



2016 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)
A31E-04-PH Aquatic Life	Monroe Creek pH	4C	0.176		
A31R-02-DO Aquatic Life	Mattox Creek Watershed Oxygen, Dissolved	4C			68.45
A31R-02-PH Aquatic Life	Mattox Creek Watershed pH	4C			68.45
A31R-03-DO Aquatic Life	Popes Creek Watershed Oxygen, Dissolved	4C			29.88
A31R-03-PH Aquatic Life	Popes Creek Watershed pH	4C			29.88
A31R-04-DO Aquatic Life	Monroe Creek Watershed Oxygen, Dissolved	4C			12.27
A31R-04-PH Aquatic Life	Monroe Creek Watershed pH	4C			12.27
A31R-05-DO Aquatic Life	Canal Swamp Watershed Oxygen, Dissolved	4C			12.57
A31R-05-PH Aquatic Life	Canal Swamp Watershed pH	4C			12.57
B13R-03-BEN Aquatic Life	Tunnel Hollow X-trib Benthic-Macroinvertebrate Bioassessments	4C			0.58
B18R-04-TEMP Aquatic Life	Beaver Creek Temperature, water	4C			6.28
B20R-02-BEN Aquatic Life	Skidmore Fork Benthic-Macroinvertebrate Bioassessments	4C			5.44
B31R-03-BEN Aquatic Life	Toms Branch Benthic-Macroinvertebrate Bioassessments	4C			3.49
B36R-01-BEN Aquatic Life	Naked Creek Benthic-Macroinvertebrate Bioassessments	4C			12.81
B49L-01-DO Aquatic Life	Lake Laura Oxygen, Dissolved	4C		46.25	

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James River Basin

Cause Group Code Impaired Use	Water Name Cause	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)
G05R-12-DO Aquatic Life	Upper Stony Run and Tributaries Oxygen, Dissolved	4C			39.87
G05R-12-PH Aquatic Life	Upper Stony Run and Tributaries pH	4C			39.87
G07R-02-DO Aquatic Life	Rumley Marsh Oxygen, Dissolved	4C			4.59
G07R-02-PH Aquatic Life	Rumley Marsh pH	4C			4.59
G07R-03-DO Aquatic Life	Pelham Swamp Oxygen, Dissolved	4C			1.57
G07R-05-PH Aquatic Life	XAA - Rumley Marsh, UT pH	4C			1.76
G08E-01-PH Aquatic Life	Morris Creek pH	4C	0.394		
G12R-01-PH Aquatic Life	Eley Swamp pH	4C			4.80
H39R-02-DO Aquatic Life	Tuckahoe Creek Watershed Oxygen, Dissolved	4C			19.27
I22R-03-BEN Aquatic Life	Crawford Branch Benthic-Macroinvertebrate Bioassessments	4C			1.87
I23R-01-BEN Aquatic Life	Cove Branch Benthic-Macroinvertebrate Bioassessments	4C			6.04
I38L-01-DO Aquatic Life	Lexington Reservoir Oxygen, Dissolved	4C		22.60	

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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-07-DO Aquatic Life	Occupacia Creek, UT - XGI Oxygen, Dissolved	4C			1.96
E22R-07-PH Aquatic Life	Occupacia Creek, UT - XGI pH	4C			1.96
E23E-03-PH Aquatic Life	Hoskins Creek pH	4C	0.052		
E23R-03-PH Aquatic Life	Piscataway Creek & Tribs Mill Creek and Mussell Swamp pH	4C			13.56
E23R-04-PH Aquatic Life	Hoskins Creek pH	4C			13.16
E23R-09-PH Aquatic Life	Church Swamp pH	4C			3.24
E23R-17-PH Aquatic Life	Hoskins Creek UT (XGX) pH	4C			2.49
E23R-18-PH Aquatic Life	Hoskins Creek UT (XGY) pH	4C			2.03
E25R-01-PH Aquatic Life	Mud Creek pH	4C	0.204		

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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	

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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)
K11R-03-DO Aquatic Life	Cattail Creek Oxygen, Dissolved	4C			7.38
K11R-03-PH Aquatic Life	Cattail Creek pH	4C			5.33
K20R-01-DO Aquatic Life	Butterwood Creek, White Oak Swamp(Partial delist16) Oxygen, Dissolved	4C			2.20
K20R-01-PH Aquatic Life	White Oak Swamp pH	4C			2.20
K36R-01-DO Aquatic Life	Blackwater - Lower Middle Oxygen, Dissolved	4C			10.49
K36R-02-DO Aquatic Life	Blackwater River - Lower Middle Oxygen, Dissolved	4C			8.27
K36R-03-DO Aquatic Life	Washole Creek Oxygen, Dissolved	4C			0.55
K37R-01-PH Aquatic Life	Buckhorn Creek pH	4C			1.52
K41R-02-DO Aquatic Life	Milldam Creek - Lower Oxygen, Dissolved	4C			2.54
K41R-05-DO Aquatic Life	West Neck Creek - Middle Oxygen, Dissolved	4C			2.74
K42E-01-DO Aquatic Life	Nawney Creek - Upper Oxygen, Dissolved	4C	0.016		
K42E-02-DO Aquatic Life	Nawney Creek - Lower Oxygen, Dissolved	4C	0.017		

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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	Little Tumbling Creek				
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	4C			5.79
P19R-02-BEN	Poor Valley Creek				
Aquatic Life	Benthic-Macroinvertebrate Bioassessments	4C			2.82

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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)
C02R-01-DO Aquatic Life	Dragon Swamp Oxygen, Dissolved	4C			12.37
C02R-02-DO Aquatic Life	Dragon Swamp Oxygen, Dissolved	4C			19.26
C02R-02-PH Aquatic Life	Dragon Swamp pH	4C			19.26
C02R-04-DO Aquatic Life	Exol Swamp Oxygen, Dissolved	4C			11.34
C02R-05-DO Aquatic Life	Dragon Run Oxygen, Dissolved	4C			6.53
C02R-05-PH Aquatic Life	Dragon Run pH	4C			6.53
C02R-06-DO Aquatic Life	Briery Swamp Oxygen, Dissolved	4C			3.17
C02R-07-DO Aquatic Life	Timber Branch Swamp Oxygen, Dissolved	4C			5.45
C02R-07-PH Aquatic Life	Timber Branch Swamp pH	4C			5.45
C02R-08-DO Aquatic Life	Holmes Swamp Oxygen, Dissolved	4C			4.02
C02R-08-PH Aquatic Life	Holmes Swamp pH	4C			4.02
C02R-09-DO Aquatic Life	White Marsh Oxygen, Dissolved	4C			2.51
C02R-09-PH Aquatic Life	White Marsh pH	4C			2.51
C02R-10-PH Aquatic Life	Yorkers Swamp pH	4C			3.32
C05R-01-DO Aquatic Life	Fox Mill Run Oxygen, Dissolved	4C			6.96
C05R-03-DO Aquatic Life	Craney Creek Oxygen, Dissolved	4C			3.90
C06R-01-DO Aquatic Life	Northwest Branch of Severn River Oxygen, Dissolved	4C			2.16



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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	2.839		
Open-Water Aquatic Life	Oxygen, Dissolved	4C	2.839		

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York River Basin

Cause Group Code Impaired Use	Water Name Cause	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)
F12R-03-DO Aquatic Life	Hornquarter Creek Oxygen, Dissolved	4C			6.77
F12R-03-PH Aquatic Life	Hornquarter Creek pH	4C			6.77
F13R-02-DO Aquatic Life	Totopotomoy Creek Oxygen, Dissolved	4C			17.75
F13R-03-DO Aquatic Life	Jacks Creek and Major Tributaries Oxygen, Dissolved	4C			21.18
F13R-04-PH Aquatic Life	Moncuin Creek, Webb Creek pH	4C			12.12
F13R-05-DO Aquatic Life	Governor Swamp Oxygen, Dissolved	4C			3.32
F13R-05-PH Aquatic Life	Governor Swamp pH	4C			3.32
F13R-10-PH Aquatic Life	Mallory Creek pH	4C			4.02
F23R-02-DO Aquatic Life	Dickeys Swamp, Garnetts Creek, and Tributaries Oxygen, Dissolved	4C			24.27

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New River Basin

Cause Group Code Impaired Use	Water Name Cause	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)
N16L-01-DO Aquatic Life	Claytor Lake - New River Oxygen, Dissolved	4C		2,077.45	
N16L-02-DO Aquatic Life	Claytor Lake - Peak Creek Oxygen, Dissolved	4C		216.86	

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