemnation D was reopened. The open area will be partially delisted and is considered Category 2C.				

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>	
York River Basin				
VAT-F27E_SRW01D10	Northwest Branch Sarah Creek	0.1075 Square Miles	Aquatic Life	
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010) During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.				
VAT-F27E_SRW01F10	Northwest Branch Sarah Creek	0.0436 Square Miles	Aquatic Life	
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010) During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.				
VAT-F27E_TMB01A00	Timberneck Creek - Upper [TMDL-bact]	0.1377 Square Miles	Aquatic Life	
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010) During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.				
VAT-F27E_TMB01B12	Timberneck Creek - Upper [TMDL-bact]	0.0824 Square Miles	Aquatic Life	Shellfishing
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010) During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted. PARTIAL DELIST 2012 - 0.0824 mi ² Fecal Coliform - F27E-16-SF / 01269 / VAT-F27E-16 / F26E-15-SF / 01269 / 01257 / VAT-F26E-15 / VAT-F27E-17 / Federal ID 33775 (CFL 1998) Carter Creek has been impaired since the 1998 cycle due to VDH-DSS condemnations. The TMDL was addressed in the TMDL "York River: Gloucester Point to Jones Creek VAT-F26E-13, 15-18, which was approved by the EPA on 7/30/2007. During the 2012 cycle, the condemnation shortened (VDH-DSS Condemnation 047-003A, 7/8/2010). The condemned area remains Category 4A; the open downstream area will be partially delisted (Category 2C). 1999 CD segment for shellfish (Attachment A, Category 3,) VAT-F27E-17. TMDL Approved 7/30/2007.				

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
York River Basin			
VAT-F27E_TMB02A08	Timberneck Creek - Middle	0.0339 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)</p> <p>During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.</p>			
VAT-F27E_TMB03A08	Timberneck Creek - Mouth	0.1797 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)</p> <p>During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.</p>			
VAT-F27E_WOR01A08	Wormley Creek	0.2853 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)</p> <p>During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.</p>			
VAT-F27E_YRK01A00	York River - Lower Middle	8.2364 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)</p> <p>During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.</p>			
VAT-F27E_YRK01B00	York R - DSS AdminCond @ Cheatham Annex/Camp Peary	0.2599 Square Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)</p> <p>During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.</p>			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
York River Basin			
VAT-F27E_YRK01C00	York R - DSS AdminCond @ Naval Weapons Station	0.2353 Square Miles	Aquatic Life
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)			
During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.			
VAT-F27E_YRK01D06	York River - Yorktown Beach	0.0236 Square Miles	Aquatic Life
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)			
During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.			
VAT-F27E_YRK01E06	York River - Gloucester Point Beach	0.0177 Square Miles	Aquatic Life
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)			
During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.			
VAT-F27E_YRK02B00	York R - DSS AdminCond @ HRSD York STP/Amoco	0.5142 Square Miles	Aquatic Life
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)			
During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.			
VAT-F27E_YRK02C00	York River - DSS AdminCond @ Wormley to USCG	2.6836 Square Miles	Aquatic Life
<i>Delisting Summary:</i> PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)			
During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.			

Waters Identified for Delisting Since 2010 Report

Assessment

<i>Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>York River Basin</i>			
VAT-F27E_ZZZ01A00	Unsegmented estuaries in F27E	0.3777 Square Miles	Aquatic Life

Delisting Summary:

PARTIAL DELIST 2012 - Estuarine Bioassessments - YRKPH-EBEN-BAY (CFL 2010)

During the 2010 cycle, the York Polyhaline estuary failed the Aquatic Life Use due to the Chesapeake Bay B-IBI. The TMDL was due in 2022. The benthics are acceptable during the 2012 cycle, therefore it will be delisted.

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>New River Basin</i>			
VAS-N05R_EKC01A00	Elk Creek	3.29 Miles	Aquatic Life
<p><i>Delisting Summary:</i> PARTIAL DELIST 2012 - Temperature - N05R-01-TEMP - 2010 The segment was incorrectly assigned to Class V, put-and-take trout waters. The segment is Class IV waters where temperature standards are met.</p>			
VAS-N06R_NEW01A00	New River	5.19 Miles	Recreation
<p><i>Delisting Summary:</i> DELIST 2012 - E. Coli - N02R-01-BAC (2004) WQS for E. Coli is exceeded in 3 of 34 samples. This is a rate of 8%, fewer than the 10.5% impairment threshold.</p>			
VAS-N08R_NEW01B98	New River	1.45 Miles	Recreation
<p><i>Delisting Summary:</i> DELIST 2012 - E. Coli - N08R-01-BAC 2006 Less than 10% of samples collected exceeded the WQS for E coli. At DEQ station 9-NEW127.49; 3 of 31 were greater than the standard of 235 CFU/100 ml.</p>			
VAS-N08R_NEW01L98	New River at Byllesby	3.26 Miles	Recreation
<p><i>Delisting Summary:</i> DELIST 2012 - E. Coli - N08R-01-BAC 2006 The original listing station is no longer accessible for monitoring purposes.</p>			
VAS-N08R_NEW02B00	New River	5.11 Miles	Recreation
<p><i>Delisting Summary:</i> DELIST 2012 - E. Coli - N08R-01-BAC 2006 Less than 10% of samples collected exceeded the WQS for E coli. At DEQ station 9-NEW127.49; 3 of 31 were greater than the standard of 235 CFU/100 ml.</p>			
VAS-N08R_NEW03B98	New River	0.85 Miles	Recreation
<p><i>Delisting Summary:</i> DELIST 2012 - E. Coli - N08R-01-BAC 2006 Less than 10% of samples collected exceeded the WQS for E coli. At DEQ station 9-NEW127.49; 3 of 31 were greater than the standard of 235 CFU/100 ml.</p>			
VAS-N10R_RSF01A00	South Fork Reed Creek	6.72 Miles	Aquatic Life
<p><i>Delisting Summary:</i> PARTIAL DELIST 2012 - Temperature, water - N10R-02-TEMP 2010 Less than 10% of samples collected exceeded the WQS for temperature in Class VI (natural trout) waters. At DEQ station 9-RSF000.08 one of 15 and at 9-RSF006.78 one of 12 exceeded WQS.</p>			

Waters Identified for Delisting Since 2010 Report

Assessment

<i>Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>New River Basin</i>			
VAS-N11R_RDC02B02	Reed Creek	6.01 Miles	Recreation
<p>Delisting Summary: PARTIAL DELIST 2012 - E. Coli - VAS-N11R_RDC03B04/N11R-01-BAC 2006 This segment was listed because it was bracketed with stations with excessive violations. The two downstream stations, 9-RDC000.79 and 9-RDC009.00, now meet WQS for E. Coli, this segment is also delisted. The upstream station has different land use, it drains the Town of Wytheville and is >6 miles upstream.</p>			
VAS-N11R_RDC03B04	Reed Creek	9.75 Miles	Recreation
<p>Delisting Summary: PARTIAL DELIST 2012 - E. Coli - VAS-N11R-01/N11R-01-BAC 2004 Grahams Forge sewage collection project is in Phase III.</p>			
VAS-N30R_WFC01A06	Wolf Creek, headwaters	3.63 Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - temperature, water - N30R-01-TEMP 2010 Class V WQS is exceeded in 1/14 (7%) measurements; < 10% supports Aquatic Life Use. In addition, pH, DO, NH3 and TP support use.</p>			
VAS-N31R_HCC01A00	Hunting Camp Creek	8.45 Miles	Aquatic Life
<p>Delisting Summary: PARTIAL DELIST 2012 - benthic macroinvertebrates - N31R-01-BEN 1998 Benthic studies detected no impairment at 9-HCC000.16 where VSCI 06.Apr.2008=65 and 28.Oct.2008=68 or at 9-HCC001.40 where VSCI 26.May.2004=74 and 25.Nov.2003=74. No exceedence was detected for DO, pH, TP, NH3. Temperature is exceeded for Class VI WQS at 9-HCC001.40 and 9-HCC005.57.</p>			
VAW-N22R_SLT01A08	Slate Branch	6.55 Miles	Aquatic Life
<p>Delisting Summary: DELIST 2012 - General Standard - Benthic - N22R-05-BEN / VAW-N22R-01 (2008) The waters were initially impaired due to a macroinvertebrate kill in late January 2006 whose possible but unconfirmed source was pesticides. The station is co-located with an ambient monitoring station sampled during 2005 and 2006. The chemical and habitat data from biomonitoring and ambient sampling shows conditions favorable for benthic macroinvertebrates. Follow up monitoring was performed to test for recovery of the benthic community. The abundance of organisms in the spring 2006 sample was very low relative to the reference site. The abundance of macroinvertebrates has increased over time as has the relative abundance of pollution-sensitive taxa. The Fall SCI improved 36.6 points from 2006 to 2009. The differences in the score were due to the increase in pollution-sensitive taxa such as mayflies, stoneflies and caddisflies. The six year VSCI average score is 61.7. The average 2009 VSCI score is 78.1 demonstrating a full recovery.</p>			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>New River Basin</i>			
VAW-N24R_NEW01A00	New River	3.82 Miles	Fish Consumption
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - DDE- 00530, N24R-01-DDE, VAW-N24R-01, VDH-NEW-PCB (2004)			
PARTIAL DELIST 2012 - DDT- 00535, N24R-01-DDE, VAW-N24R-01, VDH-NEW-PCB (2004)			
PARTIAL DELIST 2012 - Heptachlor epoxide - 50000, N24R-01-DDE, VAW-N24R-01, VDH-NEW-PCB (2006)			
2001 fish tissue data have been reviewed for DDE, DDT and heptachlor epoxide and found the 303(d) Listing for DDT, DDE and heptachlor epoxide is in error. DEQ Assessment Guidance for an impairment listing (303(d)) requires two fish of the same or different species must exceed the fish tissue criterion. The original listing was incorrectly based on two individual Carp when in fact the second fillet sample came from the same fish fillet as the first; as a duplicate QA/QC split or check on the tissue analysis. A second sampling event in 2002 found no exceeding values for DDE or DDT in a single carp also with a QA/QC split (two analyses same fish). Heptachlor epoxide was not analyzed in 2002. As a result the 2001 Carp fillets should have been assessed as an 'Observed Effect' (single fish/single species).			
VAW-N24R_NEW02A00	New River	1.96 Miles	Fish Consumption
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - DDE- 00530, N24R-01-DDE, VAW-N24R-01, VDH-NEW-PCB (2004)			
PARTIAL DELIST 2012 - DDT- 00535, N24R-01-DDE, VAW-N24R-01, VDH-NEW-PCB (2004)			
PARTIAL DELIST 2012 - Heptachlor epoxide - 50000, N24R-01-DDE, VAW-N24R-01, VDH-NEW-PCB (2006)			
2001 fish tissue data have been reviewed for DDE, DDT and heptachlor epoxide and found the 303(d) Listing for DDT, DDE and heptachlor epoxide is in error. DEQ Assessment Guidance for an impairment listing (303(d)) requires two fish of the same or different species must exceed the fish tissue criterion. The original listing was incorrectly based on two individual Carp when in fact the second fillet sample came from the same fish fillet as the first; as a duplicate QA/QC split or check on the tissue analysis. A second sampling event in 2002 found no exceeding values for DDE or DDT in a single carp also with a QA/QC split (two analyses same fish). Heptachlor epoxide was not analyzed in 2002. As a result the 2001 Carp fillets should have been assessed as an 'Observed Effect' (single fish/single species).			
VAW-N24R_NEW03A00	New River	3.85 Miles	Fish Consumption
<i>Delisting Summary:</i>			
PARTIAL DELIST 2012 - DDE- 00530, N24R-01-DDE, VAW-N24R-01, VDH-NEW-PCB (2004)			
PARTIAL DELIST 2012 - DDT- 00535, N24R-01-DDE, VAW-N24R-01, VDH-NEW-PCB (2004)			
PARTIAL DELIST 2012 - Heptachlor epoxide - 50000, N24R-01-DDE, VAW-N24R-01, VDH-NEW-PCB (2006)			
2001 fish tissue data have been reviewed for DDE, DDT and heptachlor epoxide and found the 303(d) Listing for DDT, DDE and heptachlor epoxide is in error. DEQ Assessment Guidance for an impairment listing (303(d)) requires two fish of the same or different species must exceed the fish tissue criterion. The original listing was incorrectly based on two individual Carp when in fact the second fillet sample came from the same fish fillet as the first; as a duplicate QA/QC split or check on the tissue analysis. A second sampling event in 2002 found no exceeding values for DDE or DDT in a single carp also with a QA/QC split (two analyses same fish). Heptachlor epoxide was not analyzed in 2002. As a result the 2001 Carp fillets should have been assessed as an 'Observed Effect' (single fish/single species).			

Waters Identified for Delisting Since 2010 Report

<i>Assessment Unit ID</i>	<i>Waterbody Name</i>	<i>Size</i>	<i>Uses Partially / Fully Restored</i>
<i>New River Basin</i>			
VAW-N32R_WFC04A00	Wolf Creek	7.79 Miles	Aquatic Life

Delisting Summary:

PARTIAL DELIST 2012 - Temperature - N32R-01-TEMP / VAW-N32R-01 (2006)

The waters are delisted as temperature excursions of the WQS Class V - Stockable Trout water criterion of 21°C are zero of 15 measurements or an exceedance rate of 0.0% at station 9-WFC017.31 (Bridge #6065 on Rt. 644 off Rt. 61). Originally listed in 2008 these waters should have been listed in 2006 with two of nine exceeding values and a TMDL Schedule of 2018.