



2012 List of Naturally Impaired Waters (Category 4C)* No TMDL Needed

Potomac and Shenandoah River Basins

Cause Group Code Impaired Use	Water Name Cause	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)
A31R-01-DO Aquatic Life	Pine Hill Creek Watershed Oxygen, Dissolved	4C			24.98
A31R-02-DO Aquatic Life	Mattox Creek Watershed Oxygen, Dissolved	4C			42.00
A31R-02-PH Aquatic Life	Mattox Creek Watershed pH	4C			42.00
B13R-03-BEN Aquatic Life	Tunnel Hollow X-trib Benthic-Macroinvertebrate Bioassessments	4C			0.20
B18R-04-TEMP Aquatic Life	Beaver Creek Temperature, water	4C			5.76
B20R-02-BEN Aquatic Life	Skidmore Fork Benthic-Macroinvertebrate Bioassessments	4C			5.40
B31R-03-BEN Aquatic Life	Toms Branch Benthic-Macroinvertebrate Bioassessments	4C			3.34
B36R-01-BEN Aquatic Life	Naked Creek Benthic-Macroinvertebrate Bioassessments	4C			12.48
B49L-01-DO Aquatic Life	Lake Laura Oxygen, Dissolved	4C		40.95	

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2012 List of Naturally Impaired Waters (Category 4C)* No TMDL Needed

James River Basin

Cause Group Code Impaired Use	Water Name Cause	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)
G02R-06-DO Aquatic Life	Upper Fourmile Creek Oxygen, Dissolved	4C			7.52
G03R-01 Aquatic Life	Gunns Run Watershed Oxygen, Dissolved	4C			17.26
G05R-03-DO Aquatic Life	Chickahominy River Oxygen, Dissolved	4C			8.31
G06R-01-DO Aquatic Life	Chickahominy River Oxygen, Dissolved	4C			7.53
G06R-02-DO Aquatic Life	XZS - White Oak Swamp, UT Oxygen, Dissolved	4C			1.44
G06R-08-DO Aquatic Life	White Oak Swamp Oxygen, Dissolved	4C			3.57
G06R-09-DO Aquatic Life	White Oak Swamp Creek Oxygen, Dissolved	4C			3.81
G06R-10-DO Aquatic Life	Deep Run Oxygen, Dissolved	4C			2.35
G08E-01-PH Aquatic Life	Morris Creek pH	4C	0.396		
G08R-01 Aquatic Life	Morris Creek Oxygen, Dissolved	4C			6.93
G08R-03-DO Aquatic Life	XAF - Morris Creek, UT Oxygen, Dissolved	4C			1.82
G12R-01-PH Aquatic Life	Eley Swamp pH	4C			4.62
H39R-02-DO Aquatic Life	Tuckahoe Creek Watershed Oxygen, Dissolved	4C			29.93
I05R-01-TEMP Aquatic Life	Cedar Creek Temperature, water	4C			3.36
I14R-03-BEN Aquatic Life	Panther Run Benthic-Macroinvertebrate Bioassessments	4C			2.11
I22R-03-BEN Aquatic Life	Crawford Branch Benthic-Macroinvertebrate Bioassessments	4C			1.76
I23R-01-BEN Aquatic Life	Cove Branch Benthic-Macroinvertebrate Bioassessments	4C			5.74



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James River Basin

Cause Group Code Impaired Use	Water Name Cause	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)
I38L-01-DO Aquatic Life	Lexington Reservoir Oxygen, Dissolved	4C		22.76	
J07R-01-DO Aquatic Life	Skinquarter Creek Oxygen, Dissolved	4C			5.08
J11R-02-DO Aquatic Life	Deep Creek Oxygen, Dissolved	4C			5.59
J12R-01-DO Aquatic Life	Winticomack Creek Oxygen, Dissolved	4C			3.96
J12R-02-DO Aquatic Life	Winterpock Creek Oxygen, Dissolved	4C			8.10
J12R-04-DO Aquatic Life	UT to Winticomack Creek Oxygen, Dissolved	4C			2.66

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Rappahannock River Basin

Cause Group Code Impaired Use	Water Name Cause	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)
E22R-03-DO Aquatic Life	Occupacia Creek and Tributaries Oxygen, Dissolved	4C			49.05
E23E-03-PH Aquatic Life	Hoskins Creek pH	4C	0.052		
E23E-04-PH Aquatic Life	Piscataway Creek pH	4C	0.588		
E23R-01-DO Aquatic Life	Nanny Sanford Swamp Oxygen, Dissolved	4C			3.48
E23R-02 Aquatic Life	Mount Landing Creek Oxygen, Dissolved	4C			1.15
E23R-03-PH Aquatic Life	Piscataway Creek Tributaries - Mill Creek and Mussell Swamp pH	4C			10.44
E23R-04-PH Aquatic Life	Hoskins Creek pH	4C			13.26
E23R-09-PH Aquatic Life	Church Swamp pH	4C			3.24
E23R-10-DO Aquatic Life	UT to Piscataway Creek XFN Oxygen, Dissolved	4C			3.62
E23R-11-DO Aquatic Life	UT to Piscataway Creek XFM Oxygen, Dissolved	4C			3.58
E23R-14-DO Aquatic Life	Black Swamp Oxygen, Dissolved	4C			4.19
E23R-15-DO Aquatic Life	The Big Swamp Oxygen, Dissolved	4C			6.74
E23R-17-PH Aquatic Life	Hoskins Creek UT (XGX) pH	4C			2.48
E23R-18-PH Aquatic Life	Hoskins Creek UT (XGY) pH	4C			2.03

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2012 List of Naturally Impaired Waters (Category 4C)* No TMDL Needed

Roanoke and Yadkin River Basins

Cause Group Code Impaired Use	Water Name Cause	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)
L71L-01-DO Aquatic Life	Banister Lake Oxygen, Dissolved	4C		351.84	
L75L-01-DO Aquatic Life	Kerr Reservoir Oxygen, Dissolved	4C		31,646.71	

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2012 List of Naturally Impaired Waters (Category 4C)* No TMDL Needed

Chowan River and Dismal Swamp Basins

Cause Group Code Impaired Use	Water Name Cause	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)
K11R-02-DO Aquatic Life	Fontaine Creek and Tributaries Oxygen, Dissolved	4C			58.19
K13R-01-DO Aquatic Life	Tarrara Creek Oxygen, Dissolved	4C			13.94
K19R-02 Aquatic Life	Harris Swamp Oxygen, Dissolved	4C			3.27
K20R-01-DO Aquatic Life	Butterwood Creek, White Oak Swamp, Rocky Run & Reedy Creeks Oxygen, Dissolved	4C			11.98
K20R-01-PH Aquatic Life	White Oak Swamp pH	4C			2.20
K21R-02-DO Aquatic Life	Southwest Swamp Oxygen, Dissolved	4C			12.73
K23R-01-DO Aquatic Life	Rowanty Creek and tributaries; Gosee Swamp and tributaries Oxygen, Dissolved	4C			197.10
K23R-03-DO Aquatic Life	Nebletts Mill Run and all its tributaries Oxygen, Dissolved	4C			44.36
K23R-04-DO Aquatic Life	Jones Hole Swamp and all its tributaries Oxygen, Dissolved	4C			61.84
K23R-07-DO Aquatic Life	Black Branch Swamp Oxygen, Dissolved	4C			6.24
K23R-08-DO Aquatic Life	Cabin Point Swamp Oxygen, Dissolved	4C			6.64
K24R-01-DO Aquatic Life	Hunting Quarter Swamp Oxygen, Dissolved	4C			16.60
K24R-02-DO Aquatic Life	Hunting Quarter Swamp Tributaries Oxygen, Dissolved	4C			36.05
K25R-01-DO Aquatic Life	Raccoon Creek, Spring Creek Oxygen, Dissolved	4C			36.35
K25R-03-DO Aquatic Life	UT to Spring Creek Oxygen, Dissolved	4C			4.12
K25R-04-DO Aquatic Life	Little Swamp Oxygen, Dissolved	4C			8.61
K25R-05-DO Aquatic Life	UT to Raccoon Creek Oxygen, Dissolved	4C			4.30



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Chowan River and Dismal Swamp Basins

Cause Group Code Impaired Use	Water Name Cause	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)
K26R-01-DO Aquatic Life	Otterdam Swamp, Three Creek Oxygen, Dissolved	4C			12.99
K26R-05-DO Aquatic Life	Uriah Branch Oxygen, Dissolved	4C			4.12
K29R-01-DO Aquatic Life	Assamoosick Swamp and Tributaries Oxygen, Dissolved	4C			58.47
K31R-01-DO Aquatic Life	Blackwater Swamp, Warwick Swamp Oxygen, Dissolved	4C			44.99
K31R-02-DO Aquatic Life	Second Swamp Oxygen, Dissolved	4C			16.46
K31R-03-DO Aquatic Life	XES - Warwick Swamp, UT Oxygen, Dissolved	4C			3.48
K31R-05-DO Aquatic Life	North Fork Blackwater Swamp Oxygen, Dissolved	4C			5.78
K31R-06-DO Aquatic Life	Cattail Creek Oxygen, Dissolved	4C			3.44
K31R-07-DO Aquatic Life	XFX - Warwick Swamp, UT Oxygen, Dissolved	4C			2.95
K31R-08-DO Aquatic Life	XHO - Warwick Swamp, UT Oxygen, Dissolved	4C			2.39
K31R-09-DO Aquatic Life	XGX - Warwick Swamp, UT Oxygen, Dissolved	4C			2.22
K32R-01-DO Aquatic Life	Blackwater River Oxygen, Dissolved	4C			25.04
K32R-03-DO Aquatic Life	Otterdam Swamp Oxygen, Dissolved	4C			12.97
K32R-05-DO Aquatic Life	Coppahaunk Swamp Oxygen, Dissolved	4C			11.92
K32R-06-DO Aquatic Life	Cypress Swamp Oxygen, Dissolved	4C			17.01
K32R-07-DO Aquatic Life	Cypress Swamp Tributaries Oxygen, Dissolved	4C			98.07
K32R-10-DO Aquatic Life	Spring Branch Oxygen, Dissolved	4C			4.30



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Chowan River and Dismal Swamp Basins

Cause Group Code Impaired Use	Water Name Cause	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)
K32R-11-DO Aquatic Life	XDR - UT to Otterdam Swamp Oxygen, Dissolved	4C			2.61
K32R-15-DO Aquatic Life	Spring Branch, UT (XAW) Oxygen, Dissolved	4C			1.07
K32R-16-DO Aquatic Life	Spring Branch, UT (XAL) Oxygen, Dissolved	4C			0.72
K33R-02-DO Aquatic Life	Blackwater River - Upper, Middle, Lower Oxygen, Dissolved	4C			23.99
K34R-01-DO Aquatic Life	Mill Swamp Oxygen, Dissolved	4C			8.36
K34R-02-DO Aquatic Life	Rattlesnake Swamp Oxygen, Dissolved	4C			6.09
K35R-01-DO Aquatic Life	Seacock Swamp - Upper Oxygen, Dissolved	4C			0.80
K36R-01-DO Aquatic Life	Blackwater - Lower Middle Oxygen, Dissolved	4C			10.21
K36R-02-DO Aquatic Life	Blackwater River - Lower Middle Oxygen, Dissolved	4C			8.19
K36R-03-DO Aquatic Life	Washole Creek Oxygen, Dissolved	4C			0.64
K37R-01-DO Aquatic Life	Buckhorn Creek Oxygen, Dissolved	4C			1.55
K37R-01-PH Aquatic Life	Buckhorn Creek pH	4C			1.55
K38R-01-DO Aquatic Life	Somerton Creek Oxygen, Dissolved	4C			9.09
K39R-01-DO Aquatic Life	Dismal Swamp Canal & Feeder Ditch to Lake Drummond Oxygen, Dissolved	4C			17.58
K41R-02-DO Aquatic Life	Milldam Creek - Lower Oxygen, Dissolved	4C			2.50
K41R-05-DO Aquatic Life	West Neck Creek - Middle Oxygen, Dissolved	4C			3.59
K42E-01-DO Aquatic Life	Nawney Creek - Upper Oxygen, Dissolved	4C	0.022		



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Chowan River and Dismal Swamp Basins

Cause Group Code	Water Name	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)
Impaired Use	Cause				
K42E-02-DO	Nawney Creek - Lower				
Aquatic Life	Oxygen, Dissolved	4C	0.018		

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Tennessee and Big Sandy River Basins

Cause Group Code Impaired Use	Water Name Cause	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)
O10R-08-BEN Aquatic Life	Little Tumbling Creek Benthic-Macroinvertebrate Bioassessments	4C			5.40
P19R-02-BEN Aquatic Life	Poor Valley Creek Benthic-Macroinvertebrate Bioassessments	4C			2.69
P20L-01-PH Aquatic Life	Lake Keokee pH	4C		97.47	

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2012 List of Naturally Impaired Waters (Category 4C)* No TMDL Needed

Chesapeake Bay/Atlantic/Small Coastal Basins

Cause Group Code Impaired Use	Water Name Cause	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)
C02R-01-DO Aquatic Life	Dragon Swamp Oxygen, Dissolved	4C			12.30
C02R-02-DO Aquatic Life	Dragon Swamp Oxygen, Dissolved	4C			19.86
C02R-02-PH Aquatic Life	Dragon Swamp pH	4C			19.86
C02R-04-DO Aquatic Life	Exol Swamp Oxygen, Dissolved	4C			11.62
C02R-04-PH Aquatic Life	Exol Swamp pH	4C			11.62
C02R-05-DO Aquatic Life	Dragon Run Oxygen, Dissolved	4C			6.56
C02R-05-PH Aquatic Life	Dragon Run pH	4C			6.56
C02R-06-DO Aquatic Life	Briery Swamp Oxygen, Dissolved	4C			3.19
C02R-07-DO Aquatic Life	Timber Branch Swamp Oxygen, Dissolved	4C			5.49
C02R-07-PH Aquatic Life	Timber Branch Swamp pH	4C			5.49
C02R-08-DO Aquatic Life	Holmes Swamp Oxygen, Dissolved	4C			4.07
C02R-08-PH Aquatic Life	Holmes Swamp pH	4C			4.07
C02R-09-DO Aquatic Life	White Marsh Oxygen, Dissolved	4C			2.50
C02R-09-PH Aquatic Life	White Marsh pH	4C			2.50
C02R-10-PH Aquatic Life	Yorkers Swamp pH	4C			3.36
C05R-01-DO Aquatic Life	Fox Mill Run Oxygen, Dissolved	4C			6.97
C05R-03-DO Aquatic Life	Crany Creek Oxygen, Dissolved	4C			3.90



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Chesapeake Bay/Atlantic/Small Coastal Basins

Cause Group Code Impaired Use	Water Name Cause	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)
POCOH-DO-BAY	Pocomoke River System CBP segment POCOH (Pocomoke River)				
Aquatic Life	Oxygen, Dissolved	4C	2.838		
Open-Water Aquatic Life	Oxygen, Dissolved	4C	2.838		

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York River Basin

Cause Group Code Impaired Use	Water Name Cause	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)
F21R-01-DO Aquatic Life	Reedy Creek Oxygen, Dissolved	4C			12.43
F23E-01-PH Aquatic Life	Mattaponi River pH	4C	1.869		

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New River Basin

Cause Group Code Impaired Use	Water Name Cause	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)
N10L-01-PH Aquatic Life	Rural Retreat Lake pH	4C		85.46	
N16L-01-DO Aquatic Life	Claytor Lake - New River Oxygen, Dissolved	4C		2,045.60	
N16L-02-DO Aquatic Life	Claytor Lake - Peak Creek Oxygen, Dissolved	4C		216.86	

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