**2018 Municipal Water Quality Report**

**Important Disclaimer:**

The following list of impaired waterbodies is based on New Hampshire’s 2018 EPA approved 303(d) list and the 305(b) report, but may not be the most up-to-date list of impaired waterbodies as identified by NHDES. Although this list is based on New Hampshire’s 2018 EPA approved 303(d) list and the 305(b) report, it was generated for informational purposes only, and should not be considered authoritative. The following was not produced with or approved by EPA. The MS4 permit was issued by and is administered by EPA, and they alone have jurisdiction over permit requirements. This list was generated through a GIS analysis by spatially intersecting MS4 areas with impaired waterbodies. Although NHDES has confidence in the results, the analysis has the potential to miss waterbodies due to inherent spatial complexities.

Please note that there have been no changes to the list of waterbodies having total nitrogen impairments or draining to total nitrogen impaired waters supplied by EPA in the MS4 permit. Permittees can continue to use the original list of nitrogen impaired waterbodies found on pages 21 and 22 of the MS4 permit.  Relative to total phosphorous (TP), the EPA MS4 permit created impairment lists based on both TP and TP-related impairments. NHDES has not provided an update to this part of the analysis because the listing methodology employed by NHDES does not include TP-related impairments. Unless directed differently by EPA, permittees should continue to refer to the lists provided in the MS4 permit on pages 22 through 23.

**Introduction:**

The purpose of this document is to provide permittees with an updated list of impaired waterbodies within their MS4 boundaries. Permittees can use the information in this updated list to determine which requirements they need to meet as outlined in Appendix H.

Please note that updated lists of waterbodies with TMDLs are not provided within this document. The permit states that, *““Approved TMDLs” for discharges from the permittee’s MS4 are those that have been approved by EPA as of the issuance date of this permit.”* (Section 2.2.1.a). TMDLs that had been approved *at the time* of the permits issuance will continue to follow the requirements outlined in Appendix F. Any waterbodies that received TMDLs *after* the issuance of the permit are required to meet the requirements outlined in Appendix H. These waterbodies have been identified in the note sections of the tables below.

**Discharge to Certain Water Quality Limited Waters without an Approved TMDL**

Permittees (including traditional and non-traditional MS4s) that own or operate an MS4 in the following municipalities. Discharges from MS4s within these municipalities are to waterbodies that are impaired due to bacteria or pathogens:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Town** | **Waterbody ID** | **Assessment Unit Name** | **Impairment Name** | **Notes** |
| BEDFORD | NHRIV700060803-16 | MCQUESTEN BROOK | Escherichia coli |  |
| DERRY | NHRIV700061101-05 | TAYLOR BROOK | Escherichia coli | The waterbody has a TMDL as of the 2018 assessment cycle approved by EPA. The permittee should treat the waterbody as if it has an impairment and should follow the requirements outlined in Appendix H. |
| EXETER | NHIMP600030806-08 | CLEMSON POND | Escherichia coli | 4B |
| HAMPTON | NHOCN000000000-02-17 | NORTH BEACH WRACK ZONE | Fecal Coliform |  |
| HAMPTON | NHRIV600030901-01 | WINNICUT RIVER - UNNAMED BROOK - CORNELIUS BROOK | Escherichia coli |  |
| HOLLIS | NHRIV700040402-03 | FLINTS BROOK | Escherichia coli | The waterbody has a TMDL as of the 2018 assessment cycle approved by EPA. The permittee should treat the waterbody as if it has an impairment and should follow the requirements outlined in Appendix H. |
| KINGSTON | NHLAK700061403-06-04 | GREAT POND - CAMP LINCOLN BEACH | Escherichia coli |  |
| KINGSTON | NHLAK700061403-06-05 | GREAT POND- GREAT POND PARK ASSOCIATION BEACH | Escherichia coli | The waterbody has a TMDL as of the 2018 assessment cycle approved by EPA. The permittee should treat the waterbody as if it has an impairment and should follow the requirements outlined in Appendix H. |
| MANCHESTER | NHRIV700060607-22 | PISCATAQUOG RIVER | Escherichia coli | 4B |
| MANCHESTER | NHRIV700060803-16 | MCQUESTEN BROOK | Escherichia coli |  |
| NEW CASTLE | NHLAK600031001-02 | UNKNOWN POND | Escherichia coli |  |
| NORTH HAMPTON | NHRIV600030901-01 | WINNICUT RIVER - UNNAMED BROOK - CORNELIUS BROOK | Escherichia coli |  |
| ROCHESTER | NHIMP600030603-02 | COCHECO RIVER - HATFIELD DAM | Escherichia coli | The waterbody has a TMDL as of the 2018 assessment cycle approved by EPA. The permittee should treat the waterbody as if it has an impairment and should follow the requirements outlined in Appendix H. |
| RYE | NHRIV600031002-10 | EEL POND OUTLET TO ATLANTIC OCEAN | Escherichia coli | The waterbody has a TMDL as of the 2018 assessment cycle approved by EPA. The permittee should treat the waterbody as if it has an impairment and should follow the requirements outlined in Appendix H. |
| SALEM | NHLAK700061101-04-03 | ARLINGTON MILL RESERVOIR-ARLINGTON POND IMPROVEMENT ASSOCIATION | Escherichia coli | The waterbody has a TMDL as of the 2018 assessment cycle approved by EPA. The permittee should treat the waterbody as if it has an impairment and should follow the requirements outlined in Appendix H. |
| SALEM | NHLAK700061102-03-06 | CAPTAIN POND - CAMP HADAR | Escherichia coli | The waterbody has a TMDL as of the 2018 assessment cycle approved by EPA. The permittee should treat the waterbody as if it has an impairment and should follow the requirements outlined in Appendix H. |
| SALEM | NHLAK700061102-13 | HEDGEHOG POND - TOWN BEACH | Escherichia coli | The waterbody has a TMDL as of the 2018 assessment cycle approved by EPA. The permittee should treat the waterbody as if it has an impairment and should follow the requirements outlined in Appendix H. |
| STRATHAM | NHRIV600030901-01 | WINNICUT RIVER - UNNAMED BROOK - CORNELIUS BROOK | Escherichia coli |  |
| WINDHAM | NHLAK700061204-01-03 | COBBETTS POND - TOWN BEACH | Escherichia coli | The waterbody has a TMDL as of the 2018 assessment cycle approved by EPA. The permittee should treat the waterbody as if it has an impairment and should follow the requirements outlined in Appendix H. |

Permittees (including traditional and non-traditional MS4s) that own or operate an MS4 in the following municipalities. Discharges from MS4s within these municipalities are to waterbodies that are impaired due to chloride:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Town** | **Waterbody ID** | **Assessment Unit Name** | **Impairment Name** | **Notes** |
| BEDFORD | NHRIV700060905-12 | MCQUADE BROOK | Chloride |  |
| BEDFORD | NHRIV700060803-16 | MCQUESTEN BROOK | Chloride |  |
| BEDFORD | NHRIV700060804-12 | SOUTH PERIMETER BROOK | Chloride |  |
| DERRY | NHRIV700061203-09 | BEAVER BROOK | Chloride |  |
| DERRY | NHRIV700061203-11 | BEAVER BROOK | Chloride |  |
| DOVER | NHRIV600030608-06 | INDIAN BROOK | Chloride |  |
| DOVER | NHRIV600030608-15 | BERRY BROOK | Chloride |  |
| DURHAM | NHRIV600030902-09 | COLLEGE BROOK | Chloride |  |
| DURHAM | NHRIV600030902-10 | RESERVOIR BROOK | Chloride |  |
| EXETER | NHRIV600030806-04 | PARKMAN BROOK | Chloride |  |
| GOFFSTOWN | NHRIV700060905-12 | MCQUADE BROOK | Chloride |  |
| GOFFSTOWN | NHRIV700060607-20 | CATAMOUNT BROOK | Chloride |  |
| GREENLAND | NHRIV600030904-06 | PICKERING BROOK | Chloride |  |
| HOOKSETT | NHRIV700060802-13 | DORRS POND INLET BROOK | Chloride |  |
| LONDONDERRY | NHRIV700061203-11 | BEAVER BROOK | Chloride |  |
| LONDONDERRY | NHRIV700060804-12 | SOUTH PERIMETER BROOK | Chloride |  |
| LONDONDERRY | NHRIV700060804-05 | LITTLE COHAS BROOK - UNNAMED BROOK | Chloride |  |
| MANCHESTER | NHRIV700060803-16 | MCQUESTEN BROOK | Chloride |  |
| MANCHESTER | NHRIV700060804-12 | SOUTH PERIMETER BROOK | Chloride |  |
| MANCHESTER | NHRIV700060804-05 | LITTLE COHAS BROOK - UNNAMED BROOK | Chloride |  |
| MANCHESTER | NHLAK700060802-01 | DORRS POND | Chloride |  |
| MANCHESTER | NHLAK700060803-01 | NUTT POND | Chloride |  |
| MANCHESTER | NHLAK700060803-02 | STEVENS POND | Chloride |  |
| MANCHESTER | NHRIV700060802-15 | RAYS BROOK | Chloride |  |
| MANCHESTER | NHRIV700060802-16 | DORRS POND-E INLET | Chloride |  |
| MANCHESTER | NHRIV700060803-08 | BAKER BROOK | Chloride |  |
| MANCHESTER | NHRIV700060803-15 | HUMPHREY BROOK | Chloride |  |
| MANCHESTER | NHRIV700060802-13 | DORRS POND INLET BROOK | Chloride |  |
| NASHUA | NHIMP700040402-03 | NASHUA RIVER - NASHUA CANAL DIKE | Chloride |  |
| PORTSMOUTH | NHRIV600031001-03 | SAGAMORE CREEK | Chloride |  |
| PORTSMOUTH | NHRIV600031001-04 | LOWER HODGSON BROOK | Chloride |  |
| PORTSMOUTH | NHRIV600031001-05 | UPPER HODGSON BROOK | Chloride |  |
| PORTSMOUTH | NHRIV600031001-09 | BORTHWICK AVE TRIBUTARY | Chloride |  |
| PORTSMOUTH | NHRIV600031001-10 | NEWFILEDS DITCH | Chloride |  |
| PORTSMOUTH | NHRIV600030904-06 | PICKERING BROOK | Chloride |  |
| RYE | NHLAK600031002-01 | EEL POND | Chloride |  |
| SALEM | NHRIV700061102-17 | POLICY BROOK | Chloride |  |
| SALEM | NHRIV700061102-21 | UNNAMED BROOK - TO HARRIS BROOK | Chloride |  |
| SEABROOK | NHIMP600031004-06 | CAINS BROOK - NOYES POND | Chloride |  |
| STRATHAM | NHRIV600030806-04 | PARKMAN BROOK | Chloride |  |
| WINDHAM | NHRIV700061204-06 | CONNIES BROOK | Chloride |  |

Permittees (including traditional and non-traditional MS4s) that own or operate an MS4 in the following municipalities. Discharges from MS4s within these municipalities are to waterbodies that are impaired due to solids, oil and grease (Oil Slicks, Benzo(a) pyrene (PAHs)) or metals:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Town** | **Waterbody ID** | **Assessment Unit Name** | **Impairment Name** | **Notes** |
| AMHERST | NHRIV700060906-16 | SOUHEGAN RIVER | Copper | 4B-T |
| BEDFORD | NHRIV700060804-12 | SOUTH PERIMETER BROOK | Iron |  |
| DERRY | NHRIV700061203-16 | BEAVER BROOK | Iron | 4B-P |
| DOVER | NHEST600030608-01 | COCHECO RIVER | Benzo(a)pyrene (PAHs) |  |
| DOVER | NHRIV600030608-14 | UNNAMED TRIB. TO COCHECO RIVER, DOVER (FROM LANDFILL) | Iron |  |
| EXETER | NHEST600030806-01-01 | SQUAMSCOTT RIVER SOUTH | Cadmium |  |
| EXETER | NHEST600030806-01-01 | SQUAMSCOTT RIVER SOUTH | Copper |  |
| EXETER | NHEST600030806-01-01 | SQUAMSCOTT RIVER SOUTH | Lead |  |
| EXETER | NHEST600030806-01-01 | SQUAMSCOTT RIVER SOUTH | Zinc |  |
| EXETER | NHEST600030806-01-01 | SQUAMSCOTT RIVER SOUTH | Benzo(a)pyrene (PAHs) |  |
| GOFFSTOWN | NHRIV700060607-20 | CATAMOUNT BROOK | Iron |  |
| GOFFSTOWN | NHRIV700060801-05-01 | BLACK BROOK - HARDY BROOK | Lead |  |
| GREENLAND | NHRIV600030904-06 | PICKERING BROOK | Copper |  |
| GREENLAND | NHRIV600030904-06 | PICKERING BROOK | Iron |  |
| HAMPTON | NHLAK600031003-02 | TAYLOR RIVER REFUGE POND | Benzo(a)pyrene (PAHs) |  |
| HAMPTON | NHLAK600031003-02 | TAYLOR RIVER REFUGE POND | Lead |  |
| HAMPTON | NHLAK600031003-02 | TAYLOR RIVER REFUGE POND | Zinc |  |
| LONDONDERRY | NHRIV700060804-12 | SOUTH PERIMETER BROOK | Iron |  |
| LONDONDERRY | NHRIV700061203-16 | BEAVER BROOK | Iron | 4B-P |
| LONDONDERRY | NHRIV700060804-05 | LITTLE COHAS BROOK - UNNAMED BROOK | Iron |  |
| MANCHESTER | NHRIV700060801-05-01 | BLACK BROOK - HARDY BROOK | Lead |  |
| MANCHESTER | NHRIV700060804-12 | SOUTH PERIMETER BROOK | Iron |  |
| MANCHESTER | NHRIV700060804-05 | LITTLE COHAS BROOK - UNNAMED BROOK | Iron |  |
| MERRIMACK | NHLAK700061001-04-02 | BOWERS POND | Iron |  |
| MERRIMACK | NHLAK700061001-04-01 | HARRIS POND | Iron |  |
| MILFORD | NHRIV700060906-16 | SOUHEGAN RIVER | Copper | 4B-T |
| NASHUA | NHLAK700061001-04-02 | BOWERS POND | Iron |  |
| NASHUA | NHRIV700061001-12 | UNNAMED BROOK - ROUND POND TO HOLTS POND | Iron |  |
| NASHUA | NHLAK700061001-04-01 | HARRIS POND | Iron |  |
| NEWMARKET | NHEST600030709-01-01 | LAMPREY RIVER NORTH | Benzo(a)pyrene (PAHs) |  |
| NEWMARKET | NHEST600030709-01-01 | LAMPREY RIVER NORTH | Cadmium |  |
| NEWMARKET | NHEST600030709-01-01 | LAMPREY RIVER NORTH | Copper |  |
| NEWMARKET | NHEST600030709-01-01 | LAMPREY RIVER NORTH | Lead |  |
| NEWMARKET | NHEST600030709-01-01 | LAMPREY RIVER NORTH | Total Suspended Solids (TSS) | 4B-T |
| PORTSMOUTH | NHEST600031001-03 | UPPER SAGAMORE CREEK | Benzo(a)pyrene (PAHs) |  |
| PORTSMOUTH | NHEST600031001-03 | UPPER SAGAMORE CREEK | Cadmium |  |
| PORTSMOUTH | NHEST600031001-03 | UPPER SAGAMORE CREEK | Copper |  |
| PORTSMOUTH | NHEST600031001-03 | UPPER SAGAMORE CREEK | Lead |  |
| PORTSMOUTH | NHRIV600031001-06 | GRAFTON DITCH | Copper |  |
| PORTSMOUTH | NHRIV600031001-06 | GRAFTON DITCH | Iron |  |
| PORTSMOUTH | NHRIV600031001-06 | GRAFTON DITCH | Lead |  |
| PORTSMOUTH | NHRIV600031001-06 | GRAFTON DITCH | Zinc |  |
| PORTSMOUTH | NHRIV600031001-09 | BORTHWICK AVE TRIBUTARY | Iron |  |
| PORTSMOUTH | NHRIV600030904-06 | PICKERING BROOK | Copper |  |
| PORTSMOUTH | NHRIV600030904-06 | PICKERING BROOK | Iron |  |
| RAYMOND | NHRIV600030703-04 | DUDLEY BROOK - UNNAMED BROOK | Lead |  |
| ROCHESTER | NHRIV600030603-06 | COCHECO RIVER | Lead |  |
| SALEM | NHRIV700061102-18 | POLICY BROOK - PORCUPINE BROOK | Iron |  |
| SEABROOK | NHRIV600031004-09 | FOLLY MILL BROOK | Iron |  |
| STRATHAM | NHEST600030806-01-01 | SQUAMSCOTT RIVER SOUTH | Cadmium |  |
| STRATHAM | NHEST600030806-01-01 | SQUAMSCOTT RIVER SOUTH | Copper |  |
| STRATHAM | NHEST600030806-01-01 | SQUAMSCOTT RIVER SOUTH | Lead |  |
| STRATHAM | NHEST600030806-01-01 | SQUAMSCOTT RIVER SOUTH | Zinc |  |
| STRATHAM | NHEST600030806-01-01 | SQUAMSCOTT RIVER SOUTH | Benzo(a)pyrene (PAHs) |  |
| WINDHAM | NHRIV700061102-18 | POLICY BROOK - PORCUPINE BROOK | Iron |  |