

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.]
				Aquatic Plants (Macrophytes)
				(Non-Native Aquatic Plants*)
West Branch Tully River	MA35-11	Outlet Sheomet Lake, Warwick to confluence with East Branch Tully River forming headwaters Tully River, Orange/Athol.	6.619 MILES	
				PCB in Fish Tissue
East Branch Tully River	MA35-12	Confluence of Tully Brook and Falls Brook in Royalston State Forest, Royalston through Long Pond and Tully Lake to confluence with the West Branch Tully River forming headwaters Tully River, Orange/Athol.	10.013 MILES	
				PCB in Fish Tissue
Lawrence Brook	MA35-13	New Hampshire state line, Royalston through Doane Falls to confluence with East Branch Tully River, Royalston.	7.124 MILES	
				PCB in Fish Tissue
Tully River	MA35-14	Confluence East and West Branches Tully River, Orange/Athol to confluence with Millers River, Athol.	1.585 MILES	
				PCB in Fish Tissue
Mormon Hollow Brook	MA35-15	Headwaters just north of Montague Road, Wendell to confluence with Millers River, Wendell.	3.825 MILES	
				PCB in Fish Tissue
Keyup Brook	MA35-16	Headwaters Great Swamp Northfield State Forest, Northfield, to confluence with Millers River, Erving.	4.968 MILES	
				PCB in Fish Tissue
Boyce Brook	MA35-17	NH State Line, Royalston to confluence with East Branch Tully River, Royalston.	3.227 MILES	
				PCB in Fish Tissue
Whetstone Brook	MA35-18	Headwaters northeast of Orcutt Hill near New Salem Rd, Wendell to confluence with Millers River, Wendell.	4.885 MILES	
				PCB in Fish Tissue
Lyons Brook	MA35-19	Outlet of Ruggles Pond, Wendell to confluence with Millers River, Montague/Wendell	2.119 MILES	
				PCB in Fish Tissue
North Branch Millers River	MA35-21	Outlet of Lake Mononomac, Winchendon to inlet of Whitney Pond, Winchendon	2.006 MILES	
				Mercury in Fish Tissue
Mount Hope Bay				
Lee River	MA61-01	From confluence with Lewin Brook, Swansea to Route 6, Swansea/Somerset	0.02 SQUARE MILES	
				Fecal Coliform [38905]
				Nutrient/Eutrophication Biological Indicators

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NAME	SEGMENT ID	DESCRIPTION	SIZE	IMPAIRMENT CAUSE [EPA TMDL No.]
Lee River	MA61-02	Route 6, Swansea/Somerset to mouth at Mount Hope Bay, Swansea/Somerset	0.51 SQUARE MILES	
				Oxygen, Dissolved
				Taste and Odor
				Nitrogen (Total)
				(Debris/Floatables/Trash*)
				Chlorophyll-a
				Fecal Coliform [38906]
Cole River	MA61-04	Route 6, Swansea to the mouth at Mount Hope Bay at old railway grade, Swansea	0.31 SQUARE MILES	
				Fecal Coliform [38907]
				Oxygen, Dissolved
				Chlorophyll-a
				Nitrogen (Total)
Mount Hope Bay	MA61-06	the Massachusetts portion from the Braga Bridge, Fall River/Somerset to the state border Fall River, MA/Tiverton, RI to the line from Bratton Point Somerset to MA/RI border approximately 3/4 of a mile due east of Spar Island, RI	2.29 SQUARE MILES	
				Temperature, water
				Chlorophyll-a
				Fecal Coliform [38908]
				Nitrogen (Total)
				Fishes Bioassessments
Mount Hope Bay	MA61-07	the Massachusetts portion from mouth of Cole River (at old railway grade), Swansea to state border Swansea, MA/Warren, RI to the line from Brayton Point, Somerset to MA/RI border approximately 3/4 of a mile due east of Spar Island, RI to the line between Bay Point, Swansea and Brayton Point, Somerset (the mouth of the Lee River)	1.84 SQUARE MILES	
				Chlorophyll-a
				Fecal Coliform [38909]
				Fishes Bioassessments
				Oxygen, Dissolved
				Temperature, water
				Nitrogen (Total)
Mystic				
Blacks Nook	MA71005	Cambridge	2.156 ACRES	
				Nutrient/Eutrophication Biological Indicators

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NAME	SEGMENT ID	DESCRIPTION	SIZE	IMPAIRMENT CAUSE [EPA TMDL No.]
				Fecal Coliform [2587]
				Oxygen, Dissolved
Shawsheen River	MA83-18	Burlington Water Department's surface water intake, Billerica to the Ballardvale Impoundment dam, Andover. (Formerly part of segment MA83-02, changed for 2004 cycle)	10.093 MILES	
				Fecal Coliform [2587]
				Mercury in Fish Tissue
				Oxygen, Dissolved
Shawsheen River	MA83-19	Outlet of Ballardvale Impoundment, Andover to the confluence with the Merrimack River, Lawrence. (Formerly part of segment MA83-02 and all of MA83-03, changed for 2004 cycle)	8.436 MILES	
				Oxygen, Dissolved
				Fecal Coliform [2587]
Unnamed Tributary	MA83-20	Unnamed intermittent tributary to the Shawsheen River, from Dascomb Road, Andover to confluence with Shawsheen River, Tewksbury.	0.9 MILES	
				Chloride
Taunton				
Ames Long Pond	MA62001	Stoughton/Easton	87.694 ACRES	
				Aquatic Plants (Macrophytes)
				Turbidity
				(Non-Native Aquatic Plants*)
Big Bearhole Pond	MA62011	Taunton	37.68 ACRES	
				(Non-Native Aquatic Plants*)
				Oxygen, Dissolved
Taunton River	MA62-02	Route 24 Bridge, Taunton/Raynham to Berkley Bridge, Dighton/Berkley.	0.287 SQUARE MILES	
				Fecal Coliform
Cabot Pond	MA62029	Mansfield	8.65 ACRES	
				(Pentachlorophenol (PCP)*)
				Dioxin (including 2,3,7,8-TCDD)
Taunton River	MA62-03	Berkley Bridge, Dighton/Berkley to confluence with Assonet River at a line from Sandy Point, Somerset northeasterly to the southwestern tip of Assonet Neck, Berkley.	0.924 SQUARE MILES	
				Oxygen, Dissolved
				Fecal Coliform

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NAME	SEGMENT ID	DESCRIPTION	SIZE	IMPAIRMENT CAUSE [EPA TMDL No.]
Cain Pond	MA62030	Taunton	2.766 ACRES	
				Oxygen, Dissolved
				Turbidity
Taunton River	MA62-04	Confluence with Assonet River at a line from Sandy Point, Somerset northeasterly to the southwestern tip of Assonet Neck, Berkley to mouth at Braga Bridge, Somerset/Fall River.	2.654 SQUARE MILES	
				Fecal Coliform
				Oxygen, Dissolved
				Fishes Bioassessments
Salisbury Plain River	MA62-05	From the confluence of Trout and Salisbury brooks, Brockton to the Brockton Advanced Water Reclamation Facility (AWRF) discharge, Brockton.	2.437 MILES	
				(Physical substrate habitat alterations*)
				Fecal Coliform
				Oxygen, Dissolved
				Sedimentation/Siltation
Salisbury Plain River	MA62-06	From the Brockton Advanced Water Reclamation Facility (AWRF) discharge, Brockton to the confluence with Beaver Brook forming the Matfield River, East Bridgewater.	2.262 MILES	
				(Debris/Floatables/Trash*)
				Aquatic Macroinvertebrate Bioassessments
				Excess Algal Growth
				Fecal Coliform
				Phosphorus (Total)
				Taste and Odor
				Turbidity
				Oxygen, Dissolved
Trout Brook	MA62-07	Source northeast of Argyle Avenue and west of Conrail Line, Avon to the confluence with the Salisbury Brook forming the Salisbury Plain River, Brockton.	3.408 MILES	
				Turbidity
				Oxygen, Dissolved
				Total Suspended Solids (TSS)
				Fecal Coliform
Fulton Pond	MA62075	Mansfield	9.328 ACRES	
				Dioxin (including 2,3,7,8-TCDD)

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* TMDL not required (Non-Pollutant)