APPENDIX 3 WATERS IDENTIFIED FOR DELISTING SINCE THE 2020 REPORT

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

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

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

The following is the list of water-quality limited waters that have full or partial delists for the 2022 assessment.

Virginia Department of Environmental Quality
Appendix 2 - Waters Identified for Delisting Since 2020 Report

Potomac and Shenandoah River Basins

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAN-A11R_DIF01A00 -Difficult Run -3.18 Miles - Fish Consumption -Heptachlor epoxide	PARTIAL DELIST 2022 - Heptachlor epoxide - A11R-01-HEPOXID, VAN-A11R-01 (CFL 2006) During the 2006 through 2020 cycles, this cause parameter was listed as "Heptachlor epoxide" even though the impairment was based on heptachlor epoxide in fish tissue. The 2022 Data Entry Manual specifies that all parameters are assumed to be found in the water column unless the <U+0093>in fish tissue<U+0094> or <U+0093>in sediment<U+0094> qualifier is specified. As such, this cause parameter was updated to "Heptachlor epoxide in Fish Tissue" and this "Heptachlor epoxide" parameter is being delisted since it is not applicable because the impairment is not based on heptachlor epoxide in the water column.
-VAN-A12E_FOU01A00 -Four Mile Run -0.050 Square Miles - Fish Consumption -Chlordane	PARTIAL DELIST 2022 - Chlordane - A12E-01-CDANE, CB-POTTF (CFL 2010) During the 2010 through 2020 cycles, this cause parameter was listed as "Chlordane" even though the impairment was based on Chlordane in fish tissue. The 2022 Data Entry Manual specifies that all parameters are assumed to be found in the water column unless the <U+0093>in fish tissue<U+0094> or <U+0093>in sediment<U+0094> qualifier is specified. As such, this cause parameter was updated to "Chlordane in Fish Tissue" and this "Chlordane" parameter is being delisted since it is not applicable because the impairment is not based on chlordane in the water column.
-VAN-A12R_PIM01A00 -Pimmit Run -1.65 Miles - Fish Consumption -Heptachlor epoxide	PARTIAL DELIST 2022 - Heptachlor epoxide - A12R-03-HEPOXID, VAN-A12R-02 (CFL 2006) During the 2006 through 2020 cycles, this cause parameter was listed as "Heptachlor epoxide" even though the impairment was based on heptachlor epoxide in fish tissue. The 2022 Data Entry Manual specifies that all parameters are assumed to be found in the water column unless the <U+0093>in fish tissue<U+0094> or <U+0093>in sediment<U+0094> qualifier is specified. As such, this cause parameter was updated to "Heptachlor epoxide in Fish Tissue" and this "Heptachlor epoxide" parameter is being delisted since it is not applicable because the impairment is not based on heptachlor epoxide in the water column.
-VAN-A16E_POH01A06 -Pohick Bay -0.461 Square Miles - Fish Consumption -Benzo[k]fluoranthene	PARTIAL DELIST 2022 - benzo(k)fluoranthene - A16E-01-BZOKFL - CB-POTTF (CFL 2004) During previous cycles, this segment was assessed as impaired due to exceedances of the water quality criterion based fish tissue value (TV) of 5.5 parts per billion (ppb) for benzo(k)fluoranthene recorded in two total samples of three species of fish (bullhead catfish, white perch, and sunfish) collected in 1996 at station 1aPOH003.56 (identified as station 1aPOH004.79 at the time, and noted as 1APOH002.27 in the most recent version of the fish tissue spreadsheet). In the 2022 assessment, the water quality criterion based TV was updated to 500 parts per billion. None of the historical fish tissue samples exceed the updated TV; therefore, this segment is being submitted for delist for benzo(k)fluoranthene. Because no new data are available for assessment, this parameter is being removed from the fish consumption use.
-VAN-A26E_POW02A02 -Powells Creek -0.402 Square Miles - Fish Consumption -Benzo[k]fluoranthene	PARTIAL DELIST 2022 - benzo(k)fluoranthene - A26E-01-BZOKFL - CB-POTTF (CFL 2004) During previous cycles, this segment was assessed as impaired due to exceedances of the water quality criterion based fish tissue value (TV) of 5.5 parts per billion (ppb) for benzo(k)fluoranthene recorded in two total samples of two species (largemouth bass and sunfish) collected in 1996 at station 1aPOW001.20. In the 2022 assessment, the water quality criterion based TV was updated to 500 parts per billion. None of the historical fish tissue samples exceed the updated TV; therefore, this segment is being submitted for delist for benzo(k)fluoranthene. Because no new data are available for assessment, this parameter is being removed from the fish consumption use.
-VAN-A30E_DEE01A00 -Deep Creek -0.019 Square Miles - Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 through 2020 cycles, the mesohaline portion of the Potomac River failed the open-water subuse's 30-day mean summer dissolved oxygen criterion. For the 2022 cycle, assessment of the 30-day mean dissolved oxygen values during the summer season indicates that the open-water aquatic life subuse is met and should be delisted. The Chesapeake Bay TMDL was issued by the EPA on 12/29/2010.
-VAN-A30E_DEE01A00 -Deep Creek -0.019 Square Miles - Shellfishing -Fecal Coliform	Designated Use Removed - See Appendix 3

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAN-A30E_GAM01A02 -Gambo Creek -0.163 Square Miles - Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 through 2020 cycles, the mesohaline portion of the Potomac River failed the open-water subuse's 30-day mean summer dissolved oxygen criterion. For the 2022 cycle, assessment of the 30-day mean dissolved oxygen values during the summer season indicates that the open-water aquatic life subuse is met and should be delisted. The Chesapeake Bay TMDL was issued by the EPA on 12/29/2010.
-VAN-A30E_UMC01A02 -Upper Machodoc Creek -0.027 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 through 2020 cycles, the mesohaline portion of the Potomac River failed the open-water subuse's 30-day mean summer dissolved oxygen criterion. For the 2022 cycle, assessment of the 30-day mean dissolved oxygen values during the summer season indicates that the open-water aquatic life subuse is met and should be delisted. The Chesapeake Bay TMDL was issued by the EPA on 12/29/2010.
-VAN-A30E_UMC01B06 -Upper Machodoc Creek -0.058 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 through 2020 cycles, the mesohaline portion of the Potomac River failed the open-water subuse's 30-day mean summer dissolved oxygen criterion. For the 2022 cycle, assessment of the 30-day mean dissolved oxygen values during the summer season indicates that the open-water aquatic life subuse is met and should be delisted. The Chesapeake Bay TMDL was issued by the EPA on 12/29/2010.
-VAN-A30E_UMC02A04 -Upper Machodoc Creek -0.028 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 through 2020 cycles, the mesohaline portion of the Potomac River failed the open-water subuse's 30-day mean summer dissolved oxygen criterion. For the 2022 cycle, assessment of the 30-day mean dissolved oxygen values during the summer season indicates that the open-water aquatic life subuse is met and should be delisted. The Chesapeake Bay TMDL was issued by the EPA on 12/29/2010.
-VAN-A30E_UMC03A04 -Upper Machodoc Creek -0.043 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 through 2020 cycles, the mesohaline portion of the Potomac River failed the open-water subuse's 30-day mean summer dissolved oxygen criterion. For the 2022 cycle, assessment of the 30-day mean dissolved oxygen values during the summer season indicates that the open-water aquatic life subuse is met and should be delisted. The Chesapeake Bay TMDL was issued by the EPA on 12/29/2010.
-VAN-A30E_UMC03B10 -Upper Machodoc Creek -0.049 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 through 2020 cycles, the mesohaline portion of the Potomac River failed the open-water subuse's 30-day mean summer dissolved oxygen criterion. For the 2022 cycle, assessment of the 30-day mean dissolved oxygen values during the summer season indicates that the open-water aquatic life subuse is met and should be delisted. The Chesapeake Bay TMDL was issued by the EPA on 12/29/2010.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAN-A30E_UMC03B10 -Upper Machodoc Creek -0.049 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform (Shellfishing) = A30E-07-SF (CFL 2014) In 2014, this assessment unit was categorized as impaired due to Section D of the Virginia Department of Health Notice and Description of Shellfish Area Condemnation Number 001A-036, Upper Machodoc Creek, dated 05/15/12, that categorized this assessment unit as restricted. In 2016 through 2020 cycles, the impairment was erroneously continued based on seasonal restrictions, even though the 2018, 2020, and 2022 assessment guidance Table 2 specifically notes that a seasonally restricted shellfish area should be noted as an observed effect. In 2022, the shellfish use is being delisted so that the shellfish use can be categorized as an observed effect based on VDH Notice and Description of Shellfish Area Condemnation Number 001A-36, Upper Machodoc Creek, Section M1, effective June 15, 2019: "Seasonally Condemned Shellfish Area Number 001A-036, shown as Section M1 is hereby established effective 15 June 2019, and shall remain in force annually thereafter for the period beginning the first day of April through the last day of October until rescinded. It shall be unlawful for any person, firm or corporation to take shellfish from this area during such period for any purpose, except by permit granted by the Marine Resources Commission, as provided in <U+00A7> 28.2-810 of the Code of Virginia."
-VAN-A30E_UMC04A10 -Upper Machodoc Creek -0.765 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 through 2020 cycles, the mesohaline portion of the Potomac River failed the open-water subuse's 30-day mean summer dissolved oxygen criterion. For the 2022 cycle, assessment of the 30-day mean dissolved oxygen values during the summer season indicates that the open-water aquatic life subuse is met and should be delisted. The Chesapeake Bay TMDL was issued by the EPA on 12/29/2010.
-VAN-A30E_UMC04C06 -Upper Machodoc Creek -0.495 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 through 2020 cycles, the mesohaline portion of the Potomac River failed the open-water subuse's 30-day mean summer dissolved oxygen criterion. For the 2022 cycle, assessment of the 30-day mean dissolved oxygen values during the summer season indicates that the open-water aquatic life subuse is met and should be delisted. The Chesapeake Bay TMDL was issued by the EPA on 12/29/2010.
-VAN-A30E_UMC05A02 -Upper Machodoc Creek -0.053 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 through 2020 cycles, the mesohaline portion of the Potomac River failed the open-water subuse's 30-day mean summer dissolved oxygen criterion. For the 2022 cycle, assessment of the 30-day mean dissolved oxygen values during the summer season indicates that the open-water aquatic life subuse is met and should be delisted. The Chesapeake Bay TMDL was issued by the EPA on 12/29/2010.
-VAN-A30E_UMC05A02 -Upper Machodoc Creek -0.053 Square Miles - Shellfishing -Fecal Coliform	Designated Use Removed - See Appendix 3
-VAN-A30E_UMC05B20 -Upper Machodoc Creek -0.465 Square Miles - Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 through 2020 cycles, the mesohaline portion of the Potomac River failed the open-water subuse's 30-day mean summer dissolved oxygen criterion. For the 2022 cycle, assessment of the 30-day mean dissolved oxygen values during the summer season indicates that the open-water aquatic life subuse is met and should be delisted. The Chesapeake Bay TMDL was issued by the EPA on 12/29/2010.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAN-A30E_UMC05B20 -Upper Machodoc Creek -0.465 Square Miles - Shellfishing -Fecal Coliform	Designated Use Removed - See Appendix 3
-VAN-A30E_WLL01A02 -Williams Creek -0.041 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 through 2020 cycles, the mesohaline portion of the Potomac River failed the open-water subuse's 30-day mean summer dissolved oxygen criterion. For the 2022 cycle, assessment of the 30-day mean dissolved oxygen values during the summer season indicates that the open-water aquatic life subuse is met and should be delisted. The Chesapeake Bay TMDL was issued by the EPA on 12/29/2010.
-VAN-A30E_WLL01B10 -Williams Creek -0.113 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 through 2020 cycles, the mesohaline portion of the Potomac River failed the open-water subuse's 30-day mean summer dissolved oxygen criterion. For the 2022 cycle, assessment of the 30-day mean dissolved oxygen values during the summer season indicates that the open-water aquatic life subuse is met and should be delisted. The Chesapeake Bay TMDL was issued by the EPA on 12/29/2010.
-VAN-A30E_WLL02A02 -Williams Creek -0.022 Square Miles - Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 through 2020 cycles, the mesohaline portion of the Potomac River failed the open-water subuse's 30-day mean summer dissolved oxygen criterion. For the 2022 cycle, assessment of the 30-day mean dissolved oxygen values during the summer season indicates that the open-water aquatic life subuse is met and should be delisted. The Chesapeake Bay TMDL was issued by the EPA on 12/29/2010.
-VAP-A30E_ZZZ01A10 -Unsegmented estuaries in A30 -0.034 Square Miles - Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A31E_BRG01A04 -Bridges Creek -0.182 Square Miles - Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A31E_GLD01A00 -Goldman Creek -0.038 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A31E_MAO01A98 -Mattox Creek -0.360 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A31E_MAO01B10 -Mattox Creek -0.366 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A31E_MAO02A00 -Mattox Creek -0.318 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A31E_MAO05A08 -Mattox Creek -0.007 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A31E_MON01A00 -Monroe Creek/Monroe Bay -0.176 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A31E_MON02A98 -Monroe Bay -0.355 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A31E_MON03A98 -Monroe Bay -0.172 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A31E_MON03B16 -Monroe Bay -0.063 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A31E_MON04A00 -Monroe Bay -0.221 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A31E_MON05A04 -Monroe Bay -0.002 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A31E_POP01A98 -Popes Creek -0.576 Square Miles - Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A31E_ROS01A08 -Rosier Creek -0.280 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A31E_ROS01A98 -Rosier Creek -0.206 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A31E_ROS02A00 -Rosier Creek -0.125 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.

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Appendix 2 - Waters Identified for Delisting Since 2020 Report

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A31E_XFF01A04 -XFF - Mattox Creek, UT -0.010 Square Miles - Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A31E_ZZZ01A14 -Unsegmented estuaries in A31 -0.006 Square Miles - Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A31E_ZZZ01B14 -Unsegmented estuaries in A31 -0.317 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A31R_ZZZ01C22 -Unsegmented estuaries in A31 -9.12 Miles - Recreation -Escherichia coli (E. coli)	DELIST 2022 - 9.12 mi2 E. coli - A31R-02-BAC (CFL 2020) During the 2020 cycle, the nontidal Mattox Creek watershed was impaired of the Recreation Use due to an E. coli exceedance rate of 4/11 at 1AMAO007.46. However, the TMDL was completed and was adopted by the EPA on 12/4/2006 and by the SWCB on 7/31/2008; therefore, the impairment is considered Category 4A for the Recreation Use. New bacteria criteria were implemented in the 2022 cycle. No additional data was collected; however, re-analysis confirmed the impairment due to two or more STV exceedances in the same 90-day period with <10 samples. However, in the 2022 cycle, it was determined that the TMDL only addressed the tributaries above the tidal limit, which is also where the listing station is. The tributaries below the tidal limit have been removed from the impaired segment (partially delisted.)
-VAP-A32E_BAN01A00 -Barnes Creek -0.027 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_BAN02A08 -Barnes Creek -0.057 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A32E_BRA01A98 -Branson Cove -0.020 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_BUB01B16 -Buckner Creek -0.121 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_BUB01C22 -Buckner Creek -0.062 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_BUB01C22 -Buckner Creek -0.062 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - 0.0617 mi2 Fecal Coliform - A32E-05-SF (CFL 1998) VDH Shellfish Condemnation 004-082, 4/15/2020 - open The upper portion of Buckner Creek was assessed as impaired of the Shellfish Use during the 1998 cycle due to VDH shellfish advisory 082D, 2/10/1997. Although the closure was expanded during the 2008 cycle (004-082B 1/27/2006), the 2007 TMDL ""Chesapeake Bay: Potomac River: Nomini Creek Watershed Total Maximum Daily Load (TMDL) Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination"" only addressed the original upstream impaired area, which is classified as Category 4A. In the 2016 cycle, the condemnation shrank (004-082B, 1/22/2014); the condemned area remained Category 4A and the lower portion was partially delisted (Category 2C.) The condemnation expanded past the 1997 advisory boundary again in the 2018 cycle. See A32E-07-SF In the 2020 cycle, it was a portion of VDH Shellfish Condemnation 004-082B, 2/13/2018. The condemned area shrank significantly in the 2022 cycle and became smaller than the TMDL area. The expansion will be delisted; the re-opened part of the TMDL area will be partially delisted. 2006 VAP-A32E-05 and 00910 / 2008 A32E-05-SF
-VAP-A32E_BUB02A06 -Buckner Creek -0.328 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_BUB02B14 -Buckner Creek -0.065 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A32E_BUB02B14 -Buckner Creek -0.065 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - A32E-07-SF (CFL 2018) VDH Shellfish Condemnation 004-082, 4/15/2020 - open The upper portion of Buckner Creek was assessed as impaired of the Shellfish Use during the 1998 cycle due to VDH shellfish advisory 082D, 2/10/1997. Although the closure was expanded during the 2008 cycle (004-082B 1/27/2006), the 2007 TMDL "Chesapeake Bay: Potomac River: Nomini Creek Watershed Total Maximum Daily Load (TMDL) Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination" only addressed the original upstream impaired area, which is classified as Category 4A. The condemnation expanded past the 1997 advisory boundary again in the 2018 cycle. The impairment was considered nested in the upstream TMDL (Category 4A.) In the 2020 cycle, it was a portion of VDH Shellfish Condemnation 004-082B, 2/13/2018. The condemned area shrank significantly in the 2022 cycle and became smaller than the TMDL area. The expansion will be delisted; the re-opened part of the TMDL area will be partially delisted.
-VAP-A32E_CAP01A04 -Cabin Point Creek -0.123 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_CAP01A04 -Cabin Point Creek -0.123 Square Miles - Shellfishing -Fecal Coliform	Designated Use Removed - See Appendix 3
-VAP-A32E_CHB01A98 -Cold Harbor Bay -0.083 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_CHB02A06 -Cold Harbor Creek / Currioman Bay -0.044 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_CHB02A06 -Cold Harbor Creek / Currioman Bay -0.044 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - A32E-03-SF (CFL 2020) VDH-DSS Shellfish Condemnation 004-184M1, 3/15/2019 Cold Harbor Creek was mistakenly assessed as impaired in the 1998 cycle due to VDH-DSS Shellfish Condemnation 184A, 6/21/1996. The area had been reopened on 2/10/1997; therefore, it should have been assessed as fully supporting. A portion of the creek was first listed appropriately in the 2004 cycle. The impairment was addressed in the "Chesapeake Bay: Potomac River: Nomini Creek Watershed Total Maximum Daily Load (TMDL) Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination" report, which was approved by the EPA on 8/22/2007 and by the SWCB on 7/31/2008. Allocations were given to nonpoint sources. During the 2020 cycle, the condemnation expanded outside the original 1998 impairment (VDH-DSS Shellfish Condemnation 004-184A, 2/14/2017). The expansion was outside the TMDL area; it was considered nested. In the 2022 cycle, the condemnation shrank back to the TMDL extent and this expansion is seasonally condemned and will be delisted.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A32E_CRB02A00 -Currioman Bay -0.729 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_CRB03A14 -Currioman Bay -0.923 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_CUR01A98 -Currioman Creek -0.052 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_CUR01B08 -Currioman Creek -0.020 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_DAV01A08 -Davis Creek -0.042 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_DAV01B22 -Davis Creek -0.016 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_DAV01B22 -Davis Creek -0.016 Square Miles - Shellfishing -Fecal Coliform	Designated Use Removed - See Appendix 3

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Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A32E_GLB01A00 -Glebe Creek -0.039 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_GLB02A08 -Aimes and Glebe Creeks -0.120 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_GLB02B18 -Aimes and Glebe Creeks -0.015 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_JUL01A08 -Jules Creek -0.045 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_JUL01A08 -Jules Creek -0.045 Square Miles - Shellfishing -Fecal Coliform	Designated Use Removed - See Appendix 3
-VAP-A32E_LOW01A04 -Lower Machodoc Creek -0.370 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_LOW01B18 -Lower Machodoc Creek -0.220 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A32E_LOW01C20 -Lower Machodoc Creek -0.165 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_LOW02A00 -Lower Machodoc Creek -0.047 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_LOW02B16 -Lower Machodoc Creek -0.687 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_LOW02C12 -Lower Machodoc Creek, UT -0.059 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_LOW02D16 -Lower Machodoc Creek -2.145 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_MAT01A08 -Matthews Cove -0.019 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_MAT01A08 -Matthews Cove -0.019 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - A32E-17-SF (CFL 2008) Previously condemned under VDH Condemnation Notice 004-082E, 2/13/2018. The impairment was considered nested within the Nomini Creek Shellfish TMDL, which was approved by the EPA on 8/22/2007 and by the SWCB on 7/31/2008. The area is open for harvest in the 2022 cycle (004-082, 4/15/2020) and will be delisted.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A32E_NOM01A04 -Nomini Creek, Pierce Creek -0.315 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_NOM01A98 -Nomini Creek -0.540 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_NOM02A00 -Nomini Creek -4.648 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_NOP01A02 -North Prong Buckner Creek -0.023 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_NOP02A08 -North Prong Buckner Creek -0.032 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_PEI01A98 -Pierce Creek -0.142 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_POO01A08 -Poor Jack Creek -0.147 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A32E_POO01A08 -Poor Jack Creek -0.147 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - A32E-14-SF (CFL 2008) VDH Condemnation Notice 004-184, 3/15/2019 - open In the 2022 cycle, Poor Jack Creek was impaired due to VDH Condemnation Notice 004-184C, 2/14/2017. The impairment was considered nested in the neighboring Currioman Creek Shellfish TMDL, which was approved by the EPA on 8/22/2007 and by the SWCB on 7/31/2008. The area was open for harvest in the 2022 cycle and will be delisted.
-VAP-A32E_WEA02A04 -Weatherall Creek -0.055 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_ZZZ01A14 -Unsegmented estuaries in A32 -0.009 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A32E_ZZZ01B14 -Unsegmented estuaries in A32 -0.053 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_BOM01A98 -Bonum Creek -0.149 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_BOM01B10 -Bonum Creek -0.061 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_DRM01A20 -Drum Cove -0.027 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A33E_DUA01A04 -Dungan Cove -0.021 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_DUA01B08 -Dungan Cove -0.064 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_DUA02A22 -Dungan Cove -0.003 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_GAD01A98 -Gardner Creek -0.009 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_GAD01B14 -Gardner Creek, UT -0.049 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_GAD01C20 -Gardner Creek -0.089 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_GAD01D22 -Gardner Creek, UT -0.022 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A33E_GAD01D22 -Gardner Creek, UT -0.022 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - 0.0215 mi2 Fecal Coliform - A33E-01-SF (CFL 1998) VDH-DSS Condemnation Number 006-143S1, 7/15/2020 - seasonally condemned Gardner Creek was included on the 1998 303(d) list due to VDH condemnation 143, 6/26/1996. The Shellfish Bacterial TMDL for Gardner Creek was developed during the 2010 cycle. The TMDL addressed the maximum extent of the condemnation, which occurred in condemnation 006-143A, 5/5/2005. The condemnation has expanded and contracted several times. During the 2014 cycle, the condemnation shrank again. The open area was partially delisted (0.0522 mi2) and is considered Category 2C. Condemnation shrank further in the 2018 cycle. In the 2022 cycle, the UT which was previously addressed in VDH-DSS Condemnation Number 006-143E, 6/19/2018 converted to seasonally condemned and will be partially delisted.
-VAP-A33E_GAD01E22 -Gardner Creek -0.050 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_GAD01E22 -Gardner Creek -0.050 Square Miles - Shellfishing -Fecal Coliform	Designated Use Removed - See Appendix 3
-VAP-A33E_GAD02A00 -Gardner Creek -0.013 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_HAM01A02 -Hampton Hall Branch -0.231 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_HAM01B20 -Hampton Hall Branch -0.020 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_HAM01C20 -Hampton Hall Branch -0.022 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A33E_JCK01A98 -Jackson Creek -0.096 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_JCK01B18 -Jackson Creek -0.033 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_JCK01C20 -Jackson Creek -0.008 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_KIN01A12 -Kinsale Branch -0.108 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_LOG01A98 -Lodge Creek -0.030 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_LOG02A98 -Lodge Creek -0.138 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_LOG02B10 -Lodge Creek -0.074 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A33E_LOG02C12 -Lodge Creek -0.058 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_LOG03A08 -Lodge Creek -0.019 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_MIA01A98 -Mill Creek -0.120 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_MIA01B10 -Mill Creek -0.064 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_MIA01C20 -Mill Creek -0.029 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_RAG01A06 -Ragged Point Bay -0.226 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_SHA01A98 -Shannon Branch -0.036 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A33E_SHA01A98 -Shannon Branch -0.036 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - A33E-12-SF (CFL 2006) Portion of VDH-DSS Condemnation 007-028S95, 10/15/2020 Shannon Branch was initially impaired of the Shellfish Use in the 2018 cycle. The Shellfish Use impairment was considered nested within the neighboring White Point Creek Shellfish TMDL. The TMDL was included in the Yeocomico River Watershed Shellfish TMDL Report, which was approved by the EPA on 6/8/2006 and by the SWCB on 4/28/2009. In the 2022 cycle, VDH-DSS condemnation 007-028A, 10/2/2018 was rescinded and the area is now seasonally condemned (fully supporting with observed effects) and will be delisted.
-VAP-A33E_SHA02A20 -Shannon Branch -0.050 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_SHA03A06 -Shannon Branch -0.035 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_SOV01A02 -South Yeocomico River -0.565 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_SOV02A06 -South Yeocomico River -0.077 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_WES01A06 -West Yeocomico River, UT -0.030 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_WES01B12 -West Yeocomico River -0.052 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A33E_WES02A06 -West Yeocomico River -0.273 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_WES02B22 -West Yeocomico River -0.068 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_WES03A20 -West Yeocomico River, UT -0.004 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_WHP01A98 -White Point Creek -0.021 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_WHP01B18 -White Point Creek -0.035 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_WHP01C20 -White Point Creek -0.023 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_WHP03A06 -NW Yeocomico (White Point Creek/Shannon Branch) -0.033 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A33E_YEO01A02 -Yeocomico River and Tributaries -1.878 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_ZZZ01A14 -Unsegmented estuaries in A33 -1.289 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A33E_ZZZ01C14 -Unsegmented estuaries in A33 -0.202 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_BAC01A12 -Back Creek -0.038 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0380 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-A34E_BBC01A08 -Bridgemans Back Creek -0.028 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0283 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-A34E_BOT01A04 -Boathouse Creek -0.067 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A34E_BRD01A98 -Bridgeman Creek -0.045 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_BRI01A20 -Bridge Creek -0.017 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0172 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-A34E_BRI01C98 -Bridge Creek -0.087 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0870 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-A34E_BRI02A20 -Bridge Creek -0.039 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0388 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-A34E_BRI02B20 -Bridge Creek -0.009 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0089 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-A34E_BRI02C98 -Bridge Creek -0.042 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0415 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A34E_COA01A02 -Coan River -0.022 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_COA01A98 -Coan River -0.271 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_COA01B16 -Coan River -0.078 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_COA02A02 -Coan River -2.173 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_COA02B20 -Coan River -0.532 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_COC01A98 -Cod Creek -0.049 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_COC01B02 -Cod Creek, UT -0.054 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A34E_COC02A14 -Cod Creek -0.050 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_COC02B14 -Cod Creek, UT -0.025 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_COC03A22 -Cod Creek, UT -0.014 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_COO01A98 -Cod Creek -0.037 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0369 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-A34E_COO01B20 -Cod Creek -0.041 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0411 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-A34E_CUT01A98 -Cubitt Creek -0.225 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A34E_ELL01A06 -Ellyson Creek -0.043 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0431 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-A34E_ELL01B22 -Ellyson Creek, UT -0.014 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0142 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-A34E_FLP01A10 -Flag Pond -0.035 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_FTN01A06 -Fountain Cove -0.069 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_FTN01A06 -Fountain Cove -0.069 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - A34E-10-SF (CFL 2020) Portion of VDH-DSS Condemnation 009-142S177, 6/15/2020 A portion of Fountain Cove was initially listed as impaired of the Shellfish Use in the 2006 cycle because of VDH-DSS Shellfish Condemnation 141B, 12/22/2004 (A34E-06-SF). The Shellfish TMDL for Hull Creek was developed based on the maximum extent of the impairment (8/21/2000), which included Fountain Cove. The TMDL was approved by the EPA on 11/16/2009 and by the SWCB on 9/30/2010. During the 2014 cycle, Fountain Cove was reopened for harvest; therefore, the segment was delisted (Category 2C). It was relisted in the 2020 cycle (Category 4A) due to VDH-DSS Condemnation 009-142F, 4/13/2017. The area converted to seasonally condemned in the 2022 cycle and will be delisted (Category 2C/2B.)
-VAP-A34E_GLE01A04 -The Glebe -0.045 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A34E_GLE01A98 -The Glebe -0.132 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_GLE03A00 -The Glebe -0.677 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_GLE03B20 -Glebe Creek -0.056 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_GLE03C22 -The Glebe, UT -0.015 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_GLE03D22 -The Glebe, UT -0.022 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_GLE04A04 -Wrights Cove, UT -0.046 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_HAC01A00 -Hack Creek -0.224 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A34E_HEA01A98 -Headly Cove -0.026 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_HUC02A22 -Hull Creek -0.088 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_HUL01A02 -Hull Creek and Floyd Cove -0.252 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_HUL01B12 -Hull Creek -0.273 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_HUL01C12 -Fleets Cove (Hull Creek, UT) -0.024 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_KIN01A00 -Kingscote Creek -0.337 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_KIN02A06 -Kingscote Creek -0.007 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A34E_KIN03A06 -Kingscote Creek -0.006 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_KIN04A06 -Kingscote Creek, UT -0.009 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_KIN05A22 -Kingscote Creek, UT -0.012 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_KNC01A98 -Killneck Creek -0.027 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_KNC01B06 -Killneck Creek, UT -0.014 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_KNC02A10 -Killneck Creek -0.021 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_LIS01A02 -Little Wicomico River -0.085 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0847 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A34E_LIS01A98 -Little Wicomico River -0.128 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.128 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-A34E_LIS01D20 -Little Wicomico River -0.075 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0748 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-A34E_LIS02D22 -Sloop Creek -0.018 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0182 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-A34E_LIS04B12 -Little Wicomico River, UT -0.024 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0242 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-A34E_MII01A06 -Mill Creek -0.096 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_MII01B22 -Mill Creek -0.009 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A34E_MII01B22 -Mill Creek -0.009 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - 0.0089 mi2 Fecal Coliform - A34E-05-SF2 (CFL 1998) Portion of VDH-DSS Condemnation Notice 008-214S6, 4/15/2020 - seasonally condemned Mill Creek and the upstream-most portion of the Coan River were assessed as impaired of the Shellfish Use in 1998 because of VDH SFC 145I, 2/25/1997. The impairment has expanded in several assessment cycles; however, only the original segment was included in "Coan River Watershed Total Maximum Daily Load (TMDL) Report for Six Shellfish Areas", which was completed during the 2006 cycle and approved by the EPA on 12/18/2003 and by the SWCB on 12/02/2004. It has subsequently shrunk, but Mill Creek remained impaired. In the 2022 cycle, the condemnation shrank further and split. The downstream portion of Mill Creek converted to seasonally condemned and will be partially delisted. The stream is classified as Category 4A/2C for the Shellfish Use.
-VAP-A34E_PRE01A98 -Presley Creek -0.332 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_ROG01A98 -Rogers Creek -0.035 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_ROG01B16 -Rogers Creek -0.023 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_SHR01A20 -Sharps Creek -0.032 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0321 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-A34E_SHR01A20 -Sharps Creek -0.032 Square Miles - Shellfishing -Fecal Coliform	Designated Use Removed - See Appendix 3

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-A34E_SPN01A04 -Spring Cove -0.010 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_XFI01A98 -XFI - Coan River, UT (Stevens Point) -0.038 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_XFJ01A98 -XFJ - Coan River, UT (aka Cellars Cove) -0.032 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_XFJ02A22 -XFJ - Coan River, UT (aka Cellars Cove) -0.027 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_XLV01A10 -XLV - Potomac River, UT (aka Corbin Pond) -0.043 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAP-A34E_ZZZ01A00 -Unsegmented estuaries in A34 -0.199 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - POTMH-DO-BAY (CFL 2014) During the 2014 cycle, the mesohaline portion of the Potomac River failed the Open Water Subuse's 30-day mean summer dissolved oxygen criterion. The rest-of-year 30-day mean was met and there was insufficient information to assess the remaining dissolved oxygen criteria. The impairment continued in the 2020 cycle. During the 2022 cycle, POTMH_VA met both the 30 day mean summer criteria and the 30-day rest-of-year criteria and will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, the parameter is Category 2C.
-VAV-B05R_ISC03A22 -Isaacs Creek -8.85 Miles - Aquatic Life -Benthic Macroinvertebrates Bioassessments	DELIST 2022- benthic macroinvertebrates-VAV-B05R-03 (2022) The new (2022) benthic impairment for VAV-B05R_ISC02A16 does not apply to VAV-B05R_ISC03A22. This assessment unit encompasses the waters upstream of the Lake Holiday dam. The benthic monitoring station is located below the Holiday Lake dam. Therefore, the benthic station is not suitable to assess this upstream portion of Issacs Creek. The benthic parameter is removed from VAV-B05R_ISC03A22.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAV-B06R_HOC01A00 -Hogue Creek -6.44 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B06R_HOC02A10 -Hogue Creek -6.29 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B06R_HOC03A10 -Hogue Creek -4.54 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B09R_ABR01A00 -Abrams Creek -11.18 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B09R_OPE01A00 -Opequon Creek -3.03 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B09R_OPE02A10 -Opequon Creek -6.03 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B09R_RED01A00 -Redbud Run -4.50 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B09R_RED02A10 -Redbud Run -2.00 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAV-B09R_XRD01A10 -Redbud Run x-trib -1.55 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B10R_BAK01A00 -Back Creek -10.73 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B10R_EDN01A00 -Eidson Creek -8.85 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B11R_MDL01A00 -Middle River -3.37 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B11R_MDL02A00 -Middle River -3.49 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B13R_ELK01A00 -Elk Run -4.13 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B13R_MFT01A00 -Moffett Creek -9.91 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B14R_CST01A00 -Christians Creek -18.61 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAV-B14R_CST02A00 -Christians Creek -14.34 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B14R_FMC01A00 -Folly Mills Creek -2.48 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B14R_FMC02A10 -Folly Mills Creek -7.34 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B14R_LMR01A00 -Long Meadow Run -11.06 Miles - Aquatic Life -Temperature	PARTIAL DELIST 2022 Long Meadow Run and tributary (Coleytown Run) from the headwaters downstream to its confluence with Christians Creek were originally listed on the 303(d) list for exceeding the State's water quality standard for temperature in the 2006 assessment period. This impairment was based on data collected at DEQ station 1BMDW000.18 (2 exceedances of 9 samples in the 2006 cycle). These waters were incorrectly considered a Class VI - Natural Trout Waters stream at the time of listing as there is a Class VI stream of the same name (Meadow Run) in the same County (Augusta). This mistake was discovered in the 2022 cycle. Long Meadow Run and Coleytown Run are classified as Class IV - Mountainous Zone Waters. Temperature data collected in 2022 at station 1BMDW000.18 fully supports aquatic life use (0 exceedances of 12 samples). As the original basis for the listing was incorrect, these streams should be removed from the 303(d) list in the 2022 cycle.
-VAV-B14R_XFM01A10 -Folly Mills Creek X-trib -4.33 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B15R_MDL01A00 -Middle River -17.85 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B15R_PCD01A00 -Polecat Draft -7.90 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAV-B17R_NTH01A00 -North River -3.49 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B18R_BRY01A02 -Briery Branch -1.47 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B18R_BVR01A00 -Beaver Creek -2.66 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B18R_BVR02A00 -Beaver Creek -3.64 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B19R_MSS01A00 -Mossy Creek -2.29 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B19R_MSS02A00 -Mossy Creek -5.10 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B19R_MSS03A10 -Mossy Creek -3.07 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B21R_DUR01A00 -Dry River -2.70 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAV-B21R_DUR02A00 -Dry River -2.21 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B21R_DUR03A00 -Dry River -1.66 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B22R_MDD01A00 -Muddy Creek -2.34 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B22R_MDD02A00 -Muddy Creek -1.34 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B22R_MDD03A00 -Muddy Creek -7.47 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B23R_NTH01A04 -North River -4.70 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B23R_NTH01B10 -North River -4.25 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B23R_NTH02A04 -North River -6.88 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAV-B23R_NTH03A04 -North River -3.33 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B23R_NTH04A04 -North River -2.22 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B24R_LGC01A00 -Long Glade Creek -11.22 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B25R_CKS01A00 -Cooks Creek -7.75 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B25R_CKS02A04 -Cooks Creek -6.64 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B26R_BLK01A00 -Blacks Run -11.64 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B27R_PLR01A00 -Pleasant Run -6.74 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B28R_NKD01A00 -Naked Creek -3.79 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAV-B28R_NKD02A10 -Naked Creek -3.33 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B29R_MIC01A00 -Mill Creek -2.79 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B29R_MIC02A00 -Mill Creek -3.47 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B30R_STH01A00 -South River -12.43 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B32R_STH01A04 -South River -5.38 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B32R_STH02A04 -South River -11.55 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B32R_STH03A04 -South River -7.44 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B34R_CBR01A00 -Cub Run -14.89 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAV-B35R_BON01A00 -Boone Run -6.53 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B35R_BON02A10 -Boone Run -7.29 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B37R_CUB01A00 -Cub Run -2.88 Miles - Aquatic Life -Temperature	PARTIAL DELIST 2022 Cub Run was listed on the 303(d) list for exceeding the State's water quality standard for temperature in the 2012 assessment cycle. This impairment was based on data collected at the Friends of the Shenandoah Level III station 1BCUB-FP12-FOSR (12 exceedances of 84 samples for temperature in the 2012 cycle). Temperature data collected in 2022 at co-located DEQ station 1BCUB000.40 supports aquatic life use with one exceedance of the temperature WQS out of 12 samples (8.3% exceedance). This station and the listing station are co-located at the Rt. 613 (Strole Farm Road) bridge. Level II temperature data collected at FOSR station 1BCUB-FP12-FOSR in 2022 is insufficient for assessment purposes but does show support of the temperature delist with seven exceedances of the temperature WQS out of 89 samples (7.8% exceedance). Based on the supporting data collected in 2022, this stream should be removed from the 303(d) list in the 2022 cycle.
-VAV-B37R_CUB02A10 -Cub Run -6.93 Miles - Aquatic Life -Temperature	PARTIAL DELIST 2022 Cub Run was listed on the 303(d) list for exceeding the State's water quality standard for temperature in the 2012 assessment cycle. This impairment was based on data collected at the Friends of the Shenandoah Level III station 1BCUB-FP12-FOSR (12 exceedances of 84 samples for temperature in the 2012 cycle). Temperature data collected in 2022 at co-located DEQ station 1BCUB000.40 supports aquatic life use with one exceedance of the temperature WQS out of 12 samples (8.3% exceedance). This station and the listing station are co-located at the Rt. 613 (Strole Farm Road) bridge. Level II temperature data collected at FOSR station 1BCUB-FP12-FOSR in 2022 is insufficient for assessment purposes but does show support of the temperature delist with seven exceedances of the temperature WQS out of 89 samples (7.8% exceedance). Based on the supporting data collected in 2022, this stream should be removed from the 303(d) list in the 2022 cycle.
-VAV-B38R_MLC01A00 -Mill Creek -7.07 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B39R_HKS02A00 -Hawksbill Creek -5.91 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B39R_HKS03A10 -Hawksbill Creek -3.84 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAV-B39R_HKS04A10 -Hawksbill Creek -2.78 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B39R_PSS01A00 -Pass Run -9.48 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B40R_FNT01A00 -Flint Run -4.10 Miles - Aquatic Life -Temperature	PARTIAL DELIST 2022 Flint Run was added to the 303(d) list for exceeding the State's water quality standard for temperature in the 2010 assessment cycle. This impairment was based on data collected at the Friends of the Shenandoah Level III station 1BFNT-FW21-FOSR (12 exceedances of 42 samples for temperature) in the 2010 cycle. Temperature data collected in the 2022 cycle at DEQ station 1BFNT002.16 supports aquatic life use with three exceedances of the temperature WQS out of 48 samples (6.3% exceedance). This station and the listing station are co-located at the Rt. 622 (Buck Mountain Road) bridge. No data was collected at 1BFNT-FW21-FOSR in the 2022 assessment cycle. Based on the supporting data collected at 1BFNT002.16, this stream is removed from the 303(d) list in the 2022 cycle.
-VAV-B40R_FNT01A00 -Flint Run -4.10 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B40R_FNT02A10 -Flint Run -3.35 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B40R_XFT01A10 -Flint Run X-trib -5.14 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B41R_HPY01A00 -Happy Creek -5.71 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B41R_HPY02A00 -Happy Creek -2.85 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAV-B45R_HMN01A00 -Holmans Creek -5.23 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B45R_HMN02A00 -Holmans Creek -2.65 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B45R_HMN03A00 -Holmans Creek -3.22 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B45R_NFS01A00 -North Fork Shenandoah River -3.59 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B45R_NFS01B14 -North Fork Shenandoah River -7.08 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B45R_NFS02A00 -North Fork Shenandoah River -4.48 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B45R_NFS03A00 -North Fork Shenandoah River -2.94 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B45R_TRL01A00 -Turley Creek -2.20 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAV-B45R_TRL02A00 -Turley Creek -1.84 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B46R_LNV01A00 -Linville Creek -5.38 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B46R_LNV02A04 -Linville Creek -9.00 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B47R_DFK01A00 -Dry Fork -10.85 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B47R_SMT01A00 -Smith Creek -14.10 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B47R_SMT02A00 -Smith Creek -5.44 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B47R_SMT03A00 -Smith Creek -6.89 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B47R_SMT04A00 -Smith Creek -9.22 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAV-B48R_MIL01A00 -Mill Creek -2.89 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B48R_MIL02A04 -Mill Creek -1.67 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B48R_NFS01A00 -North Fork Shenandoah River -12.25 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B49R_STY01A00 -Stony Creek -4.59 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B49R_STY02A00 -Stony Creek -1.27 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B49R_STY03A00 -Stony Creek -3.44 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B49R_STY04A04 -Stony Creek -4.69 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B50R_NPC01A00 -Narrow Passage Creek -0.55 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAV-B50R_NPC02A00 -Narrow Passage Creek -11.07 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B50R_PGH01A00 -Pugh's Run -7.00 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B51R_TBL02A04 -Tumbling Run -2.13 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B54R_PSG01C10 -Passage Creek -10.43 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B55R_MAN01A00 -Manassas Run -5.02 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B55R_MAN02A04 -Manassas Run -10.08 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B56R_CRO01A00 -Crooked Run -6.90 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B56R_CRO01B16 -Crooked Run -2.33 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.

Potomac and Shenandoah River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAV-B57R_LNG01A04 -Long Branch -3.87 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B57R_PGE01A00 -Page Brook Run -1.32 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B57R_PGE02A10 -Page Brook Run -9.66 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-B57R_SPR01A00 -Spout Run -4.12 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.

James River Basin

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-G01E_JMS01A02 -James River -0.239 Square Miles - Aquatic Life, Open-Water Aquatic Life -Chlorophyll-a	PARTIAL DELIST 2022 - Chlorophyll a - G01E-02-CHLA (CFL 2008) The James River from the Appomattox River to the Chickahominy River was originally listed on the 1998 list as fully supporting but threatened of the Aquatic Life Use goal based on chlorophyll a exceedances. During the 1998 cycle, EPA extended the segment upstream to the fall line and downgraded the river to not supporting the Aquatic Life Use, citing nutrient concerns. A special site-specific chlorophyll standard for the mainstem James River was adopted during the 2008 cycle. During the 2012 cycle, the upper tidal freshwater segment exceeded the summer seasonal mean however it was in compliance with the spring mean criterion. The segment violated both WQS during the 2014 cycle. The spring mean came back into compliance in the 2016 cycle. Both criteria were in compliance in the 2022 cycle and the segment will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, it is considered Category 2C.
-VAP-G01E_JMS02A02 -James River -0.016 Square Miles - Aquatic Life, Open-Water Aquatic Life -Chlorophyll-a	PARTIAL DELIST 2022 - Chlorophyll a - G01E-02-CHLA (CFL 2008) The James River from the Appomattox River to the Chickahominy River was originally listed on the 1998 list as fully supporting but threatened of the Aquatic Life Use goal based on chlorophyll a exceedances. During the 1998 cycle, EPA extended the segment upstream to the fall line and downgraded the river to not supporting the Aquatic Life Use, citing nutrient concerns. A special site-specific chlorophyll standard for the mainstem James River was adopted during the 2008 cycle. During the 2012 cycle, the upper tidal freshwater segment exceeded the summer seasonal mean however it was in compliance with the spring mean criterion. The segment violated both WQS during the 2014 cycle. The spring mean came back into compliance in the 2016 cycle. Both criteria were in compliance in the 2022 cycle and the segment will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, it is considered Category 2C.
-VAP-G01E_JMS03A02 -James River -1.229 Square Miles - Aquatic Life, Open-Water Aquatic Life -Chlorophyll-a	PARTIAL DELIST 2022 - Chlorophyll a - G01E-02-CHLA (CFL 2008) The James River from the Appomattox River to the Chickahominy River was originally listed on the 1998 list as fully supporting but threatened of the Aquatic Life Use goal based on chlorophyll a exceedances. During the 1998 cycle, EPA extended the segment upstream to the fall line and downgraded the river to not supporting the Aquatic Life Use, citing nutrient concerns. A special site-specific chlorophyll standard for the mainstem James River was adopted during the 2008 cycle. During the 2012 cycle, the upper tidal freshwater segment exceeded the summer seasonal mean however it was in compliance with the spring mean criterion. The segment violated both WQS during the 2014 cycle. The spring mean came back into compliance in the 2016 cycle. Both criteria were in compliance in the 2022 cycle and the segment will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, it is considered Category 2C.
-VAP-G02E_JMS01A00 -James River -0.078 Square Miles - Aquatic Life, Open-Water Aquatic Life -Chlorophyll-a	PARTIAL DELIST 2022 - Chlorophyll a - G01E-02-CHLA (CFL 2008) The James River from the Appomattox River to the Chickahominy River was originally listed on the 1998 list as fully supporting but threatened of the Aquatic Life Use goal based on chlorophyll a exceedances. During the 1998 cycle, EPA extended the segment upstream to the fall line and downgraded the river to not supporting the Aquatic Life Use, citing nutrient concerns. A special site-specific chlorophyll standard for the mainstem James River was adopted during the 2008 cycle. During the 2012 cycle, the upper tidal freshwater segment exceeded the summer seasonal mean however it was in compliance with the spring mean criterion. The segment violated both WQS during the 2014 cycle. The spring mean came back into compliance in the 2016 cycle. Both criteria were in compliance in the 2022 cycle and the segment will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, it is considered Category 2C.

James River Basin continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-G02E_JMS02A00 -James River -2.790 Square Miles - Aquatic Life, Open-Water Aquatic Life -Chlorophyll-a	PARTIAL DELIST 2022 - Chlorophyll a - G01E-02-CHLA (CFL 2008) The James River from the Appomattox River to the Chickahominy River was originally listed on the 1998 list as fully supporting but threatened of the Aquatic Life Use goal based on chlorophyll a exceedances. During the 1998 cycle, EPA extended the segment upstream to the fall line and downgraded the river to not supporting the Aquatic Life Use, citing nutrient concerns. A special site-specific chlorophyll standard for the mainstem James River was adopted during the 2008 cycle. During the 2012 cycle, the upper tidal freshwater segment exceeded the summer seasonal mean however it was in compliance with the spring mean criterion. The segment violated both WQS during the 2014 cycle. The spring mean came back into compliance in the 2016 cycle. Both criteria were in compliance in the 2022 cycle and the segment will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, it is considered Category 2C.
-VAP-G02E_JMS02B18 -James River -1.182 Square Miles - Aquatic Life, Open-Water Aquatic Life -Chlorophyll-a	PARTIAL DELIST 2022 - Chlorophyll a - G01E-02-CHLA (CFL 2008) The James River from the Appomattox River to the Chickahominy River was originally listed on the 1998 list as fully supporting but threatened of the Aquatic Life Use goal based on chlorophyll a exceedances. During the 1998 cycle, EPA extended the segment upstream to the fall line and downgraded the river to not supporting the Aquatic Life Use, citing nutrient concerns. A special site-specific chlorophyll standard for the mainstem James River was adopted during the 2008 cycle. During the 2012 cycle, the upper tidal freshwater segment exceeded the summer seasonal mean however it was in compliance with the spring mean criterion. The segment violated both WQS during the 2014 cycle. The spring mean came back into compliance in the 2016 cycle. Both criteria were in compliance in the 2022 cycle and the segment will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, it is considered Category 2C.
-VAP-G02E_XGJ01A06 -XGJ - Appomattox River, UT -0.003 Square Miles - Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - JMSTFL-DO-BAY (CFL 2018) During the 2006 cycle, the Chesapeake Bay water quality standards were implemented. During the 2018 cycle, the lower tidal freshwater James River estuary failed the Open Water Subuse's 30-day rest-of-year mean dissolved oxygen criteria. It passed both criteria in the 2020 cycle and the impairment was delisted. Unfortunately, two tributaries were accidentally excluded from the assessment and remained impaired. The segment continues to meet in the 2022 cycle and those tributaries will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, it will be considered Category 2C.
-VAP-G02E_XGK01A06 -XGK - James River, UT -0.002 Square Miles - Aquatic Life, Migratory Fish Spawning and Nursery, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - JMSTFL-DO-BAY (CFL 2018) During the 2006 cycle, the Chesapeake Bay water quality standards were implemented. During the 2018 cycle, the lower tidal freshwater James River estuary failed the Open Water Subuse's 30-day rest-of-year mean dissolved oxygen criteria. It passed both criteria in the 2020 cycle and the impairment was delisted. Unfortunately, two tributaries were accidentally excluded from the assessment and remained impaired. The segment continues to meet in the 2022 cycle and those tributaries will be delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, it will be considered Category 2C.
-VAP-H36R_BFC01A08 -Buffalo Creek -7.11 Miles - Aquatic Life -Benthic Macroinvertebrates Bioassessments	DELIST 2022 - Benthic Macroinvertebrates - H36R-03-BEN (CFL 2016) 2013 benthic macroinvertebrate sampling at 2-BFC001.11 showed marginal available habitat and moderate sediment deposition. Buffalo Creek was considered impaired (H36R-03-BEN). During the 2022 cycle, the site was re-sampled. The stream met the VSCI limit and will be delisted.
-VAP-H39R_JMS03A98 -James River -2.94 Miles - Fish Consumption -Chlordane in Fish Tissue	PARTIAL DELIST 2022 - Chlordane in Fish Tissue - H39R-17-CDANE (CFL 2010) During the 2010 cycle, the James River from the Boulevard Bridge to the fall line at approximately the railroad trestle above Mayos Bridge was assessed as not supporting of the Fish Consumption Use due to chlordane exceedances at 2-JMS110.00 (1 sp. in 2003 and 2 sp. in 2005 (carp and striped bass)). The fall line has subsequently been determined to be slightly upstream of those locations. In the 2022 cycle, the impairment has been moved from riverine AU VAP-H39R_JMS03A98 to tidal AU VAP-G01E_JMS01A02. The upper segment is considered a delisting.

James River Basin continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-H39R_JMS03A98 -James River -2.94 Miles - Fish Consumption -DDE in Fish Tissue	PARTIAL DELIST 2022 - DDE in Fish Tissue - H39R-17-DDE (CFL 2010) During the 2010 cycle, the James River from the Boulevard Bridge to the fall line at approximately the railroad trestle above Mayos Bridge was assessed as not supporting of the Fish Consumption Use due to DDE exceedances in carp in 2002 and blue catfish in 2003 at 2-JMS110.00. The fall line has subsequently been determined to be slightly upstream of those locations. In the 2022 cycle, the impairment has been moved from riverine AU VAP-H39R_JMS03A98 to tidal AU VAP-G01E_JMS01A02. The upper segment is considered a delisting.
-VAP-H39R_JMS03A98 -James River -2.94 Miles - Fish Consumption -DDT in Fish Tissue	PARTIAL DELIST 2022 - DDT in Fish Tissue - H39R-17-DDT (CFL 2010) During the 2010 cycle, the James River from the Boulevard Bridge to the fall line at approximately the railroad trestle above Mayos Bridge was assessed as not supporting of the Fish Consumption Use due to DDT exceedances in carp in 2002, blue catfish in 2003, and striped bass in 2005 at 2-JMS110.00. The fall line has subsequently been determined to be slightly upstream of those locations. In the 2022 cycle, the impairment has been moved from riverine AU VAP-H39R_JMS03A98 to tidal AU VAP-G01E_JMS01A02. The upper segment is considered a delisting.
-VAP-H39R_JMS03A98 -James River -2.94 Miles - Fish Consumption -Mercury in Fish Tissue	PARTIAL DELIST 2022 - Mercury in Fish Tissue - H39R-16-HG (CFL 2010) During the 2010 cycle, the James River from the Boulevard Bridge to the fall line was assessed as not supporting of the Fish Consumption Use due to the following mercury exceedances: 2-JMS109.98 - 1 sp. in 2004 2-JMS110.00 - 3 sp. in 2003, 2 sp. in 2004, & 2 sp in 2006 The fall line has subsequently been determined to be slightly upstream of those locations. In the 2022 cycle, the impairment has been moved from riverine AU VAP-H39R_JMS03A98 to tidal AU VAP-G01E_JMS01A02. The upper segment is considered a delisting.
-VAP-H39R_JMS03B14 -James River - South Channel -0.95 Miles - Fish Consumption -Chlordane in Fish Tissue	PARTIAL DELIST 2022 - Chlordane in Fish Tissue - H39R-17-CDANE (CFL 2010) During the 2010 cycle, the James River from the Boulevard Bridge to the fall line at approximately the railroad trestle above Mayos Bridge was assessed as not supporting of the Fish Consumption Use due to chlordane exceedances at 2-JMS110.00 (1 sp. in 2003 and 2 sp. in 2005 (carp and striped bass)). The fall line has subsequently been determined to be slightly upstream of those locations. In the 2022 cycle, the impairment has been moved from riverine AUs VAP-H39R_JMS03A98 and -JMS03B14 to tidal AU VAP-G01E_JMS01A02. The upper segments are considered delisted.
-VAP-H39R_JMS03B14 -James River - South Channel -0.95 Miles - Fish Consumption -DDE in Fish Tissue	PARTIAL DELIST 2022 - DDE in Fish Tissue - H39R-17-DDE (CFL 2010) During the 2010 cycle, the James River from the Boulevard Bridge to the fall line at approximately the railroad trestle above Mayos Bridge was assessed as not supporting of the Fish Consumption Use due to DDE exceedances in carp in 2002 and blue catfish in 2003 at 2-JMS110.00. The fall line has subsequently been determined to be slightly upstream of those locations. In the 2022 cycle, the impairment has been moved from riverine AUs VAP-H39R_JMS03A98 and -JMS03B14 to tidal AU VAP-G01E_JMS01A02. The upper segments are considered delisted.
-VAP-H39R_JMS03B14 -James River - South Channel -0.95 Miles - Fish Consumption -DDT in Fish Tissue	PARTIAL DELIST 2022 - DDT in Fish Tissue - H39R-17-DDT (CFL 2010) During the 2010 cycle, the James River from the Boulevard Bridge to the fall line at approximately the railroad trestle above Mayos Bridge was assessed as not supporting of the Fish Consumption Use due to DDT exceedances in carp in 2002, blue catfish in 2003, and striped bass in 2005 at 2-JMS110.00. The fall line has subsequently been determined to be slightly upstream of those locations. In the 2022 cycle, the impairment has been moved from riverine AUs VAP-H39R_JMS03A98 and -JMS03B14 to tidal AU VAP-G01E_JMS01A02. The upper segments are considered delisted.
-VAP-H39R_JMS03B14 -James River - South Channel -0.95 Miles - Fish Consumption -Mercury in Fish Tissue	PARTIAL DELIST 2022 - Mercury in Fish Tissue - H39R-16-HG (CFL 2010) During the 2010 cycle, the James River from the Boulevard Bridge to the fall line was assessed as not supporting of the Fish Consumption Use due to the following mercury exceedances: 2-JMS109.98 - 1 sp. in 2004 2-JMS110.00 - 3 sp. in 2003, 2 sp. in 2004, & 2 sp in 2006 The fall line has subsequently been determined to be slightly upstream of those locations. In the 2022 cycle, the impairment has been moved from riverine AUs VAP-H39R_JMS03A98 and -JMS03B14 to tidal AU VAP-G01E_JMS01A02. The upper segments are considered delisted.

James River Basin continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-H39R_JOH01A08 -Jones Creek -8.20 Miles - Aquatic Life -Benthic Macroinvertebrates Bioassessments	PARTIAL DELIST 2022 - Benthic Macroinvertebrates - H39R-14-BEN (CFL 2008) During the 2008 cycle, Jones Creek was assessed as impaired of the Aquatic Life Use due to impairment of the benthic community at 2005 freshwater probabilistic monitoring station 2-JOH004.23. Additional monitoring in 2012 and 2013 confirmed the impairment. The station was re-sampled in 2019 and was determined to be fully supporting the Aquatic Life Use and will be delisted.
-VAP-J14R_STY01A08 -Stoney Creek -2.59 Miles - Aquatic Life -pH	PARTIAL DELIST 2022-pH-J14R-02-PH, VAP-J14R-02 (CFL2010) During the 2022 cycle the segment became fully supporting for pH based off level 3 data collected from ACB with 1/14 exceedance rate.
-VAP-J15E_APP01A98 -Lower Appomattox River/Ashton Creek -0.507 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen-APPTF-DO-BAY (2018) The Chesapeake Bay Water Quality Standards were adopted during the 2006 cycle. During the 2018 and 2020 cycle, the Appomattox River Tidal Fresh segment (APPTF) failed the Open Water DO requirements. But the Bay TMDL was completed and is Cat 4A. During the 2022 cycle the APPTF segment became fully supporting for DO and will be delisted.
-VAP-J15E_APP02A98 -Appomattox River -1.361 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen-APPTF-DO-BAY (2018) The Chesapeake Bay Water Quality Standards were adopted during the 2006 cycle. During the 2018 and 2020 cycle, the Appomattox River Tidal Fresh segment (APPTF) failed the Open Water DO requirements. But the Bay TMDL was completed and is Cat 4A. During the 2022 cycle the APPTF segment became fully supporting for DO and will be delisted.
-VAP-J15E_APP02B12 -Appomattox River -0.703 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen-APPTF-DO-BAY (2018) The Chesapeake Bay Water Quality Standards were adopted during the 2006 cycle. During the 2018 and 2020 cycle, the Appomattox River Tidal Fresh segment (APPTF) failed the Open Water DO requirements. But the Bay TMDL was completed and is Cat 4A. During the 2022 cycle the APPTF segment became fully supporting for DO and will be delisted.
-VAP-J15E_ZZZ01A14 -Unsegmented portion of J15E -0.032 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen-APPTF-DO-BAY (2018) The Chesapeake Bay Water Quality Standards were adopted during the 2006 cycle. During the 2018 and 2020 cycle, the Appomattox River Tidal Fresh segment (APPTF) failed the Open Water DO requirements. But the Bay TMDL was completed and is Cat 4A. During the 2022 cycle the APPTF segment became fully supporting for DO and will be delisted.
-VAP-J17E_SFT01D04 -Swift Creek -0.087 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen-APPTF-DO-BAY (2018) The Chesapeake Bay Water Quality Standards were adopted during the 2006 cycle. During the 2018 and 2020 cycle, the Appomattox River Tidal Fresh segment (APPTF) failed the Open Water DO requirements. But the Bay TMDL was completed and is Cat 4A. During the 2022 cycle the APPTF segment became fully supporting for DO and will be delisted.
-VAP-J17E_ZZZ02A02 -Unsegmented portion in J17E watershed -0.051 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen-APPTF-DO-BAY (2018) The Chesapeake Bay Water Quality Standards were adopted during the 2006 cycle. During the 2018 and 2020 cycle, the Appomattox River Tidal Fresh segment (APPTF) failed the Open Water DO requirements. But the Bay TMDL was completed and is Cat 4A. During the 2022 cycle the APPTF segment became fully supporting for DO and will be delisted.

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-VAT-G10E_MIC01A00 -Mill Creek -0.075 Square Miles - Aquatic Life -Estuarine Bioassessments	PARTIAL DELIST 2022-Estuarine Bioassessment-G10E-05-EBEN (2004) Revised BIBI segment boundaries- Mill Creek changed from JMSOHa to JMSOHe. With this change the estuarine benthic status for this segment in the 2022 IR is not assessed rather than impaired.
-VAT-G10E_POW01A02 -Powhatan Creek/Sandy Bay -0.204 Square Miles - Aquatic Life -Estuarine Bioassessments	PARTIAL DELIST 2022-Estuarine Bioassessment-G10E-05-EBEN (2004) Revised BIBI segment boundaries- Mill Creek changed from JMSOHa to JMSOHe. With this change the estuarine benthic status for this segment in the 2022 IR is not assessed rather than impaired.
-VAT-G15E_ELI02A06 -Elizabeth River Mainstem - Middle -4.005 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen- ELIPH-DO-BAY (2006) The ELIPH segments now meet the Dissolved Oxygen criteria and support the use.
-VAT-G15E_ELI03A08 -Elizabeth River Mainstem - Mouth -3.445 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 Dissolved Oxygen- ELIPH-DO-BAY (2006) The ELIPH segments now meet the Dissolved Oxygen criteria and support the use.
-VAT-G15E_SCO01A06 -Scott Creek -0.194 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 Dissolved Oxygen- ELIPH-DO-BAY (2006) The ELIPH segments now meet the Dissolved Oxygen criteria and support the use.
-VAV-H09R_HAT01A04 -Hat Creek -9.52 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-H09R_TYE02A00 -Tye River -8.40 Miles - Aquatic Life -Benthic Macroinvertebrates Bioassessments	PARTIAL DELIST 2022 Benthic Macroinvertebrates Bioassessments - H09R-04-BEN The Tye River was originally placed on the 303(d) list for excursions of the State's water quality standard for Benthic Macroinvertebrates Bioassessments during the 2018 assessment cycle based on benthic surveys performed at station 2-TYE020.67. Benthic macroinvertebrate samples collected in the 2022 cycle at 2-TYE020.67 show support of aquatic life use (VSCI scores: spring 2015-57.2, spring 2016- 39.1, spring 2017-65.9, fall 2017- 71.9, spring 2020- 54.5, fall 2020-75.1). Biologists believe the spring 2016 sample is an anomaly. Based on the supporting benthic data collected at the 2-TYE020.67 listing station, the Tye River is removed from the 303(d) list.
-VAV-H09R_TYE03A00 -Tye River -6.95 Miles - Aquatic Life -Benthic Macroinvertebrates Bioassessments	DELIST 2022 Benthic Macroinvertebrates Bioassessments - H09R-04-BEN The Tye River was originally placed on the 303(d) list for excursions of the State's water quality standard for Benthic Macroinvertebrates Bioassessments during the 2012 assessment cycle based on benthic surveys performed at station 2-TYE028.94. Fully supporting benthic samples were collected in the 2022 cycle at 2-TYE028.94 (spring 2015- 73.6, 2015 fall- 78.4, 2016 spring- 54.6, fall 2016- 63.2, spring 2017- 64.6, fall 2017- 74, spring 2018- 58.1, 2018 fall- 66.2). Based on the supporting benthic data collected at the 2-TYE028.94 listing station, the Tye River is removed from the 303(d) list.

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-VAV-H09R_TYE03B10 -Tye River -0.75 Miles - Aquatic Life -Benthic Macroinvertebrates Bioassessments	DELIST 2022 Benthic Macroinvertebrates Bioassessments - H09R-04-BEN The Tye River was originally placed on the 303(d) list for excursions of the State's water quality standard for Benthic Macroinvertebrates Bioassessments during the 2012 assessment cycle based on benthic surveys performed at station 2-TYE028.94. Fully supporting benthic samples were collected in the 2022 cycle at 2-TYE028.94 (spring 2015- 73.6, 2015 fall- 78.4, 2016 spring- 54.6, fall 2016- 63.2, spring 2017- 64.6, fall 2017- 74, spring 2018- 58.1, 2018 fall- 66.2). Based on the supporting benthic data collected at the 2-TYE028.94 listing station, the Tye River is removed from the 303(d) list.
-VAV-H13L_XLU01A04 -Lake Nelson -40.62 Acres - Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 Lake Nelson was listed on the 303(d) list for excursions of the State's water quality standard for dissolved oxygen during the 2016 assessment period. This was based on 12 excursions of the DO WQS out of 52 samples (23%) at station 2-XLU000.10. During the 2022 assessment period, one of 34 samples fell below the State's water quality standard for DO at 2-XLU000.10 (2.9% excursion rate). Based on this improvement in water quality below a 10.5% exceedance rate, the DO impairment is removed from Lake Nelson. Aquatic life remains impaired based on pH WQS exceedances.
-VAV-H13R_RKR01A00 -Rucker Run -18.36 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-H15R_RFS01A00 -Rockfish River South Fork -7.82 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-H15R_RFS02A10 -Rockfish River South Fork -3.74 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-H17L_TOT01A04 -Totier Creek Reservoir -37.23 Acres - Aquatic Life -Dissolved Oxygen	DELIST 2022 Totier Creek Reservoir was listed on the 303(d) list for excursions of the State's water quality standard for DO during the 2012 assessment period. This was based on five excursions of the DO WQS out of 30 samples (16.7%) at station 2-TOT001.01. During the 2022 assessment period, there are four excursions of the DO WQS out of 41 samples (9.8%) at 2-TOT001.01, using an improved method of thermocline analysis. Based on the updated data analysis and the excursion rate below 10.5%, Totier Creek Reservoir is removed from the impaired waters list.
-VAV-H17R_TOT01A00 -Totier Creek -0.72 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-H17R_TOT02A00 -Totier Creek -9.61 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.

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-VAV-H18R_HNF01A00 -Hardware River North Fork -11.35 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-H19R_HRD01A00 -Hardware River -7.00 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-H19R_HRD02A10 -Hardware River -16.30 Miles - Fish Consumption -PCBs in Fish Tissue	PARTIAL DELIST 2022 Previous to the 2022 cycle this segment of the Hardware River extended from the headwaters downstream to the gaging station and it was impaired for PCBs in fish tissue in 2008 based on a VDH Fish Consumption Advisory. The VDH Fish Consumption Advisory for PCB contamination on the James River extends from Big Island Dam (below Blue Ridge Parkway) downstream to the I-95 James River Bridge in Richmond including its tributaries Hardware River up to Rt. 6 bridge and Slate River up to Rt. 676 bridge. PCB fish tissue data collected at station 2-HRD007.21 in the 2022 cycle, immediately upstream of the Rt. 6 bridge/extent of the VDH PCB advisory, shows no exceedances of PCBs. As this segment is upstream of the extent of the advisory it is now removed from the 303(d) list as the original basis for the listing was incorrect. In the 2022 cycle this segment is extended to include all waters upstream of the VDH Fish Consumption Advisory for PCBs, from the headwaters of the Hardware River downstream to the Rt. 6 bridge.
-VAV-H19R_HRD02A10 -Hardware River -16.30 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-H23L_SIN01A04 -Lake Albemarle -37.02 Acres - Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 Lake Albemarle was listed on the 303(d) list for excursions of the State's water quality standard for dissolved oxygen during the 2016 assessment period. This was based on six excursions of the DO WQS out of 39 samples (15.4%) at station 2-SIN000.44. During the 2022 assessment period, there are three excursions of the pH WQS out of 30 (10%) samples at 2-SIN000.44. Based on this improvement in water quality below a 10.5% exceedance rate, the DO impairment is delisted from Lake Albemarle. Aquatic life remains impaired based on Chlorophyll A criteria exceedances.
-VAV-H23L_SIN01A04 -Lake Albemarle -37.02 Acres - Aquatic Life -pH	PARTIAL DELIST 2022 Lake Albemarle was listed on the 303(d) list for excursions of the State's water quality standard for pH during the 2018 assessment period. This was based on nine excursions of the pH WQS out of 42 samples (21.4%) at station 2-SIN000.44. During the 2022 assessment period, two excursions of the pH WQS out of 30 samples (6.7%) were collected at 2-SIN000.44. Based on this improvement in water quality below a 10.5% exceedance rate, the pH impairment is delisted from Lake Albemarle. Aquatic life remains impaired based on the Chlorophyll A criteria exceedances.
-VAV-H24R_MNF01A00 -Moormans River North Fork -19.07 Miles - Aquatic Life -Temperature	DELIST 2022 The North Fork Moormans River was added to the 303(d) list for exceedances of the State's water quality standard for temperature in the 2014 assessment period. This impairment was based on two exceedances of the temperature WQS out of six samples collected at DEQ station 2BMNF000.10 (33.3% exceedance rate). Data in the 2022 assessment period show two exceedances of the temperature WQS out of 21 samples (10%) at 2BMNF000.10. Based on this improvement in water quality below a 10.5% exceedance rate, the Moormans River North Fork is removed from the 303(d) list.

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-VAV-H24R_PRG01A10 -Pond Ridge Branch -2.04 Miles - Aquatic Life -Temperature	DELIST 2022 Pond Ridge Branch was added to the 303(d) list for exceedances of the State's water quality standard for temperature in the 2014 assessment period. This impairment was based on two exceedances of the temperature WQS out of six samples collected at DEQ station 2BMNF000.10 (33.3% exceedance rate). Data in the 2022 assessment period show two of 21 samples (10%) exceed the temperature water quality standard of 20 degrees celsius. In addition to data collected at the listing station, a new DEQ station directly on Pond Ridge Branch, 2-PRG000.02, was monitored in 2019 and 2020. Temperature data collected at this station reveal two of 21 samples (10%) exceed the temperature water quality standard of 20 degrees celsius. Based on this improvement in water quality below a 10.5% exceedance rate, Pond Ridge Branch is removed from the 303(d) list.
-VAV-H27L_JCB01A08 -Chris Green Lake -57.08 Acres - Aquatic Life -Dissolved Oxygen	DELIST 2022 Chris Green Lake was added to the 303(d) list for excursions of the State's water quality standard for DO during the 2018 assessment period. This was based on 7 excursions of 55 samples (12.7%) at station 2-JCB000.80. During the 2022 assessment period, there are zero excursions of the DO WQS out of 32 samples at 2-JCB000.80 with an improved method of thermocline analysis. It appears the basis for the original listing was incorrect and Chris Green Lake is removed from the impaired waters list.
-VAV-H28R_MSC01A00 -Moores Creek -6.32 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-H28R_MSC01B12 -Moores Creek -0.54 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-H28R_MWC01A00 -Meadow Creek -4.98 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-H29R_BID01A00 -Buck Island Creek -2.66 Miles - Aquatic Life -Benthic Macroinvertebrates Bioassessments	PARTIAL DELIST 2022 Benthic Macroinvertebrates Bioassessments - H29R-03-BEN This segment of Buck Island Creek was placed on the 303(d) list for excursions of the State's water quality standard for Benthic Macroinvertebrates Bioassessments during the 2010 assessment cycle based on benthic data collected at station 2-BID-BKI01-RCA (Rivanna Conservation Alliance benthic level III station). Benthic macroinvertebrate samples collected in the 2020 and 2022 cycles at 2-BID-BKI01-RCA show support of aquatic life use (VSCI scores 2022: 2015 Spring- 76.24, 2015 Fall- 58.65, 2016 Fall- 72.25, 2017 Spring- 68.85, 2017 Fall- 74.49, 2018 Spring- 55.68, 2019 Fall- 72.16). Based on the supporting benthic data collected at the 2-BID-BKI01-RCA listing station, this segment of Buck Island Creek is removed from the 303(d) list for benthic macroinvertebrate bioassessment impairment.
-VAV-H32L_00 -Fluvanna Ruritan Lake -51.13 Acres - Aquatic Life -pH	PARTIAL DELIST 2022 H32L-01-PH (2018) Fluvanna Ruritan Lake was added to the 303(d) list for excursions of the State's water quality standard for pH during the 2018 assessment period. The listing was based on five excursions of the pH WQS out of 45 samples (11.1%) collected at 2-CFK004.34. During the 2022 assessment period, eight excursions of the pH WQS out of 81 samples (9.9%) were collected at 2-CFK004.34. Based on this improvement in water quality below a 10.5% rate, the pH impairment is delisted from the Fluvanna Ruritan Lake. Aquatic life remains impaired due to exceedances of the DO and Chlorophyll-a WQS at station 2-CFK004.34.

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-VAV-I01R_JKS01A00 -Jackson River -8.36 Miles - Aquatic Life -Temperature	PARTIAL DELIST 2022 - 8.35 miles Temperature I01R-01-TEMP VAV-I01R_JKS01A00 was listed as impaired for aquatic life use in the 2004 cycle based on 13 exceedances of the Class V Temperature WQS out of 61 samples (21.3%) at station 2-JKS058.60. In the 2022 assessment cycle VAV-I01R_JKS01A00 is split and now contains only Class IV waters. The remaining portion of the original VAV-I01R_JKS01A00 is made up of Class V waters (new AU name VAV-I01R_JKS01A22). Due to these changes and based on new data collected in the 2022 cycle, VAV-I01R_JKS01A00 has zero temperature WQS exceedances out of 35 samples at listing station 2-JKS058.60. Based on this improvement in water quality below a 10.5% exceedance rate, the temperature impairment is delisted on this Class IV segment of the Jackson River. This assessment unit remains impaired for recreational use based on E.coli data collected at 2-JKS058.60.
-VAV-I28R_CEC01A00 -Cedar Creek -6.88 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-I28R_CEC02A10 -Cedar Creek -5.23 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-I31R_XBA01A10 -Gochenour Branch -4.32 Miles - Aquatic Life -Temperature	DELIST 2022 Temperature - I31R-01-TEMP Gochenour Branch was added to the 303(d) list for exceedances of the State's water quality standard for temperature during the 2018 assessment cycle. Station 2AGOC000.07 had two temperature WQS exceedances out of 13 samples (15%) during the 2018 assessment cycle. In the 2022 assessment period, based on updated guidance/listing methodologies, the data show zero exceedances of 13 samples at station 2AGOC000.07. With this station indicating no exceedances of the temperature WQS, Gochenour Branch is removed from the 303(d) list.
-VAV-I32R_LCF03A00 -Little Calfpasture River -5.33 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-I32R_LCF04A10 -Little Calfpasture River -7.03 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-I33R_CGB01A00 -Cedar Grove Branch -4.62 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-I34R_HYS01A00 -Hays Creek -10.03 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.

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-VAV-I34R_HYS02A10 -Hays Creek -1.92 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-I34R_MFT01A00 -Moffatts Creek -8.85 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-I35R_MIS01A00 -Mill Creek -9.14 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-I36R_MRL01A00 -Marl Creek -6.58 Miles - Aquatic Life -Benthic Macroinvertebrates Bioassessments	DELIST 2022 - 6.58 miles - Benthic Macroinvertebrates Bioassessments - I36R-05-BEN (2012) Marl Creek was originally placed on the 303(d) list for excursions of the State's water quality standard for Benthic Macroinvertebrates Bioassessments collected at station 2-MRL002.62 during the 2012 assessment cycle. It was determined in 2019 that this station was not located on Marl Creek and was actually on a tributary to Marl Creek. It was determined that benthic macroinvertebrates were never sampled on Marl Creek prior to 2019. Fully supporting benthic samples were collected on the mainstem of Marl Creek in the 2022 cycle at new DEQ station 2-MRL000.63 (VSCI scores: spring 2020-68.9, fall 2020-71.5). Based on the incorrect association of the listing station to Marl Creek and the newly supporting benthic data collected at 2-MRL000.63, Marl Creek is removed from the 303(d) list. The remaining 1.16 miles of the original impairment (Marl Creek tributary, VAV-I36R_XEM01A22) remains impaired due to benthic macroinvertebrate bioassessments.
-VAV-I36R_SMR01A00 -Saint Marys River -1.97 Miles - Aquatic Life -Temperature	PARTIAL DELIST 2022 - Temperature - I36R-03-TEMP, VAV-I36R-03 This segment of the St. Marys River was added to the 303(d) list for exceedances of the State's water quality standard for temperature during the 2010 assessment cycle. Station 2-SMR001.52 had three temperature WQS exceedances out of 15 samples (20%) during the 2010 assessment cycle. Data collected during the 2022 assessment cycle reveal one exceedance out of 24 samples (4%) at station 2-SMR001.52. With a temperature WQS exceedance rate less than 10.5%, this segment of the St. Marys River is removed from the 303(d) list.
-VAV-I37R_MRY03A00 -Maury River -4.58 Miles - Recreation -Escherichia coli (E. coli)	PARTIAL DELIST 2022 Bacteria - I37R-03-BAC (2018) The Maury River was listed on the 303(d) list for exceedances of the State's water quality standard for e-coli bacteria during the 2018 assessment period. During the 2018 assessment period, data collected at 2-MRY014.78 contained 8 exceedances of the E.coli WQS out of 72 samples. During the 2022 assessment period, at 2-MRY014.78 there are no E.coli geomean exceedances and only one STV exceedance occurred over multiple 90-day periods with less than ten samples. Due to the analysis of new data using the revised E.coli WQS, this Maury River segment is removed from the 303(d) list.
-VAV-I38R_BLD01A00 -Buffalo Creek -3.96 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.

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-VAV-I38R_BLD02A04 -Buffalo Creek -9.14 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-I38R_BLD03A10 -Buffalo Creek -2.99 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAV-I38R_CLL01A00 -Colliers Creek -15.11 Miles - Aquatic Life -Benthic Macroinvertebrates Bioassessments	PARTIAL DELIST 2022 Benthic Macroinvertebrates Bioassessments - I38R-02-BEN Colliers Creek was originally placed on the 303(d) list for excursions of the State's water quality standard for Benthic Macroinvertebrates Bioassessments during the 2010 assessment cycle based on benthic surveys performed at station 2-CLL003.21. Benthic samples collected in the 2022 cycle at 2-CLL003.21 (VSCI: fall 2018-71, spring 2019-74.1, spring 2020- 57.4) support aquatic life use. Based on the supporting benthic data collected at the 2-CLL003.21 listing station, Colliers Creek is removed from the 303(d) list.
-VAV-I38R_CLL01A00 -Colliers Creek -15.11 Miles - Recreation -Fecal Coliform	Fecal Coliform impairment was replaced by E.coli many years ago.
-VAW-I04R_JKS01A00 -Jackson River -0.48 Miles - Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - DO - I09R-01-DO / 00458 / VAW-I04R-01 Due to the measured and observed improvements in the Jackson River, the Virginia DEQ and its partners designed this special study to reevaluate the DO impairment. This two-year study was conducted in which DO data was collected from April 2019 through March 2021 with higher frequency sampling occurring during more biologically stressful times of the year. A total of 951 samples were collected over the course of this two year study. This volume of data collected represents an understanding of river conditions for use in delisting this segment of the Jackson River for DO impairment. The Virginia water quality standard for the Jackson River is a minimum of 4.0 mg/L DO and a daily average of 5.0 mg/L DO. No exceedances of either the minimum or average DO standard occurred during this study. Aquatic Life Use remains impaired due to benthic macroinvertebrate community impairment. 2-JKS018.68 (Rt. 18 Bridge) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 215 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 78 samples. 2-JKS021.09 (S. Rayon Drive Br., Covington) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 144 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 61 samples. 2-JKS022.15 (Industrial Park behind Walmart) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 156 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 99 samples. 2-JKS022.78 (Fudge's Br., Rt. 154, Covington) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 144 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 61 samples. 2-JKS023.61 (City Park) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 124 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 29 samples.

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Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAW-I09R_JKS04A00 -Jackson River -5.92 Miles - Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - DO - I09R-01-DO / 00458 / VAW-I04R-01 Due to the measured and observed improvements in the Jackson River, the Virginia DEQ and its partners designed this special study to reevaluate the DO impairment. This two-year study was conducted in which DO data was collected from April 2019 through March 2021 with higher frequency sampling occurring during more biologically stressful times of the year. A total of 951 samples were collected over the course of this two year study. This volume of data collected represents an understanding of river conditions for use in delisting this segment of the Jackson River for DO impairment. The Virginia water quality standard for the Jackson River is a minimum of 4.0 mg/L DO and a daily average of 5.0 mg/L DO. No exceedances of either the minimum or average DO standard occurred during this study. Aquatic Life Use remains impaired due to benthic macroinvertebrate community impairment. 2-JKS018.68 (Rt. 18 Bridge) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 215 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 78 samples. 2-JKS021.09 (S. Rayon Drive Br., Covington) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 144 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 61 samples. 2-JKS022.15 (Industrial Park behind Walmart) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 156 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 99 samples. 2-JKS022.78 (Fudge's Br., Rt. 154, Covington) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 144 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 61 samples. 2-JKS023.61 (City Park) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 124 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 29 samples.
-VAW-I09R_JKS04B14 -Jackson River -0.32 Miles - Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - DO - I09R-01-DO / 00458 / VAW-I04R-01 Due to the measured and observed improvements in the Jackson River, the Virginia DEQ and its partners designed this special study to reevaluate the DO impairment. This two-year study was conducted in which DO data was collected from April 2019 through March 2021 with higher frequency sampling occurring during more biologically stressful times of the year. A total of 951 samples were collected over the course of this two year study. This volume of data collected represents an understanding of river conditions for use in delisting this segment of the Jackson River for DO impairment. The Virginia water quality standard for the Jackson River is a minimum of 4.0 mg/L DO and a daily average of 5.0 mg/L DO. No exceedances of either the minimum or average DO standard occurred during this study. Aquatic Life Use remains impaired due to benthic macroinvertebrate community impairment. 2-JKS018.68 (Rt. 18 Bridge) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 215 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 78 samples. 2-JKS021.09 (S. Rayon Drive Br., Covington) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 144 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 61 samples. 2-JKS022.15 (Industrial Park behind Walmart) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 156 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 99 samples. 2-JKS022.78 (Fudge's Br., Rt. 154, Covington) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 144 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 61 samples. 2-JKS023.61 (City Park) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 124 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 29 samples.
-VAW-I09R_JKS05A00 -Jackson River -3.01 Miles - Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - DO - I09R-01-DO / 00458 / VAW-I04R-01 Due to the measured and observed improvements in the Jackson River, the Virginia DEQ and its partners designed this special study to reevaluate the DO impairment. This two-year study was conducted in which DO data was collected from April 2019 through March 2021 with higher frequency sampling occurring during more biologically stressful times of the year. A total of 951 samples were collected over the course of this two year study. This volume of data collected represents an understanding of river conditions for use in delisting this segment of the Jackson River for DO impairment. The Virginia water quality standard for the Jackson River is a minimum of 4.0 mg/L DO and a daily average of 5.0 mg/L DO. No exceedances of either the minimum or average DO standard occurred during this study. Aquatic Life Use remains impaired due to benthic macroinvertebrate community impairment. 2-JKS018.68 (Rt. 18 Bridge) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 215 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 78 samples. 2-JKS021.09 (S. Rayon Drive Br., Covington) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 144 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 61 samples. 2-JKS022.15 (Industrial Park behind Walmart) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 156 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 99 samples. 2-JKS022.78 (Fudge's Br., Rt. 154, Covington) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 144 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 61 samples. 2-JKS023.61 (City Park) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 124 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 29 samples.

James River Basin continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAW-I09R_JKS06A00 -Jackson River -1.66 Miles - Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - DO - I09R-01-DO / 00458 / VAW-I04R-01 Due to the measured and observed improvements in the Jackson River, the Virginia DEQ and its partners designed this special study to reevaluate the DO impairment. This two-year study was conducted in which DO data was collected from April 2019 through March 2021 with higher frequency sampling occurring during more biologically stressful times of the year. A total of 951 samples were collected over the course of this two year study. This volume of data collected represents an understanding of river conditions for use in delisting this segment of the Jackson River for DO impairment. The Virginia water quality standard for the Jackson River is a minimum of 4.0 mg/L DO and a daily average of 5.0 mg/L DO. No exceedances of either the minimum or average DO standard occurred during this study. Aquatic Life Use remains impaired due to benthic macroinvertebrate community impairment. 2-JKS018.68 (Rt. 18 Bridge) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 215 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 78 samples. 2-JKS021.09 (S. Rayon Drive Br., Covington) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 144 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 61 samples. 2-JKS022.15 (Industrial Park behind Walmart) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 156 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 99 samples. 2-JKS022.78 (Fudge's Br., Rt. 154, Covington) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 144 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 61 samples. 2-JKS023.61 (City Park) - The 2022 data window finds no excursions of the Class IV 4.0 mg/L from 124 observations and no excursions of the 5.0 mg/L DO Daily average criterion from 29 samples.

Rappahannock River Basin

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAN-E04R_HAZ02A02 -Hazel River -0.83 Miles - Recreation -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - E04R-01-BAC, VAN-E04R-01 (CFL 2006) The fecal coliform bacteria parameter assessment from the 2006 water quality assessment was carried forward through the 2020 assessment. While the fecal coliform bacteria criteria were no longer being used for assessment purposes, there had been no or insufficient E. coli bacteria monitoring along this assessment segment. In 2022IR, there were sufficient E. coli data to assess the recreation use and the impairment parameter was updated to E. coli. The following 2006 assessment information was carried over through the 2020 assessment: Sufficient exceedances of the fecal coliform bacteria criterion (3 of 14 samples - 21.4%) were recorded at DEQ station 3-HAZ032.54 at Route 644 to assess this stream segment as not supporting of the recreation use for the 2006 water quality assessment. In the 2018 assessment, it was determined that many of the data used in the 2006 assessment were subsequently considered to be quality control failures that should not have been used. The appropriate excursion rate for the data used during the 2006 assessment should have been 1 of 4 samples (25.0%).
-VAN-E05R_RUS01B08 -Rush River -3.36 Miles - Recreation -Escherichia coli (E. coli)	DELIST 2022 - E. coli - E05R-04-BAC, VAN-E05R-01 (CFL 2014) During the 2020 cycle, this segment was assessed as not supporting the recreation use because of excursions from the maximum E. coli bacteria criterion (2 of 6 samples - 33.3%) recorded at DEQ ambient water quality monitoring station 3-RUS003.23 at Route 621. New bacteria monitoring at this location for the 2022 cycle indicated an STV exceedance rate less than 10% and no geomean exceedances in any 90-day period with 10+ samples. It has been determined that this segment should be delisted for E. coli based on assessment of the new data.
-VAN-E21R_GLL01A08 -Goldenvale Creek -5.31 Miles - Aquatic Life -pH	PARTIAL DELIST 2022 - pH - E21R-08-PH, VAN-E21R-03 (CFL 2008) During the 2020 cycle, this segment was assessed as not supporting the aquatic life use because of excursions less than the lower limit of the pH criterion range (2 of 13 samples - 15.4%) recorded at DEQ station 3-GLL001.98 at Route 17. This impairment was listed in error due to an oversight related to the reclassification of this water to Class VII based on the Natural Conditions Assessment for Low pH and Dissolved Oxygen for Goldenvale Creek (completed on December 19, 2012). This segment should have been reclassified to Class VII during the first cycle after the completion of the report, but was not reclassified until 2022. Based on the water quality standards for pH for Class VII waters, this segment is not impaired and it has been determined that this segment should be delisted for pH based on an acceptable exceedance rate at DEQ station 3-GLL001.98.
-VAP-E22R_FAR01A04 -Farmers Hall Creek -4.01 Miles - Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - E22R-02-DO (CFL 2012) Farmers Hall Creek was impaired of the Aquatic Life Use due to a dissolved oxygen exceedance rate of 2/11 at 3-FAR002.88. The exceedance rate at 3-FAR004.38 was acceptable (0/11). Natural conditions were suspected. The stream was re-sampled in the 2022 cycle. A woody debris dam on the right side of the channel has collapsed allowing additional stream flow. Monitoring at 3-FAR002.88 was acceptable (1/10 for DO) and the creek will be delisted.
-VAP-E22R_FAR01A04 -Farmers Hall Creek -4.01 Miles - Aquatic Life -pH	PARTIAL DELIST 2022 - pH - E22R-02-PH (CFL 2006) In 2006, Farmers Hall Creek was assessed as not supporting of the Aquatic Life Use support goal based on pH violations at the Route 631 bridge (3-FAR002.88). Additional monitoring was conducted during the 2012 cycle. The impairment was confirmed due to the following exceedance rates: 6/11 at 3-FAR002.88 4/11 at 3-FAR004.38 Natural conditions were suspected. The stream was re-sampled in the 2022 cycle. A woody debris dam on the right side of the channel has collapsed allowing additional stream flow. Monitoring at 3-FAR002.88 was acceptable (0/10 for pH) and the creek will be delisted.

Rappahannock River Basin continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-E24R_MAY01A12 -Marshy Swamp -9.53 Miles - Aquatic Life -Dissolved Oxygen	DELIST 2022 - Dissolved Oxygen - E24R-09-DO (CFL 2012) During the 2012 cycle, nontidal Marshy Swamp was impaired of the Aquatic Life Use due to a dissolved oxygen exceedance rate of 4/12 at 3-MAY008.43, which is located at Route 618. Other stations in the stream were acceptable. Natural conditions are expected. The exceedance rate fell to 4/24 during the 2016 cycle; therefore, further monitoring was recommended. The exceedance rate was acceptable in the 2022 cycle (0/12); therefore, the stream will be delisted.
-VAP-E25E_FAM01B22 -Farnham Creek -0.074 Square Miles - Shellfishing -Fecal Coliform	Designated Use Removed - See Appendix 3
-VAP-E25E_MUB03A08 -Mulberry Creek -0.008 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - E25E-25-SF (CFL 2018) Portion of VDH-DSS condemnation 023-121S120, 11/15/2020 - seasonally condemned It was considered nested within the TMDL for Shellfish Areas Listed due to Bacterial Contamination for Mulberry Creek, which was approved by the EPA on 8/2/2006 and by the SWCB on 6/27/2007. In the 2022 cycle, VDH-DSS condemnation 023-121C, 1/7/2019 was rescinded. The area is currently seasonally condemned and will be delisted.
-VAP-E25E_MUC01A04 -Mud Creek -0.204 Square Miles - Aquatic Life -pH	PARTIAL DELIST 2022 - pH - E25R-01-PH (CFL 2006) Mud Creek was initially assessed as not supporting the Aquatic Life Use support goal in 2006 based on pH exceedances at 3-MUC002.31, located at the Route 648 bridge. However, during the 2012 cycle, it was determined that the station is actually tidally influenced. The pH impairment was transferred to the tidal portion of Mud Creek. A Natural Conditions Assessment was completed during the 2014 cycle; the report recommends that the pH impairment be considered "...Category 4C, Impairment Caused by Pollution." The station was re-sampled in the 2022 cycle. The exceedance rate is acceptable (0/10) and Mud Creek will be delisted.
-VAP-E25E_ROS02C16 -Robinson Creek, UT -0.013 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - E25E-23-SF (CFL 2018) VDH Shellfish Condemnation 028-177M3, 3/15/2020 - seasonally condemned The cove was impaired of the Shellfish Use in the 2018 cycle. It was considered nested in the upstream Robinson Creek Shellfish TMDL, which was approved by the EPA on 11/15/2005. In the 2022 cycle, VDH Shellfish Condemnation 028-177D, 1/23/2018 was rescinded. The cove is seasonally condemned and will be delisted.
-VAP-E26E_CEB01C22 -Eastern Branch Carter Creek -0.012 Square Miles - Shellfishing -Fecal Coliform	Designated Use Removed - See Appendix 3

Roanoke and Yadkin River Basins

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAW-L05R_TKR01A00 -Tinker Creek -5.37 Miles - Aquatic Life -Temperature	PARTIAL DELIST 2022 - Temperature - VAW-L05R-01 & 90007 (2006) / L05R-01-TEMP & VAW-L05R-01 (2008) The waters are delisted based on data collections at station 4ATKR009.30 (Summer View Dr. bridge at Hollins) and 4ATKR000.69 (Rt. 24 Bridge in Vinton; a 1999 Consent Decree Attachment A station). Note Water Quality Standards changed with Volume 32 Issue 26 August 22, 2016 to include Special Standard 'ee'. Station 4ATKR009.30 2022 IR temperature data produce results with no excursions of the stockable trout water criterion (21<U+00B0>C) or Special Standard 'ee' (26<U+00B0>C during May 1 - October 31) from 34 observations. Station 4ATKR000.69 finds no excursions of the stockable trout water criterion (21<U+00B0>C) or Special Standard 'ee' (26<U+00B0>C during May 1 - October 31) from 42 observations.
-VAW-L05R_TKR01B06 -Tinker Creek -6.51 Miles - Aquatic Life -Temperature	PARTIAL DELIST 2022 - Temperature - VAW-L05R-01 & 90007 (2006) / L05R-01-TEMP & VAW-L05R-01 (2008) The waters are delisted based on data collections at station 4ATKR009.30 (Summer View Dr. bridge at Hollins) and 4ATKR000.69 (Rt. 24 Bridge in Vinton; a 1999 Consent Decree Attachment A station). Note Water Quality Standards changed with Volume 32 Issue 26 August 22, 2016 to include Special Standard 'ee'. Station 4ATKR009.30 2022 IR temperature data produce results with no excursions of the stockable trout water criterion (21<U+00B0>C) or Special Standard 'ee' (26<U+00B0>C during May 1 - October 31) from 34 observations. Station 4ATKR000.69 finds no excursions of the stockable trout water criterion (21<U+00B0>C) or Special Standard 'ee' (26<U+00B0>C during May 1 - October 31) from 42 observations.
-VAW-L38L_HTA01L00 -Conner Lake -101.93 Acres - Fish Consumption -Mercury in Fish Tissue	PARTIAL DELIST 2022 - Hg in Fish Tissue - L38L-01-HG (2010) The waters are delisted based on data collections at station 4ATKR003.25 (Conner Lake-Station 1 (portion of Hunting Creek). Three species do NOT exceed the WQS TV of 0.3ppm for Hg; Largemouth Bass, Chain Pickerel, and Black Crappie
-VAW-L42R_LDR01A02 -Little Dan River -7.27 Miles - Aquatic Life -Temperature	PARTIAL DELIST 2022 - TEMP - L42R-02-TEMP / VAW-L42R-01 4ALDR002.61 (Gammons Rd.) - The 2022 data window finds only one of 13 temperature observations in excess of the Class V 21 C criterion at 22 C (7/6/19). The resulting exceedance rate is 8% and less than the 10.5% impairment threshold; therefore, these waters are delisted for Aquatic Life Use due to temperature.
-VAW-L51R_GOB01A08 -Goblintown Creek -1.20 Miles - Fish Consumption -Mercury in Fish Tissue	PARTIAL DELIST 2022 - HG IN FISH TISSUE - L51R-01-HG / VAW-L51R-01 These waters are delisted based on 2020 fish tissue collections resulting in no excursions of the mercury WQS-base criterion of 0.3 ppm. 4AGOB005.18 (Fairystone Lake off Rt. 623 Bridge near Fairystone State Park) - The 2020 fish tissue collections found 5 fish composite of Largemouth bass at 0.27 ppm, 8 fish composite of Redear Sunfish at 0.06 ppm, 6 fish composite of Golden Redhorse at 0.18 ppm, and 3 fish composite of Carp at 0.13 ppm.
-VAW-L51R_GOB02A08 -Goblintown Creek -5.60 Miles - Fish Consumption -Mercury in Fish Tissue	PARTIAL DELIST 2022 - HG IN FISH TISSUE - L51R-01-HG / VAW-L51R-01 These waters are delisted based on 2020 fish tissue collections resulting in no excursions of the mercury WQS-base criterion of 0.3 ppm. 4AGOB005.18 (Fairystone Lake off Rt. 623 Bridge near Fairystone State Park) - The 2020 fish tissue collections found 5 fish composite of Largemouth bass at 0.27 ppm, 8 fish composite of Redear Sunfish at 0.06 ppm, 6 fish composite of Golden Redhorse at 0.18 ppm, and 3 fish composite of Carp at 0.13 ppm.
-VAW-L79L_MES01L00 -Lake Gordon -107.48 Acres - Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - L79L-02-DO - CFL 2018 4AMES007.54 (2019 Lake Gordon) Dissolved Oxygen - 0/19 Exceedance Rate

Roanoke and Yadkin River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAW-M03R_JOH01A02 -Johnson Creek -9.16 Miles - Aquatic Life -Temperature	PARTIAL DELIST 2022 - TEMP - M03R-01-TEMP/VAW-M03R-01 (2008) These waters are delisted based on data collections at station 4BJOH004.45 (RT. 672 BRIDGE). Station 4BJOH004.45 2022 IR data produce results with one excursion (22<U+00B0>C on 7/16/19) of the Class V Stockable Trout Waters temperature criterion of 21<U+00B0>C. The 2022 IR reports a temperature exceedance rate of less than 10.5% for the Aquatic Life Use.

Chowan River and Dismal Swamp Basins

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAT-K36R_BLW04C12 -Blackwater River - Lower Middle -4.07 Miles - Recreation -Escherichia coli (E. coli)	PARTIAL DELIST 2022 - ECOLI - K36R-02-BAC (2018) The recreation use is supporting with observed effects based on E. coli data collected at station 5ABLW009.14 (2 exceedances / 44 observations and no geometric mean exceedances). The change in WQS requires that the Recreation Use be delisted for this station in the 2022 IR cycle. The Recreation Use was previously impaired based on E. coli data collected at station 5ABLW009.14 and the different standard.
-VAT-K42E_ASH01A06 -Ashville Bridge Creek - Lower -0.022 Square Miles - Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 Aquatic Life Use is supporting due to DO and pH being delisted. New DO data collected at station 5BASH002.20 in 2019 and 2020 had 0 exceedances / 11 observations. Asheville Bridge has one permitted discharge- City of Virginia Beach MS4. Land Use is primarily crop, wetland and forest. Nutrient Monitoring data used in the TMDL exceed screening levels and are evidence of human impact to the stream. The phosphorus load reduction for Asheville Bridge is 34.59%. A Total Maximum Daily Load has been Developed for the Back Bay, North Landing River, and Pocaty River Watersheds for E. coli and Enterococci due to Recreation Use Impairments and Total Phosphorus Due to Low Dissolved Oxygen in Aquatic Life Use impairments. EPA approved 12/11/2014.
-VAT-K42E_ASH01A06 -Ashville Bridge Creek - Lower -0.022 Square Miles - Aquatic Life -pH	PARTIAL DELIST 2022 Aquatic Life Use is fully supporting due to delisting of dissolved oxygen and pH parameters. New pH data collected at station 5BASH002.20 in 2019 and 2020 had 0 exceedances / 10 observations. Asheville Bridge has one permitted discharge- City of Virginia Beach MS4. Land Use is primarily crop, wetland and forest. Nutrient Monitoring data used in the TMDL exceed screening levels and are evidence of human impact to the stream. The phosphorus load reduction for Asheville Bridge is 34.59%. The pH impairment was determined to be contributed by atmospheric deposition in the TMDL and will be addressed in a ecoregion/ statewide TMDL. The nutrient and bacteria TMDLs for Asheville Bridge will help eliminate pollutants that can also contribute to the low pH values. A Total Maximum Daily Load has been Developed for the Back Bay, North Landing River, and Pocaty River Watersheds for E. coli and Enterococci due to Recreation Use Impairments and Total Phosphorus Due to Low Dissolved Oxygen in Aquatic Life Use impairments. EPA approved 12/11/2014.

Tennessee and Big Sandy River Basins

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAS-P01R_CLN01A98 -Clinch River -6.14 Miles - Aquatic Life -Benthic Macroinvertebrates Bioassessments	PARTIAL DELIST 2022 - Benthic Macroinvertebrates At 6BCLN346.60, VSCI is fully supporting with scores of 77 and 67.5 in the 2020 monitoring season.
-VAS-P01R_PLU01A04 -Plum Creek -2.89 Miles - Aquatic Life -Benthic Macroinvertebrates Bioassessments	PARTIAL DELIST 2022 Cycle - Benthic Macroinvertebrates At 6BPLU002.15, VSCI: 11/23/2020 = 59.4, 6/4/2020 = 64.3. Biologists note marked improvements in bank stability and embeddedness, as well as a significant decrease in sediment deposition. Fall 2020 replicate sample VSCI score = 68
-VAS-P03R_COL01A04 -Coal Creek -3.12 Miles - Aquatic Life -Benthic Macroinvertebrates Bioassessments	PARTIAL DELIST 2022 VSCI at 6BCOL001.93: 11/23/2020 = 66.0, 5/12/2020 64.4.
-VAS-P03R_MCK01A10 -Mudlick Creek -2.11 Miles - Aquatic Life -Benthic Macroinvertebrates Bioassessments	PARTIAL DELIST 2022 At 6BMCK000.04 VSCI: 11/19/2020 = 65.9, 5/12/2020 = 58.8 and at 6BMCK000.54: 10/28/2019 = 52.0, 4/5/2019 = 74.2, 9/30/2016 = 58.1, 4/25/2016 = 80.3.
-VAS-P03R_THC01A10 -Town Hill Creek -0.25 Miles - Aquatic Life -Benthic Macroinvertebrates Bioassessments	PARTIAL DELIST 2022 VSCI at 6BTHC000.03: 11/19/2020 = 65.3, 5/12/2020 =67.0.
-VAS-P05R_LUC01A10 -Laurel Creek -3.41 Miles - Aquatic Life -Benthic Macroinvertebrates Bioassessments	DELIST 2022 At 6BLUC000.73, VSCI: 11/23/2020 = 63.9, 5/12/2020 = 66.4.
-VAS-P07R_TMP02A10 -Thompson Creek -3.41 Miles - Aquatic Life -Benthic Macroinvertebrates Bioassessments	PARTIAL DELIST 2022 At 6BTMP006.26, VSCI: 10/6/2020 = 65.0, 5/14/2020 = 61.8.
-VAS-P11R_EAS01A06 -Eastland Creek -2.00 Miles - Aquatic Life -Benthic Macroinvertebrates Bioassessments	DELIST 2022 VSCI at 6BEAS000.07: 11/18/2020 = 85.5, 5/8/2020 = 86.3

Tennessee and Big Sandy River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAS-P12R_DEV01A02 -Devil Fork -4.40 Miles - Aquatic Life -Benthic Macroinvertebrates Bioassessments	PARTIAL DELIST 2022 VSCI: 11/14/2019 = 64.0, 4/9/2019 = 64.8, 10/13/2016 = 58.7, 4/5/2016 = 65.5.
-VAS-P17R_BLK01A96 -Black Creek -3.12 Miles - Aquatic Life -Alkalinity	Most probable stressor identified in TMDL.
-VAS-P17R_BLK01A96 -Black Creek -3.12 Miles - Aquatic Life -Manganese	Most probable stressor identified in TMDL.
-VAS-P17R_CAL01A98 -Callahan Creek -1.68 Miles - Aquatic Life -Total Dissolved Solids (TDS)	Most probable stressor identified by TMDL.
-VAS-P17R_CAL01B04 -Callahan Creek -3.64 Miles - Aquatic Life -Total Dissolved Solids (TDS)	Most probable stressor as identified by TMDL study.
-VAS-P17R_PIG01A06 -Pigeon Creek -2.51 Miles - Aquatic Life -Benthic Macroinvertebrates Bioassessments	DELIST 2022 VSCI at 6BPIG001.58: 11/17/2020 = 71.2, 5/11/2020 = 62.2. Biologists note increases in the frequency of riffles and bank stability, as well as an increase in vegetative protection. Past DEQ sampling at this site had a VSCI score of 64.5 in 2010. If delisting for this segment is not approved, it will be submitted as a nesting candidate for the Powell River and North Fork Powell River Watersheds TMDL, Project #0130.
-VAS-P18R_PLL01A02 -South Fork Powell River -1.98 Miles - Aquatic Life -Benthic Macroinvertebrates Bioassessments	PARTIAL DELIST 2022 VSCI at 6BPLL004.40: 11/17/2020 = 68.1, 5/11/2020 = 61.9. This segment was incorrectly listed as impaired in the 2004 cycle. Recent benthic data shows this segment is fully supporting.
-VAS-P21R_TRA01A12 -Trading Creek -4.95 Miles - Aquatic Life -Benthic Macroinvertebrates Bioassessments	DELIST 2022 VSCI: 10/27/2020 = 69.3, 5/4/2020 = 67.4, 9/2/2015 = 62.7, 5/27/2015 = 55.0.

Tennessee and Big Sandy River Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAS-Q04R_GAR01B02 -Garden Creek -6.02 Miles - Aquatic Life -Total Dissolved Solids (TDS)	Total dissolved solids was identified as the most probable stressor in the TMDL.
-VAS-Q12R_RPC01A96 -Russell Prater Creek -11.72 Miles - Aquatic Life -Total Dissolved Solids (TDS)	Most probable stressor identified in TMDL.
-VAS-Q13R_PNK01A00 -North Fork Pound River tributaries -10.25 Miles - Aquatic Life -Benthic Macroinvertebrates Bioassessments	DELIST 2022 - 10.25 miles Original listing is incorrect. This segment was previously incorrectly assigned as Class V was assessed using data for 6APNK000.08, which is not on this segment. In addition, this segment has also been identified as failing to meet the Aquatic Life Use using data from 6APNK000.08. North Fork Pound Lake separates this segment and the next downstream segment, Q13R_PNK01A96, which is the location of 6APNK000.08.
-VAS-Q14R_CNR01A00 -Cranesnest River -12.93 Miles - Aquatic Life -Benthic Macroinvertebrates Bioassessments	PARTIAL DELIST 2022 VSCI at 6ACNR019.47: 11/10/2020 = 64.4 and at 6ACNR021.72: 10/31/2018 = 73, 4/24/2018 = 70.4, 11/6/2017 = 63.4.

Chesapeake Bay/Atlantic/Small Coastal Basins

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VACB-R01E_CB7N01A20 -Chesapeake Bay - Northern portion of CBP Segment CB7PH -0.023 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - DSS Cond #079-112 (Open) effective 6/14/2018
-VAP-C01E_ANT01A98 -Antipoison Creek -0.083 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0831 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_ANT01B08 -Antipoison Creek, UT -0.005 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0054 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_BAI01A16 -Bailey Prong -0.052 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0517 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_BAL01B20 -Ball Creek -0.039 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0702 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_BAL01B20 -Ball Creek -0.039 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - C01E-18-SF (CFL 2020) VDH-DSS Condemnation 014-124S152, 6/15/2020 - seasonally condemned Upstream Ball Creek was listed in the 1998 cycle due to VDH-DSS condemnation 014-124B, 6/2/1997. Although the segment was reopened for harvest, the bacteria TMDL was completed for the segment and was approved by the EPA on 8/22/2007 and by the SWCB on 7/31/2008 (Category 2C). A portion was relisted in the 2020 cycle (VDH-DSS Condemnation 014-124B, 5/4/2018). In the 2022 cycle, the condemnation converted to seasonally condemned and the stream will be delisted again (Category 2C/2B).

Chesapeake Bay/Atlantic/Small Coastal Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-C01E_BAR01A98 -Barrett Creek -0.066 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0656 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_BAR02A08 -Barrett Creek, UT -0.007 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0074 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_BLA01A22 -Blackwells Creek -0.045 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0451 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_BLA01B22 -Blackwells Creek -0.016 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - 0.0162 mi2 Fecal Coliform - C01E-01-SF2 (CFL 2004) VDH Shellfish Condemnation 013-089S181, 6/15/2020 - seasonally condemned The upstream portion of the Great Wicomico River was included on the 1998 303(d) list due to VDH Shellfish Condemnation 89A, 5/28/1997. The condemnation later expanded downstream on the mainstem and also incorporated Blackwells Creek. The bacteria TMDL only addressed the original upstream portion.. As the segment first expanded in the 2004 cycle, the TMDL for the expanded portion is due in 2016. The impairment is nested within the Great Wicomico River Shellfish TMDL, which was approved by the EPA on 6/8/2006 and by the SWCB on 3/23/2007. It was therefore considered Category 4A. Over several cycles, the expansion has reduced in size and split. In the 2022 cycle, the condemnation shrank further. The impairment is now limited to a portion of Blackwells Creek. This portion of Blackwells Creek is now seasonally condemned and will be partially delisted.
-VAP-C01E_BMC01A04 -Betts Mill Creek -0.048 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0479 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.

Chesapeake Bay/Atlantic/Small Coastal Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-C01E_BMC01B22 -Betts Mill Creek -0.034 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0340 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_BMC01B22 -Betts Mill Creek -0.034 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - 0.0340 mi2 Fecal Coliform - C01E-33-SF (CFL 2004) VDH-DSS Shellfish Condemnation Notice 013-089S181, 6/15/2020 - seasonally condemned The area was previously closed for shellfish harvesting due to 013-089B, 5/1/2018. The impairment was nested within the Great Wicomico River Shellfish TMDL, which was approved by the EPA on 6/8/2006 and by the SWCB on 3/23/2007 . The condemnation shrank in the 2022 cycle and this downstream portion is seasonally condemned and will be partially delisted.
-VAP-C01E_CHA01A08 -Dymer Creek, UT -0.018 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0178 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_CHA01B12 -Chases Cove -0.023 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0229 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_CLE01A98 -Cloverdale Creek -0.020 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0195 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_CLE01A98 -Cloverdale Creek -0.020 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - C01E-13-SF (CFL 2020) VDH-DSS Condemnation 014-124S151, 6/15/2020 - seasonally condemned Cloverdale Creek was included on the 1998 303(d) list due to VDH condemnation 124A, 6/2/1997. The TMDL for Cloverdale Creek was approved by the EPA on 8/22/2007 and by the SWCB on 7/31/2008. The condemnation was rescinded during the 2014 cycle and the creek was delisted (Category 2C.) It was relisted in the 2020 cycle (VDH-DSS Condemnation 014-124A, 5/4/2018). The area was seasonally condemned in the 2022 cycle and will be delisted again.

Chesapeake Bay/Atlantic/Small Coastal Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-C01E_COL01A08 -Coles Creek -0.019 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0190 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_CRN01A06 -Cranes Creek -0.019 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0189 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_CRN01A06 -Cranes Creek -0.019 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - C01E-38-SF (CFL 2008) VDH-DSS Condemnation 013-220, 6/15/2020 - open Cranes Creek was listed in the 2008 cycle due to VDH-DSS Shellfish Condemnation Number 013-220C, 6/23/2006. The impairment was considered nested within the nearby Whays Creek Shellfish TMDL. The TMDL was developed as part of the Great Wicomico River Watershed TMDL report and was approved by the EPA on 6/8/2006 and by the SWCB on 3/23/2007. In the 2022 cycle, VDH-DSS Condemnation 013-220C, 5/1/2018 was rescinded and the area was re-opened and will be delisted.
-VAP-C01E_CRN01B06 -Cranes Creek -0.016 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0162 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_DIV01C14 -Dividing Creek, UT -0.009 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0089 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_DIV01C14 -Dividing Creek, UT -0.009 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - 0.0089 mi2 Fecal Coliform - C01E-15-SF (CFL 2014) VDH-DSS Condemnation 015-022, 6/15/2020 - open The upstream section of Dividing Creek was included on the 1998 303(d) list for the Shellfish Use due to VDH condemnation 22A, 2/27/1997. The bacterial TMDL was completed for the 1998 impairment. The condemnations have varied in size throughout the cycles. In the 2022 cycle, the UT (015-022G, 5/3/2018) was re-opened and partially delisted. The open area that is within the TMDL study area is considered Category 2C. The closed areas remain Category 4A.

Chesapeake Bay/Atlantic/Small Coastal Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-C01E_DVN01A04 -Davenport Creek -0.019 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0193 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_GSK01A10 -Gaskin Pond -0.076 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0755 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_GSK01B22 -Gaskin Pond -0.042 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0421 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_GSK01B22 -Gaskin Pond -0.042 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - 0.0421 mi2 Fecal Coliform - C01E-14-SF (CFL 2010) VDH-DSS Condemnation 011-122S189, 8/15/2020 - seasonally condemned The Gaskin Pond shellfish condemnation is considered nested in the TMDL for the neighboring Owens Pond shellfish condemnation. The TMDL was approved by the EPA on 6/19/2009 and by the SWCB on 11/14/2009. The size of the condemnation has varied. In the 2022 cycle, the condemnation shrank again and a portion is now seasonally condemned and will be partially delisted.
-VAP-C01E_GWR01B08 -Great Wicomico River -0.070 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - 0.0695 mi2 Fecal Coliform - C01E-01-SF2 (CFL 2004) Portion of VDH Shellfish Condemnation 013-089S182, 6/15/2020 - seasonally condemned The upstream portion of the Great Wicomico River was included on the 1998 303(d) list due to VDH Shellfish Condemnation 89A, 5/28/1997. The condemnation later expanded downstream on the mainstem and also incorporated Blackwells Creek. The bacteria TMDL only addressed the original upstream portion.. As the segment first expanded in the 2004 cycle, the TMDL for the expanded portion is due in 2016. The impairment is nested within the Great Wicomico River Shellfish TMDL, which was approved by the EPA on 6/8/2006 and by the SWCB on 3/23/2007. It was therefore considered Category 4A. Over several cycles, the expansion has reduced in size and split. In the 2022 cycle, the condemnation shrank further. The impairment is now limited to a portion of Blackwells Creek. This portion of the Great Wicomico River mainstem is now seasonally condemned and will be partially delisted.
-VAP-C01E_GWR01D22 -Great Wicomico River -0.036 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - 0.0357 mi2 Fecal Coliform - C01E-01-SF (CFL 1998) Portion of VDH-DSS Shellfish Condemnation Notice 013-089S182, 6/15/2020 - seasonally condemned The upstream portion of the Great Wicomico River was included on the 1998 303(d) list due to VDH Shellfish Condemnation 89A, 5/28/1997. The segment subsequently expanded (see C01E-01-SF2). The TMDL was approved by the EPA on 6/8/2006 and by the SWCB on 3/23/2007; however, the bacteria TMDL only addressed the original upstream portion, which is considered Category 4A. In the 2022 cycle, the condemnation shrank and this portion is now seasonally condemned and will be partially delisted (Category 2C/2B.)

Chesapeake Bay/Atlantic/Small Coastal Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-C01E_GWR03B16 -Great Wicomico River -0.004 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0041 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_HAP01B10 -Harpers Creek -0.022 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0218 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_HAV01A08 -Harveys Creek -0.045 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0449 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_HEN01A00 -Henrys Creek -0.041 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0405 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_HEN01B14 -Henrys Creek -0.030 Square Miles - Aquatic Life, Deep-Water Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0298 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_HHB01A98 -Horn Harbor -0.071 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0713 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.

Chesapeake Bay/Atlantic/Small Coastal Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-C01E_HHB01A98 -Horn Harbor -0.071 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - C01E-07-SF (CFL 2002) VDH-DSS Shellfish Condemnation Notice 013-089S183, 6/15/2020 - seasonally condemned Horn Harbor was previously listed as impaired of the Shellfish Use due a VDH-DSS Shellfish Condemnation Notice. In the 2020 cycle, it was included under 013-089D, 5/1/2018. The impairment was nested within the Tipers Creek Shellfish TMDL; the TMDL was developed in the Great Wicomico River Watershed TMDL Report and was approved by the EPA on 6/8/2006 and by the SWCB on 3/23/2007. The area is seasonally condemned in the 2022 cycle and it will be delisted.
-VAP-C01E_HRB01A12 -Head River Branch -0.020 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0196 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_IND02A98 -Indian Creek -0.015 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0154 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_JAR01A02 -Jarvis Creek, UT -0.026 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0263 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_JAR01B08 -Jarvis Creek -0.016 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0155 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_LEE01A02 -Lees Cove -0.015 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0154 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.

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Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-C01E_LEE02A12 -Lees Cove -0.010 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0104 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_LOC01A08 -Long Creek -0.017 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0166 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_LRC01A12 -Lawrence Cove -0.087 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0869 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_LTM01A98 -Little Taskmakers Creek -0.038 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0378 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_LTM01B22 -Little Taskmakers Creek -0.011 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0108 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_NPC01A16 -Natty Point Cove -0.018 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0176 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.

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Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-C01E_OWP01A98 -Owens Pond -0.076 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0760 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_OWP02B12 -Owens Pond -0.037 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0365 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_OWP02B12 -Owens Pond -0.037 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - C01E-53-SF (CFL 2012) VDH-DSS Shellfish Condemnation Notice 011-122S191, 8/15/2020 - seasonally condemned Owens Pond was listed on the 1998 303(d) list due to VDH condemnation 122, 1/3/1992. The Shellfish TMDL was developed was approved by the EPA on 6/19/2009 and by the SWCB on 11/14/2009. The condemnation was lifted on 9/29/2008; therefore, the segment was delisted (Category 2C) (C10E-10-SF / 00967). However, portions of Owens Pond were relisted in the 2012 cycle and were considered Category 4A. It converted to seasonally condemned in the 2022 cycle and will be delisted (Category 2C/2B.).
-VAP-C01E_OWP02C12 -Owens Pond -0.073 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0732 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_OYS01A08 -Oyster Creek -0.103 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.1033 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_PEN01A12 -Penny Creek -0.009 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0085 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.

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Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-C01E_PNT02C22 -Prentice Creek, UT -0.004 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0038 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_PNT03A02 -Prentice Creek -0.015 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0146 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_TBS01A98 -Tabbs Creek -0.180 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.1796 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_TBS01B10 -Tabbs Creek -0.025 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0292 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_TBS01C22 -Tabbs Creek -0.029 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0251 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_TIP01A98 -Tipers Creek -0.052 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0518 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.

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Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-C01E_TIP01B22 -Tipers Creek -0.031 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0308 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_TIP01B22 -Tipers Creek -0.031 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - 0.0308 mi2 Fecal Coliform - C01E-03-SF (CFL 1998) Portion of VDH-DSS Shellfish Condemnation Notice 013-089S178, 6/15/2020 - seasonally condemned The upstream portion of Tipers Creek was included on the 1998 303(d) list due to VDH Shellfish Condemnation 89C, 5/28/1997. The TMDL was approved by the EPA on 6/8/2006 and by the SWCB on 3/23/2007. Although the condemnation later expanded beyond the 1998 condemnation, the bacteria TMDL only addressed the original upstream portion, which is now considered Category 4A. The lower portion is addressed in fact sheet C01E-03-SF2. In the 2022 cycle, the condemnation shrank and the downstream portion is now seasonally condemned. The expansion will be delisted (Category 2B). The portion of the seasonal condemnation within the approved TMDL will be partially delisted (Category 2C/2B).
-VAP-C01E_TIP02A08 -Tipers Creek -0.013 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0131 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_TIP02A08 -Tipers Creek -0.013 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - C01E-03-SF2 (CFL 2002) Portion of VDH-DSS Shellfish Condemnation Notice 013-089S178, 6/15/2020 - seasonally condemned The upstream portion of Tipers Creek was included on the 1998 303(d) list due to VDH Shellfish Condemnation 89C, 5/28/1997. The TMDL was approved by the EPA on 6/8/2006 and by the SWCB on 3/23/2007. Although the condemnation later expanded beyond the 1998 condemnation, the bacteria TMDL only addressed the original upstream portion, which is now considered Category 4A. The lower portion is addressed in fact sheet C01E-03-SF2. In the 2022 cycle, the condemnation shrank and the downstream portion is now seasonally condemned. The expansion will be delisted (Category 2B). The portion of the seasonal condemnation within the approved TMDL will be partially delisted (Category 2C/2B).
-VAP-C01E_TOW01A06 -Towles Creek -0.027 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0273 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.

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Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-C01E_TSK01A14 -Taskmakers Creek -0.021 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0210 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_WCO01A98 -Warehouse Creek -0.069 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0688 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_WHY01A98 -Whays Creek -0.028 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0280 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_WHY01B22 -Whays Creek -0.013 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0133 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_WHY01B22 -Whays Creek -0.013 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - 0.0133 mi2 Fecal Coliform - C01E-05-SF (CFL 1998) VDH-DSS Shellfish Condemnation Notice 013-220, 6/15/2020 - open The upstream portion of Whays Creek was included on the 1998 303(d) list as impaired of the Shellfish Consumption Use due to VDH Condemnation 89F, 5/28/1997. The shellfish TMDL , which was approved by the EPA on 6/8/2006 and by the SWCB on 3/23/2007, was based on condemnation 089D, 4/3/2002. In the 2022 cycle, the condemnation shrank. The downstream re-opened area will be partially delisted (Category 2C.)
-VAP-C01E_WHY03A10 -Whays Creek -0.099 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0990 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.

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Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-C01E_XDL01A02 -XDL - Chesapeake Bay, UT (aka Big Fleets Pond) -0.018 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0184 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_XDZ01A10 -XDZ - Mill Creek, UT (Gascony Cove) -0.028 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0276 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_XEO01A10 -XEO - Reason Creek, UT -0.001 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0014 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_XEU01A02 -XEU - Prentice Creek, UT -0.011 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0105 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_XEV01A12 -XEV - Mill Creek, UT -0.007 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0071 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_XEW01A14 -XEW - Chesapeake Bay, UT -0.022 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0222 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.

Chesapeake Bay/Atlantic/Small Coastal Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-C01E_XFC02C12 -XFC - Antipoison Creek, UT -0.002 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0019 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_XUC01A98 -XUC - Dividing Creek, UT -0.013 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0131 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C01E_ZZZ01D14 -Unsegmented estuaries in C01 -0.065 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - 0.0647 mi2 Dissolved Oxygen - CB5MH-DO-BAY (CFL 2020) The Chesapeake Bay Water Quality Standards were implemented during the 2006 cycle. These criteria are based on segment-wide dissolved oxygen and submerged aquatic vegetation criteria. In the 2020 cycle, CB5MH failed the 30-day summer Open Water dissolved oxygen criteria. The rest-of-year 30-day mean criteria was met and there is insufficient information to assess other frequencies. The estuary passes both the summer and rest-of-year criteria in the 2022 cycle and will be partially delisted. The Chesapeake Bay TMDL was approved by the EPA on 12/29/2010; therefore, CB5MH is considered Category 2C.
-VAP-C03E_JCK01A98 -Jackson Creek -0.019 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - C03E-08-SF (CFL 1998) Portion of VDH-DSS SFC Notice 033-084M1, 2/15/2020 Two areas of Jackson Creek were listed as impaired on the 1998 303(d) list due to VDH Condemnation 84A & B, 11/1/1996. Although the condemnations expanded and merged in the 12/30/2004 condemnation, the bacteria TMDL, which was developed by the DEQ and approved by the EPA on 6/7/2006 only addressed the original areas. The lower portion was addressed in fact sheet C03E-08-SF2. In the 2022 cycle, VDH-DSS SFC Notice 033-084A, 12/11/2018 retracted and only the UT remains impaired. This original cove is seasonally condemned and will be delisted.
-VAP-C03E_JCK01B08 -Jackson Creek -0.015 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - C03E-11-SF (CFL 2014) Portion of VDH-DSS SFC Notice 033-084M1, 2/15/2020 - seasonally condemned Two areas of Jackson Creek were listed as impaired on the 1998 303(d) list due to VDH Condemnation 84A & B, 11/1/1996. The bacteria TMDL was approved by the EPA on 6/7/2006 and by the SWCB on 6/27/2007. This area was delisted in 2010 and relisted in 2014. This area is classified as Category 4A. It grew substantially in the 2020 cycle and was larger than the TMDL extent. The expansion was considered nested. The condemnation was rescinded in the 2022 cycle. It is currently seasonally condemned and will be delisted.

Chesapeake Bay/Atlantic/Small Coastal Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-C03E_JCK01C08 -Jackson Creek -0.030 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - C03E-08-SF2 (CFL 2006) Portion of VDH-DSS Condemnation 033-084M1, 2/15/2020 Two areas of Jackson Creek were listed as impaired on the 1998 303(d) list due to VDH Condemnation 84A & B, 11/1/1996. Although the condemnations expanded and merged in the 033-084A, 12/30/2004 condemnation, the bacteria TMDL, which was developed by the DEQ and approved by the EPA on 6/7/2006 only addressed the original areas. These areas are classified as Category 4A. The TMDL for the expansion was due in 2018. However, during the 2010 cycle, the condemned portion shrank considerably. The majority of the area became seasonally condemned and was partially delisted. The condemned expansion is nested in the Jackson Creek TMDL and is considered Category 4A. It expanded slightly in the 2020 cycle and merged with the UT impairment. That area is addressed separately (see C03E-22-SF) In the 2022, cycle, this area converted to seasonally condemned and will be delisted.
-VAP-C03E_JCK02A20 -Jackson Creek -0.032 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - C03E-23-SF (CFL 2020) Portion of VDH-DSS SFC Notice 033-084M1, 2/15/2020 - seasonally condemned Two areas of Jackson Creek were listed as impaired on the 1998 303(d) list due to VDH Condemnation 84A & B, 11/1/1996. The bacteria TMDL was approved by the EPA on 6/7/2006. The condemnation for old area B grew substantially in the 2020 cycle (Portion of VDH-DSS SFC Notice 033-084D, 12/11/2018) and became larger than the TMDL extent. This fact sheet covers the expansion, which was nested. The condemnation was rescinded in the 2022 cycle; the area is now seasonally condemned and will be delisted.
-VAP-C03E_MRE01A02 -Moore Creek -0.034 Square Miles - Shellfishing -Fecal Coliform	Designated Use Removed - See Appendix 3
-VAP-C03E_MRE01B22 -Moore Creek -0.035 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - C03E-07-SF (CFL 2002) VDH-DSS Condemnation 034-208S69, 12/15/2020 - seasonally condemned Moore Creek has been impaired of the shellfish use since 2002. The impairment was nested within the nearby Healy Creek TMDL, which was addressed in the report "Piankatank River, Lower Watershed TMDL Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination". The TMDL was approved by the EPA on 11/15/2005 and by the SWCB on 9/7/2006. Size increased in the 2020 cycle (VDH-DSS Condemnation 034-208C, 12/28/2018). In the 2022 cycle, the condemnation split. The upstream portion is now administratively condemned (use removed) and the downstream portion is seasonally condemned. The impairment will be delisted in both segments.
-VAP-C04E_BEV01A08 -Belleville Creek -0.053 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - C04E-47-SF (CFL 2008) VDH Shellfish Condemnation 042-157S162, 7/15/2020 - seasonal Belleville Creek was previously impaired of the Shellfish Use. It was nested within the nearby Back Creek Shellfish TMDL; the TMDL was developed in the North River TMDL report, which was approved by the EPA on 6/7/2006 and by the SWCB on 3/23/2007. VDH Shellfish Condemnation 042-157B, 8/6/2018 was rescinded in the 2022 cycle. The area is currently seasonally condemned and will be delisted.
-VAP-C04E_BRN02A22 -Barn Creek -0.026 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - 0.0264 mi2 Fecal Coliform - C04E-28-SF (CFL 2008) VDH-DSS Shellfish Condemnation 036-197S126, 3/15/2019 - seasonally condemned Barn Creek is nested within the nearby Edwards Creek Shellfish TMDL, which was addressed in the Gwynn's Island and Milford Haven Watersheds report. The TMDL was approved by the EPA on 1/15/2008 and by the SWCB on 7/31/2008. In the 2022 cycle, the condemnation shrank and the downstream portion is now seasonally condemned and will be partially delisted.

Chesapeake Bay/Atlantic/Small Coastal Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-C04E_DVS03A12 -Davis Creek -0.013 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - C04E-54-SF (CFL 2012) VDH-DSS condemnation 040-085 - open The cove was previously impaired of the Shellfish Use. The impairment was nested within the neighboring Davis Creek Shellfish TMDL, which was approved by the EPA on 1/23/2008 and by the SWCB on 7/31/2008. It is considered Category 4A. It expanded slightly in the 2020 cycle (VDH-DSS condemnation 040-085A, 9/24/2018). In the 2022 cycle, the condemnation was rescinded and will be delisted.
-VAP-C04E_NOR01B08 -North River -0.364 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - C04E-46-SF (CFL 2020) Portion of VDH-DSS Condemnation 042-157S24, 7/15/2020 - seasonal The upstream portion of the North River was included on the 1998 303(d) list due to VDH Shellfish Condemnation 157A, 6/3/1997 (see fact sheet C04E-08-SF.) The TMDL was approved by the EPA on 6/7/2006 and by the SWCB on 3/23/2007. The condemnation expanded past the TMDL extent in the 2020 cycle (portion of VDH-DSS Condemnation 042-157A, 8/6/2018). The expansion was considered nested (Category 4A.) It contracted again in the 2022 cycle and the lower portion is seasonally condemned. The expansion was delisted (Cat 2B).
-VAP-C04E_NOR01C22 -North River -0.067 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - 0.0666 mi2 Fecal Coliform - C04E-08-SF (CFL 1998) Portion of VDH-DSS SFC Number 042-157S24, 7/15/2020 - seasonal The upstream portion of the North River was included on the 1998 303(d) list due to VDH Shellfish Condemnation 157A, 6/3/1997. The TMDL was approved by the EPA on 6/7/2006 and by the SWCB on 3/23/2007. The original portion is considered Category 4A. The condemnation expanded past the TMDL extent in the 2020 cycle; the expansion was addressed in fact sheet C04E-46-SF. It contracted again in the 2022 cycle and the lower portion is seasonally condemned. The expansion was delisted (Cat 2B) and the lower portion of the TMDL extent was partially delisted (Cat 2C/2B).
-VAP-C04E_QUE01D22 -Queens Creek -0.068 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - 0.0684 mi2 Fecal Coliform - C04E-01-SF (CFL 1998) VDH-DSS condemnation 037-099S132C, 4/15/2020 - seasonally condemned A portion of Queens Creek was assessed as impaired of the Shellfish Use during the 1998 cycle due to condemnation 99A, 4/9/1997. The Shellfish TMDL for Queens Creek was approved by the EPA on 1/15/2008 and by the SWCB on 7/31/2008. During several assessment cycles the condemned area has expanded and contracted. In the 2020 cycle, it matched the 1997 condemnation. In the 2022 cycle, it shrank and split. The condemned areas are considered Category 4A; the seasonal area will be partially delisted (Category 2C).
-VAP-C04E_QUE02A12 -Queens Creek, UT -0.011 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - C04E-35-SF (CFL 2020) VDH-DSS condemnation 037-099S169, 4/15/2020 - seasonally condemned The UT was impaired of the Shellfish Use in the 2022 cycle (VDH-DSS condemnation 037-099D, 3/8/2018). The impairment was considered nested within the Queens Creek Shellfish TMDL, which was approved by the EPA on 1/15/2008 and by the SWCB on 7/31/2008. The condemnation shrank and converted to seasonally condemned in the 2022 cycle. It will be delisted (Category 2B).
-VAP-C04E_SLO01A08 -Sloop Creek -0.028 Square Miles - Shellfishing -Fecal Coliform	Designated Use Removed - See Appendix 3
-VAP-C04E_STT01D22 -Stutts Creek -0.016 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - 0.0735 mi2 Fecal Coliform - C04E-05-SF (CFL 1998) Portion of VDH Shellfish Condemnation 037-061S128, 4/15/2020 Portions of Stutts Creek and Morris Creek were included on the 1998 303(d) list due to VDH Shellfish Condemnations 61A & 61B, 4/4/1997. The condemnations have since merged and separated several times. However, the TMDL, which was approved by the EPA on 1/15/2008 and by the SWCB on 7/31/2008, only addressed the portions which were impaired during the 1998 cycle. The 1998 portions are considered Category 4A. The expanded areas are addressed in fact sheet C04E-05-SF2. In the 2022 cycle, condemnation A shrunk and is now smaller than the 1998 impairment. The seasonally condemned area will be partially delisted (Category 2C/2B).

Chesapeake Bay/Atlantic/Small Coastal Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAP-C04E_STT02B20 -Stutts Creek, UT -0.009 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - C04E-38-SF (CFL 2020) Portion of VDH-DSS Condemnation 037-061S128, 4/15/2020 - seasonally condemned The tributary was previously impaired of the Shellfish Use. The impairment was nested within the upstream Stutts Creek Shellfish TMDL, which was addressed in the Gwynn's Island and Milford Haven Watersheds report. The TMDL was approved by the EPA on 1/15/2008 and by the SWCB on 7/31/2008. In the 2022 cycle, VDH-DSS Condemnation 037-061D, 2/21/2017 was rescinded and the area is now seasonally condemned and will be delisted.
-VAP-C04E_WIN01C20 -Winter Harbor -0.030 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - C04E-41-SF (CFL 2020) VDH-DSS Condemnation 038-178S171, 4/15/2020 - seasonal The segment was previously impaired of the Shellfish Use due to VDH-DSS condemnation 038-178C, 2/28/2018. The impairment was nested in the nearby Horn Harbor Shellfish TMDL, which was approved by the EPA on 1/23/2008 and by the SWCB on 7/31/2008. In the 2022 cycle, the condemnation was rescinded. The area is currently seasonally condemned and will be delisted.
-VAP-C04E_WIN03C22 -Winter Harbor -0.124 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - 0.1242 mi2 Fecal Coliform - C04E-31-SF (CFL 2018) VDH-DSS condemnation 038-178S122, 4/15/2020 - seasonal Upstream Winter Harbor was impaired of the Shellfish Use. The impairment is nested in the nearby Horn Harbor Shellfish TMDL, which was approved by the EPA on 1/23/2008 and by the SWCB on 7/31/2008. The condemnation expanded in the 2020 cycle (038-178A, 2/28/2018). In the 2022 cycle, the condemnation shrank and split. The downstream seasonally condemned portion will be partially delisted. The remaining condemnations are Category 4A.
-VAP-C04E_XFE01A16 -XFE - Piankatank River, UT (aka Kibble Pond) -0.016 Square Miles - Shellfishing -Fecal Coliform	Designated Use Removed - See Appendix 3
-VAP-C06E_MNC01B18 -Monday Creek -0.064 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - C06E-07-SF (CF 2018) VDH-DSS Condemnation 045-125, 12/15/2020 - open A portion of Monday Creek was included on the 1998 303(d) list due to VDH Shellfish Condemnation 25A, 12/31/1996 (C06E-02-SF). The TMDL for the area was approved by the EPA on 6/7/2006 and by the SWCB on 3/23/2007. However, the condemnation was fully rescinded during the 2010 cycle (045-125, 12/11/2008) and the entire area was delisted (Category 2C). An upstream portion was relisted in the 2018 cycle (Cat 4A). In the 2022 cycle, VDH-DSS Condemnation 045-125A, 12/12/2017 was rescinded. The area was re-opened for harvest and will be delisted.
-VAP-C06E_SEN01B16 -Northwest Branch Severn River, UT -0.034 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - C06E-02-SF (CFL 2016) The upper portion of the Northwest Branch Severn River and a portion of Vaughans Creek were included on the 1998 303(d) list due to VDH Shellfish Condemnations 93A and 93B, 4/1/1997, respectively. The Bacteria TMDL for the Shellfish Impairments in the Severn River Watershed was approved by the EPA on 6/7/2006 and by the SWCB on 3/23/2007). During the 2014 cycle, both creeks were completely reopened for harvest (044-093, 2/22/2012); therefore, the streams were delisted (Category 2C). The segment was relisted in the 2016 cycle (Category 4A). In the 2022 cycle, VDH-DSS condemnation 044-093D, 5/30/2018 was rescinded and the cove was delisted again.
-VAT-AO23_ATL02A16 -Atlantic Ocean Beaches - Croatan -0.410 Square Miles - Recreation -Enterococcus	DELIST 2022- ENTEROCOCCUS- AO23-01-BAC(2016) Croatan Beach now meets the Recreation Use with no STV or geomean exceedances. This is based on enterococcus data with 0 exceedances out of 40 samples and 0 geomean exceedances out of 22 geomean samples.

Chesapeake Bay/Atlantic/Small Coastal Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAT-C07E_BTH01A08 -Boathouse Creek -0.042 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 The Shellfishing Use is now fully supporting with an observed effect based on the DSS shellfish conditionally approved-condemnation harvesting area # 053-221 S141 (effective 20200615). Was previously supporting in the 2018 IR but was impaired in 2020 IR. Segment was shortened to include supporting portions with AU VAT-C07E_CHS02A06. This AU was covered within an existing TMDL but this AU has been listed before, therefore it is not a nested station. In 2016 IR all of Boathouse Creek was OPEN for shellfish. Therefore segment VAT-C07E_BTH02A12 was merged with VAT-C07E_BTH01A08. The delist is for segment BTH02A12 with 0.0416 sq miles in 2016 (C07E-37-SF (2012))
-VAT-C07E_CHS03A20 -Chisman Creek - Lower -0.006 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 The Shellfishing Use is fully supporting with an observed effect based on the DSS shellfish Conditionally Approved - condemnation # 053- 221 S138 (20200615). The Use was previously impaired in the 2020 IR as the DSS shellfish Restricted-condemnation allows direct harvesting of the resource [DSS Restricted-condemnation # 053-221 effective 20180425) M1 for marina. Was split from AU VAT-C07E_CHS02A06 due to an impairment in this AU.
-VAT-C07E_HOD01A08 -Hodges Creek - Upper -0.047 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 The Shellfishing use is now fully supporting with an observed effect based on DSS shellfishing Conditionally Approved condemnation # 053-137 S142 (20200615). The Use was impaired in the 2020 IR due to the placement of a Restricted-condemnation #053-137 (20180425) in the 2020 IR cycle compared to the fully supporting rating in the 2018 IR cycle. The AU has shrunk this cycle due to the joining of OPEN shellfish areas (VAT-C07E_POQ02A06). In 2016 IR segment was delisted for fecal coliform CO7E-24-SF (2006).
-VAT-C07E_LON02A10 -Long & Grunland Creeks - DSS Admin Area -0.085 Square Miles - Aquatic Life, Open-Water Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 The segment was previously listed as Cause because it was assessed as part of the MOBPH Ches Bay segment. It is actually a part of the CB8PH segment.
-VAT-C08E_CBB02B20 -North Community Beach -0.044 Square Miles - Recreation -Enterococcus	PARTIAL DELIST 2022 Recreation Use is fully supporting based on data from station VA536165. There were no STV exceedance rates >10% or geomean exceedances in any 90-day period represented by 10+ samples.
-VAT-C08E_CBB03A16 -Chicks Beach -0.433 Square Miles - Recreation -Enterococcus	PARTIAL DELIST 2022 The Recreation Use is fully supporting based on data from the VDH Beach Monitoring Program and joint VDH-DEQ assessment review at Chicks Beach Station VA718451. There were no STV exceedance rates >10% or geomean exceedances in any 90-day period represented by 10+ samples.
-VAT-C10E_PMC01A20 -Pompco Creek -0.011 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - FECAL COLIFORM - C10E-28-SF (2020) The Shellfishing Use is supporting based on a OPEN DSS Condemnation Number # 079-112 (effective 20180614)
-VAT-C10R_SBB01A00 -Sandy Bottom Branch -1.30 Miles - Aquatic Life, Wildlife -Copper	PARTIAL DELIST 2022-COPPER-C10R-02-CU (2002) The Aquatic Life Use is fully supporting based on copper data collected in 2018 and 2019 with 0 exc / 3 obs at station 7-SBB000.17.The Freshwater acute criteria for copper was exceeded in monitoring @ 7-SBB000.17 (1 exc / 2 obs.) in 2000 and 2001.

Chesapeake Bay/Atlantic/Small Coastal Basins continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAT-C14E_HUG02C14 -Hungars Creek - Northern Trib -0.073 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022-Fecal Coliform-C14E-19-SF (2014) The Shellfishing Use is fully supporting with an observed effect based on the Conditionally Approved Growing Area 086-136 S196 effective date 20200915.
-VAT-C15E_CRS01B18 -Cherrystone Inlet - Eyrehall Cr -0.103 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022- Fecal Coliform- C15E-14-SF(2020) The Shellfishing Use is fully supporting based on the OPEN Growing Area 088-139 effective date 20200815.
-VAT-C15E_CRS02A20 -Cherrystone Inlet - Upper -0.243 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022- Fecal Coliform- C15E-15-SF(2020) The Shellfishing Use is fully supporting based on the OPEN Growing Area 088-139 effective date 20200815.
-VAT-D04E_WAS02A14 -Wachapreague Channel -0.026 Square Miles - Aquatic Life -Dissolved Oxygen	PARTIAL DELIST 2022 - Dissolved Oxygen - D03E-07-DO (2018) The Aquatic Life Use is supporting based on data extrapolated from upstream station at 7-WAS003.26. Aquatic Life was previously not supported based on DO with 2 exceedances out of 17 observations at DEQ station @ 7-WAS003.26. DO is now being delisted in the 2022 IR cycle with 2 exceedances out of 25 samples. pH is supporting with 0 exceedances out of 23 samples.

York River Basin

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAN-F06R_GMC01A00 -Gold Mine Creek -7.53 Miles - Fish Consumption -Benzo[b]fluoranthene	PARTIAL DELIST 2022 - benzo(b)fluoranthene - F07L-02-PAHHMW, VAN-F06R-03 (CFL 2010) During previous cycles, this segment was assessed as impaired due to exceedances of the water quality criterion based fish tissue value (TV) of 5.5 parts per billion (ppb) for benzo(b)fluoranthene recorded in two total samples of two species of fish (largemouth bass and carp) collected in 2003 at station 8-GMC001.43. In the 2022 assessment, the water quality criterion based tissue value (TV) was updated to 50 parts per billion. None of the historical fish tissue samples exceed the updated TV; therefore, this segment is being submitted for delist for benzo(b)fluoranthene. Because no new data are available for assessment, this parameter is being removed from the fish consumption use.
-VAN-F06R_GMC01A00 -Gold Mine Creek -7.53 Miles - Fish Consumption -Benzo[k]fluoranthene	PARTIAL DELIST 2022 - benzo(k)fluoranthene - F07L-01-BZOKFL, VAN-F06R-03 (CFL 2010) During previous cycles, this segment was assessed as impaired due to exceedances of the water quality criterion based fish tissue value (TV) of 5.5 parts per billion (ppb) for benzo(k)fluoranthene recorded in two total samples of two species of fish (largemouth bass and carp) collected in 2003 at station 8-GMC001.43. In the 2022 assessment, the water quality criterion based TV was updated to 500 parts per billion. None of the historical fish tissue samples exceed the updated TV; therefore, this segment is being submitted for delist for benzo(k)fluoranthene. Because no new data are available for assessment, this parameter is being removed from the fish consumption use.
-VAN-F07L_GMC01A02 -Lake Anna/Gold Mine Creek -91.63 Acres - Fish Consumption -Benzo[b]fluoranthene	PARTIAL DELIST 2022 - benzo(b)fluoranthene - F07L-02-PAHHMW, VAN-F06R-03 (CFL 2010) During previous cycles, this segment was assessed as impaired due to exceedances of the water quality criterion based fish tissue value (TV) of 5.5 parts per billion (ppb) for benzo(b)fluoranthene recorded in two total samples of two species of fish (largemouth bass and carp) collected in 2003 at station 8-GMC001.43. In the 2022 assessment, the water quality criterion based tissue value (TV) was updated to 50 parts per billion. None of the historical fish tissue samples exceed the updated TV; therefore, this segment is being submitted for delist for benzo(b)fluoranthene. Because no new data are available for assessment, this parameter is being removed from the fish consumption use.
-VAN-F07L_GMC01A02 -Lake Anna/Gold Mine Creek -91.63 Acres - Fish Consumption -Benzo[k]fluoranthene	PARTIAL DELIST 2022 - benzo(k)fluoranthene - F07L-01-BZOKFL, VAN-F06R-03 (CFL 2010) During previous cycles, this segment was assessed as impaired due to exceedances of the water quality criterion based fish tissue value (TV) of 5.5 parts per billion (ppb) for benzo(k)fluoranthene recorded in two total samples of two species of fish (largemouth bass and carp) collected in 2003 at station 8-GMC001.43. In the 2022 assessment, the water quality criterion based TV was updated to 500 parts per billion. None of the historical fish tissue samples exceed the updated TV; therefore, this segment is being submitted for delist for benzo(k)fluoranthene. Because no new data are available for assessment, this parameter is being removed from the fish consumption use.
-VAT-F27E_CDB04A18 -UT to Cedarbush Creek -0.029 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - F27E-32-SF (2018) Shellfishing Use fully supporting based on VDH-DSS Open Condemnation # 047-078 (effective 20200715). Previously, in the 2020 IR, Shellfishing Use was not supporting with a Restricted Condemnation # 047-078 D(effective 20180815). Cedarbush Creek is under the TMDL project York River shellfish waters (growing area 47) (0765).
-VAT-F27E_PRN01C12 -Perrin River - Upper -0.030 Square Miles - Shellfishing -Fecal Coliform	PARTIAL DELIST 2022 - Fecal Coliform - F27E-29-SF (2002) The Shellfishing use is fully supporting based on open condemnation #046-081 A (20180906). This is a nested station within the boundaries of the applicable TMDL. The AU area shrunk in size during the 2022 IR. Admin Restricted condemnation shellfish areas were cut from VAT-F27E_PRN01C12 and joined VAT-F27E_PRN02A00. The Shellfishing use was relisted in the 2020 IR due to a Restricted-Condemnation #046-081 (20180906) being placed in this previously supporting water; this results in a nested station as this station is completely contained within the existing TMDL (fecal coliform). The reductions listed in the TMDL apply throughout the watershed and are as follows: livestock reductions, wildlife reductions, pet reductions, and human-related reductions. The current point sources that exist within the AU are consistent with the point sources listed in the TMDL.

York River Basin continued...

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAT-F27E_YRK01D06 -York River - Yorktown Beach -0.024 Square Miles - Recreation -Enterococcus	PARTIAL DELIST 2022 - Enterococcus - F27E-06-BAC (2016) Enterococcus is fully supporting at station VA482894 with 0 exceedances out of 31 samples and 0 geomean exceedances out of 13 geomean samples. The supporting status is given due to no STV exceedance rates >10% or geomean exceedances in any 90-day period represented by 10+ samples.
-VAT-F27E_YRK01E06 -York River - Gloucester Point Beach -0.018 Square Miles - Recreation -Enterococcus	PARTIAL DELIST 2022 - Enterococcus - F27E-07-BAC (2016) The Recreation Use is fully supporting based on Enterococcus data from station VA714367 with 0 exceedances out of 28 samples and 0 geomean exceedances out of 10 geomean samples. The fully supporting status is given due to no STV exceedance rates >10% or geomean exceedances in any 90-day period represented by 10+ samples.

New River Basin

Assessment Unit ID / Waterbody Name / Size / Uses Partially or Fully Restored / Parameter	Delisting Summary
-VAS-N04R_NEW02B06 -New River -0.43 Miles - Aquatic Life -pH	PARTIAL DELIST 2022 1 of 28 pH measurements exceeded WQS
-VAS-N06R_NEW01A00 -New River -5.38 Miles - Aquatic Life -pH	PARTIAL DELIST 2022 4 of 44 pH measurements exceeded WQS
-VAS-N06R_NEW02A02 -New River -5.03 Miles - Aquatic Life -pH	PARTIAL DELIST 2022 4 of 44 pH measurements exceeded WQS
-VAS-N07R_CRK02A04 -Crooked Creek -4.36 Miles - Aquatic Life -Temperature	PARTIAL DELIST 2022 1 of 12 temperature measurements exceeded WQS.
-VAS-N09R_CGG01B04 -Crigger Creek -4.20 Miles - Aquatic Life -Temperature	PARTIAL DELIST 2022 1 of 12 temperature measurements exceeded WQS.
-VAS-N30R_LTL02A10 -Little Creek -1.89 Miles - Aquatic Life -Benthic Macroinvertebrates Bioassessments	PARTIAL DELIST 2022: benthic impairment, cycle first listed: 2010, 1.89 miles. VSCI at 9-LTL001.22 : 11/18/2019 = 73, 4/24/2019 = 64.
-VAS-N33R_DYF01A12 -Dry Fork -5.24 Miles - Aquatic Life -Temperature	PARTIAL DELIST 2022 0 of 11 temperature measurement exceeded WQS