

# 2020 Impaired Waters - 303(d) List

## Supplemental List of New Impairments in 2020

### Potomac and Shenandoah River Basins

Cause Group Code	Water Name	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
Impaired Use	Cause						
<b>A02R-01-BEN</b>	<b>Catoctin Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			6.52	2020	L
<b>A06R-01-PH</b>	<b>Jacks Run</b>						
Aquatic Life	pH	5A			3.18	2020	L
<b>A08R-09-BEN</b>	<b>Howsers Branch</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			5.10	2020	L
<b>A09R-07-BEN</b>	<b>Russell Branch</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			2.09	2020	L
<b>A17R-01-BEN</b>	<b>Cedar Run</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			3.00	2020	L
<b>A17R-01-DO</b>	<b>Owl Run</b>						
Aquatic Life	Dissolved Oxygen	5A			5.85	2020	L
<b>A22R-04-BEN</b>	<b>Elklick Run</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			4.34	2020	L
<b>A24R-02-BEN</b>	<b>Hooes Run</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			0.98	2020	L
<b>A25R-06-BAC</b>	<b>Cow Branch</b>						
Recreation	Escherichia coli (E. coli)	5A			3.99	2020	L
<b>A26R-01-CU</b>	<b>Quantico Creek</b>						
Aquatic Life	Copper	5A			1.47	2020	L
Wildlife	Copper	5A			1.47	2020	L
<b>A29R-02-BEN</b>	<b>Potomac Run</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			6.59	2020	L
<b>A32E-20-PCB</b>	<b>Nomini Creek</b>						
Fish Consumption	PCBs in Fish Tissue	5A	4.648			2020	L
<b>A33E-08-EBEN</b>	<b>West Yeocomico River</b>						
Aquatic Life	Estuarine Bioassessments	5A	0.052			2020	L
<b>A33E-11-PCB</b>	<b>Yeocomico River</b>						
Fish Consumption	PCBs in Fish Tissue	5A	1.878			2020	L
<b>A34E-06-EBEN</b>	<b>Coan River</b>						
Aquatic Life	Estuarine Bioassessments	5A	0.534			2020	L
<b>B02R-05-BAC</b>	<b>South Branch Potomac River</b>						
Recreation	Escherichia coli (E. coli)	5A			10.36	2020	L
<b>B12R-01-PCB</b>	<b>Lewis Creek</b>						
Fish Consumption	PCBs in Fish Tissue	5A			2.47	2020	L

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## Supplemental List of New Impairments in 2020

### James River Basin

Cause Group Code	Water Name	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
Impaired Use	Cause						
<b>G01R-10-BEN</b>	<b>Pocosnock Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			8.70	2020	L
<b>G15E-09-EBEN</b>	<b>Southern Branch, Elizabeth River - Middle</b>						
Aquatic Life	Estuarine Bioassessments	5A	0.015			2020	L
<b>H03R-04-PCB</b>	<b>James River, Slate River</b>						
Fish Consumption	Polychlorinated Biphenyls (PCBs)	5A			6.32	2020	L
Wildlife	Polychlorinated Biphenyls (PCBs)	5A			6.32	2020	L
<b>H11L-01-BAC</b>	<b>Stonehouse Creek Reservoir</b>						
Recreation	Escherichia coli (E. coli)	5A		33.53		2020	L
<b>H11L-02-BAC</b>	<b>Thrashers Creek Reservoir</b>						
Recreation	Escherichia coli (E. coli)	5A		31.95		2020	L
<b>H39R-06-PCB</b>	<b>Reedy Creek</b>						
Fish Consumption	Polychlorinated Biphenyls (PCBs)	5A			1.08	2020	H
<b>H39R-26-BEN</b>	<b>Dover Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			4.76	2020	L
<b>I04R-02-TEMP</b>	<b>Jackson River</b>						
Aquatic Life	Temperature	5A			5.15	2020	L
<b>I09R-03-BAC</b>	<b>Jackson River</b>						
Recreation	Escherichia coli (E. coli)	5A			5.27	2020	L
<b>I21R-01-BAC</b>	<b>Johns Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			2.20	2020	L
<b>I21R-02-BAC</b>	<b>Johns Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			4.42	2020	L
<b>I22R-01-BAC</b>	<b>Barbours Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			8.13	2020	L
<b>I25R-01-BAC</b>	<b>Catawba Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			11.71	2020	L
<b>I25R-02-BAC</b>	<b>Haymaker Branch</b>						
Recreation	Escherichia coli (E. coli)	5A			1.36	2020	L
<b>I27R-02-PCB</b>	<b>James River</b>						
Fish Consumption	PCBs in Fish Tissue	5A			9.52	2020	L
<b>J01R-07-BEN</b>	<b>Plum Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			3.75	2020	L
<b>J03R-07-BEN</b>	<b>North Branch Sandy River</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			2.40	2020	L
<b>J05L-01-HG</b>	<b>Briery Creek Lake</b>						
Fish Consumption	Mercury in Fish Tissue	5A		819.66		2020	L

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Impaired Use	Cause						
<b>J06R-05-BEN</b>	<b>Big Guinea Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			8.72	2020	L
<b>J07L-01-CHLA</b>	<b>Amelia Lake</b>						
Aquatic Life	Chlorophyll-a	5A		98.31		2020	L

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### Rappahannock River Basin

Cause Group Code	Water Name	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
Impaired Use	Cause						
<b>E01R-03-BEN</b>	<b>Hittles Mill Stream</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			3.83	2020	L
<b>E09R-01-BEN</b>	<b>Mountain Run</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			4.63	2020	L
<b>E09R-01-PCB</b>	<b>Mountain Run</b>						
Fish Consumption	Polychlorinated Biphenyls (PCBs)	5A			13.25	2020	H
<b>E09R-03-BEN</b>	<b>Unnamed tributary to Jonas Run</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			0.53	2020	L
<b>E09R-03-PCB</b>	<b>Unnamed tributaries to Mountain Run</b>						
Fish Consumption	Polychlorinated Biphenyls (PCBs)	5A			1.72	2020	L
<b>E15R-04-BEN</b>	<b>Little Dark Run</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			4.53	2020	L
<b>E23R-22-PCB</b>	<b>Mount Landing Creek</b>						
Fish Consumption	PCBs in Fish Tissue	5A			1.15	2020	L
<b>E25E-31-PCB</b>	<b>Urbanna Creek</b>						
Fish Consumption	PCBs in Fish Tissue	5A	0.452			2020	L

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### Roanoke and Yadkin River Basins

Cause Group Code	Water Name	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
Impaired Use	Cause						
<b>L07R-02-BAC</b>	Merriman Run, UT (XUO)						
Recreation	Escherichia coli (E. coli)	5A			0.88	2020	L
<b>L07R-04-BEN</b>	Lynville Creek						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			4.84	2020	L
<b>L18R-05-BEN</b>	Jonnikin Creek						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			4.52	2020	L
<b>L51L-01-DO</b>	Philpott Reservoir						
Aquatic Life	Dissolved Oxygen	5A		1,592.16		2020	L
<b>L51L-01-TEMP</b>	Philpott Reservoir						
Aquatic Life	Temperature	5A		2,813.52		2020	L
<b>L52R-04-BEN</b>	Smith River						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			5.84	2020	L
<b>L57R-04-BEN</b>	Cascade Creek						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			11.81	2020	L
<b>L57R-05-BEN</b>	Pumpkin Creek						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			3.72	2020	L
<b>L57R-06-HG</b>	Dan River						
Fish Consumption	Mercury in Fish Tissue	5A			4.16	2020	L
<b>L64R-02-BEN</b>	Miry Creek						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			13.06	2020	L
<b>L76L-01-BAC</b>	Buffalo Creek						
Recreation	Escherichia coli (E. coli)	5A		358.96		2020	L
<b>L80R-01-BEN</b>	Great Creek						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			6.68	2020	L
<b>L81R-03-BEN</b>	Little Poplar Creek						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			6.51	2020	L
<b>M02R-01-BAC</b>	Lovills Creek, Stewarts Creek and Pauls Creek						
Recreation	Escherichia coli (E. coli)	5A			4.26	2020	L

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### Chowan River and Dismal Swamp Basins

Cause Group Code	Water Name	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
Impaired Use	Cause						
<b>K01R-05-BEN</b>	<b>Kitts Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			4.75	2020	L
<b>K08R-06-BAC</b>	<b>Greenville Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			3.77	2020	L
<b>K13R-05-BAC</b>	<b>Meherrin River (Lower)</b>						
Recreation	Escherichia coli (E. coli)	5A			4.52	2020	L
<b>K14R-02-BEN</b>	<b>Big Hounds Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			10.34	2020	L
<b>K14R-04-BAC</b>	<b>Nottoway River</b>						
Recreation	Escherichia coli (E. coli)	5A			7.26	2020	L
<b>K14R-05-BAC</b>	<b>Falls Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			5.29	2020	L
<b>K14R-06-BEN</b>	<b>UT to Big Hounds Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			3.57	2020	L
<b>K16R-07-BAC</b>	<b>Seay Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			7.48	2020	L
<b>K19R-04-HG</b>	<b>Nottoway River and Tributaries</b>						
Fish Consumption	Mercury in Fish Tissue	5A			10.75	2020	L
<b>K19R-06-BAC</b>	<b>Nottoway River</b>						
Recreation	Escherichia coli (E. coli)	5A			13.84	2020	L
<b>K23R-11-BAC</b>	<b>Hatcher Run</b>						
Recreation	Escherichia coli (E. coli)	5A			16.22	2020	L
<b>K23R-12-BAC</b>	<b>Warren Swamp</b>						
Recreation	Escherichia coli (E. coli)	5A			1.21	2020	L
<b>K23R-13-BAC</b>	<b>Joseph Swamp, UT</b>						
Recreation	Escherichia coli (E. coli)	5A			1.39	2020	L
<b>K24R-03-BAC</b>	<b>Hunting Quarter Swamp</b>						
Recreation	Escherichia coli (E. coli)	5A			56.97	2020	L
<b>K28R-07-BAC</b>	<b>Nottoway River - Upper</b>						
Recreation	Escherichia coli (E. coli)	5A			4.44	2020	L
<b>K30R-01-PCB</b>	<b>Nottoway River -Lower Middle</b>						
Fish Consumption	PCBs in Fish Tissue	5A			4.54	2020	L
<b>K35R-07-BAC</b>	<b>Roundhill Swamp</b>						
Recreation	Escherichia coli (E. coli)	5A			4.02	2020	L
<b>K36R-09-BAC</b>	<b>Black Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			4.95	2020	L
<b>K39R-04-DO</b>	<b>Cypress Swamp</b>						
Aquatic Life	Dissolved Oxygen	5A			4.56	2020	L

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### Tennessee and Big Sandy River Basins

Cause Group Code	Water Name	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
Impaired Use	Cause						
<b>O10R-01-PH</b>	Little Tumbling Creek						
Aquatic Life	pH	5A			5.79	2020	L
<b>O10R-08-TEMP</b>	Little Tumbling Creek						
Aquatic Life	Temperature	5A			5.79	2020	L
<b>O12R-04-BEN</b>	Rich Valley Unnamed Tributary						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			0.85	2020	L
<b>P04R-04-BEN</b>	Big Lick Creek						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			5.21	2020	L
<b>P06R-02-BEN</b>	Little Cedar Creek						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			6.04	2020	L
<b>P11R-12-PH</b>	Mill Creek						
Aquatic Life	pH	5A			2.24	2020	L
<b>P14R-03-BEN</b>	Obeys Creek						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			5.50	2020	L
<b>P20L-01-TEMP</b>	Lake Keokee						
Aquatic Life	Temperature	5A		96.21		2020	L
<b>P23R-04-BAC</b>	Powell River						
Recreation	Escherichia coli (E. coli)	5A			8.47	2020	L
<b>Q01R-03-BEN</b>	Beech Fork						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			2.67	2020	L
<b>Q09R-01-BAC</b>	Russell Fork and Tributaries						
Recreation	Escherichia coli (E. coli)	5A			2.08	2020	H
<b>Q10R-02-BEN</b>	Little Pawpaw Creek						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			2.93	2020	L
<b>Q12R-01-TEMP</b>	Russell Fork						
Aquatic Life	Temperature	5A			2.25	2020	L
<b>Q12R-06-BEN</b>	Grassy Creek						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			2.08	2020	L
<b>Q13R-08-BAC</b>	Indian Creek						
Recreation	Escherichia coli (E. coli)	5A			2.98	2020	L
<b>Q14R-01-BAC</b>	Cranesnest River and Tributaries						
Recreation	Escherichia coli (E. coli)	5A			6.33	2020	L

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### Chesapeake Bay/Atlantic/Small Coastal Basins

Cause Group Code	Water Name	Cause	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
<b>C01E-10-EBEN</b>	Cockrell Creek							
Aquatic Life		Estuarine Bioassessments	5A	0.612			2020	L
<b>C08E-19-BAC</b>	10th View Beach							
Recreation		Enterococcus	5A	0.152			2020	L
<b>C08E-20-BAC</b>	North Community Beach							
Recreation		Enterococcus	5A	0.044			2020	L
<b>C08E-22-BAC</b>	Long Creek							
Recreation		Enterococcus	5A	0.316			2020	L
<b>C08E-23-BAC</b>	Linkhorn Bay-Upper							
Recreation		Enterococcus	5A	0.004			2020	L
<b>C08R-01-BAC</b>	Little Neck Creek							
Recreation		Escherichia coli (E. coli)	5A			1.12	2020	L
<b>C12R-03-BAC</b>	Taylor Creek							
Recreation		Escherichia coli (E. coli)	5A			0.90	2020	L
<b>D01E-19-EBEN</b>	Chincoteague Bay							
Aquatic Life		Estuarine Bioassessments	5A	0.016			2020	L
<b>D02R-02-BAC</b>	Assawoman Creek							
Recreation		Escherichia coli (E. coli)	5A			1.02	2020	L
<b>D04E-02-DO</b>	Unnamed tributary to Red Bank Creek							
Aquatic Life		Dissolved Oxygen	5A	0.009			2020	L
<b>D04E-09-DO</b>	Quinby Harbor-Upshur Bay							
Aquatic Life		Dissolved Oxygen	5A	3.389			2020	L
<b>D06R-04-BAC</b>	Mill Creek							
Recreation		Escherichia coli (E. coli)	5A			2.23	2020	L
<b>D07E-11-BAC</b>	Lake Wesley - Upstream Branches							
Recreation		Enterococcus	5A	0.016			2020	L
<b>D07E-12-BAC</b>	Lake Rudee - Upper (northwest trib.)							
Recreation		Enterococcus	5A	0.007			2020	L

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### York River Basin

Cause Group Code	Water Name	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
Impaired Use	Cause						
<b>F01R-04-BEN</b>	<b>South Anna River</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			8.14	2020	L
<b>F14E-07-EBEN</b>	<b>Pamunkey River</b>						
Aquatic Life	Estuarine Bioassessments	5A	0.584			2020	L
<b>F21R-01-BAC</b>	<b>Boot Swamp</b>						
Recreation	Escherichia coli (E. coli)	5A			1.68	2020	L
<b>F23E-03-BAC</b>	<b>Mattaponi River</b>						
Recreation	Escherichia coli (E. coli)	5A	0.159			2020	L
<b>F23R-13-BAC</b>	<b>Dickeys Swamp</b>						
Recreation	Escherichia coli (E. coli)	5A			3.99	2020	H
<b>F23R-14-BAC</b>	<b>Dickeys Swamp</b>						
Recreation	Escherichia coli (E. coli)	5A			0.07	2020	L
<b>YRKMH-EBEN-BAY</b>	<b>Adams Creek - Upper and the lower York River</b>						
Aquatic Life	Estuarine Bioassessments	5A	0.116			2020	L

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### New River Basin

Cause Group Code Impaired Use	Water Name Cause	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
<b>N02R-01-TEMP</b> Aquatic Life	Wilson Creek Temperature	5A			13.52	2020	L
<b>N02R-02-BAC</b> Recreation	New River and Grassy Creek Escherichia coli (E. coli)	5A			0.42	2020	M
<b>N02R-03-BAC</b> Recreation	Wilson Creek Escherichia coli (E. coli)	5A			7.57	2020	M
<b>N04R-08-PH</b> Aquatic Life	New River pH	5A			0.42	2020	L
<b>N09R-04-TEMP</b> Aquatic Life	Crigger Creek Temperature	5A			4.20	2020	L
<b>N10R-01-TEMP</b> Aquatic Life	Reed Creek and Mill Creek Temperature	5A			6.39	2020	L
<b>N13R-01-TEMP</b> Aquatic Life	Big Reed Island Creek Temperature	5A			19.85	2020	L
<b>N15R-01-TEMP</b> Aquatic Life	Little Reed Island Creek Temperature	5A			5.28	2020	H
<b>N22R-04-BAC</b> Recreation	Toms Creek Escherichia coli (E. coli)	5A			5.71	2020	L
<b>N22R-05-BAC</b> Recreation	New River Escherichia coli (E. coli)	5A			11.13	2020	L

VA DEQ is transitioning from Fecal Coliform bacteria to Escherichia coli (fresh water) and Enterococci (salt water) for assessing the Recreation Use.

TMDL Development Priorities are: H (High) = formal EPA priority to be addressed with a plan by 2022; M (Medium) = DEQ priority that may be addressed with a plan by 2022; or L (Low) = not prioritized to be addressed with a plan by 2022.

Multiple listings are due to the same impairments for different uses and/or different initial listing dates for adjacent waters.