## VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
## 1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

### POTOMAC AND SHENANDOAH RIVER BASIN

| HUC and Watershed ID | Stream Name | Stream Segment* (miles) | Parameter | Source of Impairment | City/County | Scheduled TMDL Date |
|---|---|---|---|---|---|---|
| **02070001** | | | | | | |
| VAV-B02R | West Strait Creek | 0.35 | General Standard (Benthic) | PS - STP - Town of Monterey | Highland County, Monterey | 2001-2010 |
| **02070004** | | | | | | |
| VAV-B08R | Opequon Creek | 22.44 | Fecal Coliform | NPS - Urban | Frederick County | 2001-2010 |
| VAV-B09R | Abrams Creek | 10.38 | General Standard (Benthic) | NPS - Urban<br>Periodic Sewage Overflows | City of Winchester, Frederick Co. | 2001-2010 |
| VAV-B09R | Opequon Creek | 8.73 | General Standard (Benthic) | NPS - Urban | Frederick County | 2001-2010 |
| **02070005** | | | | | | |
| VAV-B10R | Cockran Spring | 0.80 | General Standard (Benthic) | PS - Trout Farm - Castaline | Augusta Co. | 2001-2010 |
| VAV-B10R<br>VAV-B11R | Middle River | 24.10 | Fecal Coliform | NPS - Agriculture | Augusta Co. | 2001-2010 |
| VAV-B12R | Lewis Creek | 12.06 | Fecal Coliform<br>General Standard (Benthic) | NPS - Urban<br>NPS - Agriculture | City of Staunton, Augusta Co. | 2001-2010 |
| VAV-B13R | Moffett Creek | 8.73 | General Standard (Benthic)<br>Fecal Coliform | NPS - Agriculture | Augusta Co. | 2001-2010 |
| VAV-B14R | Christians Creek | 31.52 | Fecal Coliform<br>General Standard (Benthic) | NPS - Agriculture | Augusta Co. | 2001-2010 |
| VAV-B15R | Middle River | 18.12 | Fecal Coliform | NPS - Agriculture | Augusta Co. | 2001-2010 |
| VAV-B15R | Polecat Draft | 7.28 | Fecal Coliform | NPS - Agriculture | Augusta Co. | 2001-2010 |
| VAV-B17R<br>VAV-B23R | North River | 25.12 | Fecal Coliform | NPS - Agriculture | Rockingham Co. | 2001-2010 |
| VAV-B19R | Mossy Creek | 10.14 | Fecal Coliform | NPS - Agriculture | Rockingham Co. | 2001-2010 |
| VAV-B21R | Dry River | 6.47 | Fecal Coliform | NPS - Agriculture | Rockingham Co. | 1998-2000 |

* Watershed IDs ending in E are estuaries and thus stream segments are in square miles.



AR0011736

## PART I - IMPAIRED WATERS
## VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
## 1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

### POTOMAC AND SHENANDOAH RIVER BASIN

| HUC and Watershed ID | Stream Name | Stream Segment* (miles) | Parameter | Source of Impairment | City/County | Scheduled TMDL Date |
|---|---|---|---|---|---|---|
| VAV-B21R<br>VAV-B22R<br>VAV-B23R | Muddy Creek/Dry River/North River | 7.04 | Nitrate-Nitrogen | Point & Nonpoint Sources | Town of Bridgewater, Rockingham County | 1998-2000 |
| VAV-B22R | Muddy Creek | 10.36 | Fecal Coliform | NPS - Agriculture | Rockingham Co. | 1998-2000 |
| VAV-B22R | Muddy Creek | 10.36 | General Standard (Benthic) | NPS - Agriculture | Rockingham Co. | 2001-2010 |
| VAV-B23R | North River | 16.13 | General Standard (Benthic) | Unknown | Rockingham Co., Augusta Co. | 2001-2010 |
| VAV-B25R | Cooks Creek | 13.32 | Fecal Coliform | NPS - Agriculture | Rockingham Co., Dayton, Mt. Crawford | 1998-2000 |
| VAV-B25R | Cooks Creek | 13.32 | General Standard (Benthic) | NPS - Agriculture | Rockingham Co., Dayton, Mt. Crawford | 2001-2010 |
| VAV-B26R | Blacks Run | 10.74 | Fecal Coliform<br>General Standard (Benthic) | NPS - Urban | Rockingham Co., City of Harrrisonburg | 2001-2010 |
| VAV-B27R | Pleasant Run | 6.30 | Fecal Coliform | NPS - Agriculture | Rockingham Co. | 1998-2000 |
| VAV-B27R | Pleasant Run | 6.30 | General Standard (Benthic) | NPS - Agriculture | Rockingham Co. | 2001-2010 |
| VAV-B28R | Naked Creek | 6.75 | Fecal Coliform | NPS - Agriculture | Augusta Co. | 2001-2010 |
| VAV-B29R | Mill Creek | 2.66 | Fecal Coliform | NPS - Agriculture | Rockingham Co. | 1998-2000 |
| VAV-B29R | Mill Creek | 2.66 | General Standard (Benthic) | NPS - Agriculture | Rockingham Co. | 2001-2010 |
| VAV-B30R | South River | 12.60 | Fecal Coliform | NPS - Agriculture | Augusta Co. | 2001-2010 |
| VAV-B32R | South River | 8.93 | General Standard (Benthic) | NPS - Urban | Augusta Co., City of Waynesboro | 2001-2010 |
| VAV-B32R<br>VAV-B33R<br>VAV-B35R<br>VAV-B40R | South River/S.F. Shenandoah River | 103.40 | VDH Health Advisory (Mercury) | VDH Health Advisory (Mercury) | Waynesboro, Augusta, Rockingham & Page Co.,Towns of Elkton & | None- |

* Watershed IDs ending in E are estuaries and thus stream segments are in square miles.

## POTOMAC AND SHENANDOAH RIVER BASIN

| HUC and Watershed ID | Stream Name | Stream Segment* (miles) | Parameter | Source of Impairment | City/County | Scheduled TMDL Date |
|---|---|---|---|---|---|---|
| VAV-B33R | South Fork Shenandoah River | 7.64 | General Standard (Benthic) | Unknown | Shenandoah Rockingham Co. | 2001-2010 |
| VAV-B34R | Cub Run | 13.90 | Fecal Coliform | NPS - Agriculture | Rockingham Co. | 2001-2010 |
| VAV-B35R | Quail Run | 5.07 | General Standard (Benthic) | PS - STP - Massanutten dischar | Rockingham Co. | 2001-2010 |
| VAV-B36R | Naked Creek | 6.65 | General Standard (Benthic) | Unknown | Rockingham , Page | 2001-2010 |
| VAV-B38R | Mill Creek | 6.73 | Fecal Coliform | NPS - Agriculture | Page Co. | 2001-2010 |
| VAV-B38R | South Fork Shenandoah River | 15.69 | General Standard (Benthic) | Unknown | Page Co. | 2001-2010 |
| VAV-B39R | Hawksbill Creek | 9.40 | Fecal Coliform | NPS - Agriculture<br>CSO | Page Co., Town of Luray | 2001-2010 |
| **02070006** | | | | | | |
| VAV-B45R | Holmans Creek | 10.44 | Fecal Coliform<br>General Standard (Benthic) | NPS - Agriculture | Rockingham Co., Shenandoah Co. | 1998-2000 |
| VAV-B45R | North Fork Shenandoah River | 14.27 | Fecal Coliform | NPS - Agriculture | Rockingham Co., Shenandoah Co.,Broadway, Timberville, Mt. Jackson | 2001-2010 |
| VAV-B46R | Linville Creek | 13.55 | Fecal Coliform<br>General Standard (Benthic) | NPS - Agriculture | Rockingham Co., Broadway | 2001-2010 |
| VAV-B47R | Lacey Spring | 0.20 | General Standard (Benthic) | PS - Trout Farm - Shen. Fisher | Rockingham Co. | 2001-2010 |

* Watershed IDs ending in E are estuaries and thus stream segments are in square miles.



AR0011738

## POTOMAC AND SHENANDOAH RIVER BASIN

| HUC and Watershed ID | Stream Name | Stream Segment* (miles) | Parameter | Source of Impairment | City/County | Scheduled TMDL Date |
|---|---|---|---|---|---|---|
| VAV-B47R | Smith Creek | 25.82 | General Standard (Benthic) | NPS - Agriculture | Rockingham Co., Shenandoah Co. | 2001-2010 |
| VAV-B47R | Smith Creek | 34.00 | Fecal Coliform | NPS - Agriculture | Shenandoah Co., Rockingham Co. | 2001-2010 |
| VAV-B48R | Mill Creek | 15.03 | General Standard (Benthic) | Unknown | Shenandoah County | 2001-2010 |
| VAV-B50R | Toms Brook | 7.18 | General Standard (Benthic) | Unknown | Shenandoah County | 2001-2010 |
| VAV-B51R | N.F. Shenandoah River | 5.33 | VDH Health Advisory (PCBs) | PS - Avtex | Town of Front Royal | 2001-2010 |
| VAV-B52R | Orndorff Spring Branch | 0.15 | General Standard (Benthic) | PS - Trout Farm - Orndorff | Shenandoah Co | 2001-2010 |
| **02070007** | | | | | | |
| VAV-B41R<br>VAV-B55R<br>VAV-B57R<br>VAV-B58R | S.F. Shenandoah River/Shenandoah River | 36.45 | VDH Health Advisory (PCBs) | PS - Avtex | Towns of Front Royal & Berryville, Warren & Clarke Co. | 2001-2010 |
| VAV-B57R | Spout Run | 7.60 | General Standard (Benthic)<br>Fecal Coliform | NPS - Agriculture | Clarke County | 2001-2010 |
| **02070008** | | | | | | |
| VAN-A01R | Piney Run | 3.87 | Fecal Coliform | Unknown | Loudoun | 2001-2010 |
| VAN-A02R | Catoctin Creek | 7.40 | Fecal Coliform | Unknown | Loudoun | 2001-2010 |
| VAN-A02R | North Fork Catoctin Creek | 10.53 | Fecal Coliform | Unknown | Loudoun | 2001-2010 |
| VAN-A02R | South Fork Catoctin Creek | 6.01 | Fecal Coliform | Unknown | Loudoun | 2001-2010 |
| VAN-A05R | Cromwells Run | 3.81 | Fecal Coliform | Unknown | Faquier/Loudoun | 2001-2010 |

* Watershed IDs ending in E are estuaries and thus stream segments are in square miles.



AR001739

## POTOMAC AND SHENANDOAH RIVER BASIN

| HUC and Watershed ID | Stream Name | Stream Segment* (miles) | Parameter | Source of Impairment | City/County | Scheduled TMDL Date |
|---|---|---|---|---|---|---|
| VAN-A06R | North Fork Goose Creek | 4.50 | Fecal Coliform | Unknown | Loudoun | 2001-2010 |
| VAN-A07R | Beaverdam Creek | 6.43 | Fecal Coliform | Unknown | Loudoun | 2001-2010 |
| VAN-A08R | Goose Creek | 8.66 | General Standard (Benthic) | Unknown | Loudoun | 2001-2010 |
| VAN-A08R | Little River | 6.25 | Fecal Coliform<br>General Standard (Benthic) | Unknown | Loudoun | 2001-2010 |
| VAN-A08R | Sycolin Creek | 6.83 | Fecal Coliform | Unknown | Loudoun | 2001-2010 |
| VAN-A11R | Difficult Run | 3.24 | General Standard (Benthic) | Unknown | Fairfax | 2001-2010 |
| **02070010** | | | | | | |
| VAN-A12E | Four Mile Run | 0.25 | Fecal Coliform | Unknown | Arlington County, Alexandria City | 2001-2010 |
| VAN-A12R | Four Mile Run | 8.00 | Fecal Coliform | Unknown | Arlington County, Alexandria City | 2001-2010 |
| VAN-A13E | Hunting Creek | 0.48 | Fecal Coliform | Unknown | Alexandria City | 2001-2010 |
| VAN-A15R | Accotink Creek | 4.50 | Fecal Coliform | Unknown | Fairfax | 2001-2010 |
| VAN-A15R | Accotink Creek | 10.18 | General Standard (Benthic) | Unknown | Fairfax | 2001-2010 |
| VAN-A17R<br>VAN-A18R | Cedar Run | 27.68 | Fecal Coliform | Unknown | Fauquier, Prince William | 2001-2010 |
| VAN-A17R | Licking Run | 6.24 | Fecal Coliform | Unknown | Fququier | 2001-2010 |
| VAN-A19R | South Run | 2.42 | General Standard (Benthic) | Unknown | Fauquier, Prince William | 2001-2010 |
| VAN-A23R | Bull Run | 15.64 | General Standard (Benthic) | Unknown | Prince William, Fairfax (Boundary Line), Manassas Park | 2001-2010 |
| **02070011** | | | | | | |
| VAP-A31E | Mattox Creek | 0.30 | Fecal Coliform | Unknown | Westmoreland | 2001-2010 |

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AR0011740

## PART I - IMPAIRED WATERS
## VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
## 1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

### RAPPAHANNOCK RIVER BASIN

| HUC and Watershed ID | Stream Name | Stream Segment (miles) | Parameter | Source of Impairment | City/County | Scheduled TMDL Date |
|---|---|---|---|---|---|---|
| **02080103** | | | | | | |
| VAN-E01R | Thumb Run | 7.41 | Fecal Coliform | Unknown | Fauquier | 1998-2000 |
| VAN-E02R | Carter Run | 2.67 | Fecal Coliform | Unknown | Fauquier | 2001-2010 |
| VAN-E02R | Great Run | 2.70 | Fecal Coliform<br>General Standard (Benthic) | Unknown | Fauquier | 2001-2010 |
| VAN-E07R | Muddy Run | 5.97 | Fecal Coliform | Unknown | Culpeper | 1998-2000 |
| VAN-E08R | Marsh Run | 8.35 | Fecal Coliform | Unknown | Fauquier | 2001-2010 |
| VAN-E09R | Mountain Run | 7.58 | General Standard (Benthic)<br>Fecal Coliform | Unknown | Culpeper | 1998-2000 |
| VAN-E10R | Alcotti Run | 1.94 | Fecal Coliform | Unknown | Stafford | 2001-2010 |
| VAN-E10R | Deep Run | 4.75 | Fecal Coliform | Unknown | Stafford/Fauquier | 2001-2010 |
| VAN-E15R | Little Dark Run | 4.35 | Fecal Coliform | Unknown | Madison | 2001-2010 |
| **02080104** | | | | | | |
| VAN-E20R | Claiborne Run | 5.19 | Fecal Coliform | Unknown | Stafford | 2001-2010 |
| VAP-E23E | Hoskins Creek | 0.00 | Fecal Coliform | Unknown<br>PS - Municipal | Essex | 2001-2010 |
| VAP-E23R | Cat Point Creek | 3.10 | pH | Unknown | Richmond | 2001-2010 |
| VAP-E23R | Mount Landing Creek | 3.82 | pH | Unknown | Essex | 2001-2010 |
| VAP-E23R | Pisacataway Creek | 2.30 | pH | Unknown | Essex | 2001-2010 |



AR0011741

## VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
## 1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

### YORK RIVER BASIN

| HUC and Watershed ID | Stream Name | Stream Segment* (miles) | Parameter | Source of Impairment | City/County | Scheduled TMDL Date |
|---|---|---|---|---|---|---|
| 02080106 | | | | | | |
| VAP-F04R | South Anna River | 4.83 | Fecal Coliform | Unknown | Hanover | 2001-2010 |
| VAN-F06R | Mountain Run | 2.60 | Fecal Coliform | NPS - Agriculture | Orange | 2001-2010 |
| VAN-F07R | Pamunkey Creek | 5.29 | Fecal Coliform | Unknown | Orange | 2001-2010 |
| VAN-F07R | Plentiful Creek | 4.94 | Fecal Coliform | Unknown | Spotslyvania | 2001-2010 |
| VAN-F07R | Terry's Run | 5.35 | Fecal Coliform | Unknown | Orange | 2001-2010 |
| VAP-F12R | Mechumps Creek | 5.60 | pH<br>Fecal Coliform | Unknown | Hanover | 2001-2010 |
| VAP-F13E | Pamunkey River | 1.35 | Fecal Coliform | Unknown | New Kent, King William | 2001-2010 |
| VAP-F13R | Matadequin Creek | 5.10 | pH<br>Fecal Coliform | Unknown | Hanover | 2001-2010 |

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AR0011742

## PART I - IMPAIRED WATERS
## VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
## 1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

### JAMES RIVER BASIN

| HUC and Watershed ID | Stream Name | Stream Segment* (miles) | Parameter | Source of Impairment | City/County | Scheduled TMDL Date |
|---|---|---|---|---|---|---|
| **02080201** | | | | | | |
| VAW-I04R | Jackson River | 0.55 | Fecal Coliform<br>General Standard (Benthics)<br>Dissolved Oxygen (Tot. Phos.) | NPS - Urban<br>PS/Ind. / NPS/Urban<br>PS/Ind. / NPS/Urban | Covington City and Alleghany County | 2001-2010 |
| VAW-I09R | Jackson River | 24.09 | Fecal Coliform<br>General Standard (Benthics)<br>Dissolved Oxygen (Tot. Phos.) | NPS - Urban<br>PS/Ind. & Mun. / NPS-Urban<br>PS/Ind. & Mun. / NPS-Urban | Covington City, Alleghany County & Clifton Forge City | 2001-2010 |
| VAV-I14R | Coursey Springs Branch | 0.02 | General Standard (Benthic) | PS - Trout Farm - Coursey Spri | Bath Co. | 2001-2010 |
| VAW-I18R | James River | 10.94 | General Standard (Benthic) | PS/Ind. & Mun. / NPS-Urban | Botetourt | 2001-2010 |
| VAW-I24R | James River | 9.26 | General Standard (Benthic) | PS/Ind. & Mun. / NPS-Urban | Botetourt | 2001-2010 |
| VAW-I26R | Looney Mill Creek | 2.96 | Fecal Coliform | NPS - Agriculture | Botetourt | 2001-2010 |
| **02080202** | | | | | | |
| VAV-I32R | Castaline Spring Branch | 0.80 | General Standard (Benthic) | PS - Trout Farm - Castaline | Augusta Co. | 2001-2010 |
| VAV-I32R | Little Calfpasture River | 1.00 | General Standard (Benthic) | NPS | Rockbridge Co. | 2001-2010 |
| VAV-I33R | Kerrs Creek | 11.49 | General Standard (Benthic) | NPS - Agriculture | Rockbridge Co | 2001-2010 |
| VAV-I34R | Hays/Moffatts Creeks | 19.15 | Fecal Coliform | NPS - Agriculture | Rockbridge Co., Augusta Co | 2001-2010 |
| VAV-I35R | Cedar Grove Branch | 4.71 | Fecal Coliform | NPS - Agriculture | Rockbridge Co. | 2001-2010 |

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AR0011743

## VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
## 1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

### JAMES RIVER BASIN

| HUC and Watershed ID | Stream Name | Stream Segment* (miles) | Parameter | Source of Impairment | City/County | Scheduled TMDL Date |
|---|---|---|---|---|---|---|
| VAV-I35R | Mill Creek | 8.60 | Fecal Coliform | NPS - Agriculture | Rockbridge Co. | 2001-2010 |
| **02080203** | | | | | | |
| VAW-H01R | James River | 5.71 | Fecal Coliform | NPS-Agriculture/Industrial mix | Bedford, Amherst | 2001-2010 |
| VAW-H01R | Reed Creek | 12.00 | Fecal Coliform | NPS - Agriculture | Bedford | 2001-2010 |
| VAW-H03R | Blackwater Creek | 10.70 | Fecal Coliform | NPS-Urban/Combined Sewer Overf | Lynchburg City | 2001-2010 |
| VAW-H03R | Fishing Creek | 5.00 | Fecal Coliform | NPS-Urban/Combined Sewer Overf | Lynchburg City | 2001-2010 |
| VAW-H03R | Ivy Creek | 5.42 | Fecal Coliform | NPS - Urban/Sewage Overflows | Lynchburg City | 2001-2010 |
| VAW-H03R | James River | 20.00 | Fecal Coliform | NPS-Urban/Combined Sewer Overf | Lynchburg City | 2001-2010 |
| VAV-H09R | Montebello Spring Branch | 0.02 | General Standard (Benthic) | PS - Trout Farm - Montebello | Nelson Co. | 2001-2010 |
| VAW-H12R | Buffalo River | 2.45 | General Standard (Benthic) | Unknown | Nelson | 2001-2010 |
| VAV-H16R | Rockfish River | 4.87 | General Standard (Benthic) | Unknown | Nelson County | 2001-2010 |
| **02080204** | | | | | | |
| VAV-H26R | S.F. Rivanna River | 3.58 | Fecal Coliform | Unknown | Albemarle Co., Charlottesville | 2001-2010 |
| VAV-H27R | N.F. Rivanna River | 6.35 | General Standard (Benthic) | Unknown | Albemarle County | 2001-2010 |
| VAV-H28R | Moores Creek | 6.37 | Fecal Coliform | NPS - Urban | Albemarle Co., Charlottesville | 2001-2010 |
| VAV-H28R VAV-H29R | Rivanna River | 13.27 | General Standard (Benthic) | NPS - Urban | Albemarle Co., Fluvanna Co. | 2001-2010 |
| VAV-H29R | Rivanna River | 13.13 | Fecal Coliform | NPS - Urban | Albemarle Co., Fluvanna Co. | 2001-2010 |
| **02080205** | | | | | | |
| VAP-H33R | Deep Creek | 11.20 | Dissolved Oxygen | Unknown | Powhatan | 2001-2010 |
| VAP-H36R | Willis River | 14.30 | Fecal Coliform | Unknown | Cumberland | 2001-2010 |

* Watershed IDs ending in E are estuaries and thus stream segments are in square miles.



AR0011744

# VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
# 1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

## JAMES RIVER BASIN

| HUC and Watershed ID | Stream Name | Stream Segment* (miles) | Parameter | Source of Impairment | City/County | Scheduled TMDL Date |
|---|---|---|---|---|---|---|
| VAP-H39R | James River | 3.20 | Fecal Coliform<br>General Standard (Benthic) | NPS - Urban<br>CSO | Henrico, Chesterfield, Richmond City | 2001-2010 |
| VAP-H39R | Tuckahoe Creek | 4.69 | Dissolved Oxygen<br>Fecal Coliform | Unknown | Henrico, Goochland | 2001-2010 |
| **02080206** | | | | | | |
| VAP-G01E<br>VAP-G02E | James River | 10.84 | Fecal Coliform | NPS - Urban<br>CSO | Richmond City, Henrico, Chesterfield | 2001-2010 |
| VAP-G01R | Almond Creek | 3.30 | Fecal Coliform | Unknown<br>NPS - Urban | Richmond City | 2001-2010 |
| VAP-G02R | Fourmile Creek | 3.20 | pH<br>Fecal Coliform | Unknown<br>Natural Conditions | Henrico | 2001-2010 |
| VAP-G03E | Bailey Bay, Bailey Creek (tidal) | 0.50 | General Standard (Benthic)<br>Dissolved Oxygen<br>Fecal Coliform | Unknown<br>PS - Municipal /Industrial<br>Urban Runoff | Hopewell City | 2001-2010 |
| VAP-G03R | Bailey Creek | 7.80 | Dissolved Oxygen<br>Fecal Coliform | Unknown | Hopewell City | 2001-2010 |
| VAP-G05R | Chickahominy River, UT - Unnamed Tributary | 1.20 | General Standard (Benthic) | Unknown | Hanover | 2001-2010 |
| VAP-G05R | Upham Brook | 5.83 | Fecal Coliform | NPS - Urban | Henrico | 2001-2010 |

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AR0011745

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

**JAMES RIVER BASIN**

| HUC and Watershed ID | Stream Name | Stream Segment* (miles) | Parameter | Source of Impairment | City/County | Scheduled TMDL Date |
|---|---|---|---|---|---|---|
| VAP-G06R | White Oak Swamp | 6.70 | pH<br>Fecal Coliform | Unknown | Henrico | 2001-2010 |
| VAP-G08R | Morris Creek | 7.73 | Dissolved Oxygen, pH<br>Fecal Coliform | Unknown | Charles City | 2001-2010 |
| VAT-G10E | Powhatan Creek | 0.26 | Fecal Coliform | Unknown | James City | 2001-2010 |
| VAT-G11E | Pagan River | 1.50 | Fecal Coliform | PS-STP - Smithfield Foods/Unkn | Town of Smithfield | 2001-2010 |
| VAP-J15E | Appomattox River | 2.68 | Fecal Coliform | NPS - Unknown | Hopewell City, Prince George, Chesterfield | 2001-2010 |
| **02080207** | | | | | | |
| VAP-J01R<br>VAP-J06R<br>VAP-J07R<br>VAP-J10R | Appomattox River | 77.30 | Fecal Coliform | NPS - Agriculture | Appomattox, Buckingham, Prince Edward, Cumberland, Amelia, Powhatan, Chesterfield | 2001-2010 |
| VAP-J06R | Saylers Creek | 8.90 | Fecal Coliform | NPS - Agriculture | Prince Edward | 2001-2010 |
| VAP-J08R | Flat Creek | 4.10 | Fecal Coliform | PS - Municipal<br>NPS - Agriculture | Amelia | 2001-2010 |
| VAP-J11R | Deep Creek, UT - Unnamed Tributary | 2.16 | General Standard (Benthic) | PS - Municipal | Nottoway, Crewe | 2001-2010 |
| VAP-J12R | Winterpock Creek | 10.50 | Dissolved Oxygen | Unknown | Chesterfield | 2001-2010 |
| VAP-J12R | Winticomack Creek | 4.10 | Dissolved Oxygen | Unknown | Amelia | 2001-2010 |

* Watershed IDs ending in E are estuaries and thus stream segments are in square miles.



AR0011746

## JAMES RIVER BASIN

| HUC and Watershed ID | Stream Name | Stream Segment* (miles) | Parameter | Source of Impairment | City/County | Scheduled TMDL Date |
|---|---|---|---|---|---|---|
| **02080208** | | | | | | |
| VAT-G13E | Nansemond River | 0.22 | Fecal Coliform | Unknown | Suffolk | 2001-2010 |
| VAT-G13E | Shingle Creek | 0.10 | Fecal Coliform | Unknown | Suffolk | 2001-2010 |
| VAT-G15E-01 | Southern Branch - Elizabeth R | 3.00 | Tributyltin | Commercial port activities | Chesapeake, Portsmouth | 2001-2010 |
| VAT-G15E-02 | Broad Creek | 0.35 | Fecal Coliform | Unknown | Norfolk | 2001-2010 |
| VAT-G15E-02 | Eastern Branch - Elizabeth R | 0.60 | Tributyltin | Commercial port activities | Norfolk | 2001-2010 |
| VAT-G15E-03 | Elizabeth River | 9.60 | Tributyltin | Commercial port activities | Norfolk, Portsmouth | 2001-2010 |

* Watershed IDs ending in E are estuaries and thus stream segments are in square miles.



AR0011747

## VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
## 1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

### CHOWAN RIVER AND DISMAL SWAMP BASIN

| HUC and Watershed ID | Stream Name | Stream Segment* (miles) | Parameter | Source of Impairment | City/County | Scheduled TMDL Date |
|---|---|---|---|---|---|---|
| **03010201** | | | | | | |
| VAP-K16R | Hurricane Branch, UT - Unnamed Tributary | 1.12 | General Standard (Benthic) | PS - Municipal | Nottoway, Blackstone | 2001-2010 |
| **03010202** | | | | | | |
| VAP-K32R | Spring Branch | 2.70 | General Standard (Benthic) | Unknown<br>PS - Industrial<br>Municipal Point Sources | Sussex, Waverly | 2001-2010 |
| **03010204** | | | | | | |
| VAP-K07R | Roses Creek | 3.15 | General Standard (Benthic)<br>Fecal Coliform | NPS - Silviculture<br>PS - Municipal<br>Unknown | Brunswick, Alberta | 2001-2010 |
| VAP-K07R | Roses Creek | 6.68 | Fecal Coliform | Unknown | Brunswick, Alberta, Lawrenceville | 2001-2010 |
| **03010205** | | | | | | |
| VAT-K41R | West Neck Creek | 1.00 | Fecal Coliform | Unknown | Virginia Beach | 2001-2010 |
| VAT-K42E | Nawney Creek | 0.12 | Fecal Coliform | Unknown | Virginia Beach | 2001-2010 |

* Watershed IDs ending in E are estuaries and thus stream segments are in square miles.



AR0011748

## ROANOKE RIVER BASIN

| HUC and Watershed ID | Stream Name | Stream Segment* (miles) | Parameter | Source of Impairment | City/County | Scheduled TMDL Date |
|---|---|---|---|---|---|---|
| 03010101 | | | | | | |
| VAW-L02R | Wilson Creek | 5.00 | Fecal Coliform | NPS - Urban | Montgomery | 2001-2010 |
| VAW-L04R | Ore Branch | 3.90 | Fecal Coliform | NPS - Urban | Roanoke City, Roanoke County | 2001-2010 |
| VAW-L04R | Roanoke River | 11.72 | Fecal Coliform<br>General Standard (Benthics) | NPS - Urban<br>NPS - Urban | Salem City, Roanoke City, Roanoke County | 2001-2010 |
| VAW-L05R | Glade Creek | 5.75 | Fecal Coliform | NPS - Urban | Roanoke, Botetourt, Vinton Town | 2001-2010 |
| VAW-L05R | Lick Run | 3.50 | Fecal Coliform | NPS - Urban | Roanoke City | 2001-2010 |
| VAW-L05R | Tinker Creek | 19.06 | Fecal Coliform | NPS - Urban/Agriculture | Roanoke, Botetourt, Vinton Town | 2001-2010 |
| VAW-L07R | Roanoke River | 6.26 | Fecal Coliform | NPS - Urban/Agriculture | Bedford, Franklin | 2001-2010 |
| VAW-L08R | Blackwater River | 9.83 | Fecal Coliform<br>General Standard (Benthics) | NPS - Agriculture<br>NPS - Agriculture | Franklin | 2001-2010 |
| VAW-L08R | Blackwater River | 15.78 | Fecal Coliform<br>General Standard (Benthics) | NPS - Agriculture<br>NPS - Agriculture | Franklin | 2001-2010 |
| VAW-L08R | North Fork of the Blackwater River | 11.48 | Fecal Coliform<br>General Standard (Benthics) | NPS - Agriculture<br>NPS - Agriculture | Franklin | 2001-2010 |
| VAW-L08R | South Fork of the Blackwater River | 6.05 | Fecal Coliform | NPS - Agriculture | Franklin | 2001-2010 |
| VAW-L09R | Maggodee Creek | 21.13 | Fecal Coliform | NPS - Agriculture | Franklin | 2001-2010 |
| VAW-L10R | Blackwater River | 20.00 | Fecal Coliform | NPS - Agriculture | Franklin | 2001-2010 |
| VAW-L11R | Gills Creek | 27.97 | Fecal Coliform | NPS - Agriculture | Franklin | 2001-2010 |

* Watershed IDs ending in E are estuaries and thus stream segments are in square miles.



AR0011749

## VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
## 1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

### ROANOKE RIVER BASIN

| HUC and Watershed ID | Stream Name | Stream Segment* (miles) | Parameter | Source of Impairment | City/County | Scheduled TMDL Date |
|---|---|---|---|---|---|---|
| VAW-L14R | Pigg River | 20.00 | Fecal Coliform | NPS - Urban/Agriculture | Franklin | 2001-2010 |
| VAW-L14R | Storey Creek | 11.66 | Fecal Coliform | NPS - Urban/Agriculture | Franklin | 2001-2010 |
| VAW-L18R | Pigg River | 14.31 | Fecal Coliform | NPS - Agriculture | Pittsylvania | 2001-2010 |
| VAW-L23R | Sheeps Creek | 7.33 | Fecal Coliform | NPS - Agriculture | Bedford | 2001-2010 |
| VAW-L25R | Elk Creek | 7.48 | Fecal Coliform | NPS - Agriculture | Bedford | 2001-2010 |
| VAW-L26R | Little Otter River | 27.22 | Fecal Coliform | NPS - Urban/Agriculture | Bedford | 2001-2010 |
| VAW-L26R | Machine Creek | 20.00 | Fecal Coliform | NPS - Agriculture | Bedford | 2001-2010 |
| VAW-L28R | Big Otter River | 14.75 | Fecal Coliform | NPS - Agriculture | Campbell | 2001-2010 |
| **03010102** | | | | | | |
| VAW-L30R | Roanoke River | 8.34 | Fecal Coliform | NPS - Agriculture | Campbell, Pittsylvania, Halifax | 2001-2010 |
| VAW-L30R<br>VAP-L36R<br>VAP-L38R<br>VAP-L40R | Roanoke River | 55.79 | VDH Health Advisory (PCBs) | Unknown | Campbell, Pittsylvania, Halifax, Charlotte | 2001-2010 |
| VAW-L34R | Falling River | 7.61 | Fecal Coliform | NPS - Agriculture | Campbell | 2001-2010 |
| VAP-L39R | Ash Camp Creek | 2.60 | General Standard (Benthic) | PS - Municipal | Charlotte | 2001-2010 |
| VAP-L39R | Twittys Creek | 7.24 | General Standard (Benthic) | PS - Municipal<br>PS - Industrial | Charlotte | 2001-2010 |
| VAP-L40R<br>VAP-L38R | Roanoke River | 18.24 | Fecal Coliform | Unknown | Charlotte, Halifax | 2001-2010 |
| VAP-L41R | Difficult Creek | 5.80 | Fecal Coliform | Unknown | Halifax | 2001-2010 |
| **03010103** | | | | | | |
| VAW-L42R | Dan River | 10.16 | Fecal Coliform | NPS - Agriculture | Patrick | 2001-2010 |
| VAW-L45R | South Mayo River | 6.52 | Fecal Coliform | NPS - Agriculture | Patrick | 2001-2010 |

* Watershed IDs ending in E are estuaries and thus stream segments are in square miles.



AR001750

## ROANOKE RIVER BASIN

| HUC and Watershed ID | Stream Name | Stream Segment* (miles) | Parameter | Source of Impairment | City/County | Scheduled TMDL Date |
|---|---|---|---|---|---|---|
| VAW-L54R | Smith River | 15.00 | General Standard (Benthic) | PS/Effluent Toxicity/NPS/Urban | Henry | 2001-2010 |
| **03010104** | | | | | | |
| VAW-L61R | Fall Creek | 12.18 | Fecal Coliform | NPS - Urban | Danville City | 2001-2010 |
| VAP-L62R<br>VAP-L64R<br>VAP-L73R | Dan River | 42.80 | Fecal Coliform | Unknown | Halifax, Mecklenburg | 2001-2010 |
| VAP-L63R | Birch Creek | 4.60 | Fecal Coliform | Unknown | Pittsylvania, Halifax | 2001-2010 |
| **03010105** | | | | | | |
| VAW-L66R | Cherrystone Creek | 13.96 | Fecal Coliform | NPS - Urban/Agriculture | Pittsylvania, Chatham Town | 2001-2010 |
| VAP-L67R<br>VAP-L71R | Banister River | 10.80 | Fecal Coliform | Unknown | Pittsylvania, Halifax | 2001-2010 |
| VAP-L71R | Banister River | 12.26 | Fecal Coliform | Unknown | Halifax | 2001-2010 |
| **03010106** | | | | | | |
| VAP-L78R<br>VAP-L79R | Roanoke River | 9.46 | Dissolved Oxygen | PS - Upstream Impoundment Hypolimnetic Waters Release | Mecklenburg | 2001-2010 |
| VAP-L79R | Flat Creek | 8.95 | General Standard (Benthic)<br>Fecal Coliform | PS - Municipal | Mecklenburg, South Hill | 2001-2010 |

* Watershed IDs ending in E are estuaries and thus stream segments are in square miles.



AR0011751

## VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
## 1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

### NEW RIVER BASIN

| HUC and Watershed ID | Stream Name | Stream Segment* (miles) | Parameter | Source of Impairment | City/County | Scheduled TMDL Date |
|---|---|---|---|---|---|---|
| **05050001** | | | | | | |
| VAS-N02R | New River | 0.60 | General Standard (Benthic) | Unknown | Grayson | 2001-2010 |
| VAS-N06R | Chestnut Creek | 15.00 | General Standard (Benthic) | Resource Extraction<br>NPS - Urban | Galax, Grayson, Carroll | 2001-2010 |
| VAS-N08R | New River | 2.13 | General Standard (Benthic) | NPS - Agriculture<br>NPS - Silvaculture | Wythe, Pulaski | 2001-2010 |
| VAW-N17R | Peak Creek | 4.65 | General Standard (Benthic) | NPS - Urban | Pulaski | 2001-2010 |
| VAW-N18R | Crab Creek | 10.46 | Fecal Coliform<br>General Standard (Benthics) | NPS - Urban/Agriculture<br>NPS - Urban/Agriculture | Montgomery | 2001-2010 |
| VAW-N20R | Dodd Creek | 2.62 | Fecal Coliform | NPS - Agriculture | Floyd | 2001-2010 |
| VAW-N21R | Mill Creek | 5.68 | Fecal Coliform | NPS - Agriculture | Montgomery | 2001-2010 |
| VAW-N22R | Back Creek | 17.38 | Fecal Coliform | NPS - Agriculture | Pulaski | 2001-2010 |
| VAW-N22R | Stroubles Creek | 4.87 | General Standard (Benthic) | NPS - Urban/Agriculture | Montgomery | 2001-2010 |
| **05050002** | | | | | | |
| VAS-N31R | Hunting Camp Creek | 6.29 | General Standard (Benthic) | Unknown | Bland | 2001-2010 |
| VAS-N36R | Bluestone River | 6.62 | Fecal Coliform | NPS - Urban | Tazewell | 2001-2010 |
| VAS-N37R | Laurel Fork | 2.84 | Dissolved Oxygen<br>Fecal Coliform<br>General Standard (Benthic) | NPS - Urban | Tazewell | 2001-2010 |

* Watershed IDs ending in E are estuaries and thus stream segments are in square miles.



AR0011752

## TENNESSEE/BIG SANDY RIVER BASIN

| HUC and Watershed ID | Stream Name | Stream Segment* (miles) | Parameter | Source of Impairment | City/County | Scheduled TMDL Date |
|---|---|---|---|---|---|---|
| **05070201** | | | | | | |
| VAS-Q03R | Knox Creek | 18.00 | General Standard (Benthic) | Resource Extraction<br>NPS - Urban | Buchanan | 2001-2010 |
| VAS-Q03R | PawPaw Creek | 4.52 | General Standard (Benthic) | Resource Extraction | Buchanan | 2001-2010 |
| **05070202** | | | | | | |
| VAS-Q04R | Garden Creek | 1.87 | General Standard (Benthic) | Resource Extraction<br>NPS - Urban | Buchanan | 2001-2010 |
| VAS-Q04R | Levisa Fork | 4.10 | General Standard (Benthic) | Resource Extraction<br>NPS - Urban | Buchanan | 2001-2010 |
| VAS-Q07R | Slate Creek | 4.80 | General Standard (Benthic) | NPS - Urban | Buchanan | 2001-2010 |
| VAS-Q08R | Bull Creek | 13.00 | General Standard (Benthic) | Resource Extraction | Buchanan | 2001-2010 |
| VAS-Q08R | Levisa Fork | 1.52 | General Standard (Benthic) | Resource Extraction | Buchanan | 2001-2010 |
| VAS-Q11R | McClure River | 14.25 | Fecal Coliform | NPS - Urban | Dickenson | 2001-2010 |
| VAS-Q12R | Russell Prater Creek | 11.40 | General Standard (Benthic) | Resource Extraction | Dickenson | 2001-2010 |
| VAS-Q13R | North Fork Pound River | 1.08 | General Standard (Benthic) | NPS - Urban | Wise | 2001-2010 |
| VAS-Q13R | South Fork Pound River | 3.48 | General Standard (Benthic) | Resource Extraction | Wise | 2001-2010 |
| **06010101** | | | | | | |
| VAS-O09R | North Fork Holston River | 5.69 | General Standard (Benthic) | NPS - Agriculture | Smyth | 2001-2010 |
| VAS-O10R<br>VAS-O11R<br>VAS-O12R<br>VAS-O13R | North Fork Holston | 80.40 | VDH Health Advisory (Mercury) | PS | Smyth, Washington, Scott | 2001-2010 |
| VAS-O11R | North Fork Holston River | 5.34 | General Standard (Benthic) | NPS - Urban | Washington | 2001-2010 |

* Watershed IDs ending in E are estuaries and thus stream segments are in square miles.



AR0011753

## TENNESSEE/BIG SANDY RIVER BASIN

| HUC and Watershed ID | Stream Name | Stream Segment* (miles) | Parameter | Source of Impairment | City/County | Scheduled TMDL Date |
|---|---|---|---|---|---|---|
| VAS-O13R | North Fork Holston River | 5.20 | Fecal Coliform | NPS - Urban<br>Unknown | Scott County | 2001-2010 |
| **06010102** | | | | | | |
| VAS-O05R | Byers Creek | 1.19 | Fecal Coliform | NPS - Agriculture | Washington | 1998-2000 |
| VAS-O05R | Byers Creek | 1.19 | General Standard (Benthic) | NPS - Agriculture | Washington | 2001-2010 |
| VAS-O05R | Cedar Creek | 5.24 | Fecal Coliform | NPS - Agriculture | Washington | 1998-2000 |
| VAS-O05R | Cedar Creek | 5.24 | General Standard (Benthic) | NPS - Agriculture | Washington | 2001-2010 |
| VAS-O05R | Hall Creek | 5.87 | Fecal Coliform | NPS - Agriculture | Washington | 1998-2000 |
| VAS-O05R | Hall Creek | 5.87 | General Standard (Benthic) | NPS - Agriculture | Washington | 2001-2010 |
| VAS-O05R | Hutton Creek | 4.20 | Fecal Coliform | NPS - Agriculture | Washington | 1998-2000 |
| VAS-O05R | Hutton Creek | 4.20 | General Standard (Benthic) | NPS - Agriculture | Washington | 2001-2010 |
| VAS-O07R | Beaver Creek | 20.73 | Fecal Coliform<br>General Standard (Benthic) | NPS - Urban<br>NPS - Agriculture | Washington, City of Bristol | 2001-2010 |
| VAS-O07R | Little Creek | 5.52 | Fecal Coliform | NPS - Urban/Agriculture | Washington, City of Bristol | 2001-2010 |
| **06010205** | | | | | | |
| VAS-P01R | Clinch River | 5.34 | General Standard (Benthic) | NPS - Urban | Tazewell | 2001-2010 |
| VAS-P03R | Middle Creek | 10.70 | General Standard (Benthic) | Resource Extraction | Tazewell | 2001-2010 |
| VAS-P04R | Lewis Creek | 4.63 | General Standard (Benthic) | NPS - Urban | Russell | 2001-2010 |
| VAS-P08R | Dumps Creek | 3.40 | General Standard (Benthic) | Resource Extraction | Russell | 2001-2010 |
| VAS-P10R | Lick Creek, Laurel Br, Straight Hol., Rt.Fk., Cigarette Hol. | 15.41 | General Standard (Benthic)<br>Fecal Coliform | NPS - Urban | Russell | 2001-2010 |

* Watershed IDs ending in E are estuaries and thus stream segments are in square miles.



AR0011754

**TENNESSEE/BIG SANDY RIVER BASIN**

| HUC and Watershed ID | Stream Name | Stream Segment* (miles) | Parameter | Source of Impairment | City/County | Scheduled TMDL Date |
|---|---|---|---|---|---|---|
| VAS-P11R | Guest R.,Crab Orch.Ck,Sepulcher Ck.,Yellow Ck,Tom,Lit.Tom Ck | 46.15 | Fecal Coliform | NPS - Urban | Wise | 2001-2010 |
| VAS-P11R | Guest River | 28.33 | General Standard (Benthic) | Resource Extraction | Wise | 2001-2010 |
| VAS-P13R | Stock Creek | 0.70 | General Standard (Benthic) | NPS - Urban | Scott | 2001-2010 |
| **06010206** | | | | | | |
| VAS-P17R | Black Creek and tributaries | 5.94 | General Standard (Benthic) | Resource Extraction/Acid Mine | Wise | 2001-2010 |
| VAS-P17R | Callahan Creek | 1.58 | General Standard (Benthic) | Resource Extraction<br>NPS - Urban | Wise | 2001-2010 |
| VAS-P17R | Powell River | 3.30 | Fecal Coliform | NPS - Urban | Wise | 2001-2010 |
| VAS-P20R | North Fork Powell River | 3.94 | General Standard (Benthic) | NPS - Urban | Lee | 2001-2010 |
| VAS-P20R | Straight Creek | 7.10 | Fecal Coliform | NPS - Urban | Lee | 2001-2010 |
| VAS-P20R | Straight Creek, Stone Creek and tributaries | 38.10 | General Standard (Benthic) | Resource Extraction/Acid Mine | Lee | 1998-2000 |
| VAS-P21R | East and West Batie Creek | 0.74 | Dissolved Oxygen | NPS - Solid Waste | Lee | 2001-2010 |

* Watershed IDs ending in E are estuaries and thus stream segments are in square miles.



AR0011755

**CHES BAY/ATL/SM COASTAL**

| HUC and Watershed ID | Stream Name | Stream Segment* (miles) | Parameter | Source of Impairment | City/County | Scheduled TMDL Date |
|---|---|---|---|---|---|---|
| **02080108** | | | | | | |
| VAT-C07E | Brick Kiln Creek | 0.07 | Fecal Coliform | Unknown | Newport News | 2001-2010 |
| VAT-C07E | New Market Creek | 0.05 | Fecal Coliform | Unknown | Hampton | 2001-2010 |
| VAT-C07E | Poquoson River | 0.52 | Fecal Coliform | Unknown | York | 2001-2010 |
| VAT-C08E | London Bridge Creek | 0.05 | Fecal Coliform | Unknown | Virginia Beach | 2001-2010 |
| VAT-C08E | Thalia Creek | 0.16 | Fecal Coliform | Unknown | Virginia Beach | 2001-2010 |
| **02080109** | | | | | | |
| VAT-C10E | Holdens Creek | 0.16 | Fecal Coliform | Unknown | Accomack | 2001-2010 |
| VAT-C10R | Sandy Bottom Branch | 1.50 | Fecal Coliform | Unknown | Accomack | 2001-2010 |
| VAT-C10R | Sandy Bottom Branch | 1.50 | General Standard (Benthic) | Unknown | Accomack | 2001-2010 |
| VAT-C10R | Unnamed Tributary to Sandy Bottom Branch | 0.30 | Fecal Coliform | Unknown | Accomack | 2001-2010 |
| VAT-C10R | Unnamed Tributary to Sandy Bottom Branch | 0.30 | General Standard (Benthic) | Unknown | Accomack | 2001-2010 |
| **02080110** | | | | | | |
| VAT-D02R | Petit Branch | 1.25 | Ammonia<br>General Standard (Benthic) | Unknown | Accomack | 2001-2010 |
| VAT-D02R | Petit Branch | 1.00 | Fecal Coliform | Unknown | Accomack | 2001-2010 |
| VAT-D03R | Parker Creek | 1.51 | General Standard (Benthic)<br>Fecal Coliform | Unknown | Accomack | 2001-2010 |

* Watershed IDs ending in E are estuaries and thus stream segments are in square miles.



AR0011756

PART I - IMPAIRED WATERS - SHELLFISH
VIRGINIA DEPARTMENT of ENVIRONMENTAL QUALITY
1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

POTOMAC AND SHENANDOAH RIVER BASIN

| HUC and Watershed ID | Stream Name | Segment Size (sq - mi) | Parameter | Source of Impairment | City/County |
|---|---|---|---|---|---|
| 02070011 | | | | | |
| VAN-A30E | Deep Creek | 0.06 | VDH Shellfish Condemnation | NPS | King George |
| VAN-A30E | Upper Machodoc Creek | 0.67 | VDH Shellfish Condemnation | NPS | King George |
| VAN-A30E | Upper Machodoc/Gambo Creek | 0.28 | VDH Shellfish Condemnation | PS/NPS | King George |
| VAN-A30E | Upper Machodoc/Williams Creeks | 0.20 | VDH Shellfish Condemnation | PS/NPS | King George |
| VAP-A31E | Mattox Creek | 0.86 | VDH Shellfish Restriction | PS/NPS | Westmoreland |
| VAP-A31E | Monroe Bay | 0.77 | VDH Shellfish Restriction | NPS | Westmoreland |
| VAP-A31E | Monroe Bay | 0.77 | VDH Shellfish Restriction | Unknown | Westmoreland |
| VAP-A31E | Monroe Creek | 0.57 | VDH Shellfish Restriction | PS/NPS | Westmoreland |
| VAP-A31E | Potomac River: Popes Creek | 0.41 | VDH Shellfish Restriction | NPS | Westmoreland |
| VAP-A31E | Rosier Creek | 0.28 | VDH Shellfish Restriction | NPS | Westmoreland |
| VAP-A31E | Upper Machodoc Creek | 0.28 | VDH Shellfish Restriction | NPS | King George |
| VAP-A31E | Upper Machodoc Creek | 0.20 | VDH Shellfish Restriction | NPS | King George |
| VAP-A31E | Upper Machodoc Creek | 0.06 | VDH Shellfish Restriction | NPS | King George |
| VAP-A31E | Upper Machodoc Creek | 0.68 | VDH Shellfish Restriction | NPS | King George |
| VAP-A32E | Barnes Creek | 0.05 | VDH Shellfish Restriction | NPS | Westmoreland |
| VAP-A32E | Branson Cove | 0.03 | VDH Shellfish Restriction | NPS | Westmoreland |
| VAP-A32E | Buckner Creek | 0.16 | VDH Shellfish Restriction | NPS | Westmoreland |
| VAP-A32E | Currioman Bay | 0.02 | VDH Shellfish Restriction | NPS | Westmoreland |
| VAP-A32E | Currioman Bay | 0.02 | VDH Shellfish Restriction | NPS | Westmoreland |
| VAP-A32E | Lower Machodoc Creek | 0.45 | VDH Shellfish Restriction | NPS | Westmoreland |
| VAP-A32E | Nomini Creek | 0.53 | VDH Shellfish Restriction | NPS | Westmoreland |
| VAP-A32E | North Prong | 0.04 | VDH Shellfish Restriction | NPS | Westmoreland |
| VAP-A32E | Pierce Creek | 0.14 | VDH Shellfish Restriction | PS/NPS | Westmoreland |
| VAP-A33E | Bonum Creek | 0.20 | VDH Shellfish Restriction | NPS | Westmoreland |



AR0011757

PART I - IMPAIRED WATERS - SHELLFISH
VIRGINIA DEPARTMENT of ENVIRONMENTAL QUALITY
1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

POTOMAC AND SHENANDOAH RIVER BASIN

| HUC and atershed ID | Stream Name | Segment Size (sq - mi) | Parameter | Source of Impairment | City/County |
|---|---|---|---|---|---|
| .P-A33E | Dungan Cove | 0.03 | VDH Shellfish Restriction | NPS | Westmoreland |
| .P-A33E | Lodge Creek | 0.29 | VDH Shellfish Restriction | NPS | Westmoreland |
| .P-A33E | Long Cove | 0.01 | VDH Shellfish Restriction | NPS | Westmoreland |
| P-A33E | Mill Creek | 0.22 | VDH Shellfish Restriction | NPS | Westmoreland |
| P-A33E | Potomac River: Garder Creek | 0.12 | VDH Shellfish Restriction | NPS | Westmoreland |
| P-A33E | Potomac River: Johnson Creek | 0.07 | VDH Shellfish Restriction | NPS | Westmoreland |
| P-A33E | Shannon Branch | 0.11 | VDH Shellfish Restriction | NPS | Westmoreland |
| P-A33E | W. Yeocomico River | 0.38 | VDH Shellfish Restriction | PS/NPS | Westmoreland |
| P-A33E | White Point Creek | 0.08 | VDH Shellfish Restriction | NPS | Westmoreland |
| P-A34E | Bridgeman Creek | 0.04 | VDH Shellfish Restriction | NPS | Northumberland |
| P-A34E | Coan River | 0.02 | VDH Shellfish Restriction | NPS | Northumberland |
| P-A34E | Coan River | 0.03 | VDH Shellfish Restriction | NPS | Northumberland |
| P-A34E | Coan River | 0.43 | VDH Shellfish Restriction | NPS | Northumberland |
| P-A34E | Cod Creek | 0.11 | VDH Shellfish Restriction | NPS | Northumberland |
| P-A34E | Cod Creek | 0.11 | VDH Shellfish Restriction | NPS | Northumberland |
| P-A34E | Hull Creek | 0.21 | VDH Shellfish Restriction | NPS | Northumberland |
| P-A34E | Killneck Creek | 0.05 | VDH Shellfish Restriction | NPS | Northumberland |
| P-A34E | Kingscote Creek | 0.05 | VDH Shellfish Restriction | NPS | Northumberland |
| P-A34E | Litle Wicomico River: Bridge Creek | 0.08 | VDH Shellfish Restriction | NPS | Northumberland |
| P-A34E | Little Wicomico River: Bridge Creek | 0.20 | VDH Shellfish Restriction | NPS | Northumberland |
| P-A34E | Little Wicomico River: Bridge Creek | 0.08 | VDH Shellfish Restriction | NPS | Northumberland |
| P-A34E | Long Cove | 0.13 | VDH Shellfish Restriction | NPS | Northumberland |
| -A34E | Potomac River: Cubitt Creek | 0.23 | VDH Shellfish Restriction | NPS | Northumberland |
| -A34E | Potomac River: Presley Creek | 0.29 | VDH Shellfish Restriction | NPS | Northumberland |



AR0011758

## PART I - IMPAIRED WATERS - SHELLFISH
## VIRGINIA DEPARTMENT of ENVIRONMENTAL QUALITY
## 1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

### POTOMAC AND SHENANDOAH RIVER BASIN

| HUC and Watershed ID | Stream Name | Segment Size (sq - mi) | Parameter | Source of Impairment | City/County |
|---|---|---|---|---|---|
| VAP-A34E | Rogers Creek | 0.02 | VDH Shellfish Restriction | NPS | Northumberland |
| VAP-A34E | Stevens Point | 0.05 | VDH Shellfish Restriction | NPS | Northumberland |
| VAP-A34E | The Glebe | 0.02 | VDH Shellfish Restriction | NPS | Northumberland |
| VAP-A34E | Wrights Cove | 0.03 | VDH Shellfish Restriction | NPS | Northumberland |



AR0011759

PART I - IMPAIRED WATERS - SHELLFISH
VIRGINIA DEPARTMENT of ENVIRONMENTAL QUALITY
1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

RAPPAHANNOCK RIVER BASIN

| IUC and ıtershed ID | Stream Name | Segment Size (sq - mi) | Parameter | Source of Impairment | City/County |
|---|---|---|---|---|---|
| 80104 | | | | | |
| ?-E23E | Upper Rappahannock River | 3.70 | VDH Shellfish Restriction | NPS | Essex |
| ?-E23E | Upper Rappahannock River | 0.19 | VDH Shellfish Restriction | NPS | Essex |
| ?-E24E | Rappahannock River | 0.01 | VDH Shellfish Restriction | NPS | Essex |
| ?-E24E | Totuskey and Richardson Creek | 0.88 | VDH Shellfish Restriction | PS/NPS | Richmond County |
| ?-E24E | Totuskey and Richardson Creek | 0.24 | VDH Shellfish Restriction | PS/NPS | Richmond County |
| ?-E25E | Farnham Creek | 0.43 | VDH Shellfish Restriction | NPS | Richmond County |
| ?-E25E | Lagrange Creek | 0.54 | VDH Shellfish Restriction | NPS | Middlesex |
| ?-E25E | Lancaster Creek | 0.29 | VDH Shellfish Restriction | NPS | Lancaster, Richmond |
| -E25E | Meachim Creek | 0.10 | VDH Shellfish Restriction | NPS | Middlesex |
| -E25E | Meachim Creek | 0.03 | VDH Shellfish Restriction | NPS | Middlesex |
| -E25E | Mulberry Creek | 0.22 | VDH Shellfish Restriction | NPS | Lancaster, Richmond |
| -E25E | Rappahannock River | 0.82 | VDH Shellfish Restriction | NPS | Middlesex |
| -E25E | Rappahannock River | 0.06 | VDH Shellfish Restriction | NPS | Lancaster |
| -E25E | Rappahannock River: Beach Creek | 0.07 | VDH Shellfish Restriction | NPS | Lancaster |
| -E25E | Rappahannock River: Parrots Creek | 0.16 | VDH Shellfish Restriction | NPS | Middlesex |
| -E25E | Rappahannock River: Parrots Creek | 0.08 | VDH Shellfish Restriction | NPS | Lancaster |
| -E25E | Rappahannock River: Weeks Creek | 0.11 | VDH Shellfish Restriction | NPS | Middlesex |
| E25E | Robinson Creek | 0.18 | VDH Shellfish Restriction | NPS | Middlesex |
| E25E | Urbanna Creek | 0.42 | VDH Shellfish Restriction | PS/NPS | Middlesex |



AR0011760

## PART I - IMPAIRED WATERS - SHELLFISH
## VIRGINIA DEPARTMENT of ENVIRONMENTAL QUALITY
## 1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

### RAPPAHANNOCK RIVER BASIN

| HUC and Watershed ID | Stream Name | Segment Size (sq - mi) | Parameter | Source of Impairment | City/County |
|---|---|---|---|---|---|
| VAP-E25E | Whiting Creek | 0.05 | VDH Shellfish Restriction | PS/NPS | Middlesex |
| VAP-E26E | Bells Creek | 0.06 | VDH Shellfish Restriction | NPS | Lancaster |
| VAP-E26E | Carter Creek | 0.05 | VDH Shellfish Restriction | PS/NPS | Lancaster |
| VAP-E26E | Carter Creek | 0.24 | VDH Shellfish Restriction | PS/NPS | Lancaster |
| VAP-E26E | Carter Creek | 0.50 | VDH Shellfish Restriction | NPS | Lancaster |
| VAP-E26E | Carter Creek | 0.50 | VDH Shellfish Restriction | Unknown | Lancaster |
| VAP-E26E | Corrotman River: Myer Creek | 0.06 | VDH Shellfish Restriction | NPS | Lancaster |
| VAP-E26E | Corrotoman River: Taylor Creek | 0.14 | VDH Shellfish Restriction | NPS | Lancaster |
| VAP-E26E | Eastern Branch | 0.10 | VDH Shellfish Restriction | NPS | Lancaster |
| VAP-E26E | Eastern Branch | 0.60 | VDH Shellfish Restriction | NPS | Lancaster |
| VAP-E26E | Ewells Prong | 0.04 | VDH Shellfish Restriction | NPS | Lancaster |
| VAP-E26E | Hills Creek | 0.07 | VDH Shellfish Restriction | NPS | Lancaster |
| VAP-E26E | Millenbeck Prong | 0.03 | VDH Shellfish Restriction | NPS | Lancaster |
| VAP-E26E | Rappahannock River | 0.12 | VDH Shellfish Restriction | NPS | Middlesex |
| VAP-E26E | Rappahannock River | 0.08 | VDH Shellfish Restriction | NPS | Middlesex |
| VAP-E26E | Rappahannock River | 0.09 | VDH Shellfish Restriction | NPS | Middlesex |
| VAP-E26E | Rappahannock River: Locklies Creek | 0.10 | VDH Shellfish Restriction | NPS | Middlesex |
| VAP-E26E | Senior Creek | 0.08 | VDH Shellfish Restriction | NPS | Lancaster |
| VAP-E26E | Western Branch | 0.68 | VDH Shellfish Restriction | NPS | Lancaster |



AR0011761

PART I - IMPAIRED WATERS - SHELLFISH
VIRGINIA DEPARTMENT of ENVIRONMENTAL QUALITY
1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

YORK RIVER BASIN

| HUC and Watershed ID | Stream Name | Segment Size (sq - mi) | Parameter | Source of Impairment | City/County |
|---|---|---|---|---|---|
| 02080107 | | | | | |
| VAP-F25E VAP-F26E VAP-F14E | Upper York River | 5.25 | VDH Shellfish Restriction | PS/NPS | King William |
| VAP-F25E VAP-F26E VAP-F14E | Upper York River | 5.25 | VDH Shellfish Restriction | PS/NPS | King William |
| VAT-F26E | Adams Creek | 0.12 | VDH Shellfish Restriction | NPS | Gloucester |
| VAT-F26E | Jones Creek | 0.07 | VDH Shellfish Restriction | NPS | Gloucester |
| VAT-F26E | Poropotank River | 0.65 | VDH Shellfish Restriction | NPS | Gloucester |
| VAT-F26E | Sandy Creek | 0.00 | VDH Shellfish Restriction | NPS | Gloucester |
| VAT-F26E | York River: Aberdeen Creek | 0.10 | VDH Shellfish Restriction | NPS | Gloucester |
| VAT-F26E | York River: Carter Creek | 0.03 | VDH Shellfish Restriction | NPS | York |
| VAT-F26E | York River: Purtan Creek | 0.08 | VDH Shellfish Restriction | NPS | Gloucester |
| VAT-F26E | York River: Queen Creek | 0.40 | VDH Shellfish Restriction | NPS | York |
| VAT-F26E | York River: Skimino Creek | 0.07 | VDH Shellfish Restriction | NPS | James City |
| VAT-F26E | York River: Taskinas Creek | 0.02 | VDH Shellfish Restriction | NPS | James City |
| VAT-F26E | York River: Ware Creek | 0.10 | VDH Shellfish Restriction | NPS | New Kent |
| VAT-F27E | Felgates Creek | 0.23 | VDH Shellfish Restriction | NPS | York |
| VAT-F27E | King Creek | 0.36 | VDH Shellfish Restriction | NPS | York |
| VAT-F27E | Perrin River | 0.14 | VDH Shellfish Restriction | NPS | Gloucester |
| VAT-F27E | Sarah Creek | 0.49 | VDH Shellfish Restriction | NPS | Gloucester |
| VAT-F27E | Timberneck Creek | 0.18 | VDH Shellfish Restriction | NPS | Gloucester |
| VAT-F27E | York River Yacht Haven | 0.17 | VDH Seasonal Condemnation | Unknown | Gloucester |
| VAT-F27E | York River and Wormley Creek | 3.47 | VDH Shellfish Restriction | PS/NPS | York County |
| VAT-F27E | York River at Cheatham Annex | 0.51 | VDH Shellfish Restriction | NPS | York |



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## PART I - IMPAIRED WATERS - SHELLFISH
## VIRGINIA DEPARTMENT of ENVIRONMENTAL QUALITY
## 1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

### YORK RIVER BASIN

| HUC and Watershed ID | Stream Name | Segment Size (sq - mi) | Parameter | Source of Impairment | City/County |
|---|---|---|---|---|---|
| VAT-F27E | York River at Naval Weapons Station | 0.38 | VDH Shellfish Restriction | NPS | York |
| VAT-F27E | York River: Cedarbush Creek | 0.07 | VDH Shellfish Restriction | NPS | Gloucester |
| VAT-F27E | York River: North Shore, Carter Creek | 0.18 | VDH Shellfish Restriction | NPS | Gloucester |

## PART I - IMPAIRED WATERS - SHELLFISH
## VIRGINIA DEPARTMENT of ENVIRONMENTAL QUALITY
## 1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

### JAMES RIVER BASIN

| HUC and Watershed ID | Stream Name | Segment Size (sq - mi) | Parameter | Source of Impairment | City/County |
|---|---|---|---|---|---|
| **02080206** | | | | | |
| VAT-G10E VAT-G11E | Upper James River | 3.00 | VDH Shellfish Restriction | PS/NPS | Surry |
| VAT-G11E | Chuckatuck Creek | 0.73 | VDH Shellfish Restriction | NPS | Suffolk |
| VAT-G11E | James River - Opposite Fort Eustis | 4.32 | VDH Shellfish Restriction | PS/NPS | Newport News |
| VAT-G11E VAT-G10E | James River - Opposite Tribell Shoal Channel | 1.81 | VDH Shellfish Restriction | PS/NPS | James City |
| VAT-G11E | James River: Swash Hole | 0.12 | VDH Shellfish Restriction | NPS | Newport News |
| VAT-G11E | Kings and Ballard Marsh Creeks | 0.07 | VDH Shellfish Restriction | NPS | Isle of Wight |
| VAT-G11E | Pagan River and Jones Creek | 2.58 | VDH Shellfish Restriction | PS/NPS | Isle of Wight |
| VAT-G11E | Upper James River: Lawnes Cr | 0.27 | VDH Shellfish Restriction | NPS | Surry |
| VAT-G11E | Warwick and James Rivers | 5.31 | VDH Shellfish Restriction | PS/NPS | Newport News |
| **02080208** | | | | | |
| VAT-G13E | Nansemond River | 4.28 | VDH Shellfish Restriction | PS/NPS | Suffolk |
| VAT-G13E | Nansemond River: Bennett Creek | 0.45 | VDH Shellfish Restriction | NPS | Suffolk |
| VAT-G13E | Nansemond River: Bleakhorn Creek | 0.05 | VDH Shellfish Restriction | NPS | Suffolk |
| VAT-G13E | Nansemond River: Knotts Creek | 0.14 | VDH Shellfish Restriction | NPS | Suffolk |
| VAT-G15E | Hampton Roads | 42.01 | VDH Shellfish Restriction | NPS | Newport News |
| VAT-G15E VAT-G10E | Hampton Roads - Elizabeth River and Tidal Tributaries | 7.95 | VDH Shellfish Prohibition | NPS | Norfolk |



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## PART I - IMPAIRED WATERS - SHELLFISH
## VIRGINIA DEPARTMENT of ENVIRONMENTAL QUALITY
## 1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

### JAMES RIVER BASIN

| HUC and Watershed ID | Stream Name | Segment Size (sq - mi) | Parameter | Source of Impairment | City/County |
|---|---|---|---|---|---|
| VAT-G15E-05 | Hampton Roads - Lafayette River and Tidal Tibutaries | 1.63 | VDH Shellfish Prohibition | NPS | Norfolk |

## PART I - IMPAIRED WATERS - SHELLFISH
## VIRGINIA DEPARTMENT of ENVIRONMENTAL QUALITY
## 1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

### CHES BAY/ATL/SM COASTAL

| HUC and Watershed ID | Stream Name | Segment Size (sq - mi) | Parameter | Source of Impairment | City/County |
|---|---|---|---|---|---|
| 02080102 | | | | | |
| VAP-C01E | Antipoison Creek | 0.08 | VDH Shellfish Restriction | NPS | Lancaster |
| VAP-C01E | Ball Creek | 0.08 | VDH Shellfish Restriction | NPS | Northumberland |
| VAP-C01E | Balls Creek | 0.02 | VDH Shellfish Restriction | NPS | Northumberland |
| VAP-C01E | Barrett Creek | 0.06 | VDH Shellfish Restriction | NPS | Northumberland |
| VAP-C01E | Ches Bay: Little Taskmasters Creek | 0.05 | VDH Shellfish Restriction | NPS | Northumberland |
| VAP-C01E | Ches Bay: Owens Pond | 0.18 | VDH Shellfish Restriction | NPS | Northumberland |
| VAP-C01E | Cloverdale Creek | 0.01 | VDH Shellfish Restriction | NPS | Northumberland |
| VAP-C01E | Cockrell Creek | 1.07 | VDH Shellfish Restriction | PS/NPS | Northumberland |
| VAP-C01E | Dividing Creek | 0.40 | VDH Shellfish Restriction | NPS | Northumberland |
| VAP-C01E | Dymer Creek | 0.12 | VDH Shellfish Restriction | NPS | Lancaster |
| VAP-C01E | Dymer Creek | 0.01 | VDH Shellfish Restriction | NPS | Lancaster |
| VAP-C01E | Great Wicomico River | 0.38 | VDH Shellfish Restriction | NPS | Northumberland |
| VAP-C01E | Indian Creek | 0.23 | VDH Shellfish Restriction | PS/NPS | Northumberland, Lancaster |
| VAP-C01E | Mill Creek | 0.23 | VDH Shellfish Restriction | NPS | Northumberland |
| VAP-C01E | Mosquito Creek | 0.04 | VDH Shellfish Restriction | NPS | Lancaster |
| VAP-C01E | Oyster Creek | 0.06 | VDH Shellfish Restriction | NPS | Lancaster |
| VAP-C01E | Pitmans Cove | 0.05 | VDH Shellfish Restriction | NPS | Northumberland, Lancaster |
| VAP-C01E | Prentice Creek | 0.01 | VDH Shellfish Restriction | NPS | Northumberland |
| VAP-C01E | Prentice Creek | 0.01 | VDH Shellfish Restriction | NPS | Northumberland |
| VAP-C01E | Rappahannock River | 0.06 | VDH Shellfish Restriction | PS/NPS | Lancaster |
| VAP-C01E | Tabbs Creek | 0.10 | VDH Shellfish Restriction | NPS | Lancaster |
| VAP-C01E | Tipers Creek | 0.07 | VDH Shellfish Restriction | NPS | Northumberland |
| VAP-C01E | Unnamed Cove | 0.01 | VDH Shellfish Restriction | NPS | Northumberland |
| VAP-C01E | Warehouse Creek | 0.06 | VDH Shellfish Restriction | NPS | Northumberland |
| VAP-C01E | Whays Creek | 0.04 | VDH Shellfish Restriction | NPS | Northumberland |
| VAP-C03E | Billups Creek | 0.04 | VDH Shellfish Restriction | NPS | Mathews |
| VAP-C03E | Broad Creek | 0.03 | VDH Shellfish Restriction | PS/NPS | Middlesex |



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## PART I - IMPAIRED WATERS - SHELLFISH
## VIRGINIA DEPARTMENT of ENVIRONMENTAL QUALITY
## 1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

### CHES BAY/ATL/SM COASTAL

| HUC and Watershed ID | Stream Name | Segment Size (sq - mi) | Parameter | Source of Impairment | City/County |
|---|---|---|---|---|---|
| VAP-C03E | Harper Creek | 0.05 | VDH Shellfish Restriction | NPS | Middlesex, Glouce |
| VAP-C03E | Jackson Creek | 0.02 | VDH Shellfish Restriction | NPS | Middlesex |
| VAP-C03E | Jackson Creek | 0.01 | VDH Shellfish Restriction | NPS | Middlesex |
| VAP-C03E | Jackson Creek | 0.26 | VDH Shellfish Restriction | NPS | Middlesex |
| VAP-C03E | Morris Creek | 0.04 | VDH Shellfish Restriction | NPS | Mathews |
| VAP-C03E | Piankatank River | 1.30 | VDH Shellfish Restriction | NPS | Middlesex, Glouce |
| VAP-C03E | Piankatank River | 0.13 | VDH Shellfish Restriction | NPS | Middlesex |
| VAP-C03E | Piankatank River | 0.04 | VDH Shellfish Restriction | NPS | Middlesex |
| VAP-C03E | Stutts Creek | 0.09 | VDH Shellfish Restriction | NPS | Mathews |
| VAP-C04E | Back Creek | 0.07 | VDH Shellfish Restriction | NPS | Gloucester |
| VAP-C04E | Blackwater Creek | 0.08 | VDH Shellfish Restriction | NPS | Mathews |
| VAP-C04E | Doctors Creek | 0.01 | VDH Shellfish Restriction | NPS | Mathews |
| VAP-C04E | East River | 0.18 | VDH Shellfish Restriction | NPS | Mathews |
| VAP-C04E | Elington Creek | 0.02 | VDH Shellfish Restriction | NPS | Gloucester |
| VAP-C04E | Greenmansion Creek | 0.04 | VDH Shellfish Restriction | NPS | Mathews |
| VAP-C04E | Horn Harbor | 0.07 | VDH Shellfish Restriction | NPS | Mathews |
| VAP-C04E | Milford Haven | 0.03 | VDH Shellfish Restriction | PS/NPS | Mathews |
| VAP-C04E | Milford Haven: Edwards Creek | 0.03 | VDH Shellfish Restriction | NPS | Mathews |
| VAP-C04E | Milford Haven: Edwards Creek | 0.05 | VDH Shellfish Restriction | NPS | Mathews |
| VAP-C04E | Milford Haven: Edwards Creek | 0.05 | VDH Shellfish Restriction | Unknown | Mathews |
| VAP-C04E | North River | 0.36 | VDH Shellfish Restriction | NPS | Gloucester |
| VAP-C04E | Put In Creek | 0.09 | VDH Shellfish Restriction | PS/NPS | Mathews |
| VAP-C04E | Queens Creek | 0.17 | VDH Shellfish Restriction | NPS | Mathews |
| VAP-C05E | Fox Mill Run | 0.08 | VDH Shellfish Restriction | NPS | Gloucester |
| VAP-C05E | Ware River | 0.26 | VDH Shellfish Restriction | NPS | Gloucester |
| VAP-C05E | Ware River | 0.03 | VDH Shellfish Restriction | NPS | Gloucester |
| VAP-C06E | Browns Bay | 0.02 | VDH Shellfish Restriction | NPS | Gloucester |
| VAP-C06E | Monday Creek | 0.09 | VDH Shellfish Restriction | NPS | Gloucester |
| VAP-C06E | Northwest Branch | 0.33 | VDH Shellfish Restriction | NPS | Gloucester |
| VAP-C06E | Severn River, Southwest Branch, Heywood Creek | 0.17 | VDH Shellfish Restriction | NPS | Gloucester |

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VIRGINIA DEPARTMENT of ENVIRONMENTAL QUALITY
1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

CHES BAY/ATL/SM COASTAL

| HUC and Watershed ID | Stream Name | Segment Size (sq - mi) | Parameter | Source of Impairment | City/County |
|---|---|---|---|---|---|
| VAP-C06E | Severn River: Free School Creek | 0.07 | VDH Shellfish Restriction | NPS | Gloucester |
| VAP-C06E | Severn River: Southwest Br,Thorntons Creek | 0.09 | VDH Shellfish Restriction | NPS | Gloucester |
| VAP-C06E | Vaughans Creek | 0.12 | VDH Shellfish Restriction | NPS | Gloucester |
| **02080107** | | | | | |
| VAT-C07E | Back Creek - York County | 0.30 | VDH Shellfish Restriction | NPS | York |
| **02080108** | | | | | |
| VAT-C07E | Back River - Marina Cove Boat Basin, etc. | 0.19 | VDH Seasonal Condemnation | Unknown | Hampton |
| VAT-C07E | Back River: Front Cove | 0.08 | VDH Shellfish Restriction | NPS | Poquoson |
| VAT-C07E | Back River: Long and Crunland Creeks | 0.15 | VDH Shellfish Restriction | NPS | Hampton |
| VAT-C07E | Bennett Creek | 0.04 | VDH Shellfish Restriction | NPS | Poquoson |
| VAT-C07E | Bennett Creek - Poquoson Marina | 0.19 | VDH Seasonal Condemnation | Unknown | Poquoson |
| VAT-C07E | Cedar Creek | 0.05 | VDH Shellfish Restriction | NPS | Poquoson |
| VAT-C07E | Chesapeake Bay - Southall Landing | 0.19 | VDH Seasonal Condemnation | Unknown | Hampton |
| VAT-C07E | Chisman Creek | 0.46 | VDH Shellfish Restriction | NPS | York |
| VAT-C07E | Chisman Creek - Wildey Marina | 0.19 | VDH Seasonal Condemnation | Unknown | York |
| VAT-C07E | Easton Cove | 0.05 | VDH Shellfish Restriction | NPS | Poquoson |
| VAT-C07E | Front Cove - Boating Activity | 0.19 | VDH Seasonal Condemnation | Unknown | Poquoson |
| VAT-C07E | Harris River | 0.38 | VDH Shellfish Restriction | NPS | Hampton |
| VAT-C07E | Inlet | 0.01 | VDH Shellfish Restriction | NPS | Hampton |
| VAT-C07E | Lambs Creek | 0.15 | VDH Shellfish Restriction | NPS | York |
| VAT-C07E | Lyons Creek | 0.11 | VDH Shellfish Restriction | NPS | Poquoson |
| VAT-C07E | Northwest Branch | 0.30 | VDH Shellfish Restriction | NPS | Hampton |



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## PART I - IMPAIRED WATERS - SHELLFISH
## VIRGINIA DEPARTMENT of ENVIRONMENTAL QUALITY
## 1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

### CHES BAY/ATL/SM COASTAL

| HUC and Watershed ID | Stream Name | Segment Size (sq - mi) | Parameter | Source of Impairment | City/County |
|---|---|---|---|---|---|
| VAT-C07E | Patricks Creek | 0.11 | VDH Shellfish Restriction | NPS | York |
| VAT-C07E | Poquoson River | 0.40 | VDH Shellfish Restriction | NPS | York |
| VAT-C07E | Roberts Creek | 0.03 | VDH Shellfish Restriction | NPS | Poquoson |
| VAT-C07E | Southwest Branch | 1.20 | VDH Shellfish Restriction | NPS | Hampton |
| VAT-C07E | Tabbs Creek | 0.08 | VDH Shellfish Restriction | NPS | Hampton |
| VAT-C07E | Topping Creek | 0.04 | VDH Shellfish Restriction | NPS | Poquoson |
| VAT-C07E | Wallace Creek | 0.04 | VDH Shellfish Restriction | PS/NPS | Hampton |
| VAT-C07E | White House Cove | 0.13 | VDH Shellfish Restriction | NPS | Poquoson |
| VAT-C08E | Chesapeake Bay - Adjoining Little Creek | 1.35 | VDH Shellfish Restriction | PS/NPS | Virginia Beach |
| VAT-C08E | Dey Cove/Mill Dam Creek | 0.07 | VDH Shellfish Restriction | NPS | Virginia Beach |
| VAT-C08E | Linkhorn Bay | 1.24 | VDH Shellfish Restriction | NPS | Virginia Beach |
| VAT-C08E | Long Creek | 0.41 | VDH Shellfish Restriction | NPS | Virginia Beach |
| VAT-C08E | Lynnhaven River and Bay | 4.05 | VDH Shellfish Restriction | NPS | Virginia Beach |
| **02080109** | | | | | |
| VAT-C09E<br>VAT-C10E | Pocomoke Sound and Pocomoke River | 2.88 | VDH Shellfish Restriction | NPS | Accomack |
| VAT-C10E | Bagwell Creek | 0.18 | VDH Shellfish Restriction | NPS | Accomack |
| VAT-C10E | Deep Creek | 0.55 | VDH Shellfish Restriction | NPS | Accomack |
| VAT-C10E | Doe Creek | 0.17 | VDH Shellfish Restriction | NPS | Accomack |
| VAT-C10E | Guilford Creek | 0.11 | VDH Shellfish Restriction | NPS | Accomack |
| VAT-C10E | Hunting Creek | 0.22 | VDH Shellfish Restriction | NPS | Accomack |
| VAT-C10E | Messongo Creek | 0.18 | VDH Shellfish Restriction | PS/NPS | Accomack |
| VAT-C10E | Starling Creek | 0.08 | VDH Shellfish Restriction | NPS | Accomack |
| **02080101** | | | | | |
| VAT-C10E | Tangier Island | 1.67 | VDH Shellfish Restriction | PS/NPS | Accomack |
| **02080109** | | | | | |
| VAT-C10E | Young Creek | 0.07 | VDH Shellfish Restriction | NPS | Accomack |
| VAT-C11E | Cedar Creek | 0.06 | VDH Shellfish Restriction | NPS | Accomack County |

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### CHES BAY/ATL/SM COASTAL

| HUC and Watershed ID | Stream Name | Segment Size (sq - mi) | Parameter | Source of Impairment | City/County |
|---|---|---|---|---|---|
| VAT-C11E | Chesconessex Creek | 0.19 | VDH Shellfish Restriction | NPS | Accomack |
| VAT-C11E | Finneys Creek | 0.10 | VDH Shellfish Restriction | NPS | Accomack County |
| VAT-C11E | Matchotank Creek | 0.15 | VDH Shellfish Restriction | NPS | Accomack |
| VAT-C11E | Onancock Creek | 0.45 | VDH Shellfish Restriction | PS/NPS | Accomack County |
| VAT-C11E | Parkers Creek | 0.09 | VDH Shellfish Restriction | PS/NPS | Accomack County |
| VAT-C11E | Parkers Creek - Russells Marina | 0.01 | VDH Seasonal Condemnation | Unknown | Accomack |
| VAT-C12E | Pungoteague Creek | 0.37 | VDH Shellfish Restriction | PS/NPS | Accomack |
| VAT-C12E | Pungoteague Creek - Public Dock at Harborton | 0.04 | VDH Seasonal Condemnation | Unknown | Accomack |
| VAT-C12E | Taylor Creek | 0.17 | VDH Shellfish Restriction | NPS | Accomack |
| VAT-C12E | Underhill Creek | 0.07 | VDH Shellfish Restriction | NPS | Accomack |
| VAT-C13E | Butcher Creek | 0.08 | VDH Shellfish Restriction | NPS | Accomac |
| VAT-C13E | Church Creek | 0.11 | VDH Shellfish Restriction | NPS | Northampton |
| VAT-C13E | Craddock Creek - Part A | 0.06 | VDH Shellfish Restriction | NPS | Accomack |
| VAT-C13E | Craddock Creek - Part B | 0.08 | VDH Shellfish Restriction | NPS | Accomack |
| VAT-C13E | Holly Grove Cove | 0.14 | VDH Shellfish Restriction | NPS | Northampton |
| VAT-C13E | McLean Gut | 0.00 | VDH Shellfish Restriction | NPS | Accomack |
| VAT-C13E | Nandua Creek | 0.00 | VDH Shellfish Restriction | NPS | Accomack |
| VAT-C13E | Nandua Creek: Back Creek | 0.03 | VDH Shellfish Restriction | NPS | Accomack |
| VAT-C13E | Nassawadox Creek | 0.25 | VDH Shellfish Restriction | NPS | Northampton |
| VAT-C13E | Nassawadox Creek - Bayford Oyster Company | 0.05 | VDH Seasonal Condemnation | Unknown | Northampton |
| VAT-C13E | Occohannock Creek | 0.46 | VDH Shellfish Restriction | NPS | Accomack |
| VAT-C13E | Occohannock Creek - R.P. Melson | 0.05 | VDH Seasonal Condemnation | Unknown | Accomack |

## PART I - IMPAIRED WATERS - SHELLFISH
## VIRGINIA DEPARTMENT of ENVIRONMENTAL QUALITY
## 1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

### CHES BAY/ATL/SM COASTAL

| HUC and Watershed ID | Stream Name | Segment Size (sq - mi) | Parameter | Source of Impairment | City/County |
|---|---|---|---|---|---|
| VAT-C13E | Warehouse Creek | 0.31 | VDH Shellfish Restriction | PS/NPS | Northampton |
| VAT-C14E | Barlow Creek | 0.03 | VDH Shellfish Restriction | NPS | Northampton |
| VAT-C14E | Hungar Creek | 0.29 | VDH Shellfish Restriction | NPS | Northampton |
| VAT-C14E | Jacobus Creek | 0.36 | VDH Shellfish Restriction | PS/NPS | Northampton |
| VAT-C14E | Mattawoman Creek | 0.23 | VDH Shellfish Restriction | NPS | Northampton |
| VAT-C14E | The Gulf | 0.35 | VDH Shellfish Restriction | NPS | Northampton |
| VAT-C14E | Westerhouse Creek - Part A | 0.02 | VDH Shellfish Restriction | NPS | Northampton |
| VAT-C14E | Westerhouse Creek - Part B | 0.04 | VDH Shellfish Restriction | NPS | Northampton |
| VAT-C15E | Cherrystone Inlet: Kings Creek | 0.10 | VDH Shellfish Restriction | NPS | Northampton |
| VAT-C15E | Kings Creek - Kings Creek Marina | 0.10 | VDH Seasonal Condemnation | Unknown | Northampton |
| VAT-C16E VAT-C15E | Chesapeake Bay, Opposite Cape Charles | 0.36 | VDH Shellfish Restriction | PS/NPS | Northampton |
| VAT-C16E | Old Plantation Creek | 0.04 | VDH Shellfish Restriction | NPS | Northampton |
| **02060010** | | | | | |
| VAT-D01E | Andrews Landing Gut | 0.03 | VDH Shellfish Restriction | NPS | Accomack |
| VAT-D01E | Assateague Channel/Sheepshead Creek | 0.23 | VDH Shellfish Restriction | NPS | Accomack |
| VAT-D01E | Black Point Drain | 0.05 | VDH Shellfish Restriction | NPS | Accomack |
| VAT-D01E | Chincoteague Channel/Fowling Gut | 0.59 | VDH Shellfish Restriction | PS/NPS | Accomack |
| VAT-D01E | Cockle Creek | 0.26 | VDH Shellfish Restriction | PS/NPS | Accomac |
| VAT-D01E | Drainage ditch | 0.01 | VDH Shellfish Restriction | NPS | Accomack |
| VAT-D01E | Greenbackville Harbor | 0.02 | VDH Shellfish Restriction | NPS | Accomack |
| VAT-D01E | Little Mosquito Creek | 0.08 | VDH Shellfish Restriction | PS/NPS | Accomack |

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VIRGINIA DEPARTMENT of ENVIRONMENTAL QUALITY
1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

CHES BAY/ATL/SM COASTAL

| HUC and Watershed ID | Stream Name | Segment Size (sq - mi) | Parameter | Source of Impairment | City/County |
|---|---|---|---|---|---|
| VAT-D01E | Swans Gut Creek | 0.14 | VDH Shellfish Restriction | NPS | Accomack |
| **02080110** | | | | | |
| VAT-D01E | The Canal - Curtis Merrit Harbor of Refuge | 0.01 | VDH Seasonal Condemnation | Unknown | Accomack |
| **02060010** | | | | | |
| VAT-D01E | Toms Cove Boat Basin | 0.01 | VDH Shellfish Restriction | NPS | Accomack |
| VAT-D02E | Assawoman Creek and Womans Bay | 0.40 | VDH Shellfish Restriction | NPS | Accomack |
| **02080110** | | | | | |
| VAT-D03E | Folly Creek | 0.29 | VDH Shellfish Restriction | NPS | Accomack |
| VAT-D03E | Parker Creek | 0.05 | VDH Shellfish Restriction | PS/NPS | Accomack |
| VAT-D03E | Wachapreague Channel/Finney Creek - Wachapreague Waterfront | 0.08 | VDH Seasonal Condemnation | Unknown | Accomack |
| VAT-D04E | Machipongo River - Virginia Landing Corporation | 0.34 | VDH Seasonal Condemnation | Unknown | Accomack |
| VAT-D04E | Parting Creek - Willis Wharf Waterfront | 0.34 | VDH Seasonal Condemnation | Unknown | Northampton |
| VAT-D04E | Red Bank Creek | 0.04 | VDH Shellfish Restriction | NPS | Northampton |
| VAT-D04E | Upshur Bay - Quinby Public Harbor | 0.34 | VDH Seasonal Condemnation | Unknown | Accomack |
| VAT-D05E | Oyster Harbor | 0.06 | VDH Shellfish Restriction | NPS | Northampton |



AR0011772

## Part II - Water Quality Based Effluent Limits
## 1998 303(d) Priority List and Report
## Virginia Department of Environmental Quality

The "water quality limited" waters contained in this part of the 303(d) list receive the effluent flow from waste water treatment plants which will be installing advanced treatment to maintain or attain water quality in the receiving streams or to achieve the requirements of antidegradation. The listing of waters in this section is based solely on water quality based effluent limitations (which are not in place) in VPDES permits for the treatment facility. Waters receiving effluent from plants which are expected to maintain water quality in the stream with technology based effluent controls for secondary treatment or best practicable control technology do not require TMDLs and are not included in this list. Receiving streams are not listed in this section for TMDL development where quality based controls are in place and water quality standards are being maintained. In cases where the receiving stream is defined as impaired and the source of the impairment is attributed to the effluent of the treatment plants, the waters are listed in Parts I and II of this report.

Waters will not be defined as water quality limited and placed in Parts I or II of this report based solely on violations of VPDES permit effluent limits. Not all violations permit effluent limits result in an impairment of the water receiving the effluent. Also, violations of the permit effluent limits is an enforcement rather than a TMDL issue. However, if monitoring of the receiving water shows an impairment as the result of the permit violations or some other treatment problems, the water will be placed in Part I.

EPA Region III 303(d) guidance provides a number of exceptions for listing waters based on water quality based effluent limits contained in the VPDES permit.

- Waters where the treatment plant has implemented the water quality based effluent limits and water quality in the receiving stream is maintained.
- A TMDL has been developed and approved by EPA.

Following are the waters on Virginia's 303(d) list which receive effluent flow from waste water treatment plants which have water quality based controls in their VPDES permits and the limits are not currently in place. Also, there are fact sheets available (upon request) which provide additional information on the location of the waters.



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PART II - WATER QUALITY BASED EFFLUENT LIMITS WATERS
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

| HUC and Watershed ID | Stream Name | Stream Segment* (miles/sq mi) | Parameter | City/County | TMDL Developement Date |
|---|---|---|---|---|---|
| **SMALL COASTAL AND CHESAPEAKE BAY BASIN** | | | | | |
| **02060009** | | | | | |
| VAT-C09R | Tunnels Mill Branch, UT | 0.2-0.2 | CBOD,TKN ,D.O. | Accomack | 2001- 2003 |
| VAT-D01R | Little Mosquito Creek, UT | 3.0-3.0 | CBOD,TKN. | Accomack | 2001- 2003 |
| **POTOMAC AND SHENANDOAH RIVER BASIN** | | | | | |
| **02070001** | | | | | |
| VAV-B02R | West Strait Creek | 3.85-MZ | NH3-N | Highland | 2001- 2003 |
| **02070004** | | | | | |
| VAV-B05R | Back Creek X Trib | 0.40-MZ | NH3-N | Frederick | 1998- 2000 |
| VAV-B09R | Lick Run | 0.80-MZ | NH3-N | Frederick | 2001- 2003 |
| VAV-B09R | Littlers Run (Hot Run) | 3.22-MZ | NH3-N | Frederick | 2001- 2003 |
| **02070005** | | | | | |
| VAV-B14R | Christians Creek | 12.36-MZ | NH3-N | Augusta | 1998- 2000 |
| VAV-B14R | Christians Creek X Trib | 0.76-MZ | NH3-N | Augusta | 2001- 2003 |
| VAV-B14R | Christians Creek X Trib | 1.99-MZ | NH3-N | Augusta | 2001- 2003 |
| VAV-B14R | Christians Creek X Trib | 1.20-MZ | NH3-N | Augusta | 2001- 2003 |
| VAV-B22R | Muddy Creek | 3.70-MZ | WET | Rockingham | 1998- 2000 |
| VAV-B22R | Muddy Creek | 5.52-MZ | NH3-N | Rockingham | 1998- 2000 |
| VAV-B30R | South River - X Trib | 1.00-0.00 | BOD5,TKN | Augusta | 2001- 2003 |
| VAV-B32R | Porterfield Run X Trib | 0.35-MZ | NH3-N | Augusta | 1998- 2000 |
| VAV-B37R | Foltz Creek X Trib | 0.40-0.30 | NH3-N, DO, BOD | Rockingham | 2001- 2003 |
| VAV-B37R | S.F. Shenandoah River | 88.09-MZ | NH3-N | Rockingham | 1998- 2000 |
| VAV-B41R | Dry Run | 2.56-MZ | NH3-N | Warren | 2001- 2003 |

*** Watershed IDs ending in E are estuaries and thus stream segments are in square miles.**

PART II - WATER QUALITY BASED EFFLUENT LIMITS WATERS
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

| HUC and Watershed ID | Stream Name | Stream Segment* (miles/sq mi) | Parameter | City/County | TMDL Developement Date |
|---|---|---|---|---|---|
| 02070006 | | | | | |
| VAV-B44R | N.F. Shenandoah R X Trib | 0.26-MZ | NH3-N | Rockingham | 2001- 2003 |
| VAV-B45R | N.F. Shenandoah River | 87.55-MZ | NH3-N,Cl,CN | Rockingham | 1998- 2000 |
| VAV-B45R | N.F. Shenandoah River | 88.80-MZ | NH3-N | Rockingham | 2001- 2003 |
| VAV-B47R | Dry Fork - UT | 8.29-MZ | NH3-N | Rockingham | 1998- 2000 |
| VAV-B47R | Smith Creek-UT | 0.38-MZ | NH3-N | Rockingham | 1998- 2000 |
| VAV-B49R | Stony Creek X Trib | 0.59-MZ | NH3-N | Shenandoah | 2001- 2003 |
| VAV-B53R | Cedar Creek | 16.09-MZ | NH3-N | Shenandoah | 1998- 2000 |
| VAV-B53R | Meadow Brook | 2.19-MZ | NH3-N | Frederick | 2001- 2003 |
| 02070007 | | | | | |
| VAV-B56R | Crooked Run X Trib | 3.26-MZ | NH3-N | Frederick | 1998- 2000 |
| VAV-B56R | Crooked Run X Trib1 | 0.02-MZ | NH3-N | Clarke | 2001- 2003 |
| VAV-B56R | Crooked Run X Trib1 | 0.02-0.00 | BOD, DO | Frederick | 1998- 2000 |
| VAV-B56R | Crooked Run X Trib2 | 3.13-2.94 | BOD, DO | Clarke | 2001- 2003 |
| VAV-B58R | Shenandoah River | 24.23-MZ | NH3-N | Clarke | 2001- 2003 |
| 02070008 | | | | | |
| VAN-A02R | South Fork Catoctin Creek-UT | 1.71-MZ | NH3-N | Loudoun | 1998- 2000 |
| VAN-A03R | Clark's Run | 4.62-MZ | NH3-N | Loudoun | 1998- 2000 |
| VAN-A03R | Clark's Run | 3.96-MZ | NH3-N | Loudoun | 1998- 2000 |
| VAN-A03R | Limestone Branch-UT | 0.39-MZ | NH3-N | Loudoun | 1998- 2000 |
| VAN-A03R | Limestone Branch-UT | 1.33-MZ | NH3-N | Loudoun | 1998- 2000 |
| VAN-A05R | Wancopin Creek | 3.07-MZ | NH3-N | Loudoun | 2001- 2003 |

*** Watershed IDs ending in E are estuaries and thus stream segments are in square miles.**

## PART II - WATER QUALITY BASED EFFLUENT LIMITS WATERS
## VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
## 1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

| HUC and Watershed ID | Stream Name | Stream Segment* (miles/sq mi) | Parameter | City/County | TMDL Developement Date |
|---|---|---|---|---|---|
| VAN-A06R | North Fork Goose Creek | 12.42-MZ | TKN | Loudoun | 2001- 2003 |
| VAN-A06R | North Fork Goose Creek-UT | 1.48-MZ | NH3-N | Loudoun | 1998- 2000 |
| VAN-A07R | Beaverdam Creek-UT | 0.60-MZ | NH3-N, pH | Loudoun | 2001- 2003 |
| VAN-A08R | Sycolin Creek | 0.00-MZ | TKN | Loudoun | 1998- 2000 |
| VAN-A09R | Beaverdam Run-UT | 0.30-MZ | NH3-N | Loudoun | 2001- 2003 |
| **02070010** | | | | | |
| VAN-A12E | Four Mile Run | MZ | NH3-N | Arlington | 1998- 2000 |
| VAN-A13E | Hunting Creek | MZ | NH3-N | Alexandria | 1998- 2000 |
| VAN-A15R | Daniels Run-UT | 0.57-MZ | Benzene, Toluene, | Fairfax | 1998- 2000 |
| VAN-A16R | Pohick Creek | 4.79-MZ | NH3-N | Fairfax | 1998- 2000 |
| VAN-A18R | Cedar Run-UT | 0.26-MZ | NH3-N | Prince William | 1998- 2000 |
| VAN-A18R | Slate Run | 4.15-MZ | NH3-N | Prince William | 1998- 2000 |
| VAN-A19R | Broad Run | 15.87-MZ | TRC | Prince William | 1998- 2000 |
| VAN-A19R | Broad Run-UT | 2.28-MZ | NH3-N | Fauquier | 2001- 2003 |
| VAN-A19R | Broad Run-UT | 2.19-MZ | NH3-N | Fauquier | 1998- 2000 |
| VAN-A24R | Marumsco Creek-UT | 0.98-MZ | NH3-N | Prince William | 2001- 2003 |
| VAN-A25E | Neabsco Creek | MZ | NH3-N | Prince William | 1998- 2000 |
| VAN-A25R | Massey Creek | 0.76-MZ | NH3-N | Fairfax | 1998- 2000 |
| VAN-A25R | Mills Branch | 0.23-MZ | NH3-N | Fairfax | 1998- 2000 |
| VAN-A25R | Neabsco Creek | 0.04-MZ | NH3-N | Prince William | 1998- 2000 |
| VAN-A25R | Neabsco Creek | 9.15-MZ | NH3-N | Prince William | 1998- 2000 |
| VAN-A25R | South Branch Massey Creek | 1.11-MZ | NH3-N | Fairfax | 1998- 2000 |
| **02070011** | | | | | |
| VAN-A26R | Potomac River (Bight) | 80.59-MZ | NH3-N | Prince William | 1998- 2000 |
| VAN-A26R | South Fork Quantico | 0.32-MZ | NH3-N | Prince William | 1998- 2000 |

*** Watershed IDs ending in E are estuaries and thus stream segments are in square miles.**

PART II - WATER QUALITY BASED EFFLUENT LIMITS WATERS
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

| HUC and Watershed ID | Stream Name | Stream Segment* (miles/sq mi) | Parameter | City/County | TMDL Developement Date |
|---|---|---|---|---|---|
| | Creek-UT | | | | |
| VAN-A28R | Austin Run-UT | 0.14-MZ | NH3-N | Stafford | 1998- 2000 |
| VAN-A30R | Upper Machodoc Creek | 18.06-MZ | NH3-N | King George | 1998- 2000 |
| VAP-A32R | Reeds Swamp | 1.19-MZ | NH3-N | Westmoreland | 1998- 2000 |
| VAP-A32R | Scates Branch | 1.39-MZ | NH3-N | Westmoreland | 1998- 2000 |
| VAP-A33E | Lodge Creek, UT | MZ | NH3-N | Northumberland | 1998- 2000 |
| **SMALL COASTAL AND CHESAPEAKE BAY BASIN 02080102** | | | | | |
| VAP-C01E | Cockrell Creek | MZ | NH3-N, Cyanide | Northumberland | 1998- 2000 |
| VAP-C01E | Cockrell Creek | MZ | NH3-N, Cyanide | Northumberland | 1998- 2000 |
| VAP-C01E | Indian Creek | MZ | BOD5, NH3-N | Lancaster | 1998- 2000 |
| **RAPPAHANNOCK RIVER BASIN 02080103** | | | | | |
| VAN-E01R | Hickman Run - UT | 0.15-MZ | NH3-N | Rappahannock | 1998- 2000 |
| VAN-E01R | West Br. Thumb Run - UT | 0.28-MZ | TKN | Fuaquier | 2001- 2003 |
| VAN-E02R | Carter Run - UT | 0.48-0.45 | D.O. | Fauquier | 2001- 2003 |
| VAN-E02R | Great Run - UT | 1.84-MZ | NH3-N, DDT, Endrin | Fauquier | 1998- 2000 |
| VAN-E02R | Rappahannock R. - UT | 0.76-MZ | NH3-N | Culpeper | 1998- 2000 |
| VAN-E05R | Covington R. - UT | 0.05-MZ | NH3-N | Rappahannock | 1998- 2000 |
| VAN-E05R | Thornton R. | 22.15-MZ | | Rappahannock | 1998- 2000 |
| VAN-E08E | Harpers Run - UT | MZ | NH3-N | Fauquier | 1998- 2000 |
| VAN-E08R | Hubbard Run | 2.30-MZ | NH3-N | Culpeper | 1998- 2000 |
| VAN-E08R | Tin Pot Run - UT | 1.22-MZ | TKN | Fauquier | 1998- 2000 |
| VAN-E08R | Tin Pot Run - UT | 0.69-MZ | NH3-N | Fauquier | 1998- 2000 |
| VAN-E09R | Jonas Run - UT | 0.76-MZ | NH3-N | Culpeper | 2001- 2003 |
| VAN-E13R | Rapidan R. | 47.2-MZ | NH3-N | Orange | 1998- 2000 |

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PART II - WATER QUALITY BASED EFFLUENT LIMITS WATERS
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

| HUC and Watershed ID | Stream Name | Stream Segment* (miles/sq mi) | Parameter | City/County | TMDL Developement Date |
|---|---|---|---|---|---|
| VAN-E13R | Rapidan R. - UT | 0.35-MZ | NH3-N | Madison | 1998- 2000 |
| VAN-E15R | Great Run - UT | 1.45-MZ | NH3-N | Madison | 1998- 2000 |
| VAN-E15R | Little Dark Run | 2.12-MZ | NH3-N | Madison | 1998- 2000 |
| VAN-E16R | Meadowbrook Run - UT | 1.92-MZ | NH3-N | Culpeper | 1998- 2000 |
| VAN-E17R | Mountain Run - UT | 1.50-MZ | Cu | Orange | 1998- 2000 |
| VAN-E19R | Horsepen Run | 0.42-MZ | NH3-N | Stafford | 2001- 2003 |
| **02080104** | | | | | |
| VAN-E20E | Rappahannock River | MZ | TRC | Spotsylvania | 1998- 2000 |
| VAN-E20R | Massaponax Cr. - UT | 0.44-MZ | NH3-N | Spotsylvania | 1998- 2000 |
| VAN-E20R | Massaponax Cr. - UT | 0.12-MZ | TKN | Spotsylvania | 1998- 2000 |
| VAN-E21E | Skinkers Cr. | MZ | NH3-N | Caroline | 1998- 2000 |
| VAN-E21R | Mill Cr. - UT | 1.86-MZ | NH3-N | Caroline | 1998- 2000 |
| VAP-E23R | Porters Meadow, Chandlers Pond | 0.20-MZ | NH3-N | Westmoreland | 1998- 2000 |
| VAP-E24E | Totuskey Creek, UT | MZ | NH3-N | Richmond | 2001- 2003 |
| **YORK RIVER BASIN** | | | | | |
| **02080105** | | | | | |
| VAN-F15R | Ni River | 9.20-MZ | NH3-N | Spotsylvania | 1998- 2000 |
| VAN-F15R | Ni River | 12.59-MZ | NH3-N | Spotsylvania | 1998- 2000 |
| VAN-F16R | Po River | 5.37-MZ | NH3-N | Spotsylvania | 1998- 2000 |
| VAN-F16R | Po River - UT | 1.13-MZ | NH3-N | Spotsylvania | 1998- 2000 |
| VAN-F16R | Po River - UT | 0.13-MZ | NH3-N | Spotsylvania | 2001- 2003 |
| VAN-F17R | Maracossic Cr. - UT | 2.60-MZ | NH3-N | Caroline | 2001- 2003 |
| VAN-F18R | Mat River - UT | 1.02-MZ | NH3-N | Spotsylvania | 2001- 2003 |
| VAN-F19R | Motto River - UT | 3.10-MZ | NH3-N | Caroline | 1998- 2000 |

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PART II - WATER QUALITY BASED EFFLUENT LIMITS WATERS
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

| HUC and Watershed ID | Stream Name | Stream Segment* (miles/sq mi) | Parameter | City/County | TMDL Developement Date |
|---|---|---|---|---|---|
| VAN-F19R | South River | 10.68-MZ | NH3-N | Caroline | 1998- 2000 |
| VAN-F19R | South River - UT | 0.12-MZ | NH3-N | Caroline | 2001- 2003 |
| VAN-F20R | Polecat Creek | 5.86-MZ | NH3-N, TKN, Total | Caroline | 2001- 2003 |
| VAN-F21R | Herring Cr. - UT | 0.28-MZ | NH3-N | Caroline | 1998- 2000 |
| VAN-F22R | Maracossic Cr. - UT | 0.61-MZ | NH3-N | Caroline | 2001- 2003 |
| **02080106** | | | | | |
| VAV-F01R | South Anna River - UT | 0.23-MZ | Cu | Orange | 2001- 2003 |
| VAV-F02R | Beaver Creek | 5.93-MZ | NH3-N | Louisa | 1998- 2000 |
| VAV-F02R | Polecat Creek | 0.30-0.00 | BOD5,TKN | Louisa | 2001- 2003 |
| VAP-F04R | Stagg Creek, UT | 0.38-MZ | NH3-N | Hanover | 1998- 2000 |
| VAV-F06R | Goldmine Creek X Trib | 1.42-MZ | NH3-N | Louisa | 2001- 2003 |
| **SMALL COASTAL AND CHESAPEAKE BAY BASIN** | | | | | |
| **02080108** | | | | | |
| VAT-C08E | Little Creek Cove, UT | MZ | PCB-1260 | Norfolk | 2001- 2003 |
| VAT-C08E | Little Creek Cove, UT | MZ | Aldrin | Norfolk | 2001- 2003 |
| **02080109** | | | | | |
| VAT-C10R | Deep Creek, UT | 0.40-MZ | CBOD, TKN | Accomack | 2001- 2003 |
| VAT-C10R | Sandy Bottom Branch, UT | 1.40-MZ | NH3-N | Accomack | 2001- 2003 |
| VAT-C11E | Onancock Creek, N Br. | MZ | NH3-N | Accomack | 2001- 2003 |
| VAT-C16E | Cape Charles Harbor | MZ | NH3-N | Northampton | 2001- 2003 |
| **02080110** | | | | | |
| VAT-D03R | Parker Creek | 5.0-MZ | NH3-N, Cyanide | Accomack | 2001- 2003 |
| VAT-D03R | Parker Creek, NF | 3.2-MZ | NH3-N, TKN | Accomack | 2001- 2003 |
| **JAMES RIVER BASIN** | | | | | |
| **02080201** | | | | | |
| VAW-I04R | Jackson River | 24.64--13.29 | Dissolved Oxygen, General | Covington City | 2001- 2003 |

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## PART II - WATER QUALITY BASED EFFLUENT LIMITS WATERS
## VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
## 1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

| HUC and Watershed ID | Stream Name | Stream Segment* (miles/sq mi) | Parameter | City/County | TMDL Developement Date |
|---|---|---|---|---|---|
| VAW-I07R | Jerry's Run | 6.72-MZ | Dissolved Oxygen, NH3-N | Alleghany | 2001- 2003 |
| VAW-I09R | Jackson River | 19.03-13.29 | Dissolved Oxygen, General | Covington City, Alleghany | 2001- 2003 |
| VAW-I09R | Jackson River | 13.29-3.46 | General Standard | Clifton Forge City, Alleghany | 2001- 2003 |
| VAW-I09R | Jackson River | 3.46-0.00 | General Standard | Clifton Forge City, Alleghany | 2001- 2003 |
| VAW-I18R | James River | 346.49-335.55 | General Standard | Botetourt | 2001- 2003 |
| VAW-I24R | Eagle Rock Creek | 0.08-MZ | NH3-N | Botetourt | 2001- 2003 |
| VAW-I24R | James River | 335.55-326.29 | General Standard | Botetourt | 2001- 2003 |
| VAW-I25R | Catawba Creek | 24.03-MZ | NH3-N | Botetourt | 2001- 2003 |
| VAW-I25R | Crooked Run | 0.83-MZ | NH3-N DO | Botetourt | 2001- 2003 |
| **02080202** | | | | | |
| VAV-I30R | Cabin Creek | 1.80-MZ | NH3-N | Bath | 2001- 2003 |
| VAV-I36R | Moores Creek | 2.59-MZ | NH3-N | Rockbridge | 1998- 2000 |
| **02080203** | | | | | |
| VAW-H02R | James River | 277.57-MZ | NH3-N | Amherst, Bedford | 2001- 2003 |
| VAW-H05R | James River | 250.12-MZ | NH3-N | Campbell | 2001- 2003 |
| VAV-H14R | Rucker Run X Trib | 0.40-MZ | NH3-N | Nelson | 2001- 2003 |
| VAV-H14R | Town Creek X Trib | 1.16-MZ | NH3-N | Nelson | 2001- 2003 |
| VAP-H20R | Bear Garden Creek, UT | 0.80-MZ | NH3-N | Buckingham | 2001- 2003 |
| VAP-H22R | Turpin Creek | 5.72-MZ | Cu, Zn | Buckingham | 2001- 2003 |
| **02080204** | | | | | |
| VAV-H26R | Naked Creek X Trib | 0.68-MZ | NH3-N | Albemarle | 2001- 2003 |
| VAV-H27R | Chesley Creek | 0.60-0.00 | NH3-N, DO, CBOD5 | Greene | 2001- 2003 |
| VAV-H28R | Biscuit Run | 0.68-MZ | NH3-N | Albemarle | 2001- 2003 |
| VAV-H31R | Judy Creek X-trib | 2.51-2.01 | NH3-N,CBOD5 | Fluvanna | 2001- 2003 |
| VAV-H31R | Williams Creek X-Trib | 2.29-MZ | NH3-N | Fluvanna | 2001- 2003 |

*** Watershed IDs ending in E are estuaries and thus stream segments are in square miles.**

PART II - WATER QUALITY BASED EFFLUENT LIMITS WATERS
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

| HUC and Watershed ID | Stream Name | Stream Segment* (miles/sq mi) | Parameter | City/County | TMDL Developement Date |
|---|---|---|---|---|---|
| 02080205 | | | | | |
| VAP-H33R | Stegers Creek, UT | 0.77-MZ | NH3-N | Powahatan | 2001- 2003 |
| VAP-H38R | James River, UT | 0.06-MZ | NH3-N | Goochland | 2001- 2003 |
| 02080206 | | | | | |
| VAP-G03E | Gravelly Run | MZ | NH3-N | Hopewell, City of | 1998- 2000 |
| VAP-G03E | James River (Gravelly Run) | MZ | NH3-N | Hopewell, City of | 1998- 2000 |
| VAP-G03E | James River (Poythress Run) | MZ | NH3-N | Hopewell, City of | 1998- 2000 |
| VAP-G03R | Mike Run, UT | 0.46-MZ | NH3-N | Prince George | 1998- 2000 |
| VAP-G05R | Chickahominy River, UT | 1.49-MZ | Cu | Hanover | 1998- 2000 |
| VAT-G11E | James River | MZ | NH3-N | Newport News | 2001- 2003 |
| VAT-G11E | James River | MZ | Pentachloro-phenol | Newport News | 2001- 2003 |
| VAT-G11R | Cypress Creek | 4.6-MZ | CBOD,TKN | Isle of Wight | 2001- 2003 |
| VAT-G11R | Jones Creek | 5.8-MZ | NH3-N | Isle of Wight | 2001- 2003 |
| VAT-G11R | Wood Creek-UT | 0.4-MZ | Cu,Pb,Ni,Zn, Cyanide | James City | 2001- 2003 |
| VAT-G12R | Sadler Pond-UT | 0.8-MZ | NH3-N | Suffolk | 2001- 2003 |
| 02080207 | | | | | |
| VAP-J07R | Fighting Creek, UT | 1.00-MZ | NH3-N | Powhatan | 1998- 2000 |
| VAP-J11R | Deep Creek, UT | 2.13-MZ | NH3-N | Nottoway | 1998- 2000 |
| VAP-J17R | Piney Branch | 2.41-MZ | NH3-N | Chesterfield | 1998- 2000 |
| VAP-J17R | Swift Creek, UT | 1.00-MZ | NH3-N | Chesterfield | 1998- 2000 |
| 02080208 | | | | | |
| VAT-G15E | Elizabeth River, E Br. | MZ | Tributyltin | Norfolk | 2001- 2003 |
| VAT-G15E | Elizabeth River, S Br. | MZ | NH3-N | Chesapeake | 2001- 2003 |
| VAT-G15E | Elizabeth River, S Br. | MZ | NH3-N | Chesapeake | 2001- 2003 |
| VAT-G15E | Elizabeth River, S Br. | MZ | NH3-N | Chesapeake | 2001- 2003 |

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PART II - WATER QUALITY BASED EFFLUENT LIMITS WATERS
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

| HUC and Watershed ID | Stream Name | Stream Segment* (miles/sq mi) | Parameter | City/County | TMDL Developement Date |
|---|---|---|---|---|---|
| VAT-G15E | Elizabeth River, S Br. | MZ | NH3-N | Chesapeake | 2001-2003 |
| VAT-G15E | Elizabeth River, S Br. | MZ | NH3-N | Chesapeake | 2001-2003 |
| VAT-G15E | Elizabeth River, S Br. | MZ | NH3-N | Chesapeake | 2001-2003 |
| VAT-G15E-01 | Elizabeth River, S Br. | MZ | Pentachloro-phenol | Portsmouth | 2001-2003 |
| VAT-G15E-01 | Elizabeth River, S Br. | MZ | Pentachloro-phenol | Portsmouth | 2001-2003 |
| VAT-G15E-01 | Elizabeth River, S Br. | MZ | Tributyltin | Norfolk | 2001-2003 |
| VAT-G15E-01 | Elizabeth River, S Br. | MZ | Tributyltin | Norfolk | 2001-2003 |
| VAT-G15E-01 | Elizabeth River, S Br. | MZ | Tributyltin | Norfolk | 2001-2003 |
| VAT-G15E-01 | Elizabeth River, S Br. | MZ | Tributyltin | Norfolk | 2001-2003 |
| VAT-G15E-01 | Elizabeth River, S Br. | MZ | Tributyltin | Norfolk | 2001-2003 |
| VAT-G15E-01 | Paradise Creek | MZ | Pentachloro-phenol | Portsmouth | 2001-2003 |
| VAT-G15E | Pescara creek | MZ | Tributyltin | Norfolk | 2001-2003 |
| VAT-G15R | Ennis Pond, UT | 2.6-MZ | NH3-N | Isle of Wight | 2001-2003 |
| VAT-G15R | Ennis Pond, UT | 0.4-MZ | NH3-N | Isle of Wight | 2001-2003 |
| VAT-G15R | Linsey Canel to New Mill Creek | 1.7-MZ | CBOD,TKN, D.O. | Chesapeake | 2001-2003 |
| **ROANOKE RIVER BASIN** | | | | | |
| **03010101** | | | | | |
| VAW-L04R | Falling Creek-UT | 0.32-MZ | NH3-N | Bedford | 2001-2003 |
| VAW-L04R | Roanoke River | 201.81-MZ | NH3-N | City of Roanoke | 2001-2003 |
| VAW-L26R | Little Otter River | 14.36-MZ | WET, NH3-N | Bedford | 2001-2003 |
| **03010102** | | | | | |
| VAW-L30R | Corporation Branch | 97.69-MZ | Ag, Cr VI, Cu, Zn, WET | Campbell | 2001-2003 |

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PART II - WATER QUALITY BASED EFFLUENT LIMITS WATERS
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

| HUC and Watershed ID | Stream Name | Stream Segment* (miles/sq mi) | Parameter | City/County | TMDL Developement Date |
|---|---|---|---|---|---|
| VAW-L35R | Mollys Creek | 17.81-MZ | NH3-N | Campbell | 2001- 2003 |
| VAP-L75R | Banister River | 11.10-MZ | WET | Halifax | 1998- 2000 |
| VAP-L75R | Blue Creek, UT | 0.22-MZ | NH3-N | Mecklenburg | 1998- 2000 |
| VAP-L75R | Lick Branch, UT | 0.10-MZ | NH3-N | Mecklenburg | 1998- 2000 |
| VAP-L75R | Roanoke River (Kerr Reservoir) | 35.80-MZ | Di-2-Ethylhexyl Phthalate | Mecklenburg | 1998- 2000 |
| VAP-L75R | Roanoke River (Kerr Reservoir) | 35.80-MZ | Chloroform | Mecklenburg | 1998- 2000 |
| VAP-L76R | Little Buffalo Creek, UT | 0.66-MZ | NH3-N | Mecklenburg | 1998- 2000 |
| VAP-L77R | Little Bluestone Creek, UT | 1.99-MZ | NH3-N | Mecklenburg | 1998- 2000 |
| **03010103** | | | | | |
| VAW-L53R | Smith River | 27.56-MZ | Cyanide | Martinsville City, Henry | 2001- 2003 |
| VAW-L54R | Smith River | 26.66-11.66 | General Standard | Martinsville City, Henry | 2001- 2003 |
| **03010104** | | | | | |
| VAP-L64R | Mike's Creek, UT | 1.61-MZ | NH3-N | Halifax | 1998- 2000 |
| VAP-L64R | Stokes Creek, UT | 0.60-MZ | NH3-N | Halifax | 1998- 2000 |
| **03010105** | | | | | |
| VAP-L67R | Bradley Creek, UT | 0.40-MZ | NH3-N | Halifax | 1998- 2000 |
| VAP-L71R | Banister River, UT | 0.60-MZ | NH3-N | Halifax | 1998- 2000 |
| **03010106** | | | | | |
| VAP-L79R | Dockery Creek | 4.54-MZ | NH3-N | Mecklenburg | 1998- 2000 |
| **CHOWAN RIVER DISMAL SWAMP BASIN** | | | | | |
| **03010201** | | | | | |
| VAP-K16R | Hurricane Branch, UT | 1.12-MZ | Cu, Pb, Zn | Nottoway | 1998- 2000 |
| VAP-K16R | Hurricane Branch, UT | 1.12-MZ | NH3-N | Nottoway | 1998- 2000 |
| VAP-K17R | Great Creek | 1.92-MZ | NH3-N | Dinwiddie | 1998- 2000 |

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PART II - WATER QUALITY BASED EFFLUENT LIMITS WATERS
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

| HUC and Watershed ID | Stream Name | Stream Segment* (miles/sq mi) | Parameter | City/County | TMDL Developement Date |
|---|---|---|---|---|---|
| VAP-K18R | Sturgeon Creek, UT | 0.38-MZ | NH3-N | Brunswick | 1998- 2000 |
| VAP-K23R | Gravelly Run, UT | 0.68-MZ | NH3-N | Dinwiddie | 1998- 2000 |
| VAP-K23R | Gravelly Run, UT | 0.75-MZ | NH3-N | Dinwiddie | 1998- 2000 |
| VAT-K27R | Three Creek | 11.90-MZ | Zn | Southampton | 2001- 2003 |
| VAT-K30R | Darden Mill Run, UT | 0.20-MZ | Cu, CrIV | Southampton | 2001- 2003 |
| VAT-K30R | Darden Mill Run, UT | 0.60-MZ | Cu | Southampton | 2001- 2003 |
| **03010202** | | | | | |
| VAT-K35R | Antioch Swamp, UT | 0.60-MZ | CBOD, TKN | Isle of Wight | 2001- 2003 |
| VAT-K38R | Blackwater River | 0.70-MZ | NH3-N, Dioxin | Southampton | 2001- 2003 |
| **03010204** | | | | | |
| VAP-K02R | Turkey Egg Creek | 1.00-MZ | NH3-N | Charlotte | 1998- 2000 |
| VAP-K11R | Fontaine Creek, UT | 0.22-MZ | NH3-N | Greensville | 1998- 2000 |
| VAT-K13R | Meherrin River | 6.30-MZ | NH3-N | Southampton | 1998- 2000 |
| **03010205** | | | | | |
| VAP-K23R | Hell Point Creek | 0.80-MZ | NH3-N | Virginia Beach | 2001- 2003 |
| **YADKIN RIVER BASIN** | | | | | |
| **03040101** | | | | | |
| VAW-M03R | Birds Branch | 3.24-MZ | Dissolved Oxygen, NH3-N | Partrick | 2001- 2003 |
| **NEW RIVER BASIN** | | | | | |
| **05050001** | | | | | |
| VAS-N10R | Reed Creek, South Fork - UT | 1.15-MZ | NH3-N | Wythe | 1998- 2000 |
| VAS-N15R | Beaverdam Creek | 2.62-MZ | NH3-N | Carroll | 1998- 2000 |
| VAS-N15R | Little Reed Island,East Fork | 1.00-MZ | NH3-N | Carroll | 2001- 2003 |
| VAW-N18R | Crab Creek | 4.41-0.00 | General Standard | Montgomery | 2001- 2003 |
| VAW-N20R | Dodd Creek | 3.64-MZ | Copper | Floyd | 2001- 2003 |

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PART II - WATER QUALITY BASED EFFLUENT LIMITS WATERS
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY
1998 303(d) TOTAL MAXIMUM DAILY LOAD PRIORITY LIST

| HUC and Watershed ID | Stream Name | Stream Segment* (miles/sq mi) | Parameter | City/County | TMDL Developement Date |
|---|---|---|---|---|---|
| **05050002** | | | | | |
| VAW-N32R | Clear Fork - UT | 0.60-MZ | NH3-N | Tazewell | 2001- 2003 |
| VAS-N37R | Laurel Fork Creek | 1.99-MZ | NH3-N | Tazewell | 2001- 2003 |
| **TENNESSEE AND BIG SANDY RIVER BASINS** | | | | | |
| **05070201** | | | | | |
| VAS-Q03R | Knox Creek | 17.92-MZ | NH3-N | Buchanan | 1998- 2000 |
| **05070202** | | | | | |
| VAS-Q08R | Conaway Creek | 0.02-MZ | NH3-N | Buchanan | 2001- 2003 |
| VAS-Q10R | Russell Fork River | 47.06-MZ | NH3-N | Buchanan | 2001- 2003 |
| VAS-Q12R | Russell Prater Creek | 0.36-MZ | NH3-N | Buchanan | 1998- 2000 |
| **06010101** | | | | | |
| VAS-O13R | Hilton Creek | 0.57-MZ | NH3-N | Scott | 2001- 2003 |
| **06010102** | | | | | |
| VAS-O02R | South Fork Holston River - UT | 0.38-MZ | NH3-N | Washington | 2001- 2003 |
| VAS-O05R | Ramey Branch | 0.50-MZ | NH3-N | Washington | 2001- 2003 |
| VAS-O06R | Fifteenmile Creek, UT | 0.40-MZ | NH3-N | Washington | 2001- 2003 |
| **06010205** | | | | | |
| VAS-P04R | Casey Branch | 0.01-MZ | NH3-N | Russell | 2001- 2003 |
| VAS-P09R | Corder Branch, Ramey Branch | 0.20-MZ | NH3-N | Wise | 2001- 2003 |
| **06010206** | | | | | |
| VAS-P20R | Straight Creek | 2.02-MZ | NH3-N | Lee | 2001- 2003 |
| VAS-P21R | Station Creek | 4.29-MZ | NH3-N | Lee | 2001- 2003 |

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