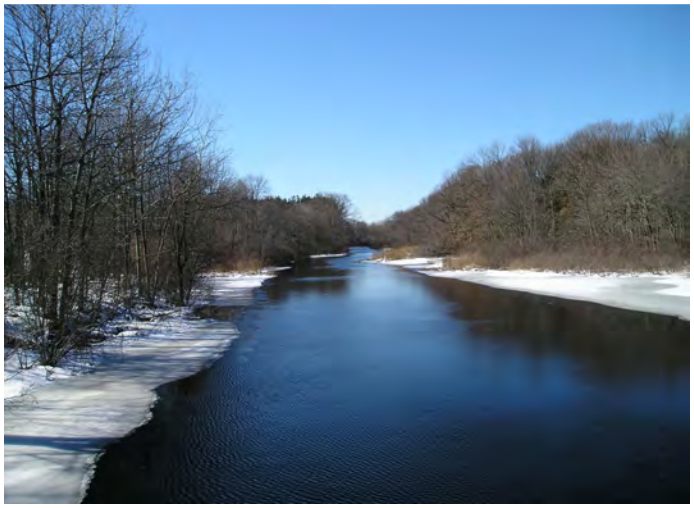
EXHIBIT 8

# Massachusetts Year 2010 Integrated List of Waters

***Final Listing of the Condition of Massachusetts' Waters Pursuant to Sections 305(b), 314 and 303(d) of the Clean Water Act***

**Featuring new water quality assessments for the Chicopee, French, Quinebaug and Nashua watersheds and the Narragansett Bay and Mount Hope Bay Coastal Drainage Areas**




**Commonwealth of Massachusetts**
**Executive Office of Energy and Environmental Affairs**
Richard K. Sullivan, Jr., Secretary
**Massachusetts Department of Environmental Protection**
Kenneth L. Kimmell, Commissioner
**Bureau of Resource Protection**
Ann Lowery, Acting Assistant Commissioner

# Massachusetts Category 5 Waters
# "Waters requiring a TMDL"

| NAME | SEGMENT ID | DESCRIPTION | SIZE | IMPAIRMENT CAUSE [EPA TMDL No.] |
|---|---|---|---|---|
| Fuller Brook | MA36-41 | From the Ludlow/Chicopee corporate boundary where the stream name changes from Higher Brook, to the confluence with the Chicopee River, Chicopee. | 1.9 MILES | |
| | | | | Escherichia coli |
| **Concord** | | | | |
| Ashland Reservoir | MA82003 | Ashland | 167.961 ACRES | |
| | | | | (Non-Native Aquatic Plants*) |
| | | | | Mercury in Fish Tissue |
| Assabet River Reservoir | MA82004 | Westborough | 338.14 ACRES | |
| | | | | Turbidity |
| | | | | (Eurasian Water Milfoil, Myriophyllum spicatum*) |
| | | | | Dissolved oxygen saturation [35103] |
| | | | | Excess Algal Growth |
| | | | | Oxygen, Dissolved [35103] |
| | | | | Mercury in Fish Tissue [33880] |
| Carding Mill Pond | MA82015 | Sudbury | 40.466 ACRES | |
| | | | | Phosphorus (Total) |
| | | | | Excess Algal Growth |
| | | | | Dissolved oxygen saturation |
| | | | | Aquatic Plants (Macrophytes) |
| | | | | (Non-Native Aquatic Plants*) |
| Lake Cochituate | MA82020 | [North Basin] Natick/Framingham/Wayland | 195.59 ACRES | |
| | | | | PCB in Fish Tissue |
| | | | | Oxygen, Dissolved |
| | | | | (Eurasian Water Milfoil, Myriophyllum spicatum*) |
| Dudley Pond | MA82029 | Wayland | 83.173 ACRES | |
| | | | | Oxygen, Dissolved |
| | | | | (Eurasian Water Milfoil, Myriophyllum spicatum*) |
| | | | | Turbidity |
| | | | | (Non-Native Aquatic Plants*) |
| Farm Pond | MA82035 | Framingham | 139.682 ACRES | |
| | | | | Turbidity |
| | | | | Excess Algal Growth |
| | | | | (Non-Native Aquatic Plants*) |
| | | | | (Eurasian Water Milfoil, Myriophyllum spicatum*) |
| Fort Meadow Reservoir | MA82042 | Marlborough/Hudson | 254 ACRES | |

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|---|---|---|---|---|
| | | | | (Eurasian Water Milfoil, Myriophyllum spicatum*) |
| | | | | Chlordane |
| | | | | Phosphorus (Total) |
| Framingham Reservoir #1 | MA82044 | Framingham | 117.597 ACRES | |
| | | | | Mercury in Fish Tissue |
| | | | | (Non-Native Aquatic Plants*) |
| | | | | (Eurasian Water Milfoil, Myriophyllum spicatum*) |
| Framingham Reservoir #2 | MA82045 | Framingham/Ashland | 114.357 ACRES | |
| | | | | Mercury in Fish Tissue |
| | | | | Turbidity |
| Grist Mill Pond | MA82055 | Sudbury/Marlborough | 16.731 ACRES | |
| | | | | Phosphorus (Total) |
| | | | | (Non-Native Aquatic Plants*) |
| | | | | Aquatic Plants (Macrophytes) |
| | | | | Dissolved oxygen saturation |
| | | | | Fecal Coliform |
| | | | | Excess Algal Growth |
| Hager Pond | MA82056 | Marlborough | 29.917 ACRES | |
| | | | | Dissolved oxygen saturation |
| | | | | Turbidity |
| | | | | (Non-Native Aquatic Plants*) |
| | | | | Aquatic Plants (Macrophytes) |
| | | | | Phosphorus (Total) |
| | | | | Excess Algal Growth |
| | | | | Fecal Coliform |
| Heard Pond | MA82058 | Wayland | 75.632 ACRES | |
| | | | | Mercury in Fish Tissue |
| | | | | Excess Algal Growth |
| | | | | (Non-Native Aquatic Plants*) |
| | | | | Secchi disk transparency |
| Heart Pond | MA82059 | Chelmsford/Westford | 93.862 ACRES | |
| | | | | Escherichia coli |
| Hocomonco Pond | MA82060 | Westborough | 26.938 ACRES | |
| | | | | Polycyclic Aromatic Hydrocarbons (PAHs) (Aquatic Ecosystems) |
| Hopkinton Reservoir | MA82061 | Hopkinton/Ashland | 161.09 ACRES | |

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| NAME | SEGMENT ID | DESCRIPTION | SIZE | IMPAIRMENT CAUSE [EPA TMDL No.] |
|---|---|---|---|---|
| | | | | (Non-Native Aquatic Plants*) |
| | | | | Oxygen, Dissolved |
| Long Pond | MA82072 | Littleton | 101.744 ACRES | |
| | | | | Phosphorus (Total) |
| | | | | Oxygen, Dissolved |
| | | | | Excess Algal Growth |
| Nutting Lake | MA82088 | [East Basin] Billerica | 30.481 ACRES | |
| | | | | (Non-Native Aquatic Plants*) |
| | | | | Escherichia coli |
| | | | | Mercury in Fish Tissue [33880] |
| Puffers Pond | MA82092 | Maynard/Sudbury | 28.441 ACRES | |
| | | | | Mercury in Fish Tissue |
| Saxonville Pond | MA82097 | Framingham | 58.818 ACRES | |
| | | | | (Non-Native Aquatic Plants*) |
| | | | | Mercury in Fish Tissue |
| | | | | Aquatic Plants (Macrophytes) |
| Stearns Mill Pond | MA82104 | Sudbury | 19.079 ACRES | |
| | | | | Turbidity |
| | | | | Phosphorus (Total) |
| | | | | Excess Algal Growth |
| | | | | (Non-Native Aquatic Plants*) |
| | | | | Aquatic Plants (Macrophytes) |
| | | | | Dissolved oxygen saturation |
| Waushakum Pond | MA82112 | Framingham/Ashland | 87.195 ACRES | |
| | | | | Turbidity |
| | | | | (Non-Native Aquatic Plants*) |
| | | | | Aquatic Plants (Macrophytes) |
| | | | | Phosphorus (Total) |
| | | | | Oxygen, Dissolved |
| Whitehall Reservoir | MA82120 | Hopkinton | 559.601 ACRES | |
| | | | | Oxygen, Dissolved |
| | | | | Phosphorus (Total) |
| | | | | (Non-Native Aquatic Plants*) |
| | | | | Mercury in Fish Tissue [33880] |
| Lake Cochituate | MA82125 | [Middle Basin] Natick/Wayland | 134.528 ACRES | |

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| NAME | SEGMENT ID | DESCRIPTION | SIZE | IMPAIRMENT CAUSE [EPA TMDL No.] |
|---|---|---|---|---|
| | | | | Enterococcus |
| | | | | (Eurasian Water Milfoil, Myriophyllum spicatum*) |
| | | | | Oxygen, Dissolved |
| | | | | PCB in Fish Tissue |
| | | | | (Non-Native Aquatic Plants*) |
| Lake Cochituate | MA82126 | [Carling Basin] Natick | 14.318 ACRES | |
| | | | | (Eurasian Water Milfoil, Myriophyllum spicatum*) |
| | | | | (Non-Native Aquatic Plants*) |
| | | | | PCB in Fish Tissue |
| Lake Cochituate | MA82127 | [South Basin] Natick | 239.605 ACRES | |
| | | | | (Non-Native Aquatic Plants*) |
| | | | | Oxygen, Dissolved |
| | | | | (Eurasian Water Milfoil, Myriophyllum spicatum*) |
| | | | | PCB in Fish Tissue |
| Sudbury River | MA82A-03 | Outlet Saxonville Pond, Framingham to confluence with Hop Brook (the lower portion of Hop Brook was identified as Wash Brook on USGS quads prior to 1987), Wayland. | 5.547 MILES | |
| | | | | Mercury in Fish Tissue |
| Sudbury River | MA82A-04 | Confluence with Hop Brook (the lower portion of Hop Brook was identified as Wash Brook on USGS quads prior to 1987), Wayland to confluence with Assabet River, Concord. | 11.693 MILES | |
| | | | | Mercury in Fish Tissue |
| | | | | (Non-Native Aquatic Plants*) |
| Hop Brook | MA82A-05 | Outlet of Carding Mill Pond, Sudbury to confluence with Allowance Brook, Sudbury (Allowance Brook was identified as Landham Brook on USGS quads prior to 1987). | 6.717 MILES | |
| | | | | Excess Algal Growth |
| | | | | Dissolved oxygen saturation |
| | | | | Oxygen, Dissolved |
| | | | | Phosphorus (Total) |
| Hop Brook | MA82A-06 | From the confluence of Allowance Brook, Sudbury to the confluence with the Sudbury River, Wayland (this segment was formerly identified as Wash Brook, Hop Brook appeared as Wash Brook and Allowance Brook was previously identified as Landham Brook on USGS | 2.971 MILES | |
| | | | | Phosphorus (Total) |

# Massachusetts Category 5 Waters
# "Waters requiring a TMDL"

| NAME | SEGMENT ID | DESCRIPTION | SIZE | IMPAIRMENT CAUSE [EPA TMDL No.] |
|---|---|---|---|---|
| | | | | Excess Algal Growth |
| | | | | Oxygen, Dissolved |
| | | | | Fecal Coliform |
| Concord River | MA82A-07 | From the confluence of the Assabet and Sudbury rivers, Concord to the Billerica Water Supply intake, Billerica. | 10.394 MILES | |
| | | | | (Eurasian Water Milfoil, Myriophyllum spicatum*) |
| | | | | Phosphorus (Total) |
| | | | | Mercury in Fish Tissue |
| | | | | Fecal Coliform |
| | | | | (Non-Native Aquatic Plants*) |
| Concord River | MA82A-08 | From the Billerica Water Supply intake, Billerica to Rogers Street bridge, Lowell. | 5.073 MILES | |
| | | | | Phosphorus (Total) |
| | | | | Mercury in Fish Tissue |
| | | | | (Non-Native Aquatic Plants*) |
| | | | | (Eurasian Water Milfoil, Myriophyllum spicatum*) |
| Concord River | MA82A-09 | From the Rogers Street bridge, Lowell to the confluence with the Merrimack River, Lowell. | 0.899 MILES | |
| | | | | Mercury in Fish Tissue |
| | | | | Phosphorus (Total) |
| | | | | Fecal Coliform |
| | | | | Excess Algal Growth |
| | | | | (Debris/Floatables/Trash*) |
| River Meadow Brook | MA82A-10 | From the outlet of Russell Mill Pond, Chelmsford to the confluence with the Concord River, Lowell. | 6.415 MILES | |
| | | | | (Non-Native Aquatic Plants*) |
| | | | | Fecal Coliform |
| | | | | (Debris/Floatables/Trash*) |
| Eames Brook | MA82A-13 | From the outlet of Farm Pond, Framingham to the confluence with the Sudbury River, Framingham. | 0.566 MILES | |
| | | | | (Debris/Floatables/Trash*) |
| | | | | Taste and Odor |
| | | | | Excess Algal Growth |
| | | | | Aquatic Macroinvertebrate Bioassessments |
| | | | | (Non-Native Aquatic Plants*) |
| Unnamed Tributary | MA82A-15 | From the source northeast of Indian Head Hill (near Route 20), Marlborough to the inlet of Hager Pond, Marlborough. | 1.056231 MILES | |

# Massachusetts Category 5 Waters
# "Waters requiring a TMDL"

| NAME | SEGMENT ID | DESCRIPTION | SIZE | IMPAIRMENT CAUSE [EPA TMDL No.] |
|---|---|---|---|---|
| | | | | Phosphorus (Total) |
| | | | | Oxygen, Dissolved |
| | | | | Excess Algal Growth |
| | | | | Total Suspended Solids (TSS) |
| Unnamed Tributary | MA82A-16 | From the outlet of Hager Pond, Marlborough to the inlet of Grist Mill Pond, Marlborough. | 0.165 MILES | |
| | | | | Dissolved oxygen saturation |
| | | | | Oxygen, Dissolved |
| | | | | Phosphorus (Total) |
| | | | | pH, High |
| | | | | Excess Algal Growth |
| | | | | Total Suspended Solids (TSS) |
| Unnamed Tributary | MA82A-17 | From the outlet of Grist Mill Pond, Sudbury to the inlet of Carding Mill Pond, Sudbury. | 0.519 MILES | |
| | | | | Dissolved oxygen saturation |
| | | | | Total Suspended Solids (TSS) |
| | | | | Oxygen, Dissolved |
| | | | | Phosphorus (Total) |
| | | | | Excess Algal Growth |
| Pantry Brook | MA82A-19 | From source west of Haynes Road, Sudbury to the confluence with the Sudbury River, Sudbury. | 3.226 MILES | |
| | | | | Fecal Coliform |
| Unnamed Tributary | MA82A-22 | Unnamed tributary to the Sudbury River locally known as Cochituate Brook, from the outlet of the north basin of Lake Cochituate, Framingham to confluence with Sudbury River, Framingham. | 1.352 MILES | |
| | | | | Aquatic Macroinvertebrate Bioassessments |
| | | | | Nutrient/Eutrophication Biological Indicators |
| Sudbury River | MA82A-25 | From the Fruit Street bridge Hopkinton/Westborough to the inlet of Framingham Reservoir #2, Ashland (formerly part of segment MA82A-02). | 6.295 MILES | |
| | | | | Mercury in Fish Tissue |
| Sudbury River | MA82A-26 | From the outlet of Framingham Reservoir #1, Framingham to the inlet of Saxonville Pond, Framingham (formerly part of segment MA82A-02). | 2.764 MILES | |
| | | | | Mercury in Fish Tissue |
| | | | | Aquatic Macroinvertebrate Bioassessments |
| Assabet River | MA82B-01 | Outlet of the Assabet River Reservoir, Westborough to the Westborough WWTP discharge, Westborough. | 1.249 MILES | |

# Massachusetts Category 5 Waters
# "Waters requiring a TMDL"

| NAME | SEGMENT ID | DESCRIPTION | SIZE | IMPAIRMENT CAUSE [EPA TMDL No.] |
|---|---|---|---|---|
| | | | | Fecal Coliform |
| | | | | (Low flow alterations*) |
| | | | | Aquatic Macroinvertebrate Bioassessments |
| | | | | Phosphorus (Total) [35103] |
| Assabet River | MA82B-02 | From the Westborough WWTP discharge, Westborough to the Route 20 Dam, Northborough. | 3.802 MILES | |
| | | | | Aquatic Macroinvertebrate Bioassessments |
| | | | | Nutrient/Eutrophication Biological Indicators [35104] |
| | | | | Other |
| | | | | Oxygen, Dissolved [35104] |
| | | | | Phosphorus (Total) [35104] |
| | | | | Fecal Coliform |
| Assabet River | MA82B-03 | From the Route 20 Dam, Northborough to the Marlborough West WWTP discharge, Marlborough. | 2.439 MILES | |
| | | | | Fecal Coliform |
| | | | | (Debris/Floatables/Trash*) |
| | | | | (Non-Native Aquatic Plants*) |
| | | | | Phosphorus (Total) [35105] |
| | | | | Excess Algal Growth |
| | | | | Taste and Odor |
| Assabet River | MA82B-04 | From the Marlborough West WWTP discharge, Marlborough to the Hudson WWTP discharge, Hudson. | 8.017 MILES | |
| | | | | Fecal Coliform |
| | | | | Phosphorus (Total) [35106] |
| | | | | Oxygen, Dissolved [35106] |
| | | | | Fishes Bioassessments |
| | | | | Other |
| | | | | Excess Algal Growth [35106] |
| | | | | Aquatic Plants (Macrophytes) [35106] |
| | | | | Aquatic Macroinvertebrate Bioassessments |
| Assabet River | MA82B-05 | From the Hudson WWTP discharge, Hudson to the USGS gage at Routes 27/62, Maynard. | 8.197 MILES | |
| | | | | Nutrient/Eutrophication Biological Indicators [35107] |
| | | | | Phosphorus (Total) [35107] |
| | | | | Excess Algal Growth [35107] |
| | | | | Oxygen, Dissolved [35107] |
| | | | | Aquatic Plants (Macrophytes) [35107] |

# Massachusetts Category 5 Waters
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| NAME | SEGMENT ID | DESCRIPTION | SIZE | IMPAIRMENT CAUSE [EPA TMDL No.] |
|---|---|---|---|---|
| | | | | (Non-Native Aquatic Plants*) |
| | | | | (Debris/Floatables/Trash*) |
| | | | | Fecal Coliform |
| | | | | Taste and Odor |
| Assabet River | MA82B-06 | From the USGS gage at Routes 27/62, Maynard to the Powdermill Dam, Acton. | 1.22 MILES | |
| | | | | Aquatic Plants (Macrophytes) [35108] |
| | | | | Excess Algal Growth [35108] |
| | | | | Other |
| | | | | (Non-Native Aquatic Plants*) |
| | | | | Oxygen, Dissolved [35108] |
| | | | | Temperature, water |
| | | | | Taste and Odor |
| | | | | Phosphorus (Total) [35108] |
| | | | | (Debris/Floatables/Trash*) |
| Assabet River | MA82B-07 | From the Powdermill Dam, Acton to the confluence with the Sudbury River, Concord. | 6.402 MILES | |
| | | | | Phosphorus (Total) [35109] |
| | | | | Fecal Coliform |
| Elizabeth Brook | MA82B-12 | From the outlet of an unnamed pond (Delaney Project on Stow/Harvard border) west of Harvard Road, Stow to the inlet of Fletchers Pond, Stow. | 3.71 MILES | |
| | | | | Aquatic Macroinvertebrate Bioassessments |
| Nashoba Brook | MA82B-14 | From source just south of Route 110 in Westford to confluence with Fort Pond Brook, Concord. | 9.411 MILES | |
| | | | | (Low flow alterations*) |
| | | | | Fishes Bioassessments |
| **Connecticut** | | | | |
| Arcadia Lake | MA34005 | Belchertown | 32.314 ACRES | |
| | | | | (Non-Native Aquatic Plants*) |
| | | | | Nutrient/Eutrophication Biological Indicators |
| Connecticut River | MA34-01 | New Hampshire/Vermont/Massachusetts state line to Route 10 bridge, Northfield. | 3.48 MILES | |
| | | | | (Other flow regime alterations*) |
| | | | | PCB in Fish Tissue |
| | | | | (Alteration in stream-side or littoral vegetative covers*) |
| | | | | |