Massachusetts Year 2012 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 Blackstone, Boston Harbor (including Mystic, Neponset and Weymouth/Weir), Merrimack and Parker watersheds and the Cape Cod coastal drainage areas

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NOTICE OF AVAILABILITY

This report is available via the Massachusetts Department of Environmental Protection's (MassDEP) World Wide Web site: http://www.mass.gov/dep/water/resources/tmdls.htm

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Prepared by:

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TABLE of CONTENTS

TABLE of CONTENTS

EXECUTIVE SUMMARY

The *Final Massachusetts Year 2012 Integrated List of Waters* (Integrated List) is submitted to the U.S. Environmental Protection Agency (EPA) in fulfillment of reporting requirements of sections 305(b), 303(d) and 314 of the Clean Water Act (CWA). Section 305(b) of the CWA codifies the process whereby waters are evaluated with respect to their attainment of designated uses such as habitat for fish, other aquatic life and wildlife, fish and shellfish consumption, and primary (e.g., swimming) and secondary (e.g., boating) contact-recreation. Under Section 314 states are requested to report on the trophic status of their lakes and ponds. Finally, Section 303(d) of the CWA requires states to identify those waterbodies that are not expected to meet surface water quality standards after the implementation of technology-based controls and to prioritize and schedule them for the derivation of total maximum daily loads (TMDLs).

MassDEP typically provides details pertaining to the assessment process and its application to specific waterbodies in individual watershed summary reports that are completed on a continuous rotating schedule and can be viewed at http://www.mass.gov/dep/water/resources/wqassess.htm. Although the format of these reports continues to undergo revision, their purpose is to present, for each segment or "assessment unit" (AU) in the watershed, a determination with regard to whether or not individual designated uses are supported. These assessment summaries are a useful means for conveying what is known about the status of the water resources in each watershed and to make the assessment and listing process more transparent to the EPA and the general public. As such, the assessment documentation is also considered a fundamental element of Massachusetts' submittal to the EPA under Section 305(b) of the CWA.

Irrespective of how states choose to report on the status of their waters, the EPA encourages states to store assessment decisions in the "Assessment Database" (ADB), their preferred database application for tracking water quality assessment data, including use attainment, and causes and sources of impairment. The ADB was designed to improve the quality and consistency of water quality reporting, improve water quality data analysis, and reduce the burden of preparing reports under sections 305(b), 303(d), 314 and 319 of the Clean Water Act. MassDEP's conversion to the ADB from its predecessor, the Waterbody System (WBS), began with the development of its Year 2008 Integrated List and the ADB became fully operational for the Year 2010 listing cycle.

The Final *Massachusetts Year 2010 Integrated List of Waters* was submitted to the EPA on December 30, 2010 and the 303(d) List was approved on November 16, 2011. Since the time the 2010 Integrated List was prepared, new assessments were completed for the **Blackstone, Boston Harbor (**including **Mystic, Neponset and Weymouth/Weir), Merrimack** and **Parker** watersheds and the **Cape Cod** coastal drainage areas, and these assessments furnished the majority of new information in support of the 2012 listing decisions.

The Integrated List for 2012 assigns each of **2,181** assessment units (AU's) to one of the following five categories depending upon their status with respect to designated use support:

1) Unimpaired and not threatened for all designated uses;
2) Unimpaired for some uses and not assessed for others;
3) Insufficient information to make assessments for any uses;
4) Impaired or threatened for one or more uses, but not requiring the calculation of a Total Maximum Daily Load (TMDL); or
5) Impaired or threatened for one or more uses and requiring a TMDL.

The following table summarizes, by waterbody type, the number and total sizes of AU's appearing in each category of the Integrated List for 2012.

Integrated List Category	Rivers		Lakes		Coastal Waters		Total AU's
	AU's	Size (miles)	AU's	Size (acres)	AU's	Size (sq. mi.)	
1	0	0.00	0	0.00	0	0.00	0
2	232	1,018.17	46	2,167.85	17	30.35	295
3	117	337.95	536	32,168.54	2	0.30	655
4a	31	126.91	151	47,918.59	106	33.17	288
4b	0	0.00	0	0.00	0	0.00	0
4c	25	101.08	198	15,217.27	0	0.00	223
5	327	1,570.25	242	20,924.77	151	179.48	720
Totals	*732*	*3,154.35*	*1,173*	*118,397.00*	*276*	*243.31*	*2,181*

A total of 33 waterbody segments (i.e., AU's) and 131 individual pollutants were ***removed*** from Massachusetts' 303(d) List when preparing the 2012 Integrated List. Ninety-three (93) of those pollutants were transferred to Category 4a because they are now covered by EPA-approved TMDLs. The remaining 38 pollutants were removed as the result of new assessments that either found that water quality standards are now met, or that the assessments leading to their original listing were flawed in some way. A small number of clerical errors were also corrected.

Forty-eight (48) AU's and 165 individual pollutants were ***added*** to the 2012 303(d) List based on new assessments completed since the 2010 listing cycle. In addition, 46 non-pollutants were added to the Integrated List that will not require the development of TMDLs. The number of TMDLs that will be needed to address the newly-added impairments will be less than 164 since it is anticipated that several TMDLs will address multiple pollutants. Finally, 66 newly-listed pollutants were covered under addenda to previously approved TMDLs.

The *Proposed Massachusetts Year 2012 Integrated List of Waters* was placed on the MassDEP web site at http://www.mass.gov/dep/water/resources/tmdls.htm. Notice of its availability for public review and comment appeared in the March 21, 2012 edition of the Massachusetts Environmental Monitor and was provided directly to over one hundred different watershed associations and other interested parties. Paper copies of the document were also available from the Division of Watershed Management's Watershed Planning Program Office in Worcester. The public comment period ended on April 30, 2012. Nine (9) comment letters were received, including one from the USEPA Region 1. A list of the commenters is presented below. Responses to all comments are presented in Appendix 5 of this report and are incorporated in the final version of the *Massachusetts Year 2012 Integrated List of Waters,* as appropriate.

List of organizations that provided comments on the *Proposed Massachusetts Year 2012 Integrated List of Waters*
Lake Singletary Watershed Association
Massachusetts Water Resources Authority (MWRA)
Nashua River Watershed Association (NRWA)
Mass Audubon
Buzzards Bay Coalition
Connecticut River Watershed Council (CRWC)
Charles River Watershed Association (CRWA)
Ipswich River Watershed Association
Region 1, U. S. Environmental Protection Agency

INTRODUCTION

The Federal Water Pollution Control Act of 1972 (FWPCA) and subsequent Amendments in 1977, 1981 and 1987 are collectively known as the Clean Water Act (CWA). The objective of this statute is to restore and maintain the chemical, physical, and biological integrity of the Nation's waters. As one step toward meeting this goal each state must administer a program to monitor and assess the quality of its surface and groundwater and provide periodic status reports to the U.S. Environmental Protection Agency (EPA), the U.S. Congress, and the public. Section 305(b) of the CWA codifies the process whereby waters are evaluated with respect to their capacity to support designated uses as defined in each of the states' surface water quality standards. These uses include aquatic life support, fish and shellfish consumption, drinking water supply, and primary (e.g., swimming) and secondary (e.g., boating) contact-recreation. The 305(b) process entails assessing each of these uses for rivers, lakes and coastal waters. Where possible, causes and sources of use impairment are also identified.

Section 303(d) of the CWA and the implementing regulations at 40 CFR 130.7 require states to identify those waterbodies that are not expected to meet surface water quality standards after the implementation of technology-based controls and to prioritize and schedule them for the development of total maximum daily loads (TMDLs). A TMDL establishes the maximum amount of a pollutant that may be introduced into a waterbody and still ensure attainment and maintenance of water quality standards. Furthermore, a TMDL must also allocate that acceptable pollutant load among all potential sources. The formulation of the 303(d) List includes a more rigorous public review and comment process than does reporting under Section 305(b), and the final version of the list must be formally approved by the EPA.

Prior to 2002 states prepared and submitted to the EPA both a biennial *Summary of Water Quality Report* in accordance with the requirements of Section 305(b) as well as a separate Section 303(d) *List of Impaired Waters*. On November 19, 2001 the EPA released guidance for the preparation of an optional *Integrated List of Waters* that would combine reporting elements of both sections 305(b) and 303(d) of the CWA. This Integrated Report (IR) format allows states to provide the status of all their assessed waters in a single, multi-part list.

States choosing this option can list each Assessment Unit (AU) (i.e., waterbody or segment thereof) in one of the following five categories:

1) Unimpaired and not threatened for all designated uses;
2) Unimpaired for some uses and not assessed for others;
3) Insufficient information to make assessments for any uses;
4) Impaired or threatened for one or more uses, but not requiring the calculation of a Total Maximum Daily Load (TMDL); or
5) Impaired or threatened for one or more uses and requiring a TMDL.

Thus, waters listed in Category 5 constitute the 303(d) List and, as such, are to be reviewed and approved by the EPA. The remaining four categories are submitted in fulfillment of the requirements under Section 305(b), essentially replacing the old 305(b) Report format. Massachusetts formulated integrated lists in accordance with EPA guidance every other year from 2002 through 2010. The EPA subsequently approved each of these. The Final approved version of the *Massachusetts 2010 Integrated List of Waters* (2010 List) and related information, such as the associated public comment document and EPA approval letter, can be found at http://mass.gov/dep/water/resources/tmdls.htm.

A memorandum entitled "Information Concerning 2012 Clean Water Act Sections 303(d), 305(b) and 314 Integrated Reporting and Listing Decisions" (March 21, 2011) from Denise Keehner, Director of the EPA's Office of Wetlands, Oceans and Watersheds, to that agency's regional Water Division Directors recommends that states prepare their 2012 Integrated Reports (IRs) consistent with previous EPA IR guidance including EPA's 2006 IR Guidance, which is supplemented by EPA's 2008, 2010 and 2012 IR memoranda. The 2012 IR guidance, along with all of EPA's clarifying guidance pertaining to Section 303(d) reporting cycles, dating as far back as 1994, can be accessed on the Internet at http://www.epa.gov/owow/tmdl/guidance.html. EPA's guidance continues to place considerable importance on the timeliness of State IR submissions and subsequent approvals. As such, EPA's goal for the 2012 IR

cycle is to achieve 100% on-time IR submittals (all 56 States and Territories by April 1, 2012) and EPA action on the States' Section 303(d) lists (within 30 days of the submission). To that end, MassDEP initiated the development of the 2012 IR while still awaiting EPA's final approval of the 2010 submission. This was facilitated, in part, by the completion of new assessments for the Blackstone, Boston Harbor (including Mystic, Neponset and Weymouth/Weir), Merrimack and Parker watersheds and the Cape Cod Coastal Drainage Areas, as well as the use of the Assessment Database (ADB) which was fully implemented for the 2010 listing cycle.

This report presents the individual categories of Massachusetts' waters for the 2012 CWA listing cycle along with pertinent supporting documentation. The introductory sections pertaining to the water resources of Massachusetts, costs and benefits of clean water, and MassDEP's water quality management programs were taken from the 2010 Report with only minor modification. The section *Prioritizing Waters for TMDL Development*, by contrast, was revised to reflect the most recent schedule negotiated between MassDEP and the EPA, as part of their Performance Partnership Agreement (PPA).

WATER RESOURCES OF MASSACHUSETTS

The Commonwealth of Massachusetts ranks 45th out of the 50 states in surface area (approx. 7,840 sq mi), yet its estimated 6,497,967 inhabitants place it 15th in population (US Census Bureau, 2009). More than 75 percent of the population resides in the eastern one-third of the state.

Massachusetts encompasses two geological provinces: the Coastal Plain and the New England Upland. Cape Cod and the Islands form the coastal plain and consist of low hills and plains covering unconsolidated sediments that form the most productive aquifers in the State. The New England Upland province consists of till and stratified drift above metamorphic and igneous rocks, and provides small productive aquifers. Groundwater is used for water supply in small communities and almost exclusively on Cape Cod and the Islands. Surface water is the major source of water supply for all the major urban areas in the state, since no other source is capable of meeting these demands. Surface water in the state is relatively plentiful and of high quality, but it is not distributed in proportion to the distribution of the population. Two thirds of Massachusetts' residents depend upon surface water for their needs. The Massachusetts Water Resources Authority supplies communities in the Greater Boston area (about half the state usage of surface water) from Quabbin and Wachusett reservoirs in the central uplands.

Annual precipitation averages about 45 inches and is fairly evenly distributed throughout the state. Average annual evaporation of free water surfaces ranges from about 26 inches in Western Massachusetts to about 28 inches in the eastern half of the State. Yearly runoff ranges from about 20 inches in Cape Cod to about 32 inches in the northwestern corner of the State. The lowest runoff generally occurs during July, August and September. Runoff is highest in March in the eastern sections of the state and April in the western sections and at higher elevations.

Massachusetts incorporates all or a portion of nine major drainage systems – Hudson, Housatonic, Connecticut, Thames, Narragansett Bay, Mount Hope Bay, Boston Harbor, Merrimack and Coastal – that, in turn, are made up of a total of 32 smaller watersheds or drainage areas. These have been regrouped slightly to create the 27 watersheds, or drainage areas, that serve as the fundamental planning units of the Massachusetts' monitoring, assessment and management programs. They are described in more detail later in this report. A summary of some general surface water resource statistics for Massachusetts is provided in the table that follows.

Surface Water Atlas for Massachusetts	
Rivers[1]	
Number of Major Drainage Systems	9
Number of Watersheds or Drainage Areas	32
Number of Interstate Watersheds	12
Perennial River Miles[2]	9,962
Lakes	
Number of Lakes and Ponds[6]	3,191
Area of Lakes and Ponds (acres)[3]	151,173
Coastal Waters[4]	
Area of Harbors and Estuaries (square miles)	223
Total Coastal Miles	1,519
Wetlands[5]	
Marine and Estuarine Wetlands (acres)	125,710
Freshwater Wetlands (acres)	472,368
Total Area of Wetlands (acres)	598,078
Information Sources:	
[1] Halliwell, et al., 1982	
[2] National Hydrography Dataset (NHD) 1:24,000	
[3] Ackerman, 1989	
[4] Gil, 1985 and Maietta, 1984	
[5] Costello, 2010	
[6] Mass GIS 1:100,000 (DLG) by USGS	

COSTS AND BENEFITS OF CLEAN WATER

The benefits to society of clean water can hardly be over-stated. Adequate supplies of clean water are essential to the survival and propagation of fish, shellfish and other aquatic life, as well as terrestrial wildlife and humans that rely on these organisms for food. Furthermore, man's dependence on clean water for domestic, industrial and recreational purposes is placing ever-increasing demands on limited water supplies. While the value to society of maintaining clean water is intuitive and fairly easily understood in a qualitative sense, a comprehensive economic analysis of the benefits of clean water can be far-reaching and complex. Sometimes it is useful to turn the question around: "What is the cost to society, in terms of public health, economics or other factors, of NOT achieving sound water quality conditions?" For example, Dodds *et al.* (2009) evaluated the economic impacts of human-induced eutrophication on US freshwaters and estimated that $2.2 billion are lost annually in recreational usage, waterfront property values, water treatment costs and spending on the recovery of threatened and endangered species.

An analysis such as this typically involves comparing the costs of maintaining or restoring water quality with the socioeconomic benefits realized when the desired water quality condition is achieved. In a strict sense, this "cost-benefit analysis" has an underlying premise that a threshold exists beyond which the cost to attain the use may exceed the benefit gained, but this most certainly has implications for resources such as air and water that are essential to life on this planet. And, whereas it is possible to assign monetary costs to the construction and operation of water and wastewater treatment facilities or other activities aimed at restoring water quality, it is often more difficult to predict the value of the benefit gained from achieving water quality goals. Typically, these gains are measured by indicators such as increases in the number of fishing licenses sold, decreases in the number of shellfish bed or beach closures, or increases in property values associated with good quality waters. The aesthetic value placed on clean water, on the other hand, is more difficult to measure economically and may vary considerably from one person to the next. Another significant factor limiting the utility of this kind of analysis is the lack of data and information pertaining to the impacts of water pollution on public health and the economy. For example, the incidence of water-borne illnesses associated with swimming in contaminated waters goes largely unreported, making the resultant savings in health costs associated with the cleanup of those waters, to say nothing of the human suffering, difficult to estimate.

A complete assessment of the socioeconomic costs and benefits associated with restoring and maintaining the integrity of Massachusetts' waters is beyond the scope of this report. Nonetheless, a few examples of the financial commitments made to the protection and restoration of water resources, and the value of selected enterprises relying on those resources, can serve to illustrate the magnitude of the socioeconomic affects of clean water. One major financial commitment enabled by the passage of the Clean Water Act is the funding of wastewater collection and treatment infrastructure. Details pertaining to the State Revolving Fund (SRF) can be found at http://www.mass.gov/dep/water/wastewater/wastewat.htm#srfinfo. This program, and its predecessor Construction Grants Program, represent the largest single financial commitment to clean water in Massachusetts and is estimated to be over $8 billion from 1968 to the present.

The construction grant and loan programs are by no means the only sources of capital used to ensure clean water. Private industries and institutions pay for the installation and operation of wastewater treatment and pre-treatment facilities. Furthermore, water and wastewater infrastructure will not do the job alone. For example, the management of nonpoint sources of pollution is best accomplished through the implementation of best management practices (BMPs) and responsible landuse, so resources are needed to increase public awareness and stewardship. The CWA Section 319 addresses the identification and management of nonpoint sources of pollution and provides grant monies for the implementation of BMPs and public education programs. Many other agencies, as well as non-governmental organizations (NGOs), such as private institutions, watershed associations and citizen environmental advocacy groups, commit time and financial support to educating the public and promoting behaviors that will lead to cleaner waters in Massachusetts. It is difficult, however, to put a price tag on all of this good work.

As stated earlier, it is even more challenging to estimate the magnitude of the economic benefit associated with clean water than it is the costs of achieving clean water. Economic benefits from clean water in Massachusetts are reflected in data and information on sport and commercial fisheries, recreation in and on the water, tourism, and property values. The following statistics may help to illustrate the extent of these benefits, but they are by no means comprehensive or complete. The US Fish and Wildlife Service and US Census Bureau report that 497,000 recreational anglers fished a total of 7.8 million days in Massachusetts in 2006. Associated expenditures were $770 million dollars. This includes food, lodging, transportation, fishing gear and associated equipment, licenses and fees, etc.

More recent information pertaining to revenues generated through the sale of fishing licenses and shellfishing permits in Massachusetts is summarized in the 2009 annual reports of the Massachusetts Division of Fisheries and Wildlife (MADFW) and Division of Marine Fisheries (MADMF), respectively. Sales of freshwater fishing licenses exceeded $3.2 million in FY2009, while DMF collected over $2.1 million in permit fees from commercial fishermen, fish and shellfish dealers and other permittees.

According to the National Oceanic and Atmospheric Administration (NOAA), Massachusetts' commercial fishery ex-vessel revenues in 2003 totaled $292.5 million, placing it first among ten northeast coastal states. Because most finfish and shellfish species that comprise this commercial catch rely on near-shore waters

and river estuaries for all or a portion of their lifecycles, the quality of freshwaters and their watersheds has a direct effect on the health of the offshore fishery. Reductions in ground stocks of commercially valuable fishes have been documented in the waters off New England for several years now, and this serious problem is likely attributed to a combination of environmental degradation, over-fishing and other factors that are difficult to quantify. Therefore, it is difficult to predict with certainty the direct monetary benefits to the commercial fishery from various steps taken to achieve clean water in Massachusetts' watersheds and coastal waters. Nonetheless, it stands to reason that a recovery in Massachusetts' marine fisheries cannot be accomplished if clean water is not restored and maintained in those near-shore waters.

The Massachusetts tourism industry brought in $14.4 billion in direct spending in 2009 that generated $915 million in state and local taxes. It is assumed that two-thirds of this travel was for leisure and that a substantial number of tourists were involved with water-related activities such as swimming, boating, fishing and viewing wildlife. Furthermore, much of Massachusetts' cultural history centers on its waterways that provided food and transportation to its' endemic people and early settlers and hydropower and navigation during the industrial revolution. The aesthetic value of these waters and associated sites of interest is enhanced immeasurably by clean water. Again, although not quantified here, it is evident that the Massachusetts travel industry benefits directly from clean water and that ongoing pollution abatement will result in further economic gains for tourism. Finally, several studies have concluded that clean water has a positive effect on adjacent property values. For example, a study in Maine (Michael et al. 1996) demonstrated that lakefront properties were up to $200 higher per frontage foot when water quality was good. Similarly, others have shown that water clarity is essential to the enjoyment of lakes and ponds and that people are willing to pay to ensure that clean water is maintained.

In summary, a detailed analysis of the socioeconomic benefit of clean water to Massachusetts' residents would be complex and time-consuming and would be better undertaken as a separate study. Nonetheless, from the examples presented, it should be evident that the restoration and maintenance of clean water, while not inexpensive, result in enormous benefit to the economy and quality of life in Massachusetts.

ELEMENTS OF THE MASSACHUSETTS WATER QUALITY MANAGEMENT PROGRAM

Watershed-based Monitoring, Assessment and Implementation

Watershed protection is the dominant theme of many state water quality management programs, and the EPA has endorsed this approach by providing financial and technical support for watershed-based water quality management activities. Details pertaining to the watershed approach to managing Massachusetts' water resources can be found at http://www.mass.gov/dep/water/priorities/wshappr.htm. In 1993 the twenty-seven major watersheds and coastal drainage areas in Massachusetts were placed on a rotating five-year schedule to synchronize several components of its water management program. Today, MassDEP continues to utilize the watershed as the fundamental planning unit for monitoring and other water management program elements. However, a change in the original watershed groupings for the five-year watershed management cycle was adopted specifically for monitoring in 2010. Described in more detail at http://www.mass.gov/dep/water/resources/swmonadj.htm, the watersheds were regrouped on a regional basis to take advantage of potential benefits to monitoring survey logistics of more closely aligned watersheds, and to more equitably distribute Massachusetts' total river miles among the five groups. The new watershed alignment also facilitated the implementation of a new statistically-based monitoring program component.

An overview of Massachusetts' existing surface water monitoring program can be found at http://www.mass.gov/dep/water/resources/envmonit.htm. A strategic goal of the MassDEP is to implement a comprehensive monitoring program that serves all water quality management needs and addresses streams, rivers, lakes, reservoirs, estuaries, coastal areas, wetlands, and groundwater. To accomplish this goal and to address a wide variety of water quality-related objectives the agency has developed a multifaceted monitoring strategy that includes monitoring elements, data analysis, reporting, and use of the data for management decisions. Major components of the monitoring program fulfill requirements of the Federal Clean Water Act (CWA) and the Federal Safe Drinking Water Act. This proposed monitoring program, developed in accordance with guidance from the EPA (EPA 2003), is

described in *A Water Quality Monitoring Strategy for the Commonwealth of Massachusetts* (MassDEP 2005) which is available at the website cited above.

During the first year of the rotating schedule described above, pertinent data and information relative to managing the water resources in the watershed are gathered and reviewed to identify data gaps and additional information needed. This process culminates in the development of a plan for obtaining this information in "Year 2". At a minimum, a Quality Assurance Project Plan (QAPP) is formulated for all environmental monitoring activities to be performed. The scope of the monitoring effort varies depending upon the resources available and the prevailing water quality issues within each watershed. Input from outside agencies and the general public is solicited in order to gain further insight with respect to water quality goals and priorities.

Results of the MassDEP's monitoring efforts, combined with all other reliable information, constitute the basis for making water quality assessments in accordance with the requirements set forth in Section 305(b) of the CWA. Like monitoring, watershed assessments are carried out sequentially as part of the watershed management cycle. Use-attainment determinations are made for each waterbody segment for which adequate data and information are available. However, many waters are not assessed for one or more uses in any given assessment cycle, and many small and/or unnamed streams and ponds have never been monitored and assessed. Until recently, individual use assessment decisions, along with supporting water quality data and information, were documented in individual watershed assessment reports. These are listed in the Bibliography and are available for all of Massachusetts' watersheds and coastal drainage areas at http://www.mass.gov/dep/water/resources/wqassess.htm. The future of reporting on the assessment status of Massachusetts' waters rests with the application of EPA's Assessment Database (ADB), a process that became fully operational for the 2010 listing cycle. The ADB is a relational database for tracking water quality assessment data, including use attainment, and causes and sources of impairment. The ADB is designed to make the assessment and listing process accurate, straightforward and user-friendly for states, tribes and other water quality reporting agencies. Finally, the ADB automates the production of reports required by the CWA that states submit to the EPA, thus reducing the burden of reporting under sections 305(b), 314 and 303(d).

Where applicable and feasible, the determination of site-specific water quality criteria, calculation of total maximum daily loads or TMDLs, and the derivation of load/wasteload allocations may be initiated during subsequent years of the watershed cycle, as necessary. Wastewater and water withdrawal permits may also be issued. Finally, priority waterbodies exhibiting nonpoint pollution problems may be selected for the application of Best Management Practices (BMP) Grants, education and outreach to municipalities, or other control strategies. These and related water quality management program elements are briefly described below.

Total Maximum Daily Load (TMDL) Program

Section 303(d) of the Clean Water Act and the EPA's Water Quality Planning and Management Regulations (40 CFR Part 130) require states to develop Total Maximum Daily Loads (TMDLs) for waterbodies that are not meeting designated uses under technology-based controls. The TMDL process establishes the maximum allowable loading of pollutants that a waterbody can receive and still meet the SWQS established for protecting public health and maintaining the designated beneficial uses of those waters. Through this process states implement water quality-based controls to reduce pollutant loadings from both point and nonpoint sources and restore and maintain the quality of their water resources. TMDL implementation is accomplished through adherence to prevailing regulations and program requirements such as those governing the NPDES permits for point source control and the stormwater management performance standards maintained by conservation commissions under the Wetlands Protection Act. Furthermore, funding priority for CWA Section 319 grants and State Revolving Funds (SRF) is given to watershed clean-up projects that are consistent with TMDL Program requirements. Visit http://www.mass.gov/dep/water/resources/tmdlfs.htm for more information pertaining to Massachusetts' TMDL Program.

A specific time frame for developing TMDLs is not set forth in either the statute or regulation governing the TMDL program. Nonetheless, in 2001 Massachusetts convened a TMDL Steering Committee to

evaluate the TMDL Program and make recommendations for its improvement. This committee helped to set goals for prioritizing waters for TMDL development. Because TMDLs can take several years to develop, ongoing commitments to complete specific TMDLs are now included in each State-EPA Performance Partnership Agreement (PPA) and the most recent PPA and MassDEP Work Plan reflect the current priorities for TMDL development (see *Prioritizing Waters for TMDL Development* later in this report). The PPAs, subject to public review and comment, provide a detailed plan of work to be performed during a two-year time period and are reviewed annually. Massachusetts is committed to the development of TMDLs as expeditiously as possible and has devoted substantial monetary and personnel resources to this program.

Wastewater Discharge Permitting and Stormwater Programs

Information pertaining to both of these programs can be accessed through the internet at http://www.mass.gov/dep/water/surfhome.htm. Wastewater discharges to surface waters in Massachusetts are governed by permits issued in accordance with both the Surface Water Quality Standards (SWQS) and guidelines set forth as part of the federal NPDES Permit Program. This system establishes levels of effluent quality that must be achieved at municipal, institutional and industrial treatment facilities to ensure that water quality standards are met in the receiving waters. Massachusetts has not been delegated the authority to issue NPDES permits by the EPA. Therefore, the EPA retains the responsibility for the administrative aspects of the program, including drafting the discharge permits, conducting public hearings and issuing the final permit. The MassDEP must provide state certification of the final draft permit prior to issuance in accordance with Section 401 of the CWA. The MassDEP also is a signatory to the final permit, making it a joint permit. This process results in a final discharge permit that is valid under both federal and state law, so each permitting agency has the independent right to enforce its terms and conditions. The federal Clean Water act (CWA) requires that discharges satisfy both minimum technology and water quality requirements.

The stormwater permitting program (see http://www.mass.gov/dep/water/wastewater/stormwat.htm) was initiated nationally by the EPA and addressed medium and large municipal systems (medium systems are greater than 100,000 population served by a municipal separate stormwater sewer system ["MS4"], while large systems are greater than 250,000 population), a wide range of industrial activities (controlled through the EPA multi-sector general permit program) and construction activities with a disturbance of land greater than 5 acres. Those programs and permits used the "best management practices" (BMP) approach rather than the specific permit conditions traditionally used in individual NPDES permits for municipal and industrial discharge sites. Facilities and construction sites were required to develop and implement stormwater management plans to control runoff, limit transport of pollutants off-site and to mitigate erosion and other habitat alterations associated with stormwater runoff.

The scope of the stormwater program was expanded in 2003 to include small municipalities (237 cities and towns in Massachusetts), public entities that operated "MS4" systems, including highways, parks and public entities such as colleges and prisons. The program requirements, established in 1999 by the EPA Storm Water Phase II regulations, are being implemented in over two-thirds of the municipalities in Massachusetts and several dozen other public "MS4" systems through a general permit program.

Sustainable Water Management and the Water Management Act

Maintaining sufficient streamflow and reservoir levels to support fish, other aquatic life and wildlife, while responding to increased anthropogenic demands for water, is a major challenge facing Massachusetts' environmental officials and its citizenry. As a participating member of the Sustainable Water Management Initiative (SWMI), MassDEP's Bureau of Resource Protection (BRP) is working with the Executive Office of Energy and Environmental Affairs (EEA) and its member agencies, along with numerous outside organizations, to develop a water allocation program that examines solutions to satisfying water needs while recognizing ecological issues such as low streamflow. The DRAFT *Massachusetts Sustainable Water Management Initiative Framework Summary,* released in February, 2012, describes revisions to the methodology for defining Safe Yield in each of the Massachusetts watersheds, as well as how stream flow criteria will advise MassDEP when reviewing Water Management Act (WMA) permits. This document

is under review. More information pertaining to the SWMI can be found at http://www.mass.gov/eea/air-water-climate-change/preserving-water-resources/.

MassDEP is addressing problems of streamflow alteration primarily through the implementation of the Massachusetts Water Management Act (WMA). Enacted in 1985, the WMA regulates all withdrawals from ground and surface water sources that exceed an average annual volume of 100,000 gallons per day (gpd). The WMA allowed all withdrawals of this magnitude that existed between 1981 and 1985 to be registered if they correctly applied by January 4, 1988. The MassDEP allowed registrants to continue these historic withdrawals provided that they meter or otherwise verify their actual water use and that they report their usage annually. New withdrawal points or increased withdrawal volumes from registered points exceeding the WMA threshold of 100,000 gpd sought after 1985 are required to obtain a withdrawal permit. The application review process considers other withdrawals within the same watershed. This process includes an analysis of the potential local impacts that may result from the proposed withdrawal. Included in this local impact analysis is the identification of resources affected by water level fluctuations and a determination of acceptable groundwater levels for those resources. The impact of water withdrawals on surface water quantity and quality, as well as the effects of induced infiltration on the quality of the withdrawal water, are considered as a part of the review. Water conservation measures are now included in WMA Permits that reflect the State Water Conservation Standards adopted in July, 2006. The requirements that systems meet an annual value of 65 residential gallons per person per day, maintain 10% or less unaccounted-for water loss, and require seasonal reductions in nonessential uses are some of the most stringent in this part of the country. For more information on the WMA and water withdrawals in Massachusetts see http://www.mass.gov/dep/water/drinking/wmafact.pdf.

Nonpoint Source Program

The internet site http://www.mass.gov/dep/water/resources/nonpoint.htm presents a definition of nonpoint source pollution and describes the measures and programs currently aimed at its control. In the past the EPA and the states have focused water pollution abatement programs on the control of point sources through waste load allocation and NPDES permitting. Nonpoint source pollution is not as easily assessed nor controlled, for it is intricately linked with the use of the land and land-use decisions are made at the local level. For this reason federal and state efforts are aimed at educating local officials and the public-at-large with respect to the importance of land-use planning and zoning, the use of best management practices (BMPs) to control stormwater, and other measures for preventing nonpoint pollution. Critical to the success of this approach is the establishment of partnerships between all of the parties that have an interest in the process. By bringing these parties together problems are identified and prioritized and innovative solutions are developed. Moreover, the watershed represents a logical planning unit on which to focus this effort.

A Nonpoint Source Management Plan was originally developed by the MassDEP in 1988 pursuant to Section 319 of the CWA. This plan, updated in 1994 and 1999, sets forth an integrated strategy for the prevention, control, and reduction of pollution from nonpoint sources in an effort to protect and improve the quality of the waters of the Commonwealth and serves as a framework on which the changes to the State Revolving Fund (SRF) regulations are built. Each year Congress appropriates funds under Section 319 to assist the states with the implementation of their approved Nonpoint Source Management Plans. Implementation activities include: regulatory enforcement, technical assistance, education, training, technology transfer, watershed restoration, and demonstration projects. Only those implementation strategies identified in the Management Plan are eligible for federal funding. Since 1990, and extending through 2010, the MassDEP has administered 228 Section 319 nonpoint source management projects, which total $41,863,140. The Massachusetts Nonpoint Source Management Plan can be obtained from http://www.mass.gov/dep/water/resources/nonpoint.htm#plan

In addition to the Nonpoint Source Management Plan, MassDEP recently updated its Nonpoint Source Management Manual. Now referred to as the Water Quality Toolkit, the manual is a compilation of nonpoint source best management practices that was first developed in 1998. Since then our understanding of nonpoint source issues and best management practices has evolved, as have the options for presenting and distributing such material. A Section 319 grant was used to revise and update the Manual in electronic and web-based form as well as in print. New topics include municipal good housekeeping, low impact

development, Phase II stormwater, and related material. The Water Quality Toolkit can be accessed at the following website: http://www.mass.gov/dep/water/resources/nonpoint.htm#megaman

On October 23, 2003, the EPA issued new guidelines promoting the use of Section 319 funding for developing and implementing Watershed-Based Plans to protect unimpaired waters and restore impaired waters. Watershed-Based Plans to restore impaired waters are required for all projects implemented with Section 319 incremental dollars, and are recommended for all watershed projects, whether they are designed to protect unimpaired waters, restore impaired waters, or both. In response to the new EPA guidelines, the MassDEP retained a consultant to develop a statewide watershed-based plan organized according to the 27 major planning basins and sub-organized by 12-digit HUC code areas. The result was a web-based product that allows stakeholders and grant applicants to identify known and likely causes and sources of nonpoint source pollution in their watersheds. It also helps to prioritize the NPS problems, identify appropriate best management practices and watershed-based strategies for addressing the problems, and develop winning proposals to fund the work using 319 nonpoint source competitive grant funds or similar programs. The Massachusetts Watershed Based Plan is accessed at http://public.dep.state.ma.us/Watershed/Intro.aspx

Clean Water State Revolving Fund (SRF)

Information pertaining to the Massachusetts State Revolving Fund (SRF) for water pollution abatement projects can be accessed at http://www.mass.gov/dep/water/wastewater/wastewat.htm. Administered jointly by MassDEP's Division of Municipal Services (DMS) and the Massachusetts Water Pollution Abatement Trust (the Trust), the SRF was established to provide a low-cost funding mechanism to assist municipalities and wastewater districts/authorities seeking to comply with federal and state water quality requirements. The SRF loan program receives funding from the EPA in the form of an annual grant, supplemented by state matching funds and funds paid back by previous borrowers. The Trust, in turn, leverages these funds through the sale of bonds, resulting in a much larger pool of money to loan to borrowers. The addition, in FY2010, of $185 million in American Recovery and Reinvestment Act (ARRA) funds into the program allowed the Trust to finance more projects than usual, and, in that year, a total of $672 million in Clean Water financing was provided to communities of the Commonwealth. Since its inception in 1989, the SRF loan program has provided more than $4.4 billion in loans to over 280 Massachusetts communities.

Each year the MassDEP solicits projects from Massachusetts municipalities and wastewater districts to be considered for subsidized loans, which are currently offered through a two percent interest loan. Financial assistance is available for planning, design and construction of infrastructure, including new wastewater treatment facilities and upgrades of existing facilities; infiltration/inflow correction; wastewater collection systems; control of combined sewer overflows (CSO); Brownfields water resource infrastructure improvement; and nonpoint source pollution abatement projects, such as landfill capping, community programs for upgrading septic systems (Title 5), and stormwater remediation. In addition, non-structural projects are eligible for SRF funding; e.g., planning projects for nonpoint source problems that are consistent with the Massachusetts Nonpoint Source Management Plan and that identify pollution sources and suggest potential remediation strategies.

MASSACHUSETTS WETLANDS PROTECTION AND ASSESSMENT PROGRAMS

MassDEP administers both regulatory and non-regulatory programs aimed at the assessment and protection of the Commonwealth's valuable wetland resources. All of these programs are presented in detail at http://www.mass.gov/dep/water/resources/wetlands.htm#top. Three programs with applicability to the assessment of waters under the CWA are briefly summarized below.

Wetlands Regulatory Program

MassDEP protects inland and coastal wetlands pursuant to the Massachusetts Wetland Protection Act (WPA) (M.G.L. Ch. 131 § 40), first enacted in 1972, and the WPA regulations at 310 CMR 10.00. The WPA regulations provide strong protection of bordering vegetated wetlands, allowing for no more than

5000 square feet of alteration and requiring full replacement in most cases, and only if the altered area is replaced in a manner that will function similarly to the lost area. In Massachusetts, implementation of the WPA is administered by local Conservation Commissions and approximately 8,500 applications ('Notices of Intent') are submitted each year. MassDEP is responsible for appeals, Water Quality Certifications (WQC) under Section 401 of the Clean Water Act and enforcement.

In 1996 the Massachusetts Legislature amended the WPA to provide additional protection to rivers. Known as the Massachusetts Rivers Protection Act, this amendment regulates activities within a newly established wetland resource area known as the Riverfront Area. The River Protection Act extends to rivers the protection originally offered only to wetlands, with the same overall goals and purposes: protection of private and public water supply, groundwater protection, flood control, prevention of storm damage, prevention of pollution, and protection of wildlife habitat, shellfish beds and fisheries.

Wetlands Loss and the Wetland Information Resource (WIRe) Project

Until recently, MassDEP had no comprehensive strategy to monitor compliance with permits, or to identify illegal wetland fill. In 2001, MassDEP initiated a unique state-of-the art digital aerial surveillance program, using remote sensing data to identify wetland alterations from activities such as clearing, building or filling (see http://www.mass.gov/dep/service/compliance/wlossmap.htm#top). Aerial imagery flown in 2001 was compared to imagery flown between 1990 and 2000 over approximately 70% of the state. This analysis determined that over 840 acres of wetlands at 3,244 sites were filled between 1990 and 2001. While this loss is a relatively small portion of the total wetland acreage in Massachusetts, it is far more than is acceptable. In 2005, a new flight covered the remainder of the state and identified wetlands loss that occurred between 2001 and 2005. This analysis indicated a loss of 482 acres at 1,473 sites. Depending on the region of the state, the rates of wetlands loss have remained the same, or been slightly reduced over the two periods of 1990-2001 and 2001-2005. Through this ongoing effort, MassDEP is developing reliable and verifiable data on freshwater wetland loss. MassDEP has also examined the areas of loss to see what types of activities account for the most change. The latest 2005 imagery analysis indicates that commercial and residential development continue to be large contributors to wetland loss, and that cranberry bog operations, other agricultural activities and sand and gravel operations account for a smaller, yet substantial, percentage of overall loss.

It is the goal of the MassDEP to reduce wetland loss in the future by targeting compliance, enforcement, and outreach to those sectors contributing to the greatest losses. In 2005, utilizing grant funding from the EPA, MassDEP launched a 3-year project aimed at integrating wetland loss maps and other GIS maps with MassDEP's permitting and enforcement records. The Wetland Information Resource (WIRe), accessed at http://www.mass.gov/dep/water/resources/wiremacc.htm#list, allows MassDEP to more easily track permitted impacts, determine responsibility for wetland loss, pursue enforcement, and monitor compliance & mitigation success.

Wetlands Monitoring and Assessment Strategy

In a recent publication entitled *Development and Use of Aquatic Life Use Standards for Wetlands in Massachusetts* (May, 2011) the MassDEP describes its progress made to date on the development of methodologies for monitoring and assessing wetlands within the context of the Federal CWA, and outlines a strategy for instituting water quality standards for wetlands. Although Massachusetts' water quality standards are applicable to wetlands, wetlands are further protected through the Wetland Protection Act and 401 Water Quality Certification requirements which primarily implement criteria for physical alterations such as dredging and filling activities and chemical alterations like those associated with stormwater discharges. Nonetheless, the EPA is encouraging states to adopt numeric criteria for all waters, including wetlands, in order to determine whether waters are supporting aquatic life. Ongoing efforts by the MassDEP to refine water quality standards for wetlands are focusing on the development of biological criteria within the framework of EPA's Biological Condition Gradient (BCG) and Tiered Aquatic Life Use (TALU) conceptual models.

The MassDEP Wetlands Program, together with researchers from the University of Massachusetts-Amherst (UMass) and Massachusetts Coastal Zone Management (CZM), has been working since 2007 to

develop a scientifically valid program to monitor and assess wetlands. Funded by the EPA, this effort is focused on the development and application of assessment methods at two levels of resolution. First, work is continuing on the refinement and application of the Conservation Assessment and Prioritization System, or CAPS, a Level 1 (i.e., landscape-level) assessment model that has been under development by UMass for several years (see http://www.masscaps.org/). CAPS combines land-cover mapping derived from GIS and satellite imagery with 21 integrity metrics, each representing a stressor on the environment, to calculate a value between 0 and 1 for each $30m^2$ plot on the landscape. The CAPS computer model can analyze individual metrics, or combine them to derive an Index of Ecological Integrity, or IEI. High IEI scores (approaching 1.0) are indicative of communities that are relatively free from stressors. The IEI is a *predictor* of the capacity of a wetland to sustain its ecological condition in the long term and to recover from stress.

Because CAPS does not use field-based information to assess ecological conditions on the ground, site-level assessment methodologies (SLAMs) are being developed that utilize actual field data to evaluate wetland condition and calibrate the CAPS model. Efforts are ongoing to identify dose-dependent relationships that may exist between the field data and the metrics modeled in CAPS, and to develop Indices of Biological Integrity (IBI's) to incorporate into the SLAMs. IBIs are metrics used to quantify changes in biological communities in response to adverse human activity and can serve as indicators of particular stressors acting on a wetland or water body, as well as a composite score for biological condition. To date, SLAMs have been developed for forested wetlands and salt marshes; however, the long-term goal is to develop SLAMs and IBI's for other wetland types such as shrub swamps and emergent marshes.

When developing biocriteria for use in setting water quality standards, the EPA has suggested that states consider designating tiers corresponding to various levels of biological condition based on the Biological Condition Gradient. However, it is the goal of the MassDEP Wetlands Program staff to establish criteria for aquatic life that avoids the undesirable effects of dividing a continuous environmental gradient into discrete tiers. Wetland IEI values generated from the CAPS model define a continuous gradient that is inversely proportional to the magnitude of stressors acting on those wetlands (generalized stressor gradient). Likewise, consistent with the Biological Condition Gradient concept, IBI's calculated from actual measurements of biological integrity in the field are expected to be negatively correlated with stressors affecting wetlands and water bodies. As the CAPS model is further refined, and SLAMs are developed for more wetland types, numeric criteria for aquatic life will be derived by defining the acceptable range of variability around the relationship between predicted (IEI) and actual (IBI) wetland condition. Furthermore, because both IEI and IBI yield scores that are continuous throughout their range, it is possible to create numeric criteria for biological condition based on each site's particular landscape context without creating separate tiers or classes.

Additional SLAMs and IBI's are needed for other wetland communities (e.g. shrub swamp, emergent marsh, etc) before wetland standards can be fully implemented. However, substantial progress has been made to date on both the development of IBIs for use in assessing forested wetlands and salt marshes, as well as on the application of the CAPS model – calibrated using site-condition data – for maintaining and improving wetland condition.

THE MASSACHUSETTS SURFACE WATER QUALITY STANDARDS

The establishment of achievable goals for surface waters is fundamental to their restoration and protection. To this end, states adopt water quality standards that ascribe these goals in the form of beneficial uses that are assigned to specific defined waterbodies. For example waters may be designated for the support of aquatic life, recreational use, and fish and shellfish consumption. The SWQS also specify criteria that waterbodies must meet in order to support their assigned uses. Criteria may be expressed as numerical values that should not be exceeded in ambient water, such as a mean coliform bacteria count of 200 colonies per 100 ml, or a minimum instream dissolved oxygen concentration of 5 mg/l. Alternatively, water quality standards may include narrative statements that waters shall be free from constituents in concentrations that would impair their intended uses.

The Massachusetts Surface Water Quality Standards (SWQS) are found at 314 CMR 4.00 and are available on-line at http://www.mass.gov/dep/service/regulations/314cmr04.pdf**.** The SWQS assign all inland and coastal and marine waters to classes according to the intended beneficial uses of those waters. For example Class A waters are designated as the source of public water supplies and, where compatible with this use, should also be suitable for supporting aquatic life, recreational uses such as swimming and boating, and fish consumption. Class B waters are not water supplies, but are designated for all of the other uses cited above for Class A. Finally, Class C waters should be suitable for aquatic life and recreational uses where contact with the water is incidental, such as boating and fishing, but may not be suitable for swimming, diving, or water skiing. Inland waters are also subcategorized as to fishery type ("cold water fishery", "warm water fishery" or "aquatic life") based on the waterbody's natural capacity to support these resources. Massachusetts' coastal and marine waters are assigned to classes (i.e., SA, SB and SC) that distinguish shellfish harvesting and recreational uses while providing suitable habitat for wildlife, fish and other aquatic life. In any case, minimum criteria (e.g., dissolved oxygen, temperature, etc.) are specified for each class based on the most sensitive use designated to that class. Additional criteria that apply to all surface waters are also included in the SWQS.

Some waters are designated for special protection under the antidegradation provisions of the SWQS. These provisions restrict or prohibit the authorization of wastewater discharges to critical resource waters. Most notable is the Outstanding Resource Water (ORW) designation that applies to all Class A waters and certain Class B, Class SA and Class SB waters. These waters exhibit exceptional socio-economic, recreational, ecological and/or aesthetic qualities. Outstanding Resource Waters include, but are not limited to, Class A public water supplies and their bordering vegetated wetlands and vernal pools certified as such by the Massachusetts Division of Fish and Game. Other waters designated as ORWs may include those protected by special legislation, as well as selected waters found in National Parks, State Forest and Parks, or Areas of Critical Environmental Concern (ACECs).

The adoption of water quality standards is a public process and the CWA specifies that states hold public hearings at least once every three years to review and, where appropriate, revise their water quality standards. Following a public review process held in January-February 2006, MassDEP adopted the most recent revisions to the SWQS on December 29, 2006. These were subsequently submitted to the EPA for review in January 2007, and on March 26, 2007 the EPA approved some revisions while indicating that the remaining revisions proposed by MassDEP were still under review. In September 2007, the EPA approved an additional set of the revisions adopted in 2006.

From this brief overview it should be evident that the process of assessing surface waters (305b) and listing impairments (303d) is inextricably linked to the Surface Water Quality Standards, as they define the uses that are to be evaluated for any given waterbody and the criteria for determining whether or not those uses are, in fact, supported. Furthermore, SWQS changes from one triennial review to the next can alter the methodology used to make assessment and listing decisions. Since assessments are sequentially carried out as part of MassDEP's rotating watershed management schedule, it is possible for more than one assessment methodology to be represented within a single integrated list reporting cycle. Nonetheless, all of the new watershed assessments completed for the 2012 listing cycle were completed after the revised SWQS were approved in 2007.

GENERAL APPROACH TO ASSESSING MASSACHUSETTS' WATERS

Sources of Information

Reliable scientific data and technical information are essential for making water use assessments. It is EPA policy (EPA Order 5360.1 CHG 1) that any organization performing work for or on behalf of the EPA must establish a quality system to support the development, review, approval, implementation, and assessment of data collection operations. To this end, the MassDEP describes its Quality System in an EPA-approved Quality Management Plan to ensure that environmental data are of known and documented quality and are suitable for their intended use. In preparing lists of impaired waters to meet Section 303(d) requirements states must consider all existing and readily available data and information. MassDEP sequentially completes watershed assessments within the broader context of its five-year

rotational watershed monitoring, assessment and management schedule. Accordingly, MassDEP also solicits data and information from any and all potential external parties in adherence to that same rotating watershed schedule. Data and information from third parties are subject to the same documentation and validation procedures utilized for data generated by MassDEP. In order to accept data from third parties to be used for Section 303(d) listing and other related regulatory purposes the MassDEP requires the following: 1) an appropriate Quality Assurance Project Plan (QAPP) including a laboratory Quality Assurance/Quality Control (QA/QC) plan; 2) use of a state certified lab (or as otherwise approved by DEP for a particular analysis); and 3) sample data, QA/QC and other pertinent sample handling information documented in a citable report..

Specific sources of information used for the assessments are cited in individual watershed assessment summary reports (see: http://www.mass.gov/dep/water/resources/wqassess.htm). They include monitoring data reports from state and federal agencies and nongovernmental organizations (NGO), as well as reports on projects resulting from state or local grants or federally funded through CWA sections 314, 319, 104(b)3, or 604(b).

Section 314 of the CWA provided for cooperative agreements between federal, state and local entities to restore publicly owned freshwater lakes and ponds and protect them against degradation. During the late 1970s through the early 1990s diagnostic and feasibility (D&F) studies were completed for several lakes and ponds throughout Massachusetts and these were used in earlier 305(b) assessments and 303(d) listing decisions. Information from these studies continues to carry over into new assessment and listing cycles unless new monitoring information results in a change in their assessment and listing status. Likewise, information contained in the nonpoint source assessment report prepared in 1989 in accordance with the requirements of Section 319 is also reflected in 305(b) and 303(d) reporting elements unless more recent information has resulted in a modification of the original assessment.

The following generic list provides sources that are typically consulted when making watershed assessments. Note, however, that this list is not complete and individual watershed assessment documentation should be consulted for specific sources of data and related information.

State Agencies

Massachusetts Division of Marine Fisheries
Massachusetts Division of Fisheries and Wildlife
MassDEP, Drinking Water Program
MassDEP, Wetlands and Waterways programs
MassDEP, Watershed Planning and Permitting programs
MassDEP, Wastewater Management Program
Massachusetts Office of Coastal Zone Management (CZM)
Massachusetts Department of Conservation and Recreation (DCR)
Massachusetts Department of Public Health (DPH)
Massachusetts Water Resources Authority (MWRA)

Federal Agencies

U.S. Geological Survey
U.S. Environmental Protection Agency
U.S. Fish and Wildlife Service
U.S. Army Corps of Engineers
National Oceanographic and Atmospheric Administration

Other Sources

Massachusetts Water Resources Research Center
Colleges, Universities and associated academic institutions
Watershed and lake associations
Citizen monitoring programs

Municipal Conservation Commissions (nonpoint source assessment)
NPDES Permit Monitoring Requirements
Municipal Facilities Plans
Environmental consultants

Consolidated Assessment and Listing Methodology (CALM)

Prior to 2002 states prepared and submitted to the EPA both a biennial *Summary of Water Quality Report* in accordance with the requirements of Section 305(b) as well as a separate Section 303(d) *List of Impaired Waters*. On November 19, 2001 the EPA released guidance for the preparation of an optional *Integrated List of Waters* that would combine reporting elements of both sections 305(b) and 303(d) of the CWA. This Integrated Report (IR) format allows states to provide the status of all their assessed waters in a single, multi-part list.

States choosing this option can list each Assessment Unit (AU) (i.e., waterbody or segment thereof) in one of the following five categories:

1) Unimpaired and not threatened for all designated uses;
2) Unimpaired for some uses and not assessed for others;
3) Insufficient information to make assessments for any uses;
4) Impaired or threatened for one or more uses, but not requiring the calculation of a Total Maximum Daily Load (TMDL); or
5) Impaired or threatened for one or more uses and requiring a TMDL.

Thus, waters listed in Category 5 constitute the 303(d) List and, as such, are to be reviewed and approved by the EPA. The remaining four categories are submitted in fulfillment of the requirements under Section 305(b), essentially replacing the old 305(b) Report format.

In July, 2012, MassDEP published the *Massachusetts Consolidated Assessment and Listing Methodology (CALM) Guidance Manual.* This manual contains a brief summary of the Massachusetts Surface Water Quality Standards (SWQS) that define the goals for water quality in the state (MassDEP 2006), the requirements for assessing the quality of data to be used for CWA reporting, the methods of reviewing water quality data and information used by the MassDEP Division of Watershed Management (DWM) analysts to make use assessment decisions, and the use of the EPA's Assessment Database (ADB) for consolidated reporting and the generation of the *2012 Massachusetts Integrated List of Waters.* The CALM document can be found online at http://www.mass.gov/dep/water/resources/wqassess.htm.

The CWA Section 305(b) water quality reporting process, embodied in the MassDEP watershed assessments and Integrated List of Waters, is an essential aspect of the Nation's water pollution control effort. It is the principal means by which the EPA, Congress, and the public evaluate existing water quality, assess progress made in maintaining and restoring water quality, and determine the extent of remaining problems. In so doing, the States report on water bodies within the context of supporting their designated uses. These uses include: *Aquatic Life, Fish Consumption, Drinking Water, Primary Contact Recreation, Secondary Contact Recreation, Shellfish Harvesting* and *Aesthetics*. Two subclasses of Aquatic Life that are also designated in the standards are Cold Water Fishery (capable of sustaining a year-round population of cold water stenothermal aquatic life, such as trout), and Warm Water Fishery (waters that are not capable of sustaining a year-round population of cold water stenothermal aquatic life).

As explained earlier, the SWQS prescribe minimum water quality criteria to sustain the designated uses. Furthermore, these standards describe the hydrological conditions at which water quality criteria must be applied: *"For rivers and streams, the lowest flow condition at and above which aquatic life criteria must be applied is the lowest mean flow for seven consecutive days to be expected once in ten years (7Q10)…In waters where flows are regulated by dams or similar structures, the lowest flow condition at which aquatic life criteria must be applied is the flow equaled or exceeded 99% of the time on a yearly basis, or another equivalent flow agreed upon by the Department and the federal, state or private entity controlling the flow…In coastal and marine waters and for lakes and ponds, the Department will establish extreme*

hydrologic conditions at which aquatic life criteria must be applied on a case-by-case basis." [314CMR 4.03(3)].

The determination of whether or not a waterbody supports each of its designated uses is a function of the type(s), quality and quantity of available current information. While the water quality standards prescribe minimum water quality criteria to sustain the designated uses, numerical criteria are not available for every indicator of pollution. Best available guidance in the literature may be applied in lieu of actual numerical criteria. Excursions from criteria due solely to "naturally occurring" conditions do not constitute violations of the SWQS and are not causes of use impairment.

Each use, within a given segment, is individually assessed as **support** or **impaired**. When too little current data/information exists, or no reliable data are available, the use is **not assessed**. However, if there is some indication of water quality impairment, which is not "naturally-occurring", the use is identified with an "Alert Status". It is important to note that not all waters are assessed. Many small and/or unnamed rivers, lakes, and estuarine areas have never been assessed; the status of their designated uses has never been reported to the EPA in the Commonwealth's Summary of Water Quality Report (305(b) Report) nor is information on these waters maintained in the Assessment Database (ADB). These are considered **not assessed other waters**.

MassDEP typically provides details pertaining to the assessment process and its application to specific waterbodies in individual watershed summary reports that are completed on a continuous rotating schedule and can be viewed at http://www.mass.gov/dep/water/resources/wqassess.htm. Although the format of these reports continues to undergo revision, their purpose is to present, for each segment or "assessment unit" (AU) in the watershed, a determination with regard to whether or not individual designated uses are supported. These assessment summaries are a useful means for conveying what is known about the status of the water resources in each watershed and to make the assessment and listing process more transparent to the EPA and the public. As such, the assessment documentation is also considered a fundamental element of Massachusetts' submittal to the EPA under Section 305(b) of the CWA. Irrespective of how states choose to report on the status of their waters, however, the EPA encourages states to also store assessment decisions in an electronic database designed for that purpose. For earlier listing cycles, up to and including 2002, MassDEP stored assessments in EPA's Water Body System (WBS). For each segment in the WBS a use-support determination was made and, whenever possible, causes and sources of impairment were specified.

The EPA discontinued its support of the WBS after the 2002 listing cycle. Instead, the newly developed "Assessment Database" (ADB) was introduced as the preferred database application for tracking water quality assessment data, including use attainment, and causes and sources of impairment. The ADB was designed to improve the quality and consistency of water quality reporting, improve water quality data analysis, and reduce the burden of preparing reports under sections 305(b), 303(d), 314 and 319 of the Clean Water Act. With the submittal to the EPA of the Final 2010 Integrated List, MassDEP completed its transition from the use of the WBS to full implementation of the ADB.

It should be noted that the ADB and its precursor databases never contained a file for every surface water or segment thereof in Massachusetts. Rather, waters represented are only those for which assessments of one or more designated uses were actually completed at one time in the past. As assessments are carried out in new waters, these will be added to the ADB resulting in greater representation of Massachusetts' surface waters in future versions of the Integrated List. MassDEP acknowledges that with the new multi-part listing format, all surface waters could be categorized whether or not they have ever been assessed. However, the time and resources are currently not available to add all of the surface waters in Massachusetts to the ADB. Therefore, it is acknowledged that many of Massachusetts' surface waters that have never been assessed are missing from the 2012 Integrated List. By definition, however, they are all Category 3 waters.

DEVELOPMENT OF THE 2012 INTEGRATED LIST

The EPA's guidance for the development of the 2012 Integrated List was outlined in a memorandum, dated March 21, 2011, from Denise Keehner, Director of the EPA's Office of Wetlands, Oceans and Watersheds to the EPA regional Water Division directors. This guidance recommends that states prepare their 2012 Integrated List submissions consistent with previous EPA guidance such as that for 2006, 2008 and 2010. A summary of all EPA Section 303(d) program guidance can be found on-line at http://www.epa.gov/owow/tmdl/guidance.html.

The Final *Massachusetts Year 2010 Integrated List of Waters* was submitted to the EPA on December 30, 2010 and the 303(d) List was approved on November 16, 2011. The 2010 submittal, along with the EPA guidance described above, served as the basis for the development of the 2012 Integrated List. The MassDEP watershed assessments are continuously performed according to a rotating watershed schedule and existing and readily available data and information pertaining to each watershed are solicited from all potential sources at the outset of this process. Since the time the 2010 Integrated List was prepared, new assessments have been completed for the Blackstone, Boston Harbor (including Mystic, Neponset and Weymouth/Weir), Merrimack and Parker watersheds and the Cape Cod coastal drainage areas, and these assessments furnished the majority of new information in support of the 2012 listing decisions. A complete list of the MassDEP watershed assessment reports embodied in the 2012 categorization of waters can be found in the Bibliography.

List Categories 1 - 4

Integrated List categories 1-3 include those waters that are either unimpaired or not assessed with respect to their attainment of designated uses. Often insufficient data and information exist to assess all designated uses of any particular waterbody or segment. Furthermore, no Massachusetts waters are listed in Category 1 because a statewide Department of Public Health advisory pertaining to the consumption of fish precludes any waters from being in full support of the fish consumption use (see Fish Consumption Advisories later in this section). Waters listed in Category 2 were found to support the uses for which they were assessed, but other designated uses were not assessed. Furthermore, list Category 2 does not contain every waterbody or segment (i.e., assessment unit) for which one or more uses are supported. Many waters appearing in categories 4 and 5, while impaired for some uses (see below), are supporting other uses. Due to space constraints, however, supported uses are not presented for those impaired waters. Rather, individual watershed assessments should be consulted for a complete report on the support status of each designated use for every assessment unit.

Category 3 contains those waters for which insufficient or no information was available to assess any uses. Waters for which assessments were determined to be insufficient for 303(d) listing were also included in Category 3.

Waters exhibiting impairment for one or more uses are placed in either Category 4 (impaired, but not requiring TMDLs) or Category 5 (impaired, and requiring one or more TMDLs) according to the EPA guidance. Category 4 is further divided into three sub-categories – 4a, 4b and 4c – depending upon the reason that TMDLs are not needed. Category 4a includes waters for which the required TMDL(s) have already been completed and approved by the EPA. However, since MassDEP chooses to list each segment in only one category, waters that have an approved TMDL for some pollutants, but not others, remain in Category 5 until TMDLs are approved for all of the pollutants impairing those waters. The EPA tracks the states' progress with completing TMDLs in its Assessment and Total Maximum Daily Load (TMDL) Tracking and Implementation System (ATTAINS) which can be accessed at http://www.epa.gov/waters/ir. This system assigns a unique identification number to each approved TMDL which is included for reference in categories 4a and 5 of the 2012 List. All of the TMDLs approved by the EPA for Massachusetts' waters through October, 2012 are presented in the table below, and the individual TMDL documents can be found at http://www.mass.gov/dep/water/resources/tmdls.htm.

List of TMDLs Approved by the EPA for Massachusetts' Waters

EPA TMDL Number	TMDL Report Title	Approval Date
5, 6	Total Maximum Daily Loads of Phosphorus for Selected Connecticut Basin Lakes *(CN 112.0)*	April 12, 2002
175, 360, 361, 379	Total Maximum Daily Loads of Phosphorus for Selected Northern Blackstone Lakes *(CN 70.1)*	May 2, 2002
444	Total Maximum Daily Loads of Phosphorus for Lake Quinsigamond and Flint Pond *(CN 115.0)*	June 28, 2002
498, 550	Total Maximum Daily Loads of Phosphorus for Selected Northern Blackstone Lakes *(CN 70.1)*	May 2, 2002
644	Total Maximum Daily Loads of Phosphorus for Lake Quinsigamond and Flint Pond *(CN 115.0)*	June 28, 2002
651, 653	Total Maximum Daily Loads of Phosphorus for Selected Connecticut Basin Lakes *(CN 112.0)*	April 12, 2002
671	Total Maximum Daily Load of Phosphorus for Leesville Pond *(CN 117.0)*	June 28, 2002
675	Total Maximum Daily Loads of Phosphorus for Selected Connecticut Basin Lakes *(CN 112.0)*	April 12, 2002
722	Total Maximum Daily Loads of Phosphorus for Selected Chicopee Basin Lakes *(CN 118.0)*	April 12, 2002
726	Total Maximum Daily Loads of Phosphorus for Selected Connecticut Basin Lakes *(CN 112.0)*	April 12, 2002
804, 862, 938	Total Maximum Daily Loads of Phosphorus for Selected Northern Blackstone Lakes *(CN 70.1)*	May 2, 2002
1332	Total Maximum Daily Loads of Phosphorus for Selected Chicopee Basin Lakes *(CN 118.0)*	April 12, 2002
2319	Total Maximum Daily Loads of Phosphorus for Salisbury Pond *(CN 114.0)*	June 28, 2002
2323	Total Maximum Daily Loads of Phosphorus for Indian Lake *(CN 116.0)*	June 28, 2002
2353	Total Maximum Daily Loads of Phosphorus for Lake Boon *(CN 119.0)*	June 28, 2002
2354-2371, 2373-2375	Total Maximum Daily Loads of Phosphorus for Selected French Basin Lakes *(CN 110.0)*	July 12, 2002
2377, 2382, 2385, 2389-2392	Total Maximum Daily Loads of Phosphorus for Selected Northern Blackstone Lakes *(CN 70.1)*	May 2, 2002
2586	Total Maximum Daily Loads of Bacteria for Little Harbor *(CN 120.0)*	September 12, 2002
2587	Total Maximum Daily Loads of Bacteria for the Shawsheen River Basin *(CN 122.0)*	September 12, 2002
2592	Total Maximum Daily Loads of Bacteria for Neponset River Basin *(CN 121.0)*	June 21, 2002
2615	Bare Hill Pond, Harvard, MA. (MA81007) TMDL *(CN 14.0)*	November 2, 1999
3626, 3629-3631, 3633	Total Maximum Daily Loads of Phosphorus for Selected Chicopee Basin Lakes *(CN 118.0)*	April 12, 2002
4115, 4117, 4118, 4123-4125, 4127, 4128, 4133, 4134, 4136, 4137, 4140, 4141, 4144, 4145	Total Maximum Daily Loads of Phosphorus for Selected Millers Basin Lakes *(CN 123.2)*	February 5, 2003
22512	Bacteria TMDL for Muddy Creek, Chatham and Harwich, Massachusetts. *(CN 208.0)*	April 28, 2005
22513	Bacteria Total Maximum Daily Load for Frost Fish Creek, Chatham, Massachusetts. *(CN 207.0)*	April 28, 2005
30341	Pleasant Bay System Total Maximum Daily Loads for Total Nitrogen *(CN 244.0)*	October 24, 2007
30702	Bacteria TMDL for Kickamuit River. *(CN 285.0)*	September 29, 2006
32364-32366, 32370-32374, 32376, 32377, 32379-32383	Total Maximum Daily Loads for Pathogens within the Charles River Watershed *(CN 156.0)*	May 22, 2007
32532, 32534, 32535, 32537, 32638	Great, Green and Bournes Pond Embayment Systems Total Maximum Daily Loads for Total Nitrogen *(CN 181.0)*	July 18, 2007
33780, 33781, 33786-33799	Pleasant Bay System Total Maximum Daily Loads for Total Nitrogen *(CN 244.0)*	October 24, 2007
33811-33815	Nitrogen TMDL Report for the Quashnet River, Hamblin Pond, Little River, Jehu Pond, and Great River in the Waquoit Bay System *(CN 218.0)*	November 7, 2007

33826	Total Maximum Daily Load for Nutrients in the Lower Charles River Basin, Massachusetts *(CN 301.0)*	October 17, 2007
33846	Total Maximum Daily Loads of Total Phosphorus for Quaboag & Quacumquasit Ponds *(CN 216.1)*	November 28, 2007
33858	Centerville River – East Bay System Total Maximum Daily Loads for Total Nitrogen *(CN 248.0)*	December 18, 2007
33880	Northeast Regional Mercury Total Maximum Daily Load *(MassDEP CN 376.0)*	December 20, 2007
33965-33969	Popponesset Bay Total Maximum Daily Loads for Total Nitrogen *(CN 217.0)*	January 22, 2008
33988-33993	Three Bays System Total Maximum Daily Loads for Total Nitrogen *(CN 242.0)*	February 13, 2008
34009	Little Pond Embayment System Total Maximum Daily Loads for Total Nitrogen *(CN 246.0)*	March 3, 2008
34284, 34328, 34331, 34332	West Falmouth Harbor Embayment System Total Maximum Daily Loads for Total Nitrogen *(CN 243.0)*	May 5, 2008
34345	Oyster Pond Embayment System Total Maximum Daily Loads for Total Nitrogen *(CN 245.0)*	May 5, 2008
34917, 34918	West Falmouth Harbor Embayment System Total Maximum Daily Loads for Total Nitrogen *(CN 243.0)*	May 5, 2008
35069	Phinneys Harbor Embayment System Total Maximum Daily Loads for Total Nitrogen *(CN 247.0)*	February 5, 2008
35085-35088, 35096, 35097	Bacteria TMDL for the Palmer River Basin *(CN 182.0)*	September 22, 2004
35103-35109	Assabet River Total Maximum Daily Load for Total Phosphorus *(CN 201.0)*	September 23, 2004
36011, 36012	Nantucket Harbor Embayment System Total Maximum Daily Loads for Total Nitrogen *(CN 249.0)*	May 12, 2009
36170-36172	Pathogen Total Maximum Daily Load for the Buzzards Bay Watershed *(CN 251.1)*	May 15, 2009
36219-36222, 36228-36231	Stage Harbor/Oyster Pond, Sulphur Springs/Bucks Creek, Taylors Pond/Mill Creek Total Maximum Daily Load Re-evaluations for Total Nitrogen *(CN 206.1)*	June 22, 2009
36582-36585	Pathogen Total Maximum Daily Load for the Three Bays Watershed, Barnstable, MA *(CN 309.0)*	August 28, 2009
36771-36772	Pathogen Total Maximum Daily Load for the Cape Cod Watershed *(CN 252.0)*	August 28, 2009
38912, 38914	Final Total Maximum Daily Load for Phosphorus for White Island Pond, Plymouth/Wareham, MA. *(CN 330.2)*	July 20, 2010
38903-38909	Final Pathogen TMDL for the Narragansett/Mt. Hope Bay Watershed *(CN 351.0)*	July 21, 2010
40307-40310	Final Pathogen TMDL for the Taunton River Watershed *(CN 256.0)*	June 16, 2011
40317-40319	Total Maximum Daily Load for Nutrients in the Upper/Middle Charles River, Massachusetts. *(CN 272.0)*	June 10, 2011
42353-42369	Addendum: Final Pathogen TMDL for the Cape Cod Watershed. *(CN 252.5.)*	August 28, 2012
42392-42411	Northeast Regional Mercury Total Maximum Daily Load Addendum for Massachusetts. *(CN 377.0.)*	September 20, 2012

Category 4b was proposed by the EPA to list waters for which other pollution control requirements are expected to attain all designated uses through pollution control measures other than TMDLs. Massachusetts' attempt to use this category in 2004 to list lakes and ponds impaired solely by mercury deriving from atmospheric deposition was disapproved by the EPA (see Fish Consumption Advisories later in this section). Massachusetts is not including any waters in Category 4b for the 2012 listing cycle.

The CWA distinguishes between "pollutants" such as nutrients, metals, pesticides, solids and pathogens that all require TMDLs and "pollution" such as low flow, habitat alterations or non-native species infestations that do not require TMDLs. Non-pollutant stressors are marked with an asterisk in the Integrated List to distinguish them from pollutants requiring TMDLs. Waterbodies impaired solely by "pollution" were included in Category 4c unless there are also TMDLs approved for them, in which case they appear in Category 4a.

When developing TMDLs and pollution control strategies it is often more efficient to focus limited resources collectively on waters that exhibit the same types of impairments. For example, the Northeast Regional Mercury TMDL (see Waters Impaired by Mercury) establishes the mercury reduction goal and management

strategy for multiple waterbodies throughout New England that are impaired by the atmospheric deposition of mercury. In addition, MassDEP has worked collaboratively with the EPA to derive "bundled" TMDLs and cleanup plans at the watershed scale for waters impaired by bacteria. These area-wide TMDLs were designed such that additional waters, found to be similarly impaired subsequent to the approval of the TMDLs, could, if applicable, be proposed for coverage under those TMDLs. To that end, MassDEP identified, as part of its new watershed assessments, 20 mercury and 21 bacteria impairments that could be corrected through the application of existing approved TMDLs. These impairments were identified for such coverage in the Proposed 2012 Integrated List and included in supplements to the original TMDL documents that were also noticed for public review and comment and submitted to the EPA for final approval. The EPA subsequently approved these TMDLs and this is reflected in the Final 2012 Integrated List.

List Category 5 – The 303(d) List of Impaired Waters

While the EPA guidance provides the overall framework for a five-part list of waters, the development, submittal, and review of Category 5 remains subject to the prevailing regulation governing the implementation of Section 303(d) of the CWA. This regulation requires states to identify and list those waterbodies that are not expected to meet surface water quality standards after the implementation of technology-based controls and, as such, require the development of TMDLs. States must include on the lists the specific cause(s) of the impairment (if known). Finally, guidance pertaining to Section 303(d) is clear with respect to the removal of waterbodies from the list. Waterbodies or applicable segments thereof can be removed when a TMDL is approved by the EPA for that waterbody or segment (note that these waters are now listed in Category 4a until it is determined that they are no longer impaired). In addition, there are some instances when a previously listed waterbody can be removed from the 303(d) List without calculating a TMDL. These are: 1) when a new assessment reveals that the waterbody is now meeting all applicable water quality standards or is expected to meet those standards in a reasonable timeframe as the result of implementation of required pollution controls; and 2) when, upon re-examination, the original basis for listing is determined to be flawed.

In preparing 303(d) lists States are required to assemble and evaluate all existing and readily available data, including but not limited to the most recent 305(b) report and 319 nonpoint source assessment report, dilution calculations or predictive simulation models, and reports by government agencies, members of the public, or academic institutions. When conducting individual watershed assessments the MassDEP relies on these and additional information sources as described earlier in this document. The development of the 2012 Category 5 (i.e., 303d) list began with a review of Category 5 waters contained in the 2010 List as well as the new watershed assessments completed since the 2010 list was published. Previously unlisted waterbodies that were determined to be impaired for one or more uses because of pollutants (see below) were added to the 2012 303(d) list. Waters listed in Category 5 on the 2010 303(d) List, for which no new assessments were made, were retained in Category 5 of the 2012 Integrated List.

Waters were listed in Category 5 if they were identified as impaired (i.e., not supporting one or more intended use), the impairment was related to the presence of one or more "pollutants", and the source of those pollutants was not considered to be natural. In most instances, finding an impaired waterbody during the watershed assessment process led directly to its assignment to Category 5. Nonetheless, some differences do exist between the 305(b) assessments and the 303(d) list. For example, segments for which incomplete or anecdotal information suggests the possibility of use impairment are assigned "alert status" during the watershed assessment process so that they may be targeted for monitoring and follow-up assessments during the next round of the watershed cycle. However, these segments are not listed as impaired on the 303(d) list because the MassDEP believes there is insufficient data to support listing decisions.

Biological Assessments

When determining the extent to which waterbodies are supporting aquatic life, as designated in the Water Quality Standards, the MassDEP often relies on the results of biological surveys, with or without supplemental physico-chemical analyses. Macroinvertebrate, fish and periphyton (i.e., attached algae) communities, often in combination, are typically used for making this assessment. While these community

assessments are invaluable for determining use impairment, they often do not provide insight pertaining to the cause or source of the apparent disturbance and, therefore, may not implicate "pollution" or "pollutants" as contributing factors. Nonetheless, the EPA guidance is clear with regard to the use of biological assessments for listing in Category 5 and, in most instances, the MassDEP lists those waters that exhibit impaired aquatic communities.

The MassDEP prefers to make aquatic life use determinations based on an assessment of more than one community, and waters exhibiting impaired fish and invertebrate communities, for example, are strong candidates for listing in Category 5. Nonetheless, an assessment based on a single community may also result in a decision that the aquatic life use is not supported. This depends, in part, on whether the assessment relies on a screening level of effort or a more intensive analysis. For example, the EPA Rapid Biomonitoring Protocol (RBP) II is a screening-level investigation that relies on family-level macroinvertebrate community data to place a given site in one of three impairment categories. Determinations of "no impairment" or "severe impairment" with the RBP II are generally considered definitive and waters in the latter category are included on the 303(d) List. However, RBP II assessments of many waterbodies fall between these extremes into a "moderately impaired" category that encompasses a wide range in the degree of impairment exhibited by the macroinvertebrate community. In these instances, the MassDEP relies on the RBP III assessment to provide a finer level of resolution to the analysis. The RBPIII entails taxonomic identification to the genus and species level and adds a fourth impairment category (i.e., "slightly impaired"). The MassDEP has established the RBP III analysis as a minimum requirement for purposes of listing waters in Category 5 unless the RBP II assessment is definitive as discussed above, or unless the review of information on the condition of additional communities, such as fish or benthic algae, results in a conclusive assessment.

Fish Consumption Advisories

The EPA provides guidance pertaining to the use of fish and shellfish consumption advisories when making 303(d)-listing decisions. In short, the EPA considers a fish-consumption advisory as evidence that the fish consumption use is not supported when the advisory is based on actual fish tissue data and those data are collected from the specific waterbody in question. To date, the Massachusetts Department of Public Health (DPH) has issued advisories pertaining to the presence of mercury, PCBs, PAHs, DDT and other contaminants in freshwater fish. A list of DPH site-specific fish consumption advisories can be found at http://www.mass.gov/eohhs/docs/dph/environmental/exposure/fish-consumption-advisory-list.pdf. Waters subject to site-specific advisories, based on actual fish tissue analyses from those waters, are included on the 303(d) list. In 1994, the DPH issued a statewide consumption advisory due to widespread mercury contamination found in freshwater fish. This advisory was further revised in 2001. Because the statewide advisory encompasses all fresh waters, these waters cannot be considered as "fully supporting" the fish consumption use.

Waters Impaired by Mercury

Waters covered by the DPH statewide advisory, as well as site-specific mercury advisories, may be impaired by local sources of mercury or by atmospheric deposition from near- and far-field sources, or both. Massachusetts, along with other northeastern states, has taken a lead role in reducing mercury pollution despite the inherent complexity of the problem. For a comprehensive summary of Massachusetts' experience with assessing and managing mercury contamination within the context of similar efforts at regional, federal and international levels, see Harvey and Smith (2004).

In 2004 the MassDEP noticed for public review and comment a document entitled *A TMDL Alternative Regulatory Pathway Proposal for the Management of Selected Mercury-Impaired Waters (CN 176.0).* This proposal, prepared as a supplement to the *Massachusetts Year 2004 Integrated List of Waters*, asserted that a combination of federal, regional and state controls on mercury was the most effective means of remediating the mercury impairment to air-impacted waters and that Massachusetts was effectively implementing a comprehensive plan to address in-state mercury sources. Therefore, the establishment of waterbody-specific TMDLs using the traditional approach was not considered to be a wise use of resources, and would not effectively address the problem. Thus, 90 lakes and ponds impaired solely by the atmospheric deposition of mercury were removed from Category 5 (i.e., the 303d List) and

placed in Category 4b (i.e., impaired, but not requiring a TMDL) of the *Massachusetts Year 2004 Integrated List of Waters*. In June, 2006 the EPA partially approved and partially disapproved the Massachusetts 2004 303(d) List of Impaired Waters (i.e., Category 5 of the Integrated List of Waters). Specifically, the EPA disapproved Massachusetts' decision not to list the lakes and ponds impaired by atmospheric deposition as outlined in the alternative pathway document. In their review document the EPA indicated their intent, following public review and comment, to add the 90 lakes and ponds to the Massachusetts 303(d) list as impaired by mercury. As a result, the use of Category 4b was discontinued and all waters for which site-specific mercury health advisories were in force appeared in Category 5 of the Massachusetts Year 2006 Integrated List of Waters.

With the return to the 303(d) List of the lakes and ponds impaired solely by the atmospheric deposition of mercury, MassDEP embarked on a collaborative effort with the five other New England states, New York and the New England Interstate Water Pollution Control Commission to develop a regional TMDL for mercury. This effort resulted in a strategy for reducing mercury concentrations in fish from Northeast waterbodies so that water quality standards can be met. The strategy calls for mercury reductions at sources within the Northeast region, in states outside of the region and from outside of the United States. In the Northeast, the majority of mercury pollution derives from atmospheric deposition. Therefore, the regional TMDL is based primarily on reducing atmospheric mercury by lowering anthropogenic mercury emissions. The *Northeast Regional Mercury Total Maximum Daily Load* can be accessed at http://mass.gov/dep/water/resources/tmdls.htm#multis. Following a public information meeting on April 11, 2007 and subsequent 60-day public review period, the regional mercury TMDL was submitted to the EPA on October 24, 2007. The EPA approved the TMDL on December 20, 2007, and the affected lakes and ponds were moved to Category 4a (i.e., "waterbody impaired, but requisite TMDL is completed and approved") of the 2008 and subsequent lists unless they exhibited additional impairments. Waters for which DPH mercury advisories have been issued since the TMDL approval date are considered case-by-case for coverage under the Northeast Regional Mercury TMDL.

Predictive Models and Evaluated Information

The EPA guidelines specify the kinds of data and information that should be used when making decisions to list waters in Category 5, and this information is not restricted to direct observations (i.e., monitoring data). Rather, waters should be included in Category 5 if evaluations such as dilution calculations or predictive simulation models forecast non-attainment of water quality standards. During the 1970s and 1980s the MassDEP used steady-state, low-flow stream models to calculate waste load allocations (WLA) for point discharges. Aimed primarily at reducing instream biochemical oxygen demand (BOD) and ammonia loads, the WLA were adopted in 303(e) basin plans and incorporated in individual NPDES wastewater discharge permits. As a result, advanced secondary or advanced waste treatment were implemented where necessary across Massachusetts, although occasional reviews are still needed to assess the adequacy of existing treatment in light of anticipated increases in wastewater flows. Because of the complex and site-specific nature of remaining water quality problems (e.g., nutrients, toxicants, etc.) predictive models have limited value in identifying impaired waters. In fact most modeling is now carried out for waters where impairments have already been confirmed by actual water quality or biomonitoring data. Nonetheless, predictive models continue to be utilized in combination with actual field data to fully assess water quality conditions and to derive acceptable pollutant loadings from point and nonpoint sources. Model results are considered in the 303(d) listing process in cases where those models forecast unconfirmed water quality problems. For example, when making assessment and listing decisions waters subjected to combined sewer overflows (CSO) are projected to violate standards even though confirmatory field data may be unavailable.

Shared Waters

The EPA encourages states with shared waterbodies to collaborate with one another in the development of their Integrated Lists in an attempt to make assessments for those waters as consistent as possible. Many factors can contribute to discrepancies in the use attainment determinations rendered by neighboring states for the same waters. States may vary with respect to the specific goals set forth for those waters in their respective SWQS. Furthermore, differing Assessment and Listing Methodologies, or even asynchronous rotating watershed assessment schedules may lead to assessment and listing inconsistencies between states. Prior to making individual watershed assessments the MassDEP attempts to gather all existing and

readily available data and information from as many sources as possible. This includes reviewing the most recent 305(b) reports and other applicable data and information from adjacent states. Nonetheless, discrepancies often do exist for the reasons cited above.

Prioritizing Waters for TMDL Development

A key component of the 303(d) listing process is establishing timelines for TMDL development. It is recommended in EPA guidance "that States develop a schedule for establishing TMDLs as expeditiously as practicable." More specifically, states must identify which TMDLs will be developed in each of the two years leading up to the next listing (i.e., 2014), and the approximate number of TMDLs to be derived for each year thereafter. Furthermore, "States need not specifically identify each TMDL as high, medium or low priority. Instead the schedule itself can reflect the State's priority ranking." The TMDL schedule is intended to communicate the State's priorities to the public and the EPA and to assist with the allocation of resources to the TMDL development effort. As such the schedule is not subject to approval by the EPA. Details pertaining to the current strategy and rationale for deriving TMDLs are found under "Restore Degraded Water Quality" in the Surface and Groundwater Section of MassDEP's FY2012 Environmental Progress Report (see http://www.mass.gov/dep/water/priorities/sggwhome.htm). This report presents the status of ongoing TMDL projects, along with a detailed summary of TMDL efforts planned for 2012-2013. Also included is an explanation of how the water pollution problems identified on the 303(d) List were categorized and prioritized for TMDL development. For example, listed waters, or segments thereof, were grouped according to the magnitude of their water quality problems, and the complexity of the methods used to derive congruent TMDLs, in order to most efficiently utilize existing resources to maximum benefit for water quality.

The MassDEP evaluates the causes and locations of impairments across the state using the most recent version of the 303(d) List of Impaired Waters to set priorities for the development of TMDLs. A review of recent 303(d) List submittals will reveal that the major causes of surface water impairment in Massachusetts are ***pathogens*** and ***excess nutrients***. Therefore, the MassDEP continues to place a high priority on developing TMDLs for these pollutants, and this is implicit in the TMDL schedule.

During 2006, MassDEP worked closely with EPA Region 1 to develop "bundled" bacteria clean up plans for all 27 of Massachusetts' watersheds. Although the goal was to complete half those TMDLs in each of 2006 and 2007, they were delayed because of a court decision in Washington, DC (on an unrelated project) that necessitated a major revision to the original approach. During 2007, MassDEP received the EPA's approval of the first watershed-wide bacteria TMDL for 20 segments in the Charles River Watershed (CN 156.0). In 2009, MassDEP received EPA approval of three pathogen TMDL documents: CN 251.1 Buzzards Bay (52 segments), CN 252.0 Cape Cod (49 segments) and CN 309.0 Three Bays, Barnstable (4 segments). In 2010 MassDEP received approval for the Mount Hope/Narragansett Bay pathogen TMDL (CN 351; 7 segments). Finally, MassDEP received approval for the Taunton River pathogen TMDL (20 segments) on June 16, 2011. The North Coastal Pathogen TMDL, which will address a total of 43 segments, is in the process of being submitted to EPA for final approval in early 2012. The plan for FY2012 is to continue to revise and complete these TMDLs for the watersheds in the eastern half of the state, as resources allow. The Pathogen TMDLs for the watersheds in the western half of the state (approximately 85 segments) will be targeted for completion in future years. At completion, these plans will address more than 400 water bodies currently impaired due to bacterial contamination.

MassDEP also put significant effort over the past five years into developing nutrient TMDLs. For example, MassDEP worked closely with EPA Region 1 to develop nutrient TMDLs for the Assabet River and Lower Charles Basin. In addition, a nutrient TMDL for the Upper/Middle Charles River was approved by the EPA on June 10, 2011. Once again, this TMDL approval is not reflected in the *Proposed* Integrated List for 2012, but will be included in the *Final* version of the Integrated List. MassDEP has also been involved in data collection efforts and/or TMDL or modeling efforts associated with the Nashua River, Blackstone River and those watersheds contributing to Long Island Sound. Finally, through a partnership with the UMASS-Dartmouth School of Marine Science and Technology (SMAST) MassDEP continues to assess and derive TMDLs for nutrient-impaired waters in Southeastern Massachusetts. To date, this effort, referred to as the Massachusetts Estuaries Program (MEP), has resulted in the development of 66 nitrogen TMDLs for waters in the Buzzards Bay and Cape Cod drainage systems and technical

evaluations have been completed in another 20 embayment systems. (See information pertaining to the Massachusetts Estuaries Project at http://mass.gov/dep/water/resources/coastalr.htm.)

During FY2012 – FY2013 MassDEP plans to conduct the TMDL-related work presented in the table below. Since many of these projects carry over from year to year, detailed schedules for beyond FY2013 cannot be developed at this time. Most of the work is targeted at nutrients and bacteria that are the primary causes of impairments in Massachusetts. It should be noted that the ability to finalize TMDL documents is highly dependent upon both internal and external activities including continued funding. For example, subject to the availability of annual state funding, participation in the MEP will be continued as part of the coastal waters nutrient related efforts to develop nitrogen criteria and TMDLs for coastal waters. The project plans estimate that TMDLs for an additional 12 embayments will be developed each year.

Proposed TMDL schedule for FY2012-13[4]

Waterbody	Pollutant(s)	Draft TMDL	Final TMDL
Pathogen TMDLs for Eastern Massachusetts Watersheds			
North Coastal	Bacteria	Completed	Q1 - 2012[1]
South Coastal	Bacteria	Completed	--[2]
Ipswich	Bacteria	Completed	--[2]
Merrimack	Bacteria	Completed	--[2]
Islands	Bacteria	Completed	--[2]
Parker	Bacteria	Completed	--[2]
Boston Harbor	Bacteria	Completed	--[2]
Nashua	Bacteria	Completed	--[2]
Ten Mile	Bacteria	Completed	--[2]
French	Bacteria	Completed	--[2]
Quinebaug	Bacteria	Completed	--[2]
Blackstone	Bacteria	Completed	--[2]
SuAsCo	Bacteria	Completed	--[2]
Massachusetts Estuaries Project (MEP)			
Rock Harbor	Nutrients	On hold[6]	On hold[6]
Lewis Bay	Nutrients	Completed	Q1 - 2012[1]
Slocums River & Little River	Nutrients	Q3 - 2012[1,5]	Q4 - 2012[1,5]
Wareham River	Nutrients	Q3 - 2012[1,5]	Q4 - 2012[1,5]
Acushnet/Inner New Bedford Hbr	Nutrients	Q3 - 2012[1,5]	Q4 - 2012[1,5]
Nauset Marsh	Nutrients	Q3 - 2012[1,3]	Q4 - 2012[1,3]
Saquatucket Harbor	Nutrients	Completed	On hold[7]
Allen Harbor	Nutrients	Completed	On hold[7]
Wychmere Harbor	Nutrients	Completed	On hold[7]
Herring River	Nutrients	Q4 - 2012[1]	Q1 - 2013[1]
Parkers River	Nutrients	Q1 - 2012[1]	Q2 - 2012[1]
Sengekontacket/ Trapps Pond	Nutrients	Q1 - 2012[1]	Q3 - 2012[1]
Madaget Harbor	Nutrients	Q4 - 2011[1]	Q2 - 2012[1]
Long Pond, Nantucket	Nutrients	Q4 - 2011[1]	Q2 - 2012[1]
Bass River	Nutrients	Q1 - 2012[1]	Q3 - 2012[1]
Lagoon Pond	Nutrients	Q1 - 2012[1]	Q3 - 2012[1]
Rands Harbor	Nutrients	Q3- 2012[1]	Q1 - 2013[1]
Fiddlers Cove	Nutrients	Q3 - 2012[1]	Q1 - 2013[1]
Waquoit Bay	Nutrients	Q3 - 2012[1]	Q1 - 2013[1]
Eel Pond (Falmouth)	Nutrients	Q3 - 2012[1]	Q1 - 2013[1]
Westport Rivers	Nutrients	Q3 - 2012[1]	Q1 - 2013[1]
Quissett Harbor	Nutrients	Q4 - 2012[1]	Q1 - 2013[1]
Wild Harbor	Nutrients	Q4 - 2012[1]	Q1 - 2013[1]
Falmouth Inner Harbor	Nutrients	Q4 - 2012[1]	Q1 - 2013[1]
Swan Pond	Nutrients	Q4 - 2012[1]	Q1 - 2013[1]
Wellfleet Harbor	Nutrients	Q3 - 2012[1]	Q4 - 2012[1]
Pocasset Harbor	Nutrients	Q3 - 2011[1]	Q1 - 2012[1]
Nasketucket/Little Bay	Nutrients	Q1 - 2013[1]	Q2 - 2013[1]
Sesuit Harbor	Nutrients	Q1 - 2013[1]	Q2 - 2013[1]

Megansett/Squeteague Harbor	Nutrients	Q1 - 2013[1]	Q2 - 2013[1]
Pocasset River	Nutrients	Q1 - 2013[1]	Q2 - 2013[1]
Sandwich Harbor	Nutrients	Q2 - 2013[1]	Q3 - 2013[1]
Apponagansett Bay	Nutrients	Q2 - 2013[1]	Q3 - 2013[1]
Lake Tashmoo	Nutrients	Q2 - 2013[1]	Q3 - 2013[1]
Scorton Creek	Nutrients	Q3 - 2013[1]	Q4 - 2013[1]
Chilmark Pond	Nutrients	Q3 - 2013[1]	Q4 - 2013[1]
Tisbury Great Pond	Nutrients	Q3 - 2013[1]	Q4 - 2013[1]
Barnstable Great Marshes	Nutrients	Q4 - 2013[1]	Q1 - 2014[1]
James Pond, W. Tisbury	Nutrients	Q4 - 2013[1]	Q1 - 2014[1]
Salt Pond, Falmouth	Nutrients	Q4 - 2013[1]	Q1 - 2014[1]
Plymouth/Duxbury Harbor	Nutrients	Q2 - 2013[1,8]	Q4 - 2013[1,8]
Ellisville Harbor	Nutrients	Q2 - 2013[1,8]	Q4 - 2013[1,8]
Additional TMDL			
Nashua River	Phosphorus	Completed	Q1 - 2013[1]

Notes for preceding table:
[1] Federal Fiscal Year Quarters (Q1: October-December; Q2: January-March; Q3: April-June; Q4: July-September)
[2] Subject to the availability of resources
[3] Impairment may be naturally occurring and the need for a TMDL needs to be determined.
[4] This table reflects the TMDL schedule as of September, 2011. For the latest schedule see http://www.mass.gov/dep/water/priorities/sggwhome.htm
[5] Will depend on additional funding to redo modeling
[6] Will depend on additional funding to incorporate Cedar Pond
[7] Awaiting completion of Herring River
[8] Schedule for Draft and Final Technical Report

While major emphasis will continue to be placed on deriving watershed-wide bacteria TMDLs and nutrient TMDLs required for the MEP, MassDEP will also continue to focus efforts on several other TMDL-related projects in FY2012 – FY2013. Some of these projects entail actual TMDL development, whereas others involve the implementation of approved TMDLs. Ongoing projects receiving high priority are listed in the table below and described in greater detail in the Environmental Progress Report cited earlier.

Ongoing TMDL-related projects receiving high priority for FY2012-13

Waterbody	Pollutant/Issue
Connecticut River	Nitrogen loadings to Long Island Sound
Blackstone River	Review UBWPAD water quality model to assess utility for nutrient TMDL development; collect additional data for calibration
Southeastern Mass.	TMDLs for cranberry impacted lakes
Assabet River	Feasibility of Sediment/Dam removal for nutrient reduction
Assabet River	Duckweed and water quality surveys to evaluate TMDL implementation

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Category 1 Waters
"Waters attaining all designated uses"

Massachusetts is currently listing no waters in this category due to the issuance by the Massachusetts Department of Public Health of a state-wide health advisory pertaining to the consumption of finfish. This advisory precludes any waters from being in full support of the fish consumption use. More information pertaining to fish consumption advisories and the assessment of the fish consumption use can be found under "Development of the 2012 Integrated List" earlier in this report.

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Massachusetts Category 2 Waters
"Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	USES ATTAINED*				
					Aesthetic	Fish, other Aquatic Life and Wildlife	Primary Contact Recreation	Secondary Contact Recreation	Shellfish Harvesting
Blackstone									
Center Brook	MA51-34	Outlet Mill Pond, Upton to confluence with West River, Upton.	2.8	MILES	X	X			
Emerson Brook	MA51-29	Headwaters, outlet Lee Pond, Uxbridge to confluence with the Blackstone River, Uxbridge.	1.9	MILES	X	X			
Greene Brook	MA51-30	Headwaters, north of Linden Street, Douglas to confluence with Chockalog River, Douglas.	1.6	MILES	X				
Kettle Brook	MA51-19	Outlet Kettle Brook Reservoir #4, Paxton, to inlet of Kettle Brook Reservoir #1, Leicester. (excluding Kettle Brook Reservoir #3 segment MA51081 and Kettle Brook Reservoir #2 segment MA51080)	1.9	MILES	X	X	X	X	
Laurel Brook	MA51-23	Headwaters, north of Yew Street, Douglas to confluence with Scadden Brook near the outlet of Sawmill Pond, Uxbridge (through Bazely Pond formerly segment MA51008).	3.3	MILES	X	X			
Miscoe Brook	MA51-21	Headwaters, south of Route 90, Grafton to inlet Silver Lake, Grafton (through Cider Millpond formerly segment MA51019).	1.9	MILES	X	X			
Miscoe Brook	MA51-37	Perennial portion from the Mendon/Upton/Northbridge corporate boundaries to the confluence with Taft Pond Brook, Northbridge/Upton	0.7	MILES	X	X			
Mumford River	MA51-13	Headwaters, outlet Tuckers Pond, Sutton to Douglas WWTP discharge, Douglas.	4.3	MILES	X	X	X	X	
Scadden Brook	MA51-24	Headwaters, north of Davis Street, Douglas to inlet Lee Pond, Uxbridge (through Lee Reservoir formerly segment MA51086).	2.4	MILES	X	X			
Spring Brook	MA51-25	Headwaters, north of Lovell Street, Mendon to confluence with Muddy Brook, Mendon.	1.9	MILES	X	X			
Taft Pond Brook	MA51-26	Headwaters, outlet Taft Pond, Upton to confluence with West River, Northbridge.	1.2	MILES	X				
Tinkerville Brook	MA51-22	Perennial portion only, north of Walnut Street, Douglas to state line Douglas, MA/Burrillville, RI.	2.3	MILES	X	X			
Buzzards Bay									
Aucoot Cove	MA95-09	From the boundary of Division of Marine Fisheries designated shellfishing growing area BB31.1, north and southwest from Haskell Island, Marion to the mouth at Buzzards Bay demarcated by a line drawn between Converse Point, Marion and Joes Point, Mattapoisett.	0.461	SQUARE MILES			X	X	X
Barrett Pond	MA95004	Carver	11.303	ACRES			X	X	
Charge Pond	MA95025	Plymouth	16.431	ACRES			X	X	
College Pond	MA95030	Plymouth	46.758	ACRES			X	X	
Curlew Pond	MA95034	Plymouth	42.591	ACRES			X	X	

* Attained uses denoted by "X"

Massachusetts Category 2 Waters
"Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	USES ATTAINED*				
					Aesthetic	Fish, other Aquatic Life and Wildlife	Primary Contact Recreation	Secondary Contact Recreation	Shellfish Harvesting
Fearing Pond	MA95054	Plymouth	22.509	ACRES			X	X	
Glen Charlie Pond	MA95061	Wareham	156.611	ACRES			X	X	
Megansett Harbor	MA95-19	From the outlet of Squeteague Harbor, Falmouth to Buzzards Bay at a line from the western tip of Scraggy Neck, Bourne south to the tip of Nyes Neck, Falmouth.	1.461	SQUARE MILES			X	X	X
New Long Pond	MA95112	Plymouth	20.977	ACRES	X	X			
Queen Sewell Pond	MA95180	Bourne (previously reported with PALIS # 96253).	17.614	ACRES			X	X	
Vaughn Pond	MA95153	Carver	19.629	ACRES			X	X	
Weweantic River	MA95-04	Outlet of small, unnamed pond at the confluence of Rocky Meadow Brook and South Meadow Brook, Carver to the inlet of Horseshoe Pond, Wareham.	11.322	MILES	X				
Cape Cod									
Bassing Harbor	MA96-48	Excluding Crows Pond and Ryder Cove, Chatham.	0.13	SQUARE MILES			X	X	X
Centerville Harbor	MA96-03	From an imaginary line that extends from Dowses Beach, Barnstable to Hyannis Point including all waters north to the shore, Barnstable.	1.46	SQUARE MILES		X	X	X	X
Chatham Harbor	MA96-10	Harbor, bounded on the east by the Cape Cod National Seashore, with the northern extent as an imaginary line drawn northeast from northern tip of Strong Island to a point on the inner Cape Cod National Seashore and the western extent as an imaginary line drawn from the southern tip of Strong Island south to Allen Point including the waters south to an imaginary line along the northern edge of the South Beach Bar extending from Chatham Lighthouse to the inlet created by the 1987 storm, Chatham (area associated with Cape Cod National Seashore designated as ORW).	2.85	SQUARE MILES		X	X	X	X
Crows Pond	MA96-47	To Bassing Harbor, Chatham.	0.19	SQUARE MILES		X	X	X	X
Falmouth Inner Harbor	MA96-17	Waters included north of Falmouth Inner Harbor Light, Falmouth.	0.05	SQUARE MILES					X
Hinckleys Pond	MA96140	Harwich	164	ACRES	X	X		X	
Mashpee River	MA96-89	Headwaters, outlet Mashpee Pond, Mashpee to Quinaquisset Avenue, Mashpee.	2.7	MILES		X			
Nauset Harbor	MA96-28	The waters south of an imaginary line drawn east from Woods Cove, Orleans around the southern point of Stony Island, around the southern end of the unnamed island in the harbor, to the Cape Cod National Seashore point, excluding Mill Pond, Orleans (area associated with Cape Cod National Seashore designated as ORW).	0.41	SQUARE MILES			X	X	X

* Attained uses denoted by "X"

Massachusetts Category 2 Waters
"Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	USES ATTAINED*				
					Aesthetic	Fish, other Aquatic Life and Wildlife	Primary Contact Recreation	Secondary Contact Recreation	Shellfish Harvesting
Quashnet River	MA96-90	Headwaters, outlet Johns Pond, Mashpee to just south of Route 28, Falmouth.	4.1	MILES		X			
Red Brook	MA96-25	From dam at Red Brook Road, Falmouth/Mashpee to Hamblin Pond, Falmouth/Mashpee.	0.01	SQUARE MILES			X	X	X
Santuit River	MA96-91	Headwaters, outlet Santuit Pond, Mashpee to confluence with tidal portion south of Old Mill Road, Mashpee.	1.6	MILES		X			
Upper Mill Pond	MA96324	Brewster	249	ACRES	X	X		X	
Wellfleet Harbor	MA96-34	The waters north of an imaginary line drawn east from the southern tip of Jeremy Point, Wellfleet to Sunken Meadow, Eastham excluding the estuaries of Herring River, Duck Creek, Blackfish Creek, and Fresh Brook, Wellfleet (area associated with Cape Cod National Seashore designated as ORW).	8.4	SQUARE MILES			X	X	X
Charles									
Chicken Brook	MA72-34	Source, outlet Waseeka Sanctuary Pond, Holliston to the confluence with the Charles River, Medway.	7.407	MILES	X	X	X	X	
Farm Pond	MA72039	Sherborn	125.03	ACRES	X				
Hammond Pond	MA72044	Newton	22.382	ACRES	X	X		X	
Hopping Brook	MA72-35	Source in Cedar Swamp, Holliston to the confluence with the Charles River, Bellingham/Medway.	4.863	MILES	X	X			
Jennings Pond	MA72053	Natick	7.428	ACRES	X				
Stony Brook	MA72-26	Headwaters, outlet Beaver Pond, Lincoln to inlet Stony Brook Reservoir, Waltham/Weston.	5.122	MILES	X	X	X	X	
Weld Pond	MA72131	Dedham	26.786	ACRES	X	X	X	X	
Chicopee									
Atherton Brook	MA36-30	Headwaters at confluence of Town Farm and Osgood Brooks, Shutesbury to mouth at Quabbin Reservoir, Pelham.	1.9	MILES	X	X			
Burnshirt River	MA36-37	Headwaters - Outlet Stone Bridge Pond, Templeton/Phillipston to confluence with Canesto Brook, Barre. (through Williamsville Pond formerly segment MA36167)	8.6	MILES	X				
Cadwell Creek	MA36-29	Headwaters east of Route 202 and northwest of Dodge Hill, Pelham to mouth at Quabbin Reservoir, Belchertown.	3.2	MILES	X	X			
Canesto Brook	MA36-36	Headwaters northwest of Hubbardston State Forest near Hubbardston/Templeton town line to confluence with Ware River, Barre.	7.3	MILES	X				
Chicopee River	MA36-23	Red Bridge Impoundment Dam, Wilbraham/Ludlow to Wilbraham Pumping Station (old WWTP), Wilbraham/Ludlow.	3.8	MILES	X	X	X	X	
Conant Brook Reservoir	MA36038	Monson	4	ACRES	X				

* Attained uses denoted by "X"

Massachusetts Category 2 Waters
"Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	USES ATTAINED*				
					Aesthetic	Fish, other Aquatic Life and Wildlife	Primary Contact Recreation	Secondary Contact Recreation	Shellfish Harvesting
Cooley Brook	MA36-38	From the outlet of Chicopee Reservoir, Chicopee to the confluence with the Chicopee River, Chicopee. (segment includes "braid" that confluences with the Chicopee River upstream of the mouth of Cooley Brook)	1.2	MILES	X	X	X	X	
Cranberry River	MA36-20	Source, outlet Cranberry Meadow Pond, Spencer to confluence with Sevenmile River, Spencer. (through Howe Pond formerly segment MA36073)	3.6	MILES	X	X	X	X	
Dunn Brook	MA36-19	From confluence with Forget-Me-Not Brook, East Brookfield/Brookfield to confluence with Quaboag River, Brookfield.	2.4	MILES	X		X	X	
East Branch Swift River	MA36-35	Headwaters at the confluence of Shattuck and Popple Camp Brooks, Phillipston to mouth at Pottapaug Pond, Petersham. (through Connor Pond formerly segment MA36039)	9.8	MILES	X	X			
Forget-Me-Not Brook	MA36-18	Headwaters, North Brookfield to North Brookfield WWTP discharge, North Brookfield.	1.7	MILES	X	X	X	X	
Higher Brook	MA36-42	Headwaters south of Route 21, Ludlow through Harris Pond (formely reported as segment MA36067) to the Ludlow/Chicopee corporate boundary where the stream name changes to Fuller Brook.	6.3	MILES	X	X	X	X	
Hop Brook	MA36-32	Headwaters upstream of West Street, New Salem to mouth at Quabbin Reservoir, New Salem.	3.7	MILES	X				
Middle Branch Swift River	MA36-33	Headwaters just north of Wendell and New Salem State Forests (south of the Swift River School), Wendell to mouth at Quabbin Reservoir, New Salem.	6.9	MILES	X				
Quaboag River	MA36-14	Outlet of Quaboag Pond, Brookfield to Route 67 bridge, West Brookfield.	6.1	MILES	X	X	X	X	
Quaboag River	MA36-15	Route 67 bridge, West Brookfield to Warren WWTP discharge, Warren.	6.3	MILES	X	X	X	X	
Sevenmile River	MA36-11	Source, outlet Browning Pond, Spencer to confluence with Cranberry River, Spencer.	7.3	MILES	X	X	X	X	
Sevenmile River	MA36-12	Confluence with Cranberry River, Spencer to confluence with East Brookfield River, East Brookfield.	2.5	MILES	X	X	X	X	
Swift River	MA36-09	Winsor Dam, Belchertown to Upper Bondsville Mill Dam, Belchertown/Palmer.	5.6	MILES	X	X	X	X	
Swift River	MA36-10	Upper Bondsville Mill Dam, Belchertown/Palmer to confluence with Ware River, Palmer.	3.9	MILES	X	X	X	X	
Ware River	MA36-04	Dam at South Barre Reservoir, Barre to Wheelwright Dam, New Braintree/Hardwick.	4.9	MILES	X	X	X	X	
Ware River	MA36-07	Thorndike Dam, Palmer to confluence with Quaboag River, forming headwaters Chicopee River, Palmer.	2.5	MILES	X	X	X	X	
West Branch Fever Brook	MA36-34	Headwaters just north (upstream) of Route 122, Petersham to mouth at Quabbin Reservoir, Petersham.	3.4	MILES	X				

* Attained uses denoted by "X"

Massachusetts Category 2 Waters
"Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	USES ATTAINED*				
					Aesthetic	Fish, other Aquatic Life and Wildlife	Primary Contact Recreation	Secondary Contact Recreation	Shellfish Harvesting
West Branch Swift River	MA36-31	Headwaters - Outlet of small unnamed impoundment east of Cooleyville Road in Wendell State Forest, Wendell to mouth at Quabbin Reservoir, Shutesbury/New Salem.	6.3	MILES	X				
West Branch Ware River	MA36-02	Outlet Brigham Pond, Hubbardston to confluence with the East Branch Ware River, Barre.	4.5	MILES	X				
Concord									
Assabet Brook	MA82B-17	Headwaters, outlet of Fletchers Pond, Stow to the confluence with the Assabet River, Stow.	1.982	MILES	X				
Cold Harbor Brook	MA82B-18	Headwaters, outlet of Rocky Pond, Boylston to confluence with Howard Brook, Northborough.	6.061	MILES	X	X			
Danforth Brook	MA82B-19	Headwaters at the confluence of Mill Brook and an unnamed tributary draining from Little Pond, Bolton to the inlet of Bruces Pond, Hudson.	2.366	MILES	X	X			
Fort Meadow Brook	MA82B-11	Outlet of Fort Meadow Reservoir, Marlborough/Hudson to confluence with Assabet River, Hudson.	2.718	MILES	X	X			
Hop Brook	MA82B-20	From the outlet of Smith Pond, Northborough to the confluence with the Assabet River, Northborough.	1.259	MILES	X	X			
Indian Brook	MA82A-24	Outlet of Hopkinton Reservoir, Ashland to the confluence with the Sudbury River, Ashland (formerly part of segment MA82A-12).	1.702	MILES	X	X			
North Brook	MA82B-21	Headwaters, east of Ballville Road and north of Wataquadock Hill Road, Bolton to the confluence with the Assabet River, Berlin.	7.763	MILES	X	X			
Pine Brook	MA82A-14	From source south of Route 20, just east of the Weston/Wayland border to the confluence with the Sudbury River, Wayland.	2.485	MILES	X	X			
Taylor Brook	MA82B-08	From the outlet of Puffer Pond, Maynard to the confluence with the Assabet River, Maynard.	1.770802	MILES	X				
Unnamed Tributary	MA82A-21	From the outlet of Heart Pond, Chelmsford to the inlet of Russell Millpond, Chelmsford.	4.113	MILES	X				
Unnamed Tributary	MA82B-16	From the outlet of Angiers Pond, Concord to confluence with the Assabet River, Concord (this segment is locally known as part of Spencer Brook).	0.486	MILES	X	X			
West Pond	MA82115	Bolton	18.986	ACRES			X	X	
Willis Pond	MA82122	Sudbury	67.329	ACRES	X	X			
Connecticut									
Amethyst Brook	MA34-35	Headwaters, confluence of Buffum and Harris brooks, Pelham to the confluence with Adams River (forming the headwaters of Fort River), Amherst.	2.143	MILES	X	X			
Broad Brook	MA34-18	Headwaters, Holyoke to inlet Nashawannuck Pond, Easthampton.	9.285	MILES		X			

* Attained uses denoted by "X"

Massachusetts Category 2 Waters
"Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	USES ATTAINED*				
					Aesthetic	Fish, other Aquatic Life and Wildlife	Primary Contact Recreation	Secondary Contact Recreation	Shellfish Harvesting
Cushman Brook	MA34-34	Headwaters, outlet Atkins Reservoir, Shutesbury to the inlet of Factory Hollow Pond, Amherst.	2.462	MILES	X	X			
East Branch Mill River	MA34-37	Headwaters, confluence of Bradford Brook, Williamsburg to confluence with the West Branch Mill River (forming the headwaters of the Mill River), Williamsburg.	2.753	MILES	X	X	X	X	
Fall River	MA34-33	Vermont/Massachusetts border, Bernardston to the confluence with the Connecticut River, Greenfield/Gill	10.246	MILES	X	X			
Mill River	MA34-24	Headwaters east of Fisher Hill, Conway to confluence with the Connecticut River, Hatfield.	24.63	MILES	X	X	X	X	
Moose Brook	MA34-17	Headwaters, Southampton to confluence with Manhan River, Southampton.	2.627	MILES		X			
Sawmill River	MA34-41	Dudleyville Road, Leverett to confluence with Connecticut River, Montague (formerly part of MA34-26).	10.965	MILES	X	X	X	X	
Scantic River	MA34-30	Massachusetts/Connecticut border, Monson downstream to the Massachusetts/Connecticut border, Hampden.	9.599	MILES		X			
Temple Brook	MA34-08	Headwaters, outlet Bradley Pond, Monson to confluence with Scantic River, Hampden.	3.724	MILES		X			
Tripple Brook	MA34-16	Headwaters, Southampton to confluence with Manhan River, Southampton.	1.016	MILES		X			
Upper Highland Lake	MA34093	Goshen	51.244	ACRES	X				
West Branch Mill River	MA34-38	East Street, Goshen to the confluence of Meekin Brook, Williamsburg.	5.917	MILES	X	X	X	X	
West Branch Mill River	MA34-39	From the confluence of Meekin Brook, Williamsburg to the confluence with the East Branch Mill River (forming the headwaters of the Mill River), Williamsburg.	0.641	MILES	X	X	X	X	
Deerfield									
Bear River	MA33-17	Headwaters west of Barnes Road, Ashfield to confluence with Deerfield River, Conway.	6.926	MILES	X	X			
Clark Brook	MA33-16	Headwaters, near Moonshine Road (Howes Road)/East Buckland Road, Buckland to confluence with Clesson Brook, Buckland.	3.779086	MILES	X	X			
Clesson Brook	MA33-15	Outlet of unnamed pond south of Forget Road, Hawley through Cox Pond to confluence with Deerfield River, Buckland.	10.346	MILES	X	X	X	X	
Cold River	MA33-05	Source in Florida to confluence with Deerfield River, Charlemont.	13.719	MILES	X	X	X	X	
Deerfield River	MA33-01	Outlet Sherman Reservoir Monroe/Rowe, to confluence with Cold River, Charlemont (through former segment, Lower Reservoir MA33028).	13.43029	MILES	X	X	X	X	
Deerfield River	MA33-02	Confluence with Cold River, Charlemont to confluence with North River, Charlemont/Shelburne	11.414	MILES	X	X	X	X	
Deerfield River	MA33-03	Confluence with North River, Charlemont/Shelburne to confluence with Green River, Greenfield.	16.945	MILES	X	X	X	X	

* Attained uses denoted by "X"

Massachusetts Category 2 Waters
"Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	USES ATTAINED*				
					Aesthetic	Fish, other Aquatic Life and Wildlife	Primary Contact Recreation	Secondary Contact Recreation	Shellfish Harvesting
Deerfield River	MA33-04	Confluence with Green River, Greenfield to confluence with Connecticut River, Greenfield/Deerfield.	2.061	MILES	X	X	X	X	
Drakes Brook	MA33-23	Headwaters west of North Warger Road, Ashfield to confluence with Bear River, Conway.	2.016	MILES	X	X			
East Branch North River	MA33-19	Vermont line, Colrain to confluence with West Branch North River, Colrain.	7.58	MILES	X	X	X	X	
Foundry Brook	MA33-25	Headwaters north of Calvin Coombs Road, Colrain to confluence with East Branch North River, Colrain.	2.773	MILES	X				
Green River	MA33-28	Vermont line, Colrain to Greenfield water supply dam (north of Eunice Williams Road), Greenfield. (formerly part of MA33-09)	8.474	MILES	X	X			
Green River	MA33-29	From Greenfield water supply dam (north of Eunice Williams Road), Greenfield to the Greenfield swimming pool dam (northwest of Nashs Mill Road), Greenfield. (formerly part of MA33-09)	4.633	MILES	X	X	X	X	
Mill Brook	MA33-14	Headwaters, originating north of Rowe Road, Heath to confluence with the Deerfield River, Charlemont.	5.757	MILES	X	X			
North Pond	MA33014	Florida	19.115	ACRES			X	X	
North River	MA33-06	From confluence of East and West branches of the North River, Colrain to confluence with Deerfield River, Shelburne/Charlemont. (Segment changed 1997 - East Branch no longer included in length)	3.341	MILES	X	X	X	X	
Pelham Brook	MA33-12	Headwaters at outlet Pelham Lake, Rowe to confluence with Deerfield River, Charlemont.	4.861	MILES	X	X			
Pumpkin Hollow Brook	MA33-32	Headwaters north of Conway State Forest and south of Old Cricket Hill Road, Conway to confluence with South River, Conway.	2.297	MILES	X	X			
South Pond	MA33019	Savoy	28.675	ACRES			X	X	
South River	MA33-07	Headwaters at outlet Ashfield Pond to Emments Road, Ashfield.	2.263668	MILES		X	X	X	
Taylor Brook	MA33-31	From the confluence of Kinsman Brook and Davenport Brook, Heath to confluence with West Branch North River, Colrain.	2.635	MILES	X	X	X	X	
Tisdell Brook	MA33-24	Headwaters west of Christian Hill, Colrain to confluence with West Branch North River, Colrain.	1.698	MILES	X				
West Branch North River	MA33-27	Confluence of West Branch Brook and Burrington Brook, Heath to confluence with North River, forming the North River, Colrain.	7.127	MILES		X			
Farmington									
Benton Brook	MA31-11	Drainage from Hayden Swamp, Otis to the confluence with the West Branch Farmington River, Otis.	5.240824	MILES	X	X			

* Attained uses denoted by "X"

Massachusetts Category 2 Waters
"Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	USES ATTAINED*				
					Aesthetic	Fish, other Aquatic Life and Wildlife	Primary Contact Recreation	Secondary Contact Recreation	Shellfish Harvesting
Buck River	MA31-12	Headwaters draining wetland just south of Morley Hill and Cronk Road, Sandisfield to confluence with the Clam River, Sandisfield.	6.398259	MILES	X	X			
Clam River	MA31-03	Outlet of Royal Pond, Otis to confluence with West Branch Farmington River, Sandisfield.	9.542	MILES	X	X			
Cone Brook	MA31-08	Drainage from Angerman Swamp in Beartown State Forest, Otis to Hayden Pond, Otis.	2.101	MILES	X	X			
Fall River	MA31-02	Outlet Larkum Pond, Otis to confluence with West Branch Farmington River, Otis.	0.761	MILES	X	X			
Hubbard Brook	MA31-16	Confluence Babcock Brook and Hall Pond Brook, Tolland to border of Granville, Massachusetts/Hartland, Connecticut.	4.0271	MILES	X	X			
Sandy Brook	MA31-14	Outlet York Lake, New Marlborough to border of Sandisfield, Massachusetts/Norfolk, Connecticut.	4.977348	MILES	X	X			
Valley Brook	MA31-15	Source, northwest of Holden Hill, Granville to border of Granville, Massachusetts/Hartland, Connecticut.	5.894326	MILES	X	X			
French									
Mill Brook	MA42-10	Headwaters, outlet Webster Lake, Webster to confluence with French River, Webster.	1.2	MILES	X	X			
Mine Brook	MA42-16	Headwaters, Webster to inlet Club Pond, Webster.	1.4	MILES	X	X	X	X	
Robinson Pond	MA42047	Oxford	99	ACRES	X				
Unnamed Tributary	MA42-01	Unnamed tributary to Town Meadow Brook, outlet Sargent Pond, Leicester to inlet Dutton Pond, Leicester.	0.5	MILES		X			
Unnamed Tributary	MA42-19	Unnamed tributary to the French River on the 1982 USGS quad as 'Lowes Brook' , from the outlet of Lowes Pond, Oxford to the confluence with the French River, Oxford.	1.3	MILES	X	X	X	X	
Unnamed Tributary	MA42-20	Unnamed tributary to South Fork locally known as 'Potters Brook', from outlet of Old Mill Pond Dam (MA01833), Charlton to the confluence with South Fork, Charlton.	0.9	MILES	X	X	X	X	
Wellington Brook	MA42-11	Headwaters south of Cedar Street, Auburn to confluence with French River, Oxford.	3.4	MILES	X	X	X	X	
Hoosic									
Dry Brook	MA11-13	Headwaters, west of Jackson Road (in Savoy Wildlife Management Area), Savoy to confluence with Hoosic River, Adams.	6.702	MILES	X	X	X	X	
East Branch Green River	MA11-21	Headwaters, northeast of Sugarloaf Mountain, New Ashford to confluence with Green River, New Ashford.	2.227	MILES	X	X			
Hemlock Brook	MA11-09	Headwaters, south of Route 2 in the Taconic Trail State Park to confluence with the Hoosic River, Wiliamstown.	7.083	MILES	X	X	X	X	

* Attained uses denoted by “X”

Massachusetts Category 2 Waters
"Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	USES ATTAINED*				
					Aesthetic	Fish, other Aquatic Life and Wildlife	Primary Contact Recreation	Secondary Contact Recreation	Shellfish Harvesting
Kitchen Brook	MA11-24	From the outlet of the unnamed reservoir (Kitchen Brook Reservoir), Cheshire to the confluence with the Hoosic River, Cheshire.	1.445	MILES	X		X	X	
McDonald Brook	MA11-16	Source, southeast of Woodchuck Hill, Windsor to confluence with South Brook, Cheshire.	3	MILES		X			
North Branch Hoosic River	MA11-01	Vermont State line, Clarksburg to USGS Gage, North Adams.	4.281	MILES	X	X	X	X	
Pecks Brook	MA11-18	Headwaters west of West Mountatin Road to confluence with the Hoosic River, Adams.	2.703	MILES	X	X	X	X	
South Brook	MA11-15	Headwaters, west of Weston Mountain, Dalton to confluence with the Hoosic River, Cheshire.	4.138	MILES	X	X	X	X	
West Branch Green River	MA11-22	Headwaters, west of Route 43, Hancock (near New York border) to confluence with Green River, Williamstown.	7.896	MILES	X	X	X	X	
Housatonic									
Cady Brook	MA21-12	Source, Peru to the inlet of Windsor Reservoir, Hinsdale.	3.507	MILES	X	X			
Cleveland Brook	MA21-08	Headwaters, outlet of Cleveland Brook Reservoir, Hinsdale to confluence with East Branch Housatonic River, Dalton.	1.927	MILES	X	X			
Furnace Brook	MA21-21	Headwaters south of Route 295 (Canaan Road), Richmond to inlet Mud Ponds, West Stockbridge.	3.649	MILES		X			
Goose Pond Brook	MA21-07	Outlet of Goose Pond, Tyringham to confluence with the Housatonic River, Lee.	3.252	MILES	X	X	X	X	
Green River	MA21-23	Alford, Massachusetts/Hillsdale, New York border southwest of Route 71 to confluence with the Housatonic River, Great Barrington.	10.139	MILES	X	X	X	X	
Greenwater Brook	MA21-27	Headwaters, outlet of Greenwater Pond, Becket to the confluence with Goose Pond Brook, Lee	4.435	MILES	X	X	X	X	
Hop Brook	MA21-28	Headwaters, outlet of Curtin Pond, Otis to the confluence with the Housatonic River, Lee	11.948	MILES	X	X	X	X	
Larrywaug Brook	MA21-29	Headwaters, outlet Stockbridge Bowl, Stockbridge to confluence with Housatonic River, Stockbridge	2.863	MILES		X			
Williams River	MA21-06	Source, outlet Shaker Mill Pond, West Stockbridge to confluence with Housatonic River, Great Barrington.	11.006	MILES	X	X	X	X	
Ipswich									
Berry Pond	MA92003	North Andover	3.896	ACRES			X	X	
Boston Brook	MA92-13	Outlet of Towne Street Pond, North Andover to confluence with the Ipswich River, Middleton.	7.521	MILES	X	X			
Fish Brook	MA92-14	Headwater, outlet Stiles Pond, Boxford to confluence with Ipswich River, Topsfield/Boxford.	8.246	MILES	X	X			

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Massachusetts Category 2 Waters
"Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	USES ATTAINED*				
					Aesthetic	Fish, other Aquatic Life and Wildlife	Primary Contact Recreation	Secondary Contact Recreation	Shellfish Harvesting
Gravelly Brook	MA92-18	Headwaters, Willowdale State Forest, Ipswich to confluence with Ipswich River, Ipswich.	1.518	MILES	X	X			
Lubbers Brook	MA92-05	Billerica/Burlington boundry to confluence with Maple Meadow Brook forming headwaters of Ipswich River, Wilmington.	6.329	MILES	X	X			
Stiles Pond	MA92063	Boxford	59.042	ACRES			X	X	
Islands									
Cape Poge Bay	MA97-08	From the outlet of The Lagoon at Toms Neck, Edgartown to the confluence with Edgartown Harbor at the Cape Poge Gut, (excluding Shear Pin Pond and Pease Pond) Edgartown, Martha's Vineyard.	2.296	SQUARE MILES			X	X	X
Coskata Pond	MA97-03	Pond north of Nantucket Harbor, Nantucket to confluence with Nantucket Harbor, Nantucket	0.082	SQUARE MILES			X	X	X
Great Point Pond	MA97-04	On Great Point, to confluence with Nantucket Sound, Nantucket	0.056	SQUARE MILES			X	X	X
Mattakeset Bay	MA97-14	Waters west of an imaginary line drawn southeasterly from Katama Point to Norton Point, Edgartown, Martha's Vineyard.	0.173	SQUARE MILES			X	X	X
Menemsha Pond	MA97-06	Waters between Nashaquitsa Pond and Menemsha Creek, Chilmark/Gay Head, Martha's Vineyard.	0.891	SQUARE MILES			X	X	X
Mill Brook	MA97-22	Outlet of Bliss Pond, Chilmark to inlet Chilmark Pond, Chilmark, Martha's Vineyard	2.392	MILES	X	X			
Mill Brook	MA97-24	Source in wetlands west of Roth Woodland Road, Chilmark to inlet Old Millpond, West Tisbury, Martha's Vineyard	3.416	MILES	X	X			
Paint Mill Brook	MA97-23	Source east of Tea Lane, Chilmark to inlet of Paint Mill Brook Pond, Chilmark, Martha's Vineyard	0.884	MILES	X	X			
Sengekontacket Pond	MA97-10	Between East Vineyard Haven Road and Beach Road, including Majors Cove, Edgartown/Oak Bluffs, Martha's Vineyard.	1.098	SQUARE MILES			X	X	X
Tiasquam River	MA97-25	Source in wetlands west of Tea Lane, Chilmark to inlet of Looks Pond, West Tisbury, Martha's Vineyard	2.83	MILES	X	X			
Merrimack									
Bridge Meadow Brook	MA84A-34	Headwaters, north of Chestnut Road, Tyngsborough to inlet Flint Pond, Tyngsborough.	4	MILES	X	X	X	X	
Joint Grass Brook	MA84A-32	Headwaters, between Hollis Street and Hawk Swamp, Dunstable to the confluence with Salmon Brook, Dunstable.	3.2	MILES	X		X	X	
Lawrence Brook	MA84A-20	Headwaters, Tyngsborough (excluding intermittent portion) to confluence with Merrimack River, Tyngsborough.	2	MILES	X	X	X	X	
Martins Pond Brook	MA84A-19	Outlet Martins Pond, Groton to inlet Lost Lake, Groton.	2.3	MILES	X	X	X	X	

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Massachusetts Category 2 Waters
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					Aesthetic	Fish, other Aquatic Life and Wildlife	Primary Contact Recreation	Secondary Contact Recreation	Shellfish Harvesting
Reed Brook	MA84B-08	Headwaters, south of the West Street/Cowdry Hill Road intersection, Westford to the confluence with Stony Brook, Westford.	0.6	MILES		X			
Salmon Brook	MA84A-33	Headwaters, outlet Lower Massapoag Pond, Dunstable to New Hampshire state line, Dunstable.	2.9	MILES	X		X	X	
South Branch Souhegan River	MA84A-31	Headwaters, outlet Watatic Pond, Ashburnham to New Hampshire state line, Ashby.	3	MILES	X	X			
Unnamed Tributary	MA84A-38	(Locally known as Argilla Brook) Unnamed tributary to Johnson Creek (excluding intermittent portion) from Center Street, Groveland to confluence with Johnson Creek, Groveland.	1.3	MILES	X	X	X	X	
Millers									
Dunn Pond	MA35021	Gardner	17.997	ACRES	X		X	X	
Lake Mattawa	MA35112	(PALIS ID Changed on 10/6/97 from 36092 to 35112 - Concurently changed WBID to reflect this change - See PALIS for details) Orange	111.982	ACRES	X		X	X	
Otter River	MA35-06	Source, Hubbardston (north of Pitcherville Road) to Gardner WWTP, Gardner/Templeton.	4.304796	MILES	X				
Priest Brook	MA35-10	Headwaters at the confluence of Towne and Scott Brooks, Royalston to the confluence with the Millers River, Winchendon. (According to SARIS includes lower portion of Scott Brook.)	6.826	MILES	X	X			
Ruggles Pond	MA35072	Wendell	14.832	ACRES	X		X	X	
Nashua									
Ball Brook	MA81-45	Headwaters, north of Sterling Road, Holden to the confluence with the Stillwater River, Sterling.	1.6	MILES			X	X	
Catacoonamug Brook	MA81-16	Outlet Lake Shirley, Lunenburg to confluence with Nashua River, Shirley/Harvard.	3.2	MILES	X	X	X	X	
Chaffins Brook	MA81-33	Headwaters south of Malden Street/west of Wachusett Street, Holden to inlet of Unionville Pond, Holden.	0.9	MILES			X	X	
Connelly Brook	MA81-57	Headwaters, southwest of Rowley Hill Road, Sterling to the inlet of The Quag, Sterling.	2.9	MILES			X	X	
East Wachusett Brook	MA81-30	Headwaters northeast of Little Wachusett Mountain, Princeton to confluence with Stillwater River, Sterling.	4.6	MILES			X	X	
Fall Brook	MA81-39	From the outlet of Lake Samoset, Leominster to the confluence with the North Nashua River, Leominster (formerly part of segment MA81-14).	3	MILES		X			
Flag Brook	MA81-10	Outlet Crocker Pond, Westminster to confluence with North Nashua River, Fitchburg (excluding approximately 0.7 miles through Sawmill Pond segment MA81118).	2.2	MILES			X	X	

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Massachusetts Category 2 Waters
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NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	USES ATTAINED*				
					Aesthetic	Fish, other Aquatic Life and Wildlife	Primary Contact Recreation	Secondary Contact Recreation	Shellfish Harvesting
French Brook	MA81-48	Headwaters, west of Linden Street, Boylston to the inlet of Wachusett Reservoir (Andrews Harbor), Boylston.	1.4	MILES			X	X	
Houghton Brook	MA81-55	Headwaters, south of Merrill Road, Sterling to confluence with Stillwater River, Sterling.	1.5	MILES			X	X	
Justice Brook	MA81-41	Headwaters, outlet Stuart Pond, Sterling to confluence with Keyes Brook forming headwaters Stillwater River, Princeton/Sterling.	1	MILES			X	X	
Keyes Brook	MA81-40	Headwaters, outlet Paradise Pond, Princeton to confluence with Justice Brook forming headwaters Stillwater River, Princeton/Sterling.	3.2	MILES			X	X	
Malden Brook	MA81-27	Headwaters northeast of Lee Street, West Boylston to the inlet of Wachusett Reservoir (Thomas Basin), West Boylston.	1.9	MILES		X	X	X	
Nashua River	MA81-08	("South Branch" Nashua River) Outlet Lancaster Millpond, Clinton to Clinton WWTP discharge, Clinton.	2.8	MILES	X	X	X	X	
Phillips Brook	MA81-12	Outlet Winnekeag Lake, Ashburnham to Westminster Street (Route 2A/31), Fitchburg.	8.4	MILES	X	X	X	X	
Poor Farm Brook	MA81-52	Headwaters east of Salisbury Street, Holden to inlet Chaffin Pond, Holden.	1.2	MILES			X	X	
Rocky Brook	MA81-42	Headwaters, outlet Hy-Crest Pond, Sterling to confluence with Stillwater River, Sterling.	3	MILES			X	X	
Scanlon Brook	MA81-44	Headwaters, west of Birch Drive, Sterling to the confluence with the Stillwater River, Sterling.	1.5	MILES			X	X	
Scarletts Brook	MA81-25	Headwaters west of West Boylston Street (Route 12), West Boylston to confluence with Gates Brook, West Boylston.	0.5	MILES			X	X	
Squannacook River	MA81-19	Hollingsworth and Vose Dam, Groton/Shirley to confluence with Nashua River, Shirley/Groton/Ayer.	3.7	MILES	X	X	X	X	
Stillwater River	MA81-31	Confluence of Justice and Keyes brooks, Princeton/Sterling to the inlet of Wachusett Reservoir (Stillwater Basin), Sterling.	6.7	MILES		X	X	X	
Sucker Brook	MA81-23	Outlet Coon Tree Pond, Pepperell to confluence with Nissitissit River, Pepperell.	4	MILES			X	X	
Trout Brook	MA81-26	Outlet Cournoyer Pond, Holden to confluence with Quinepoxet River, Holden.	1.9	MILES			X	X	
Unnamed tributary	MA81-46	Unnamed tributary to Rocky Brook from headwaters south of Upper North Row Road, Sterling to the confluence with Rocky Brook, Sterling.	0.7	MILES			X	X	
Unnamed tributary	MA81-49	Unnamed tributary to Wachusett Reservoir, from headwaters, outlet Carrolls Pond, West Boylston to inlet Wachusett Reservoir, West Boylston.	0.8	MILES			X	X	
Unnamed tributary	MA81-50	Unnamed tributary to Wachusett Reservoir, from headwaters, east of Linden Street, Boylston to the inlet of Wachusett Reservoir (Hastings Cove), Boylston.	1.3	MILES			X	X	
Unnamed tributary	MA81-51	Unnamed tributary to Quinapoxet River, from headwaters, south of Malden Street, Holden to the confluence with the Quinapoxet River, Holden.	1.5	MILES			X	X	

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Massachusetts Category 2 Waters
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					Aesthetic	Fish, other Aquatic Life and Wildlife	Primary Contact Recreation	Secondary Contact Recreation	Shellfish Harvesting
Unnamed tributary	MA81-54	Unnamed tributary to Wachusett Reservoir, from headwaters, west of Route 140, West Boylston to inlet of Wachusett Reservoir (Stillwater Basin), West Boylston.	0.8	MILES				X	
Unnamed tributary	MA81-58	Unnamed tributary to Quinapoxet Reservoir, from headwaters, west of Route 68, Rutland to the confluence with an unnamed tributary to the Quinapoxet Reservoir west of Bryant Road, Holden.	1.3	MILES			X	X	
Unnamed tributary	MA81-59	Unnamed tributary to Quinapoxet River, from headwaters, southwest of Hog Hill, Sterling to the confluence with the Quinapoxet River, Sterling.	1.6	MILES			X	X	
Unnamed Tributary (Boylston Brook)	MA81-34	Unnamed tributary locally known as "Boylston Brook." Headwaters north of French Drive, Boylston to the confluence with Potash Brook, Boylston.	0.5	MILES			X	X	
Warren Tannery Brook	MA81-53	Headwaters, north of Route 122A, Holden to confluence with Asnebumskit Brook, Holden.	1.4	MILES			X	X	
Waushacum Brook	MA81-47	Headwaters, outlet West Waushacum Pond, Sterling to inlet of Wachusett Reservoir (Stillwater Basin), West Boylston.	1.8	MILES			X	X	
Whitman River	MA81-11	Outlet Lake Wampanoag, Ashburnham to inlet Snows Millpond, Fitchburg (excluding the approximately 1.2 miles through Whitmanville Reservoir segment MA81109 and the approximately 0.8 miles through Crocker Pond segment MA81025).	6.3	MILES	X	X			
Wilder Brook	MA81-43	Headwaters west of Osgood Road, Sterling to confluence with Stillwater River, Sterling.	2.3	MILES			X	X	
Neponset									
Mill Brook	MA73-12	Source northeast of Ledgewood Drive, Dover to inlet of Pettee Pond, Westwood.	2.9	MILES			X	X	
Unnamed Tributary	MA73-34	Outlet Clark Pond, Walpole to confluence with Neponset River, Walpole (locally considered part of Spring Brook) (excluding the approximately 0.2 miles through Diamond Pond and the approximately 0.2 miles through Memorial Pond segment MA73012)	0.8	MILES			X	X	
North Coastal									
Beck Pond	MA93003	Hamilton	34.591	ACRES	X	X			
Coy Pond	MA93016	Wenham	23.167	ACRES	X				
Crane River	MA93-38	Outlet Mill Pond, Danvers to outlet of the pump house sluiceway, Purchase Street, Danvers.	0.332	MILES	X	X	X	X	
Parker									
Penn Brook	MA91-16	Outlet Baldpate Pond, Boxford to confluence with Parker River, Georgetown.	3	MILES		X			

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Massachusetts Category 2 Waters
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					Aesthetic	Fish, other Aquatic Life and Wildlife	Primary Contact Recreation	Secondary Contact Recreation	Shellfish Harvesting
Quinebaug									
Browns Brook	MA41-20	From the state line Holland, MA/Union, CT to the inlet of Hamilton Reservoir, Holland.	0.8	MILES	X	X	X	X	
Hamant Brook	MA41-15	Headwaters, outlet unnamed pond, Sturbridge to the confluence with the Quinebaug River, Sturbridge.	3.1	MILES	X	X	X	X	
Hollow Brook	MA41-24	Headwaters, west of Hollow Road, Wales to confluence with Mill Brook, Brimfield.	2.7	MILES		X			
Leadmine Brook	MA41-21	Headwaters, outlet Leadmine Pond, Sturbridge to the state line, Sturbridge, MA/Union, CT.	2.5	MILES	X	X	X	X	
Lebanon Brook	MA41-11	From the state line, Southbridge, MA/Woodstock, CT, to the confluence with the Quinebaug River, Southbridge.	4.7	MILES	X	X	X	X	
Mountain Brook	MA41-18	Headwaters, east of Steerage Rock Road (excluding intermittent portion), Brimfield to the confluence with Mill Brook, Brimfield.	1.9	MILES	X	X	X	X	
Rocky Run	MA41-22	Headwaters east of Chamberlain Pond (excluding intermittent portion), Douglas to the state line Douglas, MA/Thompson, CT.	1.9	MILES	X	X	X	X	
Stevens Brook	MA41-19	From the state line Wales, MA/Stafford, CT to the inlet of Hamilton Reservoir, Holland.	4.7	MILES	X	X	X	X	
Tufts Branch	MA41-10	Headwaters, north of Dudley-Southbridge Road, Dudley to the state line, Dudley, MA/Thompson, CT.	2.8	MILES	X	X	X	X	
Unnamed Tributary	MA41-23	Unnamed tributary to the Quinebaug River from headwaters at the outlet of an unnamed pond on the Southbridge/Charlton border to the confluence with the Quinebaug River, Southbridge.	1.9	MILES	X	X	X	X	
Unnamed Tributary	MA41-25	Unnamed tributary to Tufts Branch, headwaters, outlet Wielock Pond, Dudley to confluence with Tufts Branch, Dudley.	0.2	MILES		X			
Unnamed Tributary	MA41-26	Unnamed tributary locally known as 'Freeman's Brook' from headwaters west of Cronin Road, Warren to an unnamed tributary to Long Pond, Sturbridge.	2.6	MILES		X			
Unnamed Tributary	MA41-27	Unnamed tributary to Mill Brook, headwaters south of East Hill Road, Brimfield to confluence with Mill Brook, Brimfield.	1.7	MILES		X			
West Brook	MA41-17	Headwaters, west of the Dix Hill Road/Route 19 intersection (excluding intermittent portion), Brimfield to the confluence with Mill Brook, Brimfield.	1.8	MILES	X	X	X	X	
Wielock Pond	MA41056	Dudley	6	ACRES	X			X	
Shawsheen									
Content Brook	MA83-09	Outlet Richardson Pond, Billerica, to confluence with Shawsheen River, Tewksbury.	2.369	MILES			X	X	
Meadow Brook	MA83-12	Outlet Ames Pond, Tewksbury, to confluence with Strong Water Brook, Tewksbury.	1.695	MILES			X	X	

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Massachusetts Category 2 Waters
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Unnamed Tributary	MA83-16	Also known as "Fosters Brook" - Outlet Fosters Pond, Andover through River Street Pond to confluence with Shawsheen River at Lowell Junction Pond, Andover.	0.97257	MILES			X	X	
South Coastal									
Black Jimmy Pond	MA94008	Plymouth	8.612	ACRES			X	X	
Elbow Pond	MA94035	Plymouth	20.943	ACRES			X	X	
First Herring Brook	MA94-25	From the headwaters in South Swamp, Norwell (through Tack Factory Pond) to the inlet of Old Oaken Bucket Pond, Scituate.	3.945	MILES	X	X	X	X	
Forge Pond	MA94036	Plymouth	13.738	ACRES	X	X		X	
Fresh Pond	MA94040	Plymouth	59.775	ACRES	X		X	X	
Hedges Pond	MA94065	Plymouth	27.072	ACRES			X	X	
Hobomock Pond	MA94177	Pembroke	12.701	ACRES			X	X	
Little Pond	MA94182	Plymouth	40.474	ACRES			X	X	
Little Sandy Bottom Pond	MA94085	Pembroke	56.106	ACRES			X	X	
Maquan Pond	MA94096	Hanson	45.034	ACRES			X	X	
Plymouth Bay	MA94-17	The waters southeast of a line drawn from Saquish Head to the tip of Plymouth Beach, Plymouth and west of a line from Gurnet Point, Plymouth to Rocky Point, Plymouth.	10.333	SQUARE MILES	X	X	X	X	X
Savery Pond	MA94136	Plymouth	28.872	ACRES			X	X	
Second Herring Brook	MA94-26	Outlet of Turner Pond, Norwell (through Torrey Pond) to the Second Herring Brook Pond Dam, Norwell.	1.744	MILES	X	X	X	X	
South River	MA94-08	Headwaters from the outlet of unnamed pond north of Congress Street, Duxbury to dam at Main Street (Route 3A), Marshfield.	4.863	MILES	X	X	X	X	
Tack Factory Pond	MA94152	Scituate	8.068	ACRES	X	X	X	X	
Taunton									
Assonet River	MA62-19	Outlet Forge Pond, Freetown to Tisdale Dam (north of Route 79/Elm Street intersection), Freetown.	0.877	MILES	X	X	X	X	
Canoe River	MA62-27	Headwaters in wetland east of Cow Hill, Sharon to inlet of Winnecunnet Pond, Norton.	14.297	MILES	X	X			

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					Aesthetic	Fish, other Aquatic Life and Wildlife	Primary Contact Recreation	Secondary Contact Recreation	Shellfish Harvesting
Cedar Swamp River	MA62-44	Headwaters south of Freetown Street, Lakeville to the inlet Forge Pond, Freetown (stream name changes to Assonet River at Lakeville/Freetown corporate boundary).	5.828	MILES	X	X	X	X	
Clear Pond	MA62041	Lakeville	17.866	ACRES			X	X	
Cooper Pond	MA62046	Carver	21.635	ACRES	X			X	
Johns Pond	MA62096	Carver	21.27	ACRES			X	X	
Lovett Brook	MA62-46	Headwaters north of Oak Street, Brockton to inlet Elis Brett Pond, Brockton.	1.541	MILES	X				
Nemasket River	MA62-25	From the outlet of Assawompset Pond, Lakeville/Middleborough to Middleborough WWTP discharge, Middleborough.	6.093	MILES	X	X			
Nemasket River	MA62-26	From the Middleborough WWTP discharge, Middleborough to the confluence with the Taunton River, Middleborough.	5.365	MILES	X				
Rattlesnake Brook	MA62-45	Headwaters east of Riggenbach Road, Fall River to confluence with Assonet River, Freetown.	3.184	MILES	X	X			
Rumford River	MA62-40	Outlet Norton Reservoir, Norton to confluence with Wading and Threemile rivers, Norton (formerly part of segment MA62-15).	4.532	MILES	X				
Satucket River	MA62-10	From the outlet of Robbins Pond, East Bridgewater to the confluence with the Matfield River, East Bridgewater.	5.597	MILES	X	X	X	X	
Taunton River	MA62-01	Confluence of Town and Matfield rivers, Bridgewater to Route 24 bridge, Taunton/Raynham.	20.396	MILES		X			
Tispaquin Pond	MA62195	Middleborough	194.595	ACRES			X	X	
Winnetuxet River	MA62-24	From the outlet of a small unnamed pond near Cole Mill, Carver to the confluence with the Taunton River, Halifax.	11.816	MILES	X				
Ten Mile									
Sevenmile River	MA52-07	Headwaters, outlet Hoppin Hill Reservoir, North Attleborough to inlet Orrs Pond, Attleboro (thru Luther Reservoir formerly segment MA52025).	3.2	MILES	X	X	X	X	
Westfield									
Bedlam Brook	MA32-33	Source, north of Blandford Road to confluence with Peebles Brook, Blandford.	3.208729	MILES	X	X			
Bradley Brook	MA32-21	From the confluence of Black and Stage brooks, Russell to the confluence with the Westfield River, Russell.	0.722654	MILES	X	X	X	X	
Cook Brook	MA32-38	Headwaters, outlet small unnamed pond west of the intersection of Gorge and Granville roads, Westfield to the confluence with Little River, Westfield.	2	MILES			X	X	
Depot Brook	MA32-17	Source in Washington (north of Beach Road) to confluence with Yokum Brook, Becket.	6.040331	MILES		X			

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Dickinson Brook	MA32-34	Source, confluence of Trumble Brook and Seymour Brook to confluence with Munn Brook, Granville.	3.424544	MILES	X	X			
Great Brook	MA32-25	Source at outlet of Congamond Lakes, Southwick to confluence with Westfield River, Westfield.	10.69273	MILES		X	X	X	
Kinne Brook	MA32-32	Source, west of West Street, Worthington to confluence with Middle Branch Westfield River, Chester.	5.583392	MILES	X				
Little River	MA32-16	Confluence of Watts and Wards streams in Worthington (Ringville) to confluence with Westfield River, Huntington.	5.677	MILES	X	X			
Little River	MA32-35	Source at the outlet of Cobble Mountain Reservoir dam, Russell to dam northwest of Gorge Road, Russell. (formerly part of segment MA32-26)	2.633	MILES	X	X			
Middle Branch Westfield River	MA32-02	Source in Peru State Wildlife Management Area, Peru to inlet of Littleville Lake just upstream from boat ramp (south of Kinne Brook Road), Chester.	14.743	MILES		X			
Miller Brook	MA32-27	Outlet from small unnamed pond in Robinson State Park, north of North Street, Agawam to confluence with Westfield River, Agawam.	0.628635	MILES		X			
Pond Brook	MA32-24	Outlet of Chapin Pond, Westfield to confluence with Powdermill Brook, Westfield.	3.89069	MILES			X	X	
Roaring Brook	MA32-30	Source north of Horse Hill in Huntington State Forest, Huntington to confluence with Westfield River, Montgomery.	4.336	MILES	X	X			
Russell Pond	MA32061	Russell	82.18	ACRES			X	X	
Sanderson Brook	MA32-31	Source north of Chester Road in the Chester/Blandford State Forest, Blandford to confluence with West Branch Westfield River, Chester.	3.460416	MILES	X	X			
Shaker Mill Brook	MA32-18	Source in October Mountain State Forest, Washington to confluence with Depot Brook, Becket.	4.175987	MILES		X			
Swift River	MA32-12	Source, southwest of Hawley center to confluence with Westfield River at village of Swift River, Cummington.	11.50344	MILES		X			
Walker Brook	MA32-20	Headwaters at outlet of Center Pond (north of YMCA Road), Becket to confluence of the West Branch Westfield River, Chester.	7.124	MILES		X			
Wards Stream	MA32-15	Source southeast of Knowles Hill, Worthington to confluence with Watts Stream at Ringville, Worthington.	5.213408	MILES		X			
Watts Stream	MA32-14	Source near West Hill, Worthington to confluence with Wards Stream at Ringville, Worthington.	5.17417	MILES		X			
West Branch Westfield River	MA32-01	Source formed by confluence of Depot Brook and Yokum Brook in Becket to confluence with Westfield River, Huntington.	18.105	MILES		X			
Westfield River	MA32-04	Confluence of Drowned Land Brook and Center Brook in Savoy to confluence with Middle Branch Westfield River, Huntington.	33.156	MILES	X	X	X	X	
Westfield River	MA32-07	Westfield/West Springfield/Agawam city line to confluence with Connecticut River, Agawam.	8.47687	MILES	X			X	

* Attained uses denoted by "X"

Massachusetts Category 2 Waters
"Attaining some uses; other uses not assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	USES ATTAINED*				
					Aesthetic	Fish, other Aquatic Life and Wildlife	Primary Contact Recreation	Secondary Contact Recreation	Shellfish Harvesting
White Brook	MA32-28	Source just north of Route 147, Agawam to confluence with Westfield River, Agawam.	0.929925	MILES		X			
Yokum Brook	MA32-19	Source at outlet of Buckley-Duton Lake (east of Walling Mountain), Becket to confluence with Depot Brook, Becket.	4.006738	MILES	X	X			

* Attained uses denoted by "X"

Massachusetts Category 3 Waters
"No uses assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS
Blackstone				
Bell Pond	MA51009	Worcester	10	ACRES
Brooklawn Parkway Pond	MA51195	Shrewsbury	2	ACRES
Carpenter Reservoir	MA51015	Northbridge	78	ACRES
Chase Pond	MA51017	Douglas	11	ACRES
Chockalog Pond	MA51018	Uxbridge	11	ACRES
Clark Reservoir	MA51022	Sutton	29	ACRES
Crane Pond	MA51030	Blackstone	1	ACRES
Crystal Lake	MA51031	Douglas	96	ACRES
Dark Brook Pond	MA51034	Sutton	18	ACRES
Doctors Pond	MA51194	Uxbridge	1	ACRES
Dudley Pond	MA51041	Douglas	8	ACRES
Hales Pond	MA51057	Wrentham	4	ACRES
Hathaway Pond	MA51059	Millbury/Sutton	8	ACRES
Holden Reservoir 1	MA51063	Holden	124	ACRES
Holden Reservoir 2	MA51064	Holden	52	ACRES
Houghton Pond	MA51067	Uxbridge	2	ACRES
Howe Pond	MA51069	Millbury	4	ACRES
Hunt Pond	MA51072	Douglas	2	ACRES
Joels Pond	MA51076	Uxbridge	11	ACRES
Joes Rock Pond	MA51077	Wrentham	12	ACRES
Kettle Brook Reservoir No. 1	MA51079	Leicester	11	ACRES
Kettle Brook Reservoir No. 2	MA51080	Leicester	29	ACRES
Kettle Brook Reservoir No. 3	MA51081	Paxton/Leicester	36	ACRES
Kettle Brook Reservoir No. 4	MA51082	Paxton	113	ACRES
Lake Hiawatha	MA51062	Bellingham/Blackstone	58	ACRES
Lynde Brook Reservoir	MA51090	Leicester	130	ACRES
Martin Street Pond	MA51095	Douglas	3	ACRES
Merrill Pond No. 3	MA51098	Sutton	13	ACRES
Merrill Pond No. 4	MA51099	Sutton	20	ACRES
Nipmuck Pond	MA51111	Mendon	85	ACRES
Number 2 Pond	MA51115	Sutton/Oxford	9	ACRES
Peabody Pond	MA51119	Uxbridge	6	ACRES
Pout Pond	MA51121	Uxbridge	9	ACRES
Pout Pond	MA51122	Boylston	14	ACRES
Pratts Pond	MA51124	Grafton	4	ACRES

Massachusetts Category 3 Waters
"No uses assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS
Ramshorn Pond	MA51126	Sutton/Millbury	131	ACRES
Reservoir No. 4	MA51128	Sutton	10	ACRES
Schoolhouse Pond	MA51144	Sutton	7	ACRES
Sewall Pond	MA51191	Boylston	13	ACRES
Silver Hill Pond	MA51149	Milford	6	ACRES
Slaughterhouse Pond	MA51153	Millbury/Sutton	10	ACRES
Stoneville Reservoir	MA51161	Auburn	60	ACRES
Stump Pond	MA51162	Oxford	20	ACRES
Town Farm Pond	MA51168	Sutton	6	ACRES
Wallum Lake	MA51172	Douglas (size indicates portion in Massachusetts)	138	ACRES
Whitin Reservoir	MA51179	Douglas	342	ACRES
Windle Pond	MA51184	Grafton/Shrewsbury	4	ACRES
Buzzards Bay				
Abner Pond	MA95001	Plymouth	8.853	ACRES
Agawam River	MA95-28	Outlet Mill Pond, Wareham to Wareham WWTP, Wareham.	0.609	MILES
Bates Pond	MA95007	Carver	19.045	ACRES
Big Rocky Pond	MA95119	(Rocky Pond) Plymouth	18.111	ACRES
Big Sandy Pond	MA95011	Plymouth	133.21	ACRES
Blackmore Reservoir	MA95015	Wareham	42.821	ACRES
Buttonwood Park Pond	MA95020	New Bedford	11.543	ACRES
Cedar Dell Lake	MA95021	Dartmouth	22.894	ACRES
Cedar Lake	MA95-96344	Falmouth (formerly reported as segment MA96344)	20	ACRES
Deer Pond	MA95036	Plymouth	8.697	ACRES
Dicks Pond	MA95038	Wareham	41.848	ACRES
Dunham Pond	MA95044	Carver	42.796	ACRES
East Head Pond	MA95177	Carver/Plymouth	91.504	ACRES
Ezekiel Pond	MA95051	Plymouth	35.611	ACRES
Fawn Pond	MA95053	Plymouth	43.743	ACRES
Five Mile Pond	MA95056	Plymouth	21.786	ACRES
Flax Pond	MA95-96087	Bourne (formerly reported as segment MA96087)	20	ACRES
Gallows Pond	MA95059	Plymouth	49.086	ACRES
Halfway Pond	MA95178	(On 9 October 1997, PALIS ID was changed from 94057 to 95178; therefor, this pond historically reported in South Coastal "94") Plymouth	214.592	ACRES
Horseshoe Pond	MA95075	Wareham	59.147	ACRES
Kings Pond	MA95078	Plymouth	22.235	ACRES
Leonards Pond	MA95080	Rochester	49.397	ACRES
Little Long Pond	MA95088	Plymouth	47.692	ACRES

Massachusetts Category 3 Waters
"No uses assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS
Little Long Pond	MA95089	Wareham/Plymouth	12.411	ACRES
Little Rocky Pond	MA95091	Plymouth	9.453	ACRES
Little Sandy Pond	MA95092	Plymouth	28.91	ACRES
Little West Pond	MA95093	Plymouth	24.546	ACRES
Long Duck Pond	MA95095	Plymouth	21.79	ACRES
Long Pond	MA95096	Plymouth	208.287	ACRES
Mare Pond	MA95172	Plymouth	12.543	ACRES
Marys Pond	MA95100	Rochester	81.191	ACRES
Mattapoisett River	MA95-36	Outlet Snipatuit Pond, Rochester to River Road bridge, Mattapoisett.	10.117	MILES
Micajah Pond	MA95102	Plymouth	20.215	ACRES
Paskamanset River	MA95-11	Outlet Turners Pond Dartmouth/New Bedford to confluence with Slocums River, Dartmouth.	10.543	MILES
Rocky Meadow Brook Pond	MA95118	Carver	10.997	ACRES
Rocky Pond	MA95179	Plymouth	20.43	ACRES
Round Pond	MA95123	Plymouth	20.167	ACRES
Sand Pond	MA95127	Wareham	14.446	ACRES
Sandy Pond	MA95128	Wareham	15.292	ACRES
Shingle Island River	MA95-12	Outlet of small unnamed pond northeast of Flag Swamp Road, Dartmouth to inlet Noquochoke Lake (north basin), Dartmouth.	4.995	MILES
South Meadow Brook Pond	MA95139	Carver	24.842	ACRES
South Meadow Pond	MA95140	Carver	22.196	ACRES
Southwest Atwood Bog Pond	MA95141	Carver	11.597	ACRES
Spectacle Pond	MA95142	Wareham	41.48	ACRES
Three Cornered Pond	MA95145	Plymouth	12.268	ACRES
Tinkham Pond	MA95148	Mattapoisett/Acushnet	16.619	ACRES
Union Pond	MA95152	Wareham	17.007	ACRES
Unnamed Tributary	MA95-57	Outlet Cornell Pond, Dartmouth to confluence with Shingle Island River, Dartmouth.	1.009	MILES
Wankinco River	MA95-30	Outlet East Head Pond, Carver/Plymouth (follows border through cranberry bogs) to Elm Street bridge, Wareham.	6.526	MILES
Whites Pond	MA95168	Plymouth	33.713	ACRES
Cape Cod				
Clapps Pond	MA96035	Provincetown (area associated with Cape Cod National Seashore designated as ORW).	40	ACRES
Cliff Pond	MA96039	Brewster	191	ACRES
Coonamessett River	MA96-69	Headwaters, outlet of Coonamessett Pond, Falmouth to the inlet of Great Pond, Falmouth.	3.4	MILES
Depot Pond	MA96061	Eastham	26	ACRES
Flax Pond	MA96090	Dennis	15	ACRES

Massachusetts Category 3 Waters
"No uses assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS
Goose Pond	MA96106	Chatham	35	ACRES
Gull Pond	MA96123	Wellfleet	103	ACRES
Herring Pond	MA96133	Eastham	42	ACRES
Herring Pond	MA96134	Wellfleet	18	ACRES
Hoxie Pond	MA96146	Sandwich	8	ACRES
Kinnacum Pond	MA96163	Wellfleet	2	ACRES
Lake Elizabeth	MA96080	Barnstable	6	ACRES
Long Pond	MA96180	Yarmouth	54	ACRES
Miss Thachers Pond	MA96258	Yarmouth	6	ACRES
Nye Pond	MA96228	Sandwich	6	ACRES
Pilgrim Lake	MA96246	Orleans	38	ACRES
Rushy Marsh Pond	MA96266	Barnstable	14	ACRES
Scargo Lake	MA96279	Dennis	54	ACRES
Schoolhouse Pond	MA96281	Chatham	20	ACRES
Shallow Pond	MA96285	Barnstable	76	ACRES
Shubael Pond	MA96293	Barnstable	55	ACRES
Village Pond	MA96329	Truro	2	ACRES
Charles				
Brookline Reservoir	MA72010	Brookline	21.111	ACRES
Cambridge Reservoir	MA72014	Waltham/Lincoln/Lexington	532.011	ACRES
Chestnut Hill Reservoir	MA72023	Boston	82.253	ACRES
Crystal Lake	MA72030	Newton	27.273	ACRES
Halls Pond	MA72043	Brookline	0.57	ACRES
Little Farm Pond	MA72064	Sherborn	23.801	ACRES
Louisa Lake	MA72068	Milford	7.772	ACRES
Norumbega Reservoir	MA72086	[North Basin] Weston	13.643	ACRES
Norumbega Reservoir	MA72087	[South Basin] Weston	38.41	ACRES
Sandy Pond	MA72105	Lincoln	157.108	ACRES
South End Pond	MA72109	Millis	29.525	ACRES
Stony Brook	MA72-37	Outlet Turtle Pond, Boston to culvert entrance, Boston.	1.62	MILES
Stony Brook Reservoir	MA72114	Waltham/Weston	63.58	ACRES
Todd Pond	MA72117	Lincoln	9.257	ACRES
Walker Pond	MA72126	Millis	9.008	ACRES
Waseeka Sanctuary Pond	MA72155	Holliston	17.053	ACRES
Weston Reservoir	MA72134	Weston	58.655	ACRES
Weston Station Pond	MA72135	Weston	37.666	ACRES

Massachusetts Category 3 Waters
"No uses assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS
Chicopee				
Adams Pond	MA36001	Oakham	30	ACRES
Asnacomet Pond	MA36005	Hubbardston	126	ACRES
Bemis Road Pond	MA36012	Hubbardston	16	ACRES
Bennett Street Pond	MA36014	Palmer	6	ACRES
Bickford Pond	MA36015	Hubbardston/Princeton	163	ACRES
Brigham Pond	MA36020	Hubbardston	45	ACRES
Brooks Pond	MA36022	Petersham	86	ACRES
Calkins Brook	MA36-26	Headwaters, southeast of Baptist Hill, Palmer to confluence with Twelvemile Brook, Wilbraham.	2.7	MILES
Carter Pond	MA36029	Petersham	44	ACRES
Chicopee Brook	MA36-21	Headwaters, east of Peaked Mountain, Monson (through Chicopee Brook Pond, formerly segment MA36031) to confluence with Quaboag River, Monson.	9.9	MILES
Chicopee Reservoir	MA36033	Chicopee	22	ACRES
Cloverdale Street Pond	MA36036	Rutland	19	ACRES
Comins Pond	MA36037	Warren	26	ACRES
Cranberry Meadow Pond	MA36040	Spencer/Charlton	69	ACRES
Crystal Lake	MA36043	Palmer	16	ACRES
Cunningham Pond	MA36044	Hubbardston	27	ACRES
Cusky Pond	MA36045	New Braintree	28	ACRES
Demond Pond	MA36051	Rutland	120	ACRES
Dimmock Pond	MA36053	Springfield	9	ACRES
Edson Pond	MA36180	Rutland	36	ACRES
Fivemile Pond	MA36061	Springfield	36	ACRES
Fivemile Pond South	MA36182	Springfield	4	ACRES
Gaston Pond	MA36065	Barre	15	ACRES
Haviland Pond	MA36069	Ludlow	25	ACRES
Horse Pond	MA36072	North Brookfield	63	ACRES
Knights Pond	MA36077	Belchertown	36	ACRES
Lovewell Pond	MA36085	Hubbardston	82	ACRES
Mare Meadow Reservoir	MA36090	Westminster/Hubbardston	240	ACRES
Mare Meadow Reservoir North	MA36178	Westminster	38	ACRES
Moose Hill Reservoir	MA36179	Spencer/Leicester	52	ACRES
Moulton Pond	MA36098	Rutland	65	ACRES
Muddy Pond	MA36102	Oakham/Rutland	23	ACRES
Murphy Pond	MA36103	Ludlow	6	ACRES
Palmer Reservoir	MA36115	Palmer	8	ACRES

Massachusetts Category 3 Waters
"No uses assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS
Paradise Lake	MA36116	Monson	17	ACRES
Pattaquattic Pond	MA36117	Palmer	18	ACRES
Peppers Mill Pond	MA36121	Ware	11	ACRES
Perry Hill Pond	MA36122	Hubbardston	23	ACRES
Prince River	MA36-08	Source, outlet Hemingway Pond, Barre to confluence with Ware River, Barre (excluding approximately 0.6 miles through Old Reservoir, segment MA36114).	7.1	MILES
Queen Lake	MA36132	Phillipston	139	ACRES
Shaw Pond	MA36138	Leicester	64	ACRES
Springfield Reservoir	MA36145	Ludlow	393	ACRES
Stone Bridge Pond	MA36148	Templeton	32	ACRES
Thayer Pond	MA36181	Rutland	46	ACRES
Thompson Lake	MA36154	Palmer	34	ACRES
Thompsons Pond	MA36155	Spencer	116	ACRES
Town Barn Beaver Pond	MA36156	Petersham	20	ACRES
Waite Pond	MA36161	Hubbardston	34	ACRES
Concord				
Cedar Swamp Pond	MA82016	Westborough	16.579	ACRES
Clamshell Pond	MA82018	Clinton	24.326	ACRES
Denny Brook	MA82A-27	From outlet of unnamed pond west of South Street, Westborough to confluence with Jackstraw Brook, Westborough	0.642	MILES
Elm Street Pond	MA82032	Chelmsford/Carlisle	65.646	ACRES
Farrar Pond	MA82036	Lincoln	83.012	ACRES
Fiske Street Pond	MA82037	Carlisle/Chelmsford	37.732	ACRES
Fort Pond	MA82043	Littleton	101.823	ACRES
Fort Pond Brook	MA82B-13	From source in a wetland just west of Fort Pond, Littleton to the inlet of Warners Pond, Concord.	10.239	MILES
Gates Pond	MA82047	Berlin	72.666	ACRES
Gates Pond Brook	MA82B-10	From the outlet of Gates Pond, Berlin to the confluence with the Assabet River, Berlin.	1.042	MILES
Gleasons Pond	MA82048	Framingham	10.504	ACRES
Ice House Pond	MA82066	Acton	11.219	ACRES
Indian Brook	MA82A-23	Headwaters, outlet of Icehouse Pond, Hopkinton to the inlet of Hopkinton Reservoir, Hopkinton (formerly part of segment MA82A-12).	2.33	MILES
Jackstraw Brook	MA82A-28	From headwaters west of Upton Road, Westborough to inlet of Cedar Swamp Pond, Westborough	1.919	MILES
Learned Pond	MA82069	Framingham	33.857	ACRES
Milham Reservoir	MA82077	Marlborough	66.594	ACRES
Nagog Pond	MA82082	Littleton/Acton	277.719	ACRES

Massachusetts Category 3 Waters
"No uses assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS
Piccadilly Brook	MA82A-30	From headwaters, outlet of Westboro Reservoir, Westborough to inlet to Cedar Swamp Pond, Westborough	2.032	MILES
Rutters Brook	MA82A-29	From headwaters near Robin Road, Westborough to confluence with Jackstraw Brook, Westborough	1.968	MILES
Second Division Brook	MA82B-09	From the headwaters at the outlet of small unnamed pond north of Waltham Street, Maynard to the confluence with the Assabet River, Concord.	2.909	MILES
Smith Pond	MA82099	Northborough	15.553	ACRES
Solomon Pond	MA82100	Northborough	21.242	ACRES
Spencer Brook	MA82B-15	From the outlet of an unnamed pond north of Bellows Hill, Carlisle to the inlet of Angiers Pond, Concord.	3.794	MILES
Sudbury River	MA82A-01	From the source at the outlet of Cedar Swamp Pond, Westborough to the Fruit Street Bridge, Hopkinton/Westborough.	1.895	MILES
Tripp Pond	MA82107	Hudson	3.501	ACRES
Westborough Reservoir	MA82114	Westborough	41.007	ACRES
White Pond	MA82118	Concord	36.112	ACRES
White Pond	MA82119	Hudson/Stow	48.837	ACRES
Whitehall Brook	MA82A-11	From the outlet of Whitehall Reservoir, Hopkinton to confluence with the Sudbury River, Westborough.	3.485	MILES
Williams Lake	MA82121	Marlborough	69.316	ACRES
Connecticut				
Atkins Reservoir	MA34006	Shutesbury	46.468	ACRES
Brickyard Brook	MA34-13	Headwaters, Westfield to confluence with Manhan River, Westfield.	1.616	MILES
Cooley Brook	MA34-20	Headwaters, Longmeadow to confluence with Connecticut River, Longmeadow.	1.44	MILES
Danks Pond	MA34019	Northampton/Easthampton	2.796	ACRES
Factory Hollow Pond	MA34021	Amherst	11.89	ACRES
Green Pond	MA34028	Montague	14.727	ACRES
Lake Pleasant	MA34070	Montague	54.006	ACRES
Long Plain Brook	MA34-09	Headwaters, Leveret/Sunderland town line (in Mt. Toby State Forest) to confluence with Russellville Brook at Route 116, Sunderland.	5.012	MILES
Longmeadow Brook	MA34-21	Headwaters, outlet Turner Park Pond, Longmeadow to confluence with Connecticut River, Longmeadow.	4.454	MILES
Lower Highland Lake	MA34047	Goshen	90.731	ACRES
Manhan River	MA34-10	Headwaters, northeast of Norwich Pond, Huntington to inlet Tighe Carmody Reservoir, Southampton (thru White Reservoir formely segment MA34100).	6.551	MILES
Mill River Diversion	MA34-32	Headwaters, outlet Paradise Pond to confluence with Oxbow (east of Old Springfield Road), Northampton (thru Hulberts Pond formely segment MA34036).	2.538	MILES
Mountain Street Reservoir	MA34056	Williamsburg/Hatfield/Whately	66.673	ACRES
Nine Mile Pond	MA34127	Wilbraham (PALIS/Segment changed from 36107 to 34127, TRD 6/21/02)	32.531	ACRES
Northampton Reservoir	MA34059	Whately	80.365	ACRES
Northfield Mountain Reservoir	MA34061	Erving	237.269	ACRES

Massachusetts Category 3 Waters
"No uses assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS
Pine Island Lake	MA34069	Westhampton	55.096	ACRES
Plympton Brook Pond	MA34071	Wendell	4.894	ACRES
Potash Brook	MA34-12	Headwaters to confluence with Manhan River, Southampton.	0.96	MILES
Raspberry Brook	MA34-22	From Massachusetts/Connecticut border to confluence with Connecticut River, Longmeadow.	1.794	MILES
Roberts Meadow Reservoir	MA34076	Northampton	22.421	ACRES
Sawmill River	MA34-40	Headwaters, outlet Lake Wyola, Shutesbury to Dudleyville Road, Leverett (formerly part of MA34-26).	2.032	MILES
Sawyer Ponds	MA34078	[North Basin] Northfield	9.263	ACRES
Sawyer Ponds	MA34079	[South Basin] Northfield	12.41	ACRES
Silver Lake	MA34084	Agawam	8.696	ACRES
Tighe Carmody Reservoir	MA34089	Southampton	353.401	ACRES
Unnamed Tributary	MA34-31	Headwater, outlet Lake Warner to confluence with Connecticut River, Hadley.	0.531	MILES
White Brook	MA34-14	Headwaters, Easthampton to inlet Nashawannuck Pond, Easthampton.	1.807	MILES
Deerfield				
Bog Pond	MA33003	Savoy	34.994	ACRES
Bozrah Brook	MA33-13	Headwaters, located west of East Hawley Road, Hawley (drains wetland) to confluence with Deerfield River, Charlemont.	2.996	MILES
Burnett Pond	MA33005	Savoy	17.717	ACRES
Dragon Brook	MA33-20	Headwaters north of Patten Road, Shelburne to confluence with the Deerfield River, Shelburne	4.352	MILES
Fox Brook Upper Reservoir	MA33006	Colrain	2.954	ACRES
Goodnow Road Pond	MA33007	Buckland	10.918	ACRES
Hallockville Pond	MA33009	Plainfield/Hawley	18.555	ACRES
Highland Pond	MA33032	Greenfield	2.104	ACRES
Hinsdale Brook	MA33-21	Headwaters east of Fiske Mill Road, Shelburne to confluence with Punch Brook, Greenfield	2.831	MILES
Maynard Pond	MA33011	Greenfield	3.249	ACRES
McLeod Pond	MA33012	Colrain	41.336	ACRES
Mt. Brook Reservoir	MA33024	Colrain	1.471	ACRES
Newell Pond	MA33013	Greenfield	0.928	ACRES
Papoose Lake	MA33023	Heath	14.088	ACRES
Pelham Lake	MA33016	Rowe	79.545	ACRES
Phelps Brook Reservoir	MA33030	Monroe	0.052	ACRES
Shingle Brook	MA33-22	Headwaters north of Guy Manners Road, Shelburne to confluence with the Deerfield River, Deerfield.	2.764	MILES
Smith Brook	MA33-26	Headwaters, outlet Upper Reservoir, Ashfield to confluence with Clesson Brook, Buckland.	2.664	MILES
Upper Greenfield Reservoir	MA33021	Leyden	5.748	ACRES

Massachusetts Category 3 Waters
"No uses assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS
Upper Highland Springs Reservoir	MA33025	Ashfield	2.483	ACRES
Upper Reservoir Bear Swamp	MA33026	Rowe	108.283	ACRES
Farmington				
Cranberry Pond	MA31008	Tolland	75.489	ACRES
Creek Pond	MA31009	(Watson Pond) Otis	51.734	ACRES
Dimmock Brook	MA31-10	Outlet of Dimmock Brook Pond, Otis to confluence with West Branch Farmington River, Otis.	1.006	MILES
Dimmock Brook Pond	MA31010	Otis	15.166	ACRES
Hayden Pond	MA31016	Otis	27.999	ACRES
Long Bow Lake	MA31019	Becket	25.585	ACRES
Lower Spectacle Pond	MA31020	Sandisfield	69.815	ACRES
Royal Pond	MA31034	Otis/Monterey	7.419	ACRES
Shales Brook	MA31-04	Source north of Tyringham Road, Becket to inlet Shaw Pond, Becket.	1.238268	MILES
Silver Brook	MA31-13	Confluence of North Branch and South Branch Silver Brook, Sandisfield to confluence with Clam River, Sandisfield.	0.957688	MILES
Silver Shield Pond	MA31054	Becket	9.792	ACRES
Thomas Brook	MA31-06	Outlet Thomas Pond, Becket to confluence with unnamed tributary, Otis.	0.823572	MILES
Unnamed Tributary	MA31-05	Source in wetlands southwest of Route 90 and east of Route 20, Becket to inlet Shaw Pond, Becket.	1.333735	MILES
Unnamed Tributary	MA31-07	Outlet Shaw Pond, Becket/Otis to inlet Hayden Pond, Otis.	0.889249	MILES
Unnamed Tributary	MA31-09	Source north of Route 23 and east of Harrington Road, Otis to confluence with West Branch Farmington River, Otis.	1.997087	MILES
Ward Pond	MA31047	Becket	27.153	ACRES
West Lake	MA31050	Sandisfield	60.286	ACRES
White Lily Pond	MA31051	Otis	62.146	ACRES
French				
Bartons Brook	MA42-08	Headwaters, outlet Stiles Reservoir, Leicester to inlet Greenville Pond West, Leicester.	1.1	MILES
Burncoat Pond	MA42007	Leicester/Spencer	115	ACRES
Carbuncle Pond	MA42008	Oxford	11	ACRES
Easterbrook Pond	MA42017	Dudley	5	ACRES
Greenville Pond West	MA42022	Leicester	6	ACRES
Hayden Pond	MA42024	Dudley	44	ACRES
Henshaw Pond	MA42025	Leicester	37	ACRES
Hultered Pond	MA42072	Charlton	4	ACRES
Little Nugget Lake	MA42032	Charlton	13	ACRES
Little River	MA42-14	Outlet Buffum Pond, Oxford to confluence with French River, Oxford (formerly part of segment MA42-09).	1.3	MILES

Massachusetts Category 3 Waters
"No uses assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS
Merino Pond	MA42036	Dudley	75	ACRES
Nipmuck Pond	MA42039	Webster	20	ACRES
Putnam Pond	MA42046	Charlton	20	ACRES
Slaters Pond	MA42053	Oxford	105	ACRES
Snow Pond	MA42054	Charlton	1	ACRES
Stiles Reservoir	MA42055	Spencer/Leicester	309	ACRES
Town Meadow Brook	MA42-02	Headwaters, outlet Dutton Pond, Leicester to inlet Greenville Pond, Leicester.	1.9	MILES
Unnamed Tributary	MA42-12	Unnamed tributary to Wellington Brook, perennial portion from Depot Road, Oxford to confluence with Wellington Brook, Oxford.	0.2	MILES
Watson Millpond	MA42063	Spencer	2	ACRES
Wee Laddie Pond	MA42065	Charlton	6	ACRES
Hoosic				
Bassett Brook	MA11-17	Headwaters southeast slope of Saddle Ball Mountain, Adams to inlet Bassett Reservoir, Cheshire.	1.939	MILES
Broad Brook	MA11-23	From Vermont state line, Williamstown to the confluence with the Hoosic River, Williamstown.	2.184	MILES
Mount Williams Reservoir	MA11010	North Adams	45.842	ACRES
Notch Reservoir	MA11011	North Adams	12.287	ACRES
Thunder Brook	MA11-10	Headwaters, Cheshire to confluence with Kitchen Brook, Cheshire.	1.545	MILES
Windsor Lake	MA11016	North Adams	23.993	ACRES
Housatonic				
Anthony Brook	MA21-10	Headwaters, outlet of Anthony Pond, Dalton to the confluence with Wahconah Falls Brook, Dalton.	2.568	MILES
Ashley Lake	MA21003	Washington	93.644	ACRES
Benedict Pond	MA21011	Great Barrington/Monterey	37.034	ACRES
Card Pond	MA21015	West Stockbridge	11.424	ACRES
Cleveland Brook Reservoir	MA21019	Hinsdale	155.627	ACRES
Cookson Pond	MA21021	New Marlborough	67.096	ACRES
Crane Lake	MA21025	West Stockbridge	27.474	ACRES
East Indies Pond	MA21029	New Marlborough	72.217	ACRES
Farnham Reservoir	MA21033	Washington	40.87	ACRES
Hayes Pond	MA21051	Otis	46.264	ACRES
Mill Pond	MA21069	Egremont	10.403	ACRES
Seekonk Brook	MA21-22	Outlet of small impoundment east of West Road, Alford to confluence with the Green River, Great Barrington.	4.787	MILES
Unnamed Tributary	MA21-24	Headwaters, outlet of Mill Pond, Egremont to confluence with Hubbard Brook, Egremont.	1.481	MILES
Upper Sackett Reservoir	MA21113	Hinsdale	19.454	ACRES

Massachusetts Category 3 Waters
"No uses assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS
Windsor Reservoir	MA21119	Hinsdale/Windsor	74.354	ACRES
Ipswich				
Bear Meadow Brook	MA92-07	Headwaters in Cedar Swamp, Reading to confluence with Ipswich River, Reading/North Reading.	2.842773	MILES
Beaver Pond	MA92002	Beverly	18.534	ACRES
Black Brook	MA92-19	Outlet Cutler Pond, Hamilton to confluence with Ipswich River, Hamilton.	3.62	MILES
Bradford Pond	MA92005	North Reading	14.169	ACRES
Creighton Pond	MA92011	Middleton	18.66	ACRES
Eisenhaures Pond	MA92016	North Reading	11.977	ACRES
Elginwood Pond	MA92017	Peabody	8.502	ACRES
Emerson Brook Reservoir (Forest Street Pond)	MA92021	Middleton	195.429	ACRES
Farnum Street Pond	MA92018	North Andover	8.609	ACRES
Fourmile Pond	MA92022	Boxford	28.683	ACRES
Howes Pond	MA92026	Boxford	6.615	ACRES
Idlewild Brook	MA92-24	Outlet of Pleasant Pond, Hamilton to confluence with Ipswich River, Hamilton.	0.809	MILES
Kimballs Pond	MA92027	Boxford	7.468	ACRES
Long Causeway Brook	MA92-20	Headwaters near Boston & Maine Railroad, south of Pigeon Hill, Hamilton to confluence with Miles River, Hamilton/Ipswich.	1.896231	MILES
Longham Reservoir	MA92030	Wenham	34.152	ACRES
Middleton Pond	MA92039	Middleton	128.95	ACRES
Mile Brook	MA92-16	Headwaters, east of North Street, Topsfield to confluence with Ipswich River, Topsfield.	2.54	MILES
Nichols Brook	MA92-25	Headwaters (near Rowley Hill Street and Route 95 and Newburyport Turnpike) in Danvers, to confluence with the Ipswich River, Middleton.	2.475	MILES
Pierces Pond	MA92048	Peabody	2.609	ACRES
Putnamville Reservoir	MA92052	Danvers	282.517	ACRES
Salem Street Pond	MA92076	North Andover	10.601	ACRES
Spofford Pond	MA92060	Boxford	28.102	ACRES
Stearns Pond	MA92061	North Andover	42.929	ACRES
Sudden Pond	MA92064	North Andover	5.204	ACRES
Suntaug Lake	MA92065	Lynnfield/Peabody	150.1	ACRES
Swan Pond	MA92066	North Reading	42.036	ACRES
Towne Pond	MA92068	Boxford/North Andover	23.362	ACRES
Unnamed Tributary	MA92-09	Outlet of Eisenhaures Pond, North Reading to confluence with Ipswich River, North Reading.	1.387	MILES
Upper Boston Brook Pond	MA92070	Middleton	7.054	ACRES
Winona Pond	MA92077	Peabody	91.393	ACRES

Massachusetts Category 3 Waters
"No uses assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS
Islands				
Oyster Pond	MA97-13	Including Ripley Cove, Edgartown, Martha's Vineyard.	0.293	SQUARE MILES
Merrimack				
Bailey Pond	MA84003	Amesbury	13	ACRES
Beaver Brook	MA84B-05	Headwaters, outlet of "Wolf Swamp", Boxborough to inlet of Mill Pond, Littleton.	5.5	MILES
Mill Pond	MA84039	West Newbury	18	ACRES
Uptons Pond	MA84075	Tyngsborough	6	ACRES
Millers				
Bassett Pond	MA35002	New Salem	26.012	ACRES
Beaver Flowage Pond	MA35005	(Beaver Pond) Royalston	38.034	ACRES
Bents Pond	MA35006	Hubbardston	28.747	ACRES
Bowens Pond	MA35009	Wendell	16.774	ACRES
Cowee Pond	MA35013	Gardner	18.263	ACRES
Crystal Lake	MA35014	Gardner	142.259	ACRES
Davenport Pond	MA35015	Petersham/Athol	30.42	ACRES
East Templeton Pond	MA35022	Templeton	8.891	ACRES
Greenwood Pond	MA35025	Westminster	26.984	ACRES
Hastings Pond	MA35028	Warwick	18.311	ACRES
Kendall Pond	MA35034	Gardner	21.907	ACRES
Lake Watatic	MA35095	Ashburnham	133.102	ACRES
Little Pond	MA35037	Royalston	9.977	ACRES
Lower Naukeag Lake	MA35041	Ashburnham	295.481	ACRES
Millers River	MA35-20	Outlet of Sunset Lake, Ashburnham to inlet of Whitney Pond, Winchendon.	6.362	MILES
Minott Pond	MA35046	Westminster	8.439	ACRES
Minott Pond South	MA35045	Westminster	27.319	ACRES
North Spectacle Pond	MA35052	New Salem	42.893	ACRES
Packard Pond	MA35053	Orange	43.116	ACRES
Partridgeville Pond	MA35057	Templeton	37.685	ACRES
Perley Brook Reservoir	MA35059	Gardner	54.682	ACRES
Phillipston Reservoir	MA35060	Philipston/Athol	19.931	ACRES
Reservoir No. 2	MA35064	Phillipston/Athol (Secret Lake)	48.32	ACRES
Riceville Pond	MA35065	Athol/Petersham	61.372	ACRES
Richards Reservoir	MA35067	Warwick	21.202	ACRES
Royalston Road Pond	MA35071	Orange	5.306	ACRES
Sheomet Lake	MA35074	Warwick	30.583	ACRES
South Spectacle Pond	MA35081	New Salem	37.892	ACRES

Massachusetts Category 3 Waters
"No uses assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS
Sportsmans Pond	MA35082	Athol	92.724	ACRES
Sunset Lake	MA35086	Ashburnham/Winchendon	274.257	ACRES
Tully Lake	MA35111	Royalston/Athol	213.679	ACRES
Tully Pond	MA35089	Orange	70.152	ACRES
Wallace Pond	MA35092	Ashburnham	46.086	ACRES
Ward Pond	MA35093	Athol	5.899	ACRES
Wheelers Pond	MA35097	Warwick	28.286	ACRES
Wickett Pond	MA35102	Wendell	29.931	ACRES
Wrights Reservoir	MA35104	Gardner/Westminster	130.848	ACRES
Mount Hope Bay				
Cook Pond	MA61001	Fall River, MA/Tiverton, RI	157	ACRES
South Watuppa Pond	MA61006	Fall River/Westport	1473	ACRES
Mystic				
Bellevue Pond	MA71004	Medford	2	ACRES
Cummings Brook	MA71-10	Headwaters east of Wright Street, Woburn to confluence with Fowle Brook, Woburn.	2.1	MILES
Sales Crrek	MA71-12	Headwaters near Route 145, Revere to tidegate/confluence with Belle Isle Inlet, Boston/Revere.	0.008	SQUARE MILES
Shaker Glen Brook	MA71-11	Headwaters, west of Dix Road Extention, Woburn to confluence with Fowle Brook, Woburn (portion culverted underground).	1.5	MILES
Spot Pond	MA71039	Stoneham/Medford	290	ACRES
Narragansett Bay				
Bad Luck Brook	MA53-11	Headwaters, outlet Warren Upper Reservoir, Rehoboth to confluence with East Branch Palmer River, Rehoboth	1.7	MILES
Beaverdam Brook	MA53-10	Headwaters, southeast of Chestnut Street, Rehoboth to confluence with Palmer River, Rehoboth	2.9	MILES
East Branch Palmer River	MA53-08	Headwaters, near Stevens Corner Cemetery, Rehoboth to confluence with West Branch Palmer River (forming Palmer River), Rehoboth	7.2	MILES
Fullers Brook	MA53-12	Headwaters in wetland north of Jacobs Street, Seekonk to confluence with Palmer River, Rehoboth	1.7	MILES
Oak Swamp Brook	MA53-15	Headwaters in Oak Swamp east of School Street, Rehoboth to confluence with Rocky Run, Rehoboth	3	MILES
Rumney Marsh Brook	MA53-09	Headwaters, east of Locust Avenue, Rehoboth to confluence with Beaverdam Brook, Rehoboth	1.3	MILES
Torrey Creek	MA53-14	Headwaters in wetland east of Benson Avenue, Seekonk to Barney Avenue, Rehoboth (includes culverted section near Seekonk Speedway, Seekonk)	2.1	MILES
West Branch Palmer River	MA53-07	From confluence of Bliss Brook, Rehoboth to confluence with East Branch Palmer River (forming Palmer River), Rehoboth	3.8	MILES
Nashua				
Ashby Reservoir	MA81001	Ashby	36	ACRES
Asnebumskit Pond	MA81002	Paxton	43	ACRES

Massachusetts Category 3 Waters
"No uses assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS
Baker Brook	MA81-62	From headwaters at confluence of Pearl Hill and Falulah brooks, Fitchburg to confluence with North Nashua River, Fitchburg	2.5	MILES
Barrett Pond	MA81162	Leominster	7	ACRES
Bartlett Pond	MA81009	Leominster	23	ACRES
Bixby Reservoir	MA81010	Townsend	21	ACRES
Coachlace Pond	MA81019	Clinton	31	ACRES
Coon Tree Pond	MA81168	Pepperell	29	ACRES
Crocker Pond	MA81025	Westminster	101	ACRES
East Waushacum Pond	MA81035	Sterling	182	ACRES
Fall Brook	MA81-38	From the outlet of Fall Brook Reservoir, Leominster to the inlet of Lake Samoset, Leominster (formerly part of segment MA81-14).	1.3	MILES
Fall Brook Reservoir	MA81038	Leominster	88	ACRES
FALULAH BROOK	MA81-63	Headwaters near Ringe Road, Ashby to confluence with Pearl Hill Brook, forming headwaters Baker Brook, Fitchburg (excluding approximately 0.6 miles through Lovell Reservoir segment MA81074)	6	MILES
Fitchburg Reservoir	MA81043	Ashby	150	ACRES
Haynes Reservoir	MA81055	Leominster	56	ACRES
Heald Pond	MA81056	Pepperell	28	ACRES
Hy-Crest Pond	MA81060	Sterling	104	ACRES
Kendall Reservoir	MA81062	Holden	179	ACRES
Lancaster Millpond	MA81065	Clinton	21	ACRES
Lincoln Pond	MA81070	Ashburnham	31	ACRES
Long Pond	MA81073	Ayer/Groton	46	ACRES
Lovell Reservoir	MA81074	Fitchburg	35	ACRES
Lower Crow Hill Pond	MA81026	Princeton/Westminster	14	ACRES
Maple Spring Pond	MA81077	Holden	39	ACRES
Massapoag Pond	MA81080	Lunenburg	64	ACRES
Meetinghouse Pond	MA81083	Westminster	151	ACRES
Mirror Lake	MA81084	Fitchburg	6	ACRES
Morse Reservoir	MA81086	Leominster	15	ACRES
Mulpus Brook	MA81-36	Headwaters, north of Howard Street, Lunenburg to the inlet of Hickory Hills Lake, Lunenburg (formerly part of segment MA81-22).	3.8	MILES
Muschopauge Pond	MA81089	Rutland	61	ACRES
Notown Reservoir	MA81092	Leominster	240	ACRES
Pine Hill Reservoir	MA81102	Paxton/Holden/Rutland	336	ACRES
Quinapoxet Reservoir	MA81108	Holden/Princeton	266	ACRES
Round Meadow Pond	MA81114	Westminster	54	ACRES
Sandy Pond	MA81117	Ayer	69	ACRES

Massachusetts Category 3 Waters
"No uses assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS
Scott Reservoir	MA81119	Fitchburg	33	ACRES
Snows Millpond	MA81127	Fitchburg/Westminster	38	ACRES
South Meadow Pond	MA81129	[East Basin] Clinton	37	ACRES
South Meadow Pond	MA81165	[West Basin] Clinton/Lancaster	34	ACRES
Spectacle Pond	MA81132	Lancaster	61	ACRES
Still River	MA81-15	From Route 117, Bolton to confluence with Nashua River, Harvard/Lancaster.	2.7	MILES
Streeter Pond	MA81136	Paxton/Holden	18	ACRES
The Quag	MA81170	Sterling	32	ACRES
Upper Crow Hill Pond	MA81169	Westminster	5	ACRES
Vinton Pond	MA81145	Townsend	16	ACRES
Wachusett Lake	MA81146	Westminster/Princeton	129	ACRES
West Waushacum Pond	MA81153	Sterling	111	ACRES
Whitmanville Reservoir	MA81109	Westminster/Ashburnham	107	ACRES
Winnekeag Lake	MA81157	Ashburnham	112	ACRES
Wright Pond	MA81159	[West Basin] Ashby	21	ACRES
Neponset				
Blue Hills Reservoir	MA73004	Quincy	12	ACRES
Bubbling Brook	MA73-11	Headwaters (perennial portion), near North Street, Walpole to inlet Pettee Pond, Walpole/Westwood border.	0.9	MILES
Buckmaster Pond	MA73006	Westwood	34	ACRES
Flynns Pond	MA73019	Medfield	7	ACRES
Hammer Shop Pond	MA73023	Sharon	2	ACRES
Lymans Pond	MA73021	Westwood	25	ACRES
Sprague Pond	MA73053	Boston/Dedham	7	ACRES
Steep Hill Brook	MA73-18	Outlet of Pinewood Pond, Stoughton, to the inlet of Bolivar Pond, Canton.	0.9	MILES
Tubwreck Brook	MA73-07	Headwaters - small unnamed pond southeast of Powissett Street, Dover to confluence with Mill Brook just southwest of Dover/Medfield border.	1.6	MILES
Unnamed Tributary	MA73-10	Outlet Turner Pond, Walpole to confluence with Neponset River, Walpole.	0.4	MILES
Unnamed Tributary	MA73-14	Outlet Willet Pond, Walpole/Norwood, to inlet Ellis Pond, Norwood.	0.4	MILES
North Coastal				
Alewife Brook	MA93-26	Headwaters just north of B&M Railroad, Rockport to inlet Babson Reservoir, Gloucester.	0.972	MILES
Babson Reservoir	MA93001	Gloucester	39.661	ACRES
Birch Pond	MA93004	Saugus/Lynn	80.386	ACRES
Breeds Pond	MA93006	Lynn	195.228	ACRES
Browns Pond	MA93008	Peabody	24.491	ACRES
Buswell Pond	MA93009	Gloucester	4.413	ACRES

Massachusetts Category 3 Waters
"No uses assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS
Crystal Lake	MA93018	Wakefield/Stoneham	81.966	ACRES
Fernwood Lake	MA93022	Gloucester	25.379	ACRES
Goose Cove Reservoir	MA93093	Gloucester	57.664	ACRES
Gravelly Pond	MA93028	Hamilton	49.738	ACRES
Haskell Pond	MA93031	Gloucester	58.332	ACRES
Lower Pond	MA93044	Saugus	21.166	ACRES
Mill Pond	MA93050	Gloucester	17.602	ACRES
Niles Pond	MA93052	Gloucester	34.415	ACRES
Quarry Reservoir	MA93053	Rockport	7.44	ACRES
Round Pond	MA93063	Hamilton	37.51	ACRES
Rum Rock Lake	MA93064	Rockport	9.62	ACRES
Spring Pond	MA93073	[South Basin] Peabody/Lynn/Salem	66.216	ACRES
Spring Pond	MA93074	[North Basin] Peabody	16.586	ACRES
Unnamed Tributary	MA93-27	Outlet Babson Reservoir, Gloucester to inlet Mill Pond, Gloucester.	0.745	MILES
Upper Pond	MA93083	Saugus	12.707	ACRES
Walden Pond	MA93084	Lynn/Saugus/Lynnfield	223.113	ACRES
Wallace Pond	MA93085	Gloucester	21.725	ACRES
Parker				
Bull Brook	MA91-04	Headwaters, Ipswich to inlet Bull Brook Reservoir, Ipswich.	1.4	MILES
Bull Brook Reservoir	MA91002	Ipswich	7	ACRES
Central Street Pond	MA91003	Rowley	3	ACRES
Crane Pond	MA91004	Groveland	22	ACRES
Dow Brook Reservoir	MA91005	Ipswich	16	ACRES
Egypt River	MA91-13	Outlet Bull Brook Reservoir, Ipswich to east of Jewett Hill (Latitude 42:42:23.40, Longitude 70:51:47.58 DMS), Ipswich.	1.1	MILES
Jackman Brook	MA91-07	Northeast of intersection of Jewett and Tenney streets, Georgetown to confluence with Wheeler Brook, Georgetown.	0.8	MILES
Little Crane Pond	MA91007	West Newbury	4	ACRES
Ox Pasture Brook	MA91-10	Headwaters - Outlet of small unnamed impoundment east of Bradford Street, Rowley to the outlet of a small unnamed impoundment west of Ox Pasture Hill, Rowley.	2.5	MILES
Quills Pond	MA91011	Newbury	2	ACRES
Sperrys Pond	MA91013	Boxford	26	ACRES
Wilson Pond	MA91017	Rowley	5	ACRES
Quinebaug				
Lake George	MA41016	Wales	93	ACRES
Leadmine Pond	MA41027	Sturbridge	52	ACRES
Little Alum Pond	MA41029	Brimfield	73	ACRES

Massachusetts Category 3 Waters
"No uses assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS
McIntyre Pond	MA41031	Charlton	11	ACRES
Monson Road Pond	MA41059	Wales	4	ACRES
New Boston Road Pond	MA41035	Sturbridge	13	ACRES
No. 3 Reservoir	MA41038	Southbridge	24	ACRES
No. 4 Reservoir	MA41039	Southbridge	69	ACRES
No. 5 Reservoir	MA41040	Southbridge	30	ACRES
Prindle Lake	MA41043	Charlton	75	ACRES
Wales Brook	MA41-08	Headwaters, outlet Lake George, Wales to confluence with Mill Brook, Brimfield.	5.2	MILES
Shawsheen				
Bakers Meadow Pond	MA83002	Andover	21.188	ACRES
Fawn Lake	MA83004	Bedford	11.825	ACRES
Hussey Brook Pond	MA83008	Andover	0.539	ACRES
Pond Street Pond	MA83021	Billerica (unnamed pond west of Pond Street)	3.56	ACRES
Richardson Pond North	MA83020	Billerica/Tewksbury (Richardson Pond North)	45.78	ACRES
Round Pond	MA83018	Tewksbury	24.92	ACRES
Unnamed Tribiutary	MA83-21	Unnamed intermittent tributary to the Shawsheen River locally known as 'Sutton Brook', from headwaters north of Research Drive, Wilmington to confluence with the Shawsheen River, Tewksbury	3	MILES
South Coastal				
Arnold School Pond	MA94004	Pembroke	11.635	ACRES
Bartlett Pond	MA94005	Plymouth	33.268	ACRES
Bloody Pond	MA94015	Plymouth	100.726	ACRES
Boot Pond	MA94016	Plymouth	68.836	ACRES
Bound Brook Pond	MA94017	Norwell	20.861	ACRES
Governor Winslow House Pond	MA94047	Marshfield	22.939	ACRES
Great Sandy Bottom Pond	MA94053	Pembroke	103.094	ACRES
Gunners Exchange Pond	MA94055	Plymouth	26.118	ACRES
Harrobs Corner Bog Pond	MA94061	Plympton	20.054	ACRES
Hoyts Pond	MA94070	Plymouth	19.505	ACRES
Indian Head Pond	MA94071	Hanson	119.478	ACRES
Indian Pond	MA94072	Kingston/Plympton	63.795	ACRES
Island Pond	MA94074	[west of the locality of Cedarville] Plymouth	51.804	ACRES
Island Pond	MA94076	[south of locality of South Pond] Plymouth	12.12	ACRES
Keene Pond	MA94079	Duxbury	10.664	ACRES
Little Herring Pond	MA94082	Plymouth	81.243	ACRES
Little South Pond	MA94087	Plymouth	62.815	ACRES

Massachusetts Category 3 Waters
"No uses assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS
Lout Pond	MA94090	Plymouth	17.8	ACRES
Mill Pond	MA94101	Duxbury	7.022	ACRES
Morey Hole	MA94102	Plymouth	22.456	ACRES
North Hill Marsh Pond	MA94109	Duxbury	42.959	ACRES
North Triangle Pond	MA94110	Plymouth	21.773	ACRES
Pine Lake	MA94120	Duxbury	22.125	ACRES
Pine Street Pond	MA94121	Duxbury	13.845	ACRES
Round Pond	MA94131	Duxbury	6.789	ACRES
Russell Pond	MA94133	Kingston	10.723	ACRES
Shallow Pond	MA94140	Plymouth	18.861	ACRES
Ship Pond	MA94142	Plymouth	10.802	ACRES
South River Pond	MA94148	Duxbury	3.253	ACRES
South Triangle Pond	MA94149	Plymouth	16.968	ACRES
Triangle Pond	MA94160	Plymouth	14.192	ACRES
Unnamed Tributary	MA94-35	unnamed tributary to the Eel River from outlet of cranberry bog south of Valley Road, Plymouth through Forge Pond, to confluence with Eel River, Plymouth.	2.365	MILES
West Chandler Pond	MA94170	Pembroke	9.752	ACRES
Winslow Cemetary Pond	MA94172	Marshfield	6.462	ACRES
Wright Pond	MA94174	Duxbury	30.384	ACRES
Taunton				
Assawompset Pond	MA62003	Lakeville/Middleborough	2033.577	ACRES
Barrowsville Pond	MA62007	Norton	46.658	ACRES
Beaumont Pond	MA62009	Foxborough	24.266	ACRES
Beaver Brook	MA62-30	Source just west of Bay Road, Easton to the inlet Old Pond, Easton.	1.441	MILES
Blakes Pond	MA62221	Mansfield	5.974	ACRES
Briggs Pond	MA62021	Sharon	18.631	ACRES
Carpenter Pond	MA62032	Foxborough	29.392	ACRES
Chaffin Reservoir	MA62035	Pembroke	12.729	ACRES
Chartley Pond	MA62038	Norton/Attleboro	67.578	ACRES
Cobb Brook	MA62-43	Headwaters south of Dunbar Street (in Crapo Bog), Taunton to confluence with the Taunton River, Taunton.	3.521	MILES
Cocasset Lake	MA62043	Foxborough	32.116	ACRES
Cotley River	MA62-41	Headwaters near cranberry bog south off Seekell Street, Taunton (thru Barstows Pond) to the confluence with the Taunton River, Taunton.	5.867	MILES
Coweeset Brook	MA62-22	Source, southwest of Route24/Belmont Street interchange, Brockton to confluence with the Hockomock River, West Bridgewater.	3.898	MILES
Cross Pond	MA62052	Brockton	1.679	ACRES
Cross Street Pond	MA62053	Bridgewater	26.686	ACRES

Massachusetts Category 3 Waters
"No uses assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS
Elm Street Pond	MA62066	Halifax/Hanson	19.146	ACRES
Forge Pond	MA62072	Freetown	55.756	ACRES
Forge River	MA62-37	Outlet of Kings Pond, Raynham to confluence with Taunton River, Raynham.	2.542	MILES
Furnace Lake	MA62076	Foxborough	14.916	ACRES
Great Quittacas Pond	MA62083	Lakeville/Middleborough/Rochester	1124.265	ACRES
Hewitt Pond	MA62088	Raynham	13.642	ACRES
Hockomock River	MA62-35	Source, west of Route 24 and north of the Old Railroad Grade, West Bridgewater to confluence with the Town River, Bridgewater.	5.06	MILES
Kings Pond	MA62101	Raynham	13.043	ACRES
Leach Pond	MA62103	Easton/Sharon	110.709	ACRES
Little Cedar Swamp	MA62106	Easton	90.898	ACRES
Little Quittacas Pond	MA62107	Lakeville/Rochester	294.78	ACRES
Meadow Brook Pond	MA62113	Norton	13.322	ACRES
Mill River	MA62-29	Outlet Whittenton Impoundment, Taunton to the confluence with Taunton River, Taunton.	3.386	MILES
Muddy Cove Brook	MA62-52	Source south of Hart Street, Dighton through Muddy Cove Brook Pond to the outlet of small impoundment behind 333 Main Street (Zeneca Inc.), Dighton (formerly part of segment MA62-23).	1.969	MILES
Muddy Pond	MA62126	Halifax	12.999	ACRES
Muddy Pond	MA62233	Kingston (formerly reported as MA94104).	41.422	ACRES
Mulberry Meadow Brook	MA62-31	Outlet New Pond, Easton to inlet of Winnecunnet Pond, Norton.	4.536	MILES
Mullein Hill Chapel Pond	MA62127	Lakeville	23.07	ACRES
North Center Street Pond	MA62132	Carver	11.812	ACRES
Oakland Pond	MA62136	Taunton	37.618	ACRES
Plymouth Street Pond	MA62141	Halifax/E. Bridgewater	165.015	ACRES
Pocksha Pond	MA62145	Lakeville/Middleborough	592.317	ACRES
Poor Meadow Brook	MA62-34	From a wetland near County Street, Hanson to the confluence with the Satucket River, East Bridgewater.	6.903	MILES
Poquoy Pond	MA62147	Lakeville	9.899	ACRES
Prospect Hill Pond	MA62149	Taunton	41.89	ACRES
Puds Pond	MA62151	Sharon/Easton	22.642	ACRES
Queset Brook	MA62-21	From the outlet of Ames Long Pond, Easton to the confluence with Coweeset Brook, West Bridgewater.	5.113	MILES
Reservoir	MA62157	Hanson	13.195	ACRES
Reservoir	MA62158	Easton	26.913	ACRES
Robbins Pond	MA62162	East Bridgewater	123.732	ACRES
Robinson Pond	MA62163	Mansfield	8.855	ACRES
Route One Pond, West	MA62165	Wrentham	9.876	ACRES
Sawmill Brook	MA62-36	Outlet of Ice Pond, Bridgewater to confluence with Taunton River, Bridgewater.	1.905	MILES

Massachusetts Category 3 Waters
"No uses assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS
Segreganset River Ponds	MA62169	Taunton	13.729	ACRES
Snake River	MA62-28	Outlet of Winnecunnet Pond, Norton to inlet of Lake Sabbatia, Taunton.	3.271	MILES
Sunset Lake	MA62184	Foxborough	13.526	ACRES
The Reservoir	MA62189	Lakeville	22.952	ACRES
Thurston Street Pond	MA62192	Wrentham	6.592	ACRES
Town River	MA62-11	Outlet of Lake Nippenicket, Bridgewater to Route 28 bridge, West Bridgewater.	4.474	MILES
Town River	MA62-12	Route 28 bridge, West Bridgewater to Bridgewater WWTP discharge, Bridgewater.	3.842	MILES
Town River	MA62-13	Bridgewater WWTP discharge, Bridgewater to confluence with Matfield River forming the Taunton River, Bridgewater.	2.356	MILES
Upper Leach Pond	MA62123	(Mountain Street Pond) Sharon	27.881	ACRES
Ward Pond	MA62203	Easton	5.565	ACRES
Whiteville Pond	MA62211	Mansfield	14.418	ACRES
Wolomolopoag Pond	MA62216	Sharon	12.517	ACRES
Ten Mile				
Greenwood Lake	MA52017	Mansfield/N. Attleborough	96.64	ACRES
Hoppin Hill Reservoir	MA52021	North Attleborough	22.446	ACRES
Manchester Pond Reservoir	MA52026	Attleboro	237.347	ACRES
Westfield				
Ashley Cutoff	MA32001	Holyoke	30.738	ACRES
Ashley Pond	MA32002	Holyoke	132.604	ACRES
Borden Brook Reservoir	MA32011	Granville/Blandford	210.832	ACRES
Clear Pond	MA32077	Holyoke	9.772	ACRES
Cobble Mountain Reservoir	MA32018	Blandford/Granville/Russell	1033.76	ACRES
Connor Reservoir	MA32024	Holyoke	17.05	ACRES
Cooley Lake	MA32026	Granville	66.304	ACRES
Crooked Pond	MA32028	Plainfield	33.696	ACRES
Damon Pond	MA32029	Chesterfield/Goshen	77.573	ACRES
Garnet Lake	MA32037	Peru	17.484	ACRES
Glendale Brook	MA32-10	From headwaters in a wetland in Peru State Forest, Peru to confluence with Middle Branch Westfield River, Middlefield.	6.048302	MILES
Granville Reservoir	MA32038	Granville	73.81	ACRES
Hammond Pond	MA32040	Goshen	37.951	ACRES
Littleville Lake	MA32046	Chester/Huntington	251.557	ACRES
Mclean Reservoir	MA32050	Holyoke	55.154	ACRES
Meadow Brook	MA32-11	Outlet of unnamed pond in Plainfield, south of Route 116, to confluence with Westfield River, Cummington.	4.567083	MILES
Middle Branch Westfield River	MA32-03	Littleville Dam, Chester/Huntington to confluence with Westfield River, Huntington.	1.091059	MILES

Massachusetts Category 3 Waters
"No uses assessed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS
North Railroad Pond	MA32053	Holyoke	9.125	ACRES
Norwich Pond	MA32054	Huntington	116.015	ACRES
Paucatuck Brook	MA32-29	From outlet of Bearhole Reservoir, West Springfield to confluence with Westfield River, West Springfield.	1.475756	MILES
Robin Hood Lake	MA32057	Becket	63.634	ACRES
Rudd Pond	MA32060	Becket	71.857	ACRES
Scout Pond	MA32063	Chesterfield	36.779	ACRES
West Falls Branch	MA32-13	Headwaters at confluence of Bronson Brook and an unnamed tributary near the intersection of Dingle Road and Route 143, Worthington to confluence with Westfield River near the village of West Chesterfield, Chesterfield. (formerly identified by the Massachusetts Stream Classification Program as West Branch)	2.791	MILES
Westfield Reservoir	MA32074	Montgomery	40.049	ACRES
Westfield River	MA32-06	Route 20 bridge, Westfield to Westfield city boundary with West Springfield and Agawam.	1.911025	MILES
Wright Pond	MA32078	Holyoke	28.124	ACRES
Yokum Pond	MA32079	Becket	97.745	ACRES
Weymouth & Weir				
Accord Pond	MA74030	Hingham/Norwell/Rockland (formerly reported as MA94002)	103	ACRES
Farm River	MA74-07	From Randolph/Braintree border (where name changes from Blue Hill River), to confluence with Cochato River (forming headwaters of Monatiquot River), Braintree.	3.1	MILES
Hoosicwhisick Pond	MA74015	Milton	23	ACRES
Old Quincy Reservoir	MA74017	Braintree	27	ACRES
Trout Brook	MA74-12	Headwaters southwest of South Street, Holbrook to inlet Lake Holbrook, Holbrook.	1.2	MILES

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Massachusetts Category 4a Waters
"TMDL is completed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	POLLUTANTS ADDRESSED BY TMDL	EPA TMDL NO.
Blackstone						
Brierly Pond	MA51010	Millbury	18	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	175
Dorothy Pond	MA51039	Millbury	133	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Turbidity	379
Eddy Pond	MA51043	Auburn	99	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	2382
Flint Pond	MA51050	[North Basin] Shrewsbury	92	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	444
					Turbidity	444
Flint Pond	MA51188	[South Basin] Shrewsbury/Grafton/Worcester	173	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	444
Green Hill Pond	MA51056	Worcester	29	ACRES	Turbidity	498
Howe Reservoirs	MA51071	[West Basin] Millbury	7	ACRES	Aquatic Plants (Macrophytes)	550
Indian Lake	MA51073	Worcester	186	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					Aquatic Plants (Macrophytes)	2323
					Oxygen, Dissolved	2323
Jordan Pond	MA51078	Shrewsbury	18	ACRES	Turbidity	2385
Lake Quinsigamond	MA51125	Shrewsbury/Worcester	471	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Excess Algal Growth	644
					Oxygen, Dissolved	644
Leesville Pond	MA51087	Auburn/Worcester	34	ACRES	(Non-Native Aquatic Plants*)	
					Oxygen, Dissolved	671
					Phosphorus (Total)	671
Mill Pond	MA51105	Shrewsbury	12	ACRES	Turbidity	804

Massachusetts Category 4a Waters
"TMDL is completed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	POLLUTANTS ADDRESSED BY TMDL	EPA TMDL NO.
Newton Pond	MA51110	Shrewsbury/Boylston	54	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	862
Pondville Pond	MA51120	Auburn/Millbury	36	ACRES	(Non-Native Aquatic Plants*)	
					Excess Algal Growth	938
Shirley Street Pond	MA51196	Shrewsbury	19	ACRES	Aquatic Plants (Macrophytes)	2392
Southwick Pond	MA51157	Leicester/Paxton	42	ACRES	Aquatic Plants (Macrophytes)	2390
Waite Pond	MA51170	Leicester	48	ACRES	Mercury in Fish Tissue	33880
Buzzards Bay						
Back River	MA95-47	Outlet of small unnamed pond downstream from Mill Pond, Bourne to confluence with Phinneys Harbor (excluding Eel Pond), Bourne.	0.083903	SQUARE MILES	Fecal Coliform	36172
Bread and Cheese Brook	MA95-58	Headwaters north of Old Bedford Road, Westport to confluence with East Branch Westport River, Westport.	4.945	MILES	Fecal Coliform	36170
Broad Marsh River	MA95-49	Headwaters in salt marsh south of Marion Road and Bourne Terrace, Wareham to confluence with the Wareham River, Wareham.	0.16223	SQUARE MILES	Fecal Coliform	36172
Buttonwood Brook	MA95-13	Headwaters, at Oakdale Street, New Bedford to mouth at Apponagansett Bay, Dartmouth.	3.783	MILES	Fecal Coliform	36170
Cape Cod Canal	MA95-14	Waterway between Buzzards Bay and Cape Cod Bay, Bourne/Sandwich	1.134	SQUARE MILES	Fecal Coliform	36171
Cedar Island Creek	MA95-52	Headwaters near the intersection of Parker Drive and Camardo Drive, Wareham to the mouth at Marks Cove, Wareham.	0.010713	SQUARE MILES	Fecal Coliform	36172
Crooked River	MA95-51	Outlet of cranberry bog east of Indian Neck Road, Wareham to the confluence with the Wareham River, Wareham.	0.043267	SQUARE MILES	Fecal Coliform	36172
East Branch Westport River	MA95-40	Outlet Noquochoke Lake, Dartmouth to Old County Road bridge, Westport.	2.862	MILES	Fecal Coliform	36170
Eel Pond	MA95-48	Salt water pond that discharges to the Back River, Bourne.	0.032	SQUARE MILES	Fecal Coliform	36172
Great Sippewisset Creek	MA95-23	From the outlet of Beach Pond in Great Sippewisset Marsh, Falmouth to the mouth at Buzzards Bay, Falmouth (including the unnamed tributary from the outlet of Fresh Pond and Quahog Pond).	0.030751	SQUARE MILES	Fecal Coliform	36172
Harbor Head	MA95-46	The semi-enclosed body of water south of the confluence with West Falmouth Harbor, south of Chappaquoit Road, Falmouth.	0.022	SQUARE MILES	Estuarine Bioassessments	34284
					Fecal Coliform	36172
Hiller Cove	MA95-10	The water landward of a line drawn between Joes Point, Mattapoisett and the second boat dock northeast of Hiller Cove Lane, Mattapoisett	0.039	SQUARE MILES	Fecal Coliform	36172

* TMDL not required (Non-pollutant)

Massachusetts Category 4a Waters
"TMDL is completed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	POLLUTANTS ADDRESSED BY TMDL	EPA TMDL NO.
Little Bay	MA95-64	From the confluence with the Nasketucket River, Fairhaven south to the confluence with Nasketucket Bay at a line from the southernmost tip of Mirey Neck, Fairhaven (~latitude 41.625702, ~longitide 70.854045) to a point of land near Shore Drive (~latitude 41.621994, ~longitude 70.855415), Fairhaven	0.361	SQUARE MILES	Fecal Coliform	36172
Little Sippewisset Marsh	MA95-24	From headwater north of Sippewisset Road and west of Maker Lane, Falmouth to the mouth at Buzzards Bay southwest of end of Saconesset Road, Falmouth	0.021	SQUARE MILES	Fecal Coliform	36172
Long Pond	MA95097	Rochester	32.363	ACRES	Mercury in Fish Tissue	33880
Mattapoisett Harbor	MA95-35	From the mouth of the Mattapoisett River, Mattapoissett to a line drawn from Ned Point to a point of land between Bayview Avenue and Grandview Avenue, Mattapoisett	1.118	SQUARE MILES	Fecal Coliform	36172
Mattapoisett River	MA95-60	From the River Road bridge, Mattapoisett to the mouth at Mattapoisett Harbor, Mattapoisett.	0.048	SQUARE MILES	Fecal Coliform	36172
Nasketucket Bay	MA95-65	From the confluence with Little Bay, Fairhaven to Buzzards Bay along Causeway Road, Fairhaven (on the south) and along a line from the southern tip of Brant Island, Mattapoisett to the eastern tip of West Island, Fairhaven	3.686	SQUARE MILES	Fecal Coliform	36172
Oyster Pond	MA95927	west of Route 28A, Falmouth.	0.01	SQUARE MILES	Estuarine Bioassessments	34331
					Oxygen, Dissolved	34331
Phinneys Harbor	MA95-15	From the confluence with the Back River, to the mouth at Buzzards Bay (demarcated by a line from the southeastern point of Mashnee Island to the northwestern point of Toby Island), Bourne.	0.726	SQUARE MILES	Fecal Coliform	36172
					Nitrogen (Total)	35069
Pocasset River	MA95-16	From the outlet of Mill Pond, Bourne to the mouth at Buzzards Bay, Bourne.	0.052145	SQUARE MILES	Fecal Coliform	36172
Quissett Harbor	MA95-25	The semi-enclosed body of water landward of a line drawn between The Knob and Gansett Point, Falmouth.	0.171	SQUARE MILES	Fecal Coliform	36172
Red Brook Harbor	MA95-18	From the confluence with Pocasset Harbor between the northern portion of Bassetts Island and Patuisset, Bourne to the mouth at Buzzards Bay between the southern portion of Bassetts Island and Scraggy Neck, Bourne (including Hen Cove).	0.92	SQUARE MILES	Fecal Coliform	36172
Sippican Harbor	MA95-69	The waters between a line demarcating the mouth of the harbor (from Converse Point to Butler Point, Marion) and a line from Allens Point, Marion around the southeastern tip of Ram Island, then westerly from the southern tip of Ram Island, to the point of land south of Nyes Wharf, Marion excluding Blanketship Cove and Planting Island Cove (formerly reported as a portion of segment MA95-08).	1.943	SQUARE MILES	Fecal Coliform	36172

* TMDL not required (Non-pollutant)

Massachusetts Category 4a Waters
"TMDL is completed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	POLLUTANTS ADDRESSED BY TMDL	EPA TMDL NO.
Sippican River	MA95-07	County Road, Marion/Webster to confluence with Weweantic River, Marion/Wareham.	0.081378	SQUARE MILES	Fecal Coliform	36172
Snell Creek	MA95-44	Headwaters west of Main Street, Westport to Drift Road, Westport.	1.487208	MILES	Fecal Coliform	36170
Snell Creek	MA95-45	Drift Road, Westport to 'Marcus' Bridge', Westport	0.362	MILES	Fecal Coliform	36170
Snell Creek	MA95-59	'Marcus' Bridge', Westport to confluence with East Branch Westport River, Westport.	0.008	SQUARE MILES	Fecal Coliform	36172
Snipatuit Pond	MA95137	Rochester	644.187	ACRES	Mercury in Fish Tissue	33880
Turner Pond	MA95151	New Bedford/Dartmouth	86.005	ACRES	Mercury in Fish Tissue	33880
Wankinco River	MA95-50	From Elm Street, Wareham to the confluence with the Agawam River (at a line between a point south of Mayflower Ridge Drive and a point north of the railroad tracks near Sandwich Road), Wareham.	0.049024	SQUARE MILES	Fecal Coliform	36172
West Falmouth Harbor	MA95-22	From the confluence with Harbor Head at Chappaquoit Road, Falmouth to the mouth at Buzzards Bay at a line connecting the ends of the seawalls from Little Island and Chappaquoit Point, Falmouth (including Inner West Falmouth Harbor, Outer West Falmouth Harbor, Snug Harbor, and Mashapaquit Creek).	0.29	SQUARE MILES	Estuarine Bioassessments	34328
					Estuarine Bioassessments	34332
					Fecal Coliform	36172
					Nitrogen (Total)	34328
					Nitrogen (Total)	34332
					Nitrogen (Total)	34917
					Nitrogen (Total)	34918
White Island Pond	MA95166	(East Basin) Plymouth/Wareham	164.803	ACRES	(Non-Native Aquatic Plants*)	
					Chlorophyll-a	38912
					Excess Algal Growth	38912
					Oxygen, Dissolved	38912
					Phosphorus (Total)	38912
					Secchi disk transparency	38912
White Island Pond	MA95173	(West Basin) Plymouth/Wareham	122.074	ACRES	(Non-Native Aquatic Plants*)	
					Excess Algal Growth	38914
					Oxygen, Dissolved	38914
					Phosphorus (Total)	38914
Wild Harbor	MA95-20	Falmouth.	0.145	SQUARE MILES	Fecal Coliform	36172
Cape Cod						
Areys Pond	MA96-70	Orleans	0.02	SQUARE MILES	Estuarine Bioassessments	33786
					Nitrogen (Total)	33786

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Massachusetts Category 4a Waters
"TMDL is completed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	POLLUTANTS ADDRESSED BY TMDL	EPA TMDL NO.
Baker Pond	MA96008	Orleans/Brewster	26	ACRES	Mercury in Fish Tissue	33880
Bearse Pond	MA96012	Barnstable	64	ACRES	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	42393
Bournes Pond	MA96-57	west of Central Avenue, Falmouth to Vineyard Sound, including Israels Cove, Falmouth.	0.24	SQUARE MILES	Estuarine Bioassessments	32535
					Estuarine Bioassessments	32638
					Fecal Coliform	36772
					Nitrogen (Total)	32535
					Nitrogen (Total)	32638
Bucks Creek	MA96-44	Outlet from Harding Beach Pond (locally known as Sulfur Springs), Chatham to confluence with Cockle Cove, Nantucket Sound, Chatham.	0.02	SQUARE MILES	Enterococcus	36772
					Fecal Coliform	36772
					Nitrogen (Total)	36230
Bumps River	MA96-02	From outlet of pond at Bumps River Road, Barnstable through Scudder Bay to South Main Street bridge (confluence with Centerville River), Barnstable.	0.07	SQUARE MILES	Fecal Coliform	36771
Centerville River	MA96-04	Approximately 300 feet west of Elliot Road, Barnstable to confluence with Centerville Harbor, including East Bay, Barnstable.	0.24	SQUARE MILES	Estuarine Bioassessments	33858
					Fecal Coliform	36771
					Nitrogen (Total)	33858
Chase Garden Creek	MA96-35	New Boston Road, Dennis to mouth at Cape Cod Bay, Dennis/Yarmouth.	0.13	SQUARE MILES	Fecal Coliform	36771
Cockle Cove Creek	MA96-79	Northeast of the bend in Cockle Drive, Chatham to confluence with Bucks Creek, Chatham (2005 orthophotos used to delineate segment).	0.007	SQUARE MILES	Enterococcus	42353
					Fecal Coliform	42353
Cotuit Bay	MA96-63	From North Bay at Point Isabella, Barnstable oceanward to a line extended along Oyster Harbors Beach, Barnstable.	0.85	SQUARE MILES	Fecal Coliform	36582
					Nitrogen (Total)	33988
Dock Creek	MA96-86	From railroad crossing northeast of Route 6A, Sandwich to confluence with Old Harbor Creek, Sandwich.	0.02	SQUARE MILES	Fecal Coliform	42354
Duck Creek	MA96-32	Source west of Route 6, Wellfleet to Wellfleet Harbor (at a line from Shirttail Point to Taylor Road), Wellfleet.	0.15	SQUARE MILES	Fecal Coliform	36772
Duck Pond	MA96068	Wellfleet	11	ACRES	Mercury in Fish Tissue	33880
Dyer Pond	MA96070	Wellfleet	10	ACRES	Mercury in Fish Tissue	33880
East Harbor (Pilgrim Lake)	MA96-83	Truro/Provincetown	0.5	SQUARE MILES	Fecal Coliform	42355
Frost Fish Creek	MA96-49	Outlet from cranberry bog northwest of Stony Hill Road, Chatham to confluence with Ryder Cove, Chatham.	0.01	SQUARE MILES	Fecal Coliform	22513
					Nitrogen (Total)	33781

* TMDL not required (Non-pollutant)

Massachusetts Category 4a Waters
"TMDL is completed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	POLLUTANTS ADDRESSED BY TMDL	EPA TMDL NO.
Great Harbor	MA96-18	The waters north of an imaginary line drawn east from Penzance Point to Devils Foot Island and southeast from Devils Foot Island to Juniper Point (excludes Eel Pond), Falmouth.	0.31	SQUARE MILES	Fecal Coliform	36772
Great Pond	MA96114	Truro	17	ACRES	Mercury in Fish Tissue	33880
Great Pond	MA96117	Wellfleet	41	ACRES	Mercury in Fish Tissue	33880
Great Pond	MA96-54	From inlet of Coonamessett River, Falmouth to Vineyard Sound (excluding Perch Pond), Falmouth.	0.4	SQUARE MILES	Estuarine Bioassessments	32532
					Nitrogen (Total)	32532
Great River	MA96-60	From inlet of Abigails Brook, Mashpee to Waquoit Bay (excluding Jehu Pond), Mashpee.	0.16	SQUARE MILES	Estuarine Bioassessments	33815
					Nitrogen (Total)	33815
Green Pond	MA96-55	east of Acapesket Road, Falmouth outlet to Vineyard Sound, Falmouth.	0.21	SQUARE MILES	Estuarine Bioassessments	32534
					Fecal Coliform	36772
					Nitrogen (Total)	32534
Halls Creek	MA96-93	Estuarine portion, from Craigville Beach Road, Barnstable to mouth at Centerville Harbor, Barnstable.	0.07	SQUARE MILES	Fecal Coliform	42356
Hamblin Pond	MA96-58	From inlet of Red Brook, Falmouth/Mashpee to outlet of Little River, Mashpee and inlet/outlet of Waquoit Bay west of Meadow Neck Road, Falmouth/Mashpee.	0.19	SQUARE MILES	Estuarine Bioassessments	33812
					Fecal Coliform	36771
					Nitrogen (Total)	33812
Harding Beach Pond	MA96-43	locally known as Sulfur Springs (northeast of Bucks Creek), Chatham.	0.07	SQUARE MILES	Fecal Coliform	36772
					Nitrogen (Total)	36229
Herring River	MA96-22	Outlet of Herring River Reservoir (at North Harwich Reservoir Dam) west of Bells Neck Road, Harwich to mouth at Nantucket Sound, Harwich.	0.07	SQUARE MILES	Fecal Coliform	36772
Horseleach Pond	MA96144	Truro	23	ACRES	Mercury in Fish Tissue	42401
Hyannis Harbor	MA96-05	The waters from the shoreline to an imaginary line drawn from the light at the end of Hyannis breakwater, Barnstable to the point west of Dunbar Point, Barnstable.	0.68	SQUARE MILES	Fecal Coliform	36771
Jehu Pond	MA96-59	Mashpee.	0.09	SQUARE MILES	Estuarine Bioassessments	33814
					Nitrogen (Total)	33814
Johns Pond	MA96157	Mashpee	316	ACRES	Mercury in Fish Tissue	33880
Lawrence Pond	MA96165	Sandwich	138	ACRES	Mercury in Fish Tissue	42402
Little Harbor	MA96-19	The waters north of an imaginary line drawn from Juniper Point, Falmouth east to Nobska Beach, Falmouth.	0.07	SQUARE MILES	Fecal Coliform	36772

Massachusetts Category 4a Waters
"TMDL is completed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	POLLUTANTS ADDRESSED BY TMDL	EPA TMDL NO.
Little Namskaket Creek	MA96-26	Source to mouth at Cape Cod Bay, Orleans.	0.01	SQUARE MILES	Fecal Coliform	36772
Little Pleasant Bay	MA96-78	Waters north and east of imaginary lines drawn from the northeasterly edge of Orleans (near The Horseshoe), southeasterly to the northeastern tip of Sipson Island, then continuing to and around the northeastern border of Sipson Meadow, Orleans then south to the northern tip of Strong Island, Chatham then east to a point on the inner Cape Cod National Seashore (excluding the delineated segments; The River, Pochet Neck, and Paw Wah Pond).	3.3	SQUARE MILES	Fecal Coliform	42358
					Nitrogen (Total)	33794
Little Pond	MA96-56	west of Vista Boulevard, Falmouth outlet to Vineyard Sound, Falmouth.	0.07	SQUARE MILES	Estuarine Bioassessments	34009
					Fecal Coliform	42364
Little River	MA96-61	From outlet of Hamblin Pond, Mashpee to the Great River, Mashpee.	0.02	SQUARE MILES	Estuarine Bioassessments	33813
					Nitrogen (Total)	33813
Long Pond	MA96179	Wellfleet	35	ACRES	Mercury in Fish Tissue	33880
Maraspin Creek	MA96-06	From Commerce Road, Barnstable to confluence with Barnstable Harbor at Blish Point, Barnstable.	0.03	SQUARE MILES	Fecal Coliform	36771
Mashpee Pond	MA96194	Mashpee/Sandwich	377	ACRES	Mercury in Fish Tissue	33880
Mashpee River	MA96-24	Quinaquisset Avenue, Mashpee to mouth at Shoestring Bay (formerly to mouth at Popponesset Bay), Mashpee.	0.08	SQUARE MILES	Estuarine Bioassessments	33965
					Fecal Coliform	36771
Mill Creek	MA96-37	From Keveney Lane/Mill Lane, Barnstable/Yarmouth north to confluence with Cape Cod Bay, Barnstable/Yarmouth.	0.03	SQUARE MILES	Fecal Coliform	36771
Mill Creek	MA96-41	Outlet of Taylors Pond, Chatham to confluence with Cockle Cove, Chatham.	0.03	SQUARE MILES	Fecal Coliform	36772
Mill Creek	MA96-85	Headwaters, outlet Shawme Lake Lower, Sandwich to confluence with Old Harbor Creek, Sandwich.	0.02	SQUARE MILES	Fecal Coliform	42366
Mill Pond	MA96-52	including Little Mill Pond (PALIS # 96174), Chatham.	0.06	SQUARE MILES	Estuarine Bioassessments	36222
					Nitrogen (Total)	36222
Muddy Creek	MA96-51	Source south of Countryside Drive and north-northeast of Old Queen Anne Road, Chatham to mouth at Pleasant Bay, Harwich/Chatham, including Upper and Lower reaches.	0.05	SQUARE MILES	Fecal Coliform	22512
					Nitrogen (Total)	33797
					Nitrogen (Total)	33798
Namequoit River	MA96-71	Headwaters, outlet Areys Pond, Orleans to confluence with The River, Orleans.	0.06	SQUARE MILES	Estuarine Bioassessments	33791
					Nitrogen (Total)	33791
Namskaket Creek	MA96-27	Source west of Route 6, Orleans to mouth at Cape Cod Bay, Brewster/Orleans.	0.03	SQUARE MILES	Fecal Coliform	36772

Massachusetts Category 4a Waters
"TMDL is completed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	POLLUTANTS ADDRESSED BY TMDL	EPA TMDL NO.
North Bay	MA96-66	From Fox Island to just south of Bridge Street and separated from Cotuit Bay at a line from Point Isabella, Barnstable southward to the opposite shore (including Dam Pond), Barnstable.	0.47	SQUARE MILES	Estuarine Bioassessments	33990
					Fecal Coliform	36584
Old Harbor Creek	MA96-84	From Foster Road, Sandwich to Sandwich Harbor, Sandwich.	0.06	SQUARE MILES	Fecal Coliform	42367
Oyster Pond	MA96-45	Including Stetson Cove, Chatham.	0.21	SQUARE MILES	Estuarine Bioassessments	36219
					Fecal Coliform	36772
					Nitrogen (Total)	36219
Oyster Pond	MA96-62	east of Fells Road, Falmouth.	0.1	SQUARE MILES	Estuarine Bioassessments	34345
					Fecal Coliform	36772
					Oxygen, Dissolved	34345
Oyster Pond River	MA96-46	Outlet of Oyster Pond, Chatham to confluence with Stage Harbor, Chatham.	0.14	SQUARE MILES	Estuarine Bioassessments	36220
					Fecal Coliform	36772
					Nitrogen (Total)	36220
Pamet River	MA96-31	Tidegate at Route 6A, Truro to mouth at Cape Cod Bay (including Pamet Harbor), Truro.	0.14	SQUARE MILES	Fecal Coliform	36772
Parkers River	MA96-38	Outlet Seine Pond, Yarmouth to mouth at Nantucket Sound, Yarmouth.	0.04	SQUARE MILES	Fecal Coliform	36771
Paw Wah Pond	MA96-72	Orleans	0.008	SQUARE MILES	Estuarine Bioassessments	33792
					Fecal Coliform	42368
					Nitrogen (Total)	33792
Perch Pond	MA96-53	Connects to northwest end of Great Pond, west of Keechipam Way, Falmouth.	0.03	SQUARE MILES	Nitrogen (Total)	32537
Peters Pond	MA96244	Sandwich	123	ACRES	Mercury in Fish Tissue	33880
Pleasant Bay	MA96-77	The waters between the mouth of Muddy Creek, Harwich and imaginary lines drawn from the northeastern edge of Orleans (near The Horseshoe), southeasterly to the northeastern tip of Sipson Island, then continuing to and around the northeastern border of Sipson Meadow, Orleans then south to the northern tip of Strong Island, Chatham and from the southeastern tip of Strong Island to Allen Point, Chatham (excluding the delineated segments; Bassing Harbor, Round Cove and Quanset Pond).	2.88	SQUARE MILES	Nitrogen (Total)	33799
Pochet Neck	MA96-73	to confluence with Little Pleasant Bay, Orleans.	0.24	SQUARE MILES	Estuarine Bioassessments	33793
					Fecal Coliform	42369
					Nitrogen (Total)	33793

* TMDL not required (Non-pollutant)

Massachusetts Category 4a Waters
"TMDL is completed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	POLLUTANTS ADDRESSED BY TMDL	EPA TMDL NO.
Popponesset Bay	MA96-40	From line connecting Ryefield Point, Barnstable and Punkhorn Point, Mashpee to inlet of Nantucket Sound (including Ockway Bay and Pinquickset Cove), Mashpee/Barnstable.	0.68	SQUARE MILES	Estuarine Bioassessments	33967
					Estuarine Bioassessments	33968
					Estuarine Bioassessments	33969
Prince Cove	MA96-07	Includes areas east of Prince Cove which are locally known as "Warren Cove" and "Prince Cove Channel", Barnstable.	0.14	SQUARE MILES	Estuarine Bioassessments	33991
					Estuarine Bioassessments	33992
					Estuarine Bioassessments	33993
					Fecal Coliform	36585
Provincetown Harbor	MA96-29	The waters northwest of an imaginary line drawn northeasterly from the tip of Long Point, Provincetown to Beach Point Beach, Truro (area associated with Cape Cod National Seashore designated as ORW).	4.33	SQUARE MILES	Fecal Coliform	36772
Quanset Pond	MA96-74	Orleans.	0.02	SQUARE MILES	Nitrogen (Total)	33791
					Nitrogen (Total)	33795
Quashnet River	MA96-20	Just south of Route 28, Falmouth to mouth at Waquoit Bay, Falmouth. Also known as Moonakis River.	0.07	SQUARE MILES	Fecal Coliform	36772
					Nitrogen (Total)	33811
					Oxygen, Dissolved	33811
Quivett Creek	MA96-09	Outlet of unnamed pond just south of Route 6A, Brewster/Dennis to the mouth at Cape Cod Bay, Brewster/Dennis.	0.04	SQUARE MILES	Fecal Coliform	36771
Rock Harbor Creek	MA96-16	Outlet Cedar Pond, Orleans to mouth at Cape Cod Bay, Eastham/Orleans.	0.03	SQUARE MILES	Fecal Coliform	36772
Round Cove	MA96-75	Harwich.	0.02	SQUARE MILES	Nitrogen (Total)	33796
Round Pond (East)	MA96260	Truro	6	ACRES	Mercury in Fish Tissue	42403
Round Pond (West)	MA96261	Truro	2	ACRES	Mercury in Fish Tissue	42404
Ryder Cove	MA96-50	Chatham	0.19	SQUARE MILES	Estuarine Bioassessments	33780
					Fecal Coliform	36772
					Nitrogen (Total)	33780
Santuit River	MA96-92	From confluence with fresh water portion south of Old Mill Road, Mashpee to mouth at Shoestring Bay, Mashpee/Barnstable.	0.008	SQUARE MILES	Fecal Coliform	42360
Saquatucket Harbor	MA96-23	South of Route 28, Harwich to confluence with Nantucket Sound, Harwich.	0.02	SQUARE MILES	Fecal Coliform	36772
Scorton Creek	MA96-30	Jones Lane, Sandwich to mouth at Cape Cod Bay, Sandwich.	0.03	SQUARE MILES	Fecal Coliform	36771

Massachusetts Category 4a Waters
"TMDL is completed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	POLLUTANTS ADDRESSED BY TMDL	EPA TMDL NO.
Seapuit River	MA96-64	south of Osterville Grand Island, Barnstable to Cotuit Bay and West Bay, Barnstable.	0.06	SQUARE MILES	Fecal Coliform	36583
Sesuit Creek	MA96-13	Approximately 625 feet east of Route 6A, Dennis to mouth at Sesuit Harbor, Cape Cod Bay, Dennis.	0.01	SQUARE MILES	Fecal Coliform	36771
Sheep Pond	MA96289	Brewster	138	ACRES	Mercury in Fish Tissue	33880
Shoestring Bay	MA96-08	Quinaquisset Avenue, Mashpee/Barnstable to Popponesset Bay (line from Ryefield Point, Barnstable to Punkhorn Point, Mashpee, including Gooseberry Island), Barnstable/Mashpee.	0.31	SQUARE MILES	Estuarine Bioassessments	33966
					Fecal Coliform	36771
Slough Pond	MA96298	Truro	29	ACRES	Mercury in Fish Tissue	33880
Snake Pond	MA96302	Sandwich	81	ACRES	Mercury in Fish Tissue	33880
Snow Pond	MA96303	Truro	7	ACRES	Mercury in Fish Tissue	33880
Snows Creek	MA96-81	East of Old Colony Road, Barnstable to mouth at Lewis Bay, Barnstable.	0.02	SQUARE MILES	Fecal Coliform	42361
Spectacle Pond	MA96306	Wellfleet	2	ACRES	Mercury in Fish Tissue	42405
Spectacle Pond	MA96307	Sandwich	93	ACRES	Mercury in Fish Tissue	42406
Springhill Creek	MA96-87	From railroad crossing northeast of Route 6A, Sandwich to confluence with Old Harbor Creek, Sandwich.	0.01	SQUARE MILES	Fecal Coliform	42362
Stage Harbor	MA96-11	From the outlet of Mill Pond, Chatham (including Mitchell River) to the confluence with Nantucket Sound at a line from the southernmost point of Harding Beach southeast to the Harding Beach Point , Chatham.	0.56	SQUARE MILES	Fecal Coliform	36772
Stewarts Creek	MA96-94	Estuarine portion west of Stetson Street, Barnstable to mouth at Hyannis Harbor, Barnstable.	0.01	SQUARE MILES	Fecal Coliform	42363
Taylors Pond	MA96-42	Chatham	0.02	SQUARE MILES	Fecal Coliform	36772
					Nitrogen (Total)	36231
The River	MA96-76	The water landward of an imaginary line drawn between Old Field Point and Namequoit Point including Meetinghouse Pond, and Kescayo Gansett Pond locally known as "Lonnies Pond", Orleans (excluding the delineated segments; Namequoit River and Areys Pond).	0.42	SQUARE MILES	Estuarine Bioassessments	33787
					Estuarine Bioassessments	33788
					Estuarine Bioassessments	33789
					Estuarine Bioassessments	33790
					Fecal Coliform	42359
					Nitrogen (Total)	33787
					Nitrogen (Total)	33788
					Nitrogen (Total)	33789
					Nitrogen (Total)	33790
Wakeby Pond	MA96346	Mashpee/Sandwich	353	ACRES	Mercury in Fish Tissue	33880

Massachusetts Category 4a Waters
"TMDL is completed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	POLLUTANTS ADDRESSED BY TMDL	EPA TMDL NO.
Wequaquet Lake	MA96333	Barnstable	576	ACRES	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	33880
West Bay	MA96-65	South of the Bridge Street bridge, Barnstable to Nantucket Sound including Eel River, Barnstable.	0.52	SQUARE MILES	Estuarine Bioassessments	33989
Charles						
Beaver Pond	MA72004	Bellingham/Milford	86.679	ACRES	Mercury in Fish Tissue	42394
Bogastow Brook	MA72-16	Headwaters, outlet Factory Pond, Holliston to inlet South End Pond, Millis.	9.492	MILES	Fecal Coliform	32373
Cedar Swamp Pond	MA72016	locally known as "Milford Pond", Milford	98.978	ACRES	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	42395
					Oxygen, Dissolved	40319
Charles River	MA72-01	Headwaters, outlet Echo Lake, Hopkinton to Dilla Street (just upstream of Cedar Swamp Pond), Milford.	2.482	MILES	(Low flow alterations*)	
					(Other flow regime alterations*)	
					Oxygen, Dissolved	40318
Charles River	MA72-33	Outlet Cedar Swamp Pond, Milford to the Milford WWTF discharge, Hopedale (formerly part of segment MA72-02).	2.037	MILES	(Physical substrate habitat alterations*)	
					Escherichia coli	32364
					Nutrient/Eutrophication Biological Indicators	40317
Cheese Cake Brook	MA72-29	Emerges south of Route 16, Newton to confluence with the Charles River, Newton.	1.416	MILES	(Alteration in stream-side or littoral vegetative covers*)	
					(Other anthropogenic substrate alterations*)	
					Dissolved oxygen saturation	40317
					Escherichia coli	32380
					Excess Algal Growth	40317
					Phosphorus (Total)	40317
Echo Lake	MA72035	Milford/Hopkinton	72.335	ACRES	Mercury in Fish Tissue	33880
Factory Pond	MA72037	Holliston	9.699	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	40319
Franklin Reservoir Northeast	MA72095	Franklin	21.03	ACRES	Aquatic Plants (Macrophytes)	40319
					Turbidity	40319
Franklin Reservoir Southwest	MA72032	Franklin	13.12	ACRES	Aquatic Plants (Macrophytes)	40319
					Turbidity	40319

Massachusetts Category 4a Waters
"TMDL is completed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	POLLUTANTS ADDRESSED BY TMDL	EPA TMDL NO.
Hardys Pond	MA72045	Waltham	42.769	ACRES	(Non-Native Aquatic Plants*)	
					Excess Algal Growth	40319
					Phosphorus (Total)	40319
					Turbidity	40319
Houghton Pond	MA72050	Holliston	17.521	ACRES	(Non-Native Aquatic Plants*)	
					Excess Algal Growth	40319
					Turbidity	40319
Lake Pearl	MA72092	Wrentham	236.692	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Oxygen, Dissolved	40319
Linden Pond	MA72063	Holliston	1.399	ACRES	Aquatic Plants (Macrophytes)	40319
					Turbidity	40319
Lymans Pond	MA72070	Dover	4.395	ACRES	Aquatic Plants (Macrophytes)	40319
					Turbidity	40319
Mirror Lake	MA72078	Wrentham/Norfolk	61.55	ACRES	(Non-Native Aquatic Plants*)	
					Nutrient/Eutrophication Biological Indicators	40319
					Phosphorus (Total)	40319
					Secchi disk transparency	40319
Rosemary Brook	MA72-25	Headwaters, outlet Rosemary Lake, Needham to confluence with the Charles River, Wellesley.	3.266	MILES	Oxygen, Dissolved	40317
					Phosphorus (Total)	40317
South Meadow Brook	MA72-24	From emergence west of Parker Street, Newton to confluence with the Charles River, Newton (sections culverted).	1.706	MILES	(Bottom Deposits*)	
					(Debris/Floatables/Trash*)	
					(Physical substrate habitat alterations*)	
					Escherichia coli	32377
					Oxygen, Dissolved	40317
					Phosphorus (Total)	40317
					Turbidity	40317
Uncas Pond	MA72122	Franklin	17.3	ACRES	(Non-Native Aquatic Plants*)	
					Oxygen, Dissolved	40319

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Massachusetts Category 4a Waters
"TMDL is completed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	POLLUTANTS ADDRESSED BY TMDL	EPA TMDL NO.
Unnamed tributary	MA72-32	Locally known as Sawins Brook - emerges east of Elm Street, Watertown to confluence with the Charles River, Watertown (sections culverted).	0.539	MILES	Escherichia coli	32382
Chicopee						
Browning Pond	MA36025	Oakham/Spencer	106	ACRES	(Non-Native Aquatic Plants*)	
					Nutrient/Eutrophication Biological Indicators	3626
Lake Lashaway	MA36079	North Brookfield/East Brookfield	274	ACRES	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	33880
Long Pond	MA36083	Springfield	14	ACRES	Nutrient/Eutrophication Biological Indicators	722
Minechoag Pond	MA36093	Ludlow	21	ACRES	Nutrient/Eutrophication Biological Indicators	3629
Mona Lake	MA36094	Springfield	11	ACRES	Nutrient/Eutrophication Biological Indicators	3630
Pottapaug Pond	MA36125	Petersham/Hardwick	568	ACRES	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	33880
Quabbin Reservoir	MA36129	Petersham/Pelham/Ware/Hardwick/Shutesbury/Belchertown/New Salem	24012	ACRES	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	33880
Quacumquasit Pond	MA36131	Brookfield/East Brookfield/Sturbridge	223	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	33880
Spectacle Pond	MA36142	Wilbraham	9	ACRES	Nutrient/Eutrophication Biological Indicators	3631
Sugden Reservoir	MA36150	Spencer	85	ACRES	Nutrient/Eutrophication Biological Indicators	3633
Wickaboag Pond	MA36166	West Brookfield	315	ACRES	Aquatic Plants (Macrophytes)	1332
					Turbidity	1332
Concord						
Ashland Reservoir	MA82003	Ashland	167.961	ACRES	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	42396
Boons Pond	MA82011	Stow/Hudson	173.442	ACRES	(Non-Native Aquatic Plants*)	
					Excess Algal Growth	2353
					Mercury in Fish Tissue	33880
Nutting Lake	MA82124	[West Basin] Billerica	51.408	ACRES	Mercury in Fish Tissue	33880
Sudbury Reservoir	MA82106	Southborough/Marlborough	1177.986	ACRES	Mercury in Fish Tissue	33880
Walden Pond	MA82109	Concord	62.946	ACRES	Mercury in Fish Tissue	33880

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Massachusetts Category 4a Waters
"TMDL is completed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	POLLUTANTS ADDRESSED BY TMDL	EPA TMDL NO.
Warners Pond	MA82110	Concord	59.338	ACRES	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	33880
Connecticut						
Bachelor Brook	MA34-07	Outlet Forge Pond, Granby to confluence with Connecticut River, South Hadley (through former segments Aldrich Lake [East Basin] MA34002 and Aldrich Lake [West Basin] MA34106).	11.606	MILES	Nutrient/Eutrophication Biological Indicators	5
					Nutrient/Eutrophication Biological Indicators	6
Lake Warner	MA34098	Hadley	65.132	ACRES	(Non-Native Aquatic Plants*)	
					Excess Algal Growth	651
					Oxygen, Dissolved	651
					Phosphorus (Total)	651
					Turbidity	651
Lake Wyola	MA34103	Shutesbury	126.119	ACRES	Nutrient/Eutrophication Biological Indicators	653
					Phosphorus (Total)	653
Leverett Pond	MA34042	Leverett	90.709	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Nutrient/Eutrophication Biological Indicators	675
Loon Pond	MA34045	Springfield	25.104	ACRES	Nutrient/Eutrophication Biological Indicators	726
Deerfield						
Ashfield Pond	MA33001	Ashfield	38.041	ACRES	Mercury in Fish Tissue	42397
Plainfield Pond	MA33017	Plainfield	59.616	ACRES	Mercury in Fish Tissue	33880
Farmington						
Otis Reservoir	MA31027	Otis/Tolland/Blandford	988.88	ACRES	Mercury in Fish Tissue	33880
French						
Buffumville Lake	MA42005	Charlton/Oxford	199	ACRES	(Non-Native Aquatic Plants*)	
					Excess Algal Growth	2358
					Mercury in Fish Tissue	33880
Cedar Meadow Pond	MA42009	Leicester	140	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	2359
Dresser Hill Pond	MA42014	Charlton	8	ACRES	Turbidity	2360
Dutton Pond	MA42015	Leicester	6	ACRES	Nutrient/Eutrophication Biological Indicators	2354
					Phosphorus (Total)	2354

Massachusetts Category 4a Waters
"TMDL is completed"

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Gore Pond	MA42018	Dudley/Charlton	169	ACRES	(Non-Native Aquatic Plants*)	
					Excess Algal Growth	2361
					Oxygen, Dissolved	2361
					Turbidity	2361
Granite Reservoir	MA42019	Charlton	207	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	2362
Greenville Pond	MA42023	Leicester	31	ACRES	Turbidity	2355
Hudson Pond	MA42029	Oxford/Sutton	15	ACRES	Aquatic Plants (Macrophytes)	2363
Jones Pond	MA42030	Charlton/Spencer	30	ACRES	Aquatic Plants (Macrophytes)	2364
Larner Pond	MA42068	Dudley	27	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	2365
Lowes Pond	MA42034	Oxford	33	ACRES	Aquatic Plants (Macrophytes)	2366
McKinstry Pond	MA42035	Oxford	16	ACRES	Aquatic Plants (Macrophytes)	2367
Mosquito Pond	MA42060	Dudley	11	ACRES	Aquatic Plants (Macrophytes)	2374
New Pond	MA42037	Dudley	33	ACRES	Aquatic Plants (Macrophytes)	2368
Peter Pond	MA42042	Dudley	42	ACRES	Oxygen, Dissolved	2369
					Phosphorus (Total)	2369
Pierpoint Meadow Pond	MA42043	Dudley/Charlton	95	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	2370
Pikes Pond	MA42044	Charlton	28	ACRES	Turbidity	2371
Rochdale Pond	MA42048	Leicester	43	ACRES	Nutrient/Eutrophication Biological Indicators	2356
Shepherd Pond	MA42051	Dudley	16	ACRES	Aquatic Plants (Macrophytes)	2373
Wallis Pond	MA42062	Dudley	24	ACRES	Aquatic Plants (Macrophytes)	2375
					Oxygen, Dissolved	2375
Housatonic						
Stockbridge Bowl	MA21105	Stockbridge	383.495	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					Mercury in Fish Tissue	33880
Ipswich						
Hood Pond	MA92025	Ipswich/Topsfield	67.446	ACRES	Mercury in Fish Tissue	33880
Mill Pond	MA92041	Burlington	59.084	ACRES	Mercury in Fish Tissue	33880

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Massachusetts Category 4a Waters
"TMDL is completed"

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Islands						
Gibbs Pond	MA97028	Nantucket	34.048	ACRES	Mercury in Fish Tissue	33880
Miacomet Pond	MA97055	Nantucket	34.227	ACRES	Mercury in Fish Tissue	33880
Tom Nevers Pond	MA97097	Nantucket	11.221	ACRES	Mercury in Fish Tissue	33880
Merrimack						
Forge Pond	MA84015	Westford/Littleton	203	ACRES	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	33880
Knops Pond/Lost Lake	MA84084	Groton	187	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	33880
Locust Pond	MA84031	Tyngsborough	16	ACRES	Mercury in Fish Tissue	33880
Nabnasset Pond	MA84044	Westford	134	ACRES	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	33880
Millers						
Bents Pond	MA35007	Gardner	6.158	ACRES	Excess Algal Growth	4115
					Turbidity	4115
Bourn-Hadley Pond	MA35008	Templeton	25.788	ACRES	Aquatic Plants (Macrophytes)	4117
Brazell Pond	MA35010	Templeton	14.669	ACRES	Aquatic Plants (Macrophytes)	4118
Depot Pond	MA35018	(Railroad Pond) Templeton	15.208	ACRES	Aquatic Plants (Macrophytes)	4124
Ellis Pond	MA35023	Athol	87.539	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	4125
Greenwood Pond	MA35026	Templeton	12.451	ACRES	Aquatic Plants (Macrophytes)	4127
Hilchey Pond	MA35029	Gardner	7.61	ACRES	Turbidity	4128
Lake Denison	MA35017	Winchendon	83.492	ACRES	Mercury in Fish Tissue	33880
					Oxygen, Dissolved	4123
Lake Rohunta	MA35106	(North Basin) Athol/Orange	34.359	ACRES	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	33880
Moores Pond	MA35048	Warwick	39.114	ACRES	Mercury in Fish Tissue	42398

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Massachusetts Category 4a Waters
"TMDL is completed"

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Parker Pond	MA35056	Gardner	32.188	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	4134
Ramsdall Pond	MA35062	Gardner	2.145	ACRES	Aquatic Plants (Macrophytes)	4136
Reservoir No. 1	MA35063	Athol	7.684	ACRES	Aquatic Plants (Macrophytes)	4137
South Athol Pond	MA35078	Athol	82.785	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	4140
Stoddard Pond	MA35083	Winchendon	51.848	ACRES	Aquatic Plants (Macrophytes)	4141
Upper Naukeag Lake	MA35090	Ashburnham	305.262	ACRES	Mercury in Fish Tissue	33880
Upper Reservoir	MA35091	Westminster	41.563	ACRES	Mercury in Fish Tissue	33880
Mount Hope Bay						
Kickamuit River	MA61-08	Outlet Warren Resevoir, Swansea, to state line, Swansea, MA/Warren, RI	2.8	MILES	Fecal Coliform	30702
Lewin Brook Pond	MA61011	Swansea	11	ACRES	Mercury in Fish Tissue	33880
North Watuppa Pond	MA61004	Fall River/Westport	1730	ACRES	Mercury in Fish Tissue	33880
Sawdy Pond	MA61005	Westport/Fall River	368	ACRES	Mercury in Fish Tissue	42407
Narragansett Bay						
Clear Run Brook	MA53-13	Headwaters, outlet unnamed pond northwest of Miller Street, Seekonk to confluence with Palmer River, Rehoboth	1.6	MILES	Fecal Coliform	35097
Palmer River	MA53-03	From Route 6 bridge, Rehoboth to state line, Swansea, MA/Barrington, RI	0.11	SQUARE MILES	Fecal Coliform	35085
Palmer River	MA53-05	From the Shad Factory Pond dam, Rehoboth to the Route 6 bridge, Rehoboth	0.09	SQUARE MILES	Fecal Coliform	35087
Rocky Run	MA53-16	Headwaters in wetland east of Simmons Street, Rehoboth to approximately 0.1 mile east of Mason Street, Rehoboth	8.6	MILES	Fecal Coliform	35096
Rocky Run	MA53-18	approximately 0.1 mile east of Mason Street, Rehoboth to confluence with Palmer River, Rehoboth	0.002	SQUARE MILES	Fecal Coliform	35096
Torrey Creek	MA53-17	From Barney Avenue, Rehoboth to confluence with Palmer River, Rehoboth	0.004	SQUARE MILES	Fecal Coliform	35088
Warren River Pond	MA53-06	Salt pond in Swansea on MA/RI border (portion in MA only)	0.06	SQUARE MILES	Fecal Coliform	38904
Nashua						
Bare Hill Pond	MA81007	Harvard	311	ACRES	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	33880
					Nutrient/Eutrophication Biological Indicators	2615

Massachusetts Category 4a Waters
"TMDL is completed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	POLLUTANTS ADDRESSED BY TMDL	EPA TMDL NO.
Hickory Hills Lake	MA81031	Lunenburg	310	ACRES	Mercury in Fish Tissue	33880
Lake Wampanoag	MA81151	Ashburnham/Gardner	224	ACRES	Mercury in Fish Tissue	33880
Wachusett Reservoir	MA81147	Boylston/West Boylston/Clinton/Sterling	3967	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	33880
Neponset						
Massapoag Lake	MA73030	Sharon	389	ACRES	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	33880
Pettee Pond	MA73036	Walpole/Westwood	10	ACRES	Mercury in Fish Tissue	42408
Ponkapoag Pond	MA73043	Canton/Randolph	214	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	42409
Ponkapog Brook	MA73-27	Outlet of Ponkapoag Pond, Canton to confluence with Neponset River, Canton.	3.1	MILES	Escherichia coli	2592
					Fecal Coliform	2592
Purgatory Brook	MA73-24	Headwaters east of Farm Lane, Westwood to confluence with Neponset River, Norwood.	5.1	MILES	Escherichia coli	2592
					Fecal Coliform	2592
Reservoir Pond	MA73048	Canton	251	ACRES	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	42400
School Meadow Brook	MA73-06	Outlet of Ganawatte Farm Pond, Walpole to confluence with Neponset River, Walpole.	1.9	MILES	Fecal Coliform	2592
Traphole Brook	MA73-17	Headwaters west of Everett Street, Sharon, to confluence with Neponset River, Sharon.	3.9	MILES	Fecal Coliform	2592
Unnamed Tributary	MA73-31	Outlet of Massapoag Lake, Sharon to inlet of Hammer Shop Pond, Sharon.	0.3	MILES	Fecal Coliform	2592
Willet Pond	MA73062	Walpole/Westwood/Norwood (includes unnamed tributary formerly reported as segment MA73-13)	205	ACRES	Mercury in Fish Tissue	33880
North Coastal						
Chebacco Lake	MA93014	Hamilton/Essex	204.374	ACRES	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	33880
Quinebaug						
East Brimfield Reservoir	MA41014	Brimfield/Sturbridge	313	ACRES	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	33880
Holland Pond	MA41022	Holland	66	ACRES	Mercury in Fish Tissue	33880

* TMDL not required (Non-pollutant)

Massachusetts Category 4a Waters
"TMDL is completed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	POLLUTANTS ADDRESSED BY TMDL	EPA TMDL NO.
Shawsheen						
Kiln Brook	MA83-10	Outlet unnamed pond (in Pine Meadows Country Club), Lexington, to confluence with Shawsheen River, Bedford.	1.54	MILES	Fecal Coliform	2587
Long Meadow Brook	MA83-11	Wetland east of Lexington Street and north of Independence Drive, Burlington, to confluence with Vine Brook, Burlington.	1.284976	MILES	Fecal Coliform	2587
Sandy Brook	MA83-13	Headwaters north of Bedford Street and east of Fairfax Street to confluence with Vine Brook, Burlington.	1.155097	MILES	Fecal Coliform	2587
Spring Brook	MA83-14	Wetland northeast of Route 3 Billerica, to confluence with Shawsheen River, Bedford.	2.548839	MILES	Fecal Coliform	2587
Strong Water Brook	MA83-07	Headwaters northeast of Long Pond, Tewksbury to confluence with Shawsheen River, Tewksbury.	4.942	MILES	Fecal Coliform	2587
Vine Brook	MA83-06	Headwaters (southeast of Granny Hill) near Grant Street, Lexington to confluence with Shawsheen River, Bedford.	6.846	MILES	Fecal Coliform	2587
South Coastal						
Aaron River Reservoir	MA94178	Cohasset/Hingham/Scituate	136.13	ACRES	(Fish-Passage Barrier*)	
					Mercury in Fish Tissue	33880
Great Herring Pond	MA94050	Bourne/Plymouth	414.699	ACRES	Mercury in Fish Tissue	33880
Great South Pond	MA94054	Plymouth	284.299	ACRES	Mercury in Fish Tissue	33880
Little Harbor	MA94-20	Cove south of Nichols Road, west of Atlantic Avenue, and north of Cohasset center, Cohasset	0.24	SQUARE MILES	Fecal Coliform	2586
Taunton						
Assonet River	MA62-20	From Tisdale Dam (north of Route 79/Elm Street intersection), Freetown to the confluence with the Taunton River, Freetown.	0.815	SQUARE MILES	Fecal Coliform	40309
Beaver Brook	MA62-09	Outlet Cleveland Pond, Abingtion to the confluence with the Salisbury Plain River (forming Matfield River), East Bridgewater.	6.817	MILES	Fecal Coliform	40308
Broad Cove	MA62-50	Dighton/Somerset (formerly reported as lake segment MA62022).	0.126	SQUARE MILES	Fecal Coliform	40309
Lake Nippenicket	MA62131	Bridgewater	375.001	ACRES	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	33880
Meadow Brook	MA62-38	Headwaters north of Pine Street, Whitman (through Forge Pond, East Bridgewater) to the confluence with the Matfield River, East Bridgewater.	6.009	MILES	Fecal Coliform	40308
Monponsett Pond	MA62218	[East Basin] Halifax	244.567	ACRES	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	33880

Massachusetts Category 4a Waters
"TMDL is completed"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	POLLUTANTS ADDRESSED BY TMDL	EPA TMDL NO.
Muddy Cove Brook	MA62-51	From the outlet of the small impoundment behind 333 Main Street (Zeneca Inc.), Dighton to confluence with Taunton River, Dighton (formerly part of MA62-23).	0.008	SQUARE MILES	Fecal Coliform	40309
Segreganset River	MA62-55	From approximately 250 feet north of Brook Street, Dighton to confluence with the Taunton River, Dighton (formerly part of segment MA62-18).	0.02	SQUARE MILES	Fecal Coliform	40309
Somerset Reservoir	MA62174	Somerset	164.334	ACRES	Mercury in Fish Tissue	33880
Taunton River	MA62-02	Route 24 bridge, Taunton/Raynham to Berkley Bridge, Dighton/Berkley.	0.287	SQUARE MILES	Fecal Coliform	40310
Three Mile River	MA62-56	Confluence of Wading and Rumford rivers, Norton to impoundment spillway behind 66 South Street (Harodite Finishing Co.), Taunton (formerly part of segment MA62-16).	12.812	MILES	Fecal Coliform	40308
Three Mile River	MA62-57	Impoundment spillway behind 66 South Street (Harodite Finishing Co.), Taunton to confluence with Taunton River, Taunton/Dighton (formerly part of segment MA62-16).	0.022	SQUARE MILES	Fecal Coliform	40310
Wading River	MA62-49	Balcolm Street, Mansfield to confluence with Threemile River, Norton (formerly part of segment MA62-17).	9.668	MILES	Fecal Coliform	40308
Ten Mile						
Whiting Pond	MA52042	North Attleborough/Plainville	23.582	ACRES	Mercury in Fish Tissue	33880
Westfield						
Buckley-Dunton Lake	MA32013	Becket	153.635	ACRES	Mercury in Fish Tissue	42411

* TMDL not required (Non-pollutant)

Massachusetts Category 4b Waters
"Impairment controlled by alternative pollution control requirements"

According to EPA guidance, Category 4b lists waters impaired by one or more pollutants; however, pollution control measures other than TMDLs are expected to attain all designated uses. Massachusetts is not including any waters in Category 4b for the 2012 listing cycle.

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Massachusetts Category 4c Waters
"Impairment not caused by a pollutant – TMDL not required"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE
Blackstone					
Coes Reservoir	MA51024	Worcester	87	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
Dark Brook Reservoir	MA51035	[South Basin] Auburn	58	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
					(Non-Native Aquatic Plants*)
Dark Brook Reservoir	MA51036	[North Basin] Auburn	171	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
Girard Pond	MA51053	Sutton	2	ACRES	(Non-Native Aquatic Plants*)
Howe Reservoirs	MA51070	[East Basin] Millbury	2	ACRES	(Low flow alterations*)
					(Non-Native Aquatic Plants*)
Ironstone Reservoir	MA51074	Uxbridge	28	ACRES	(Non-Native Aquatic Plants*)
Jenks Reservoir	MA51075	Bellingham	26	ACRES	(Non-Native Aquatic Plants*)
Mill Pond	MA51104	Upton	10	ACRES	(Non-Native Aquatic Plants*)
Miscoe Lake	MA51106	Wrentham (size indicates portion in Massachusetts)	5	ACRES	(Non-Native Aquatic Plants*)
North Pond	MA51112	Hopkinton/Milford	213	ACRES	(Non-Native Aquatic Plants*)
Pratt Pond	MA51123	Upton	39	ACRES	(Non-Native Aquatic Plants*)
Quinsigamond River	MA51-09	Outlet Flint Pond, Grafton to confluence with Blackstone River, Grafton (excluding Lake Ripple segment MA51135) (segment includes all of Hovey Pond formerly segment MA51068 and a portion of Fisherville Pond formerly segment MA51048).	5.2	MILES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
					(Non-Native Aquatic Plants*)
Riverlin Street Pond	MA51137	Millbury	2	ACRES	(Non-Native Aquatic Plants*)
Rivulet Pond	MA51138	Uxbridge	4	ACRES	(Non-Native Aquatic Plants*)
Sibley Reservoir	MA51148	Sutton	25	ACRES	(Low flow alterations*)
Silver Lake	MA51150	Bellingham	42	ACRES	(Non-Native Aquatic Plants*)
Silver Lake	MA51151	Grafton	25	ACRES	(Low flow alterations*)
Singletary Pond	MA51152	Sutton/Millbury	342	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
					(Non-Native Aquatic Plants*)
Stevens Pond	MA51159	Sutton	85	ACRES	(Non-Native Aquatic Plants*)
Swans Pond	MA51164	Sutton/Northbridge	32	ACRES	(Non-Native Aquatic Plants*)
Taft Pond	MA51165	Upton	11	ACRES	(Non-Native Aquatic Plants*)
Tinker Hill Pond	MA51167	Auburn	37	ACRES	(Non-Native Aquatic Plants*)
Tuckers Pond	MA51169	Sutton	26	ACRES	(Non-Native Aquatic Plants*)
Whitins Pond	MA51180	Northbridge/Sutton	162	ACRES	(Non-Native Aquatic Plants*)
Buzzards Bay					
Federal Pond	MA95055	Carver/Plymouth	125.041	ACRES	(Non-Native Aquatic Plants*)
Fresh Meadow Pond	MA95174	Carver/Plymouth	59.381	ACRES	(Non-Native Aquatic Plants*)
Mill Pond	MA95105	Wareham	148.573	ACRES	(Non-Native Aquatic Plants*)
Tremont Mill Pond	MA95150	Wareham	30.664	ACRES	(Non-Native Aquatic Plants*)

Massachusetts Category 4c Waters
"Impairment not caused by a pollutant – TMDL not required"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE
Cape Cod					
Long Pond	MA96184	Barnstable	48	ACRES	(Non-Native Aquatic Plants*)
Charles					
Beaver Pond	MA72006	Franklin	31.789	ACRES	(Non-Native Aquatic Plants*)
Dug Pond	MA72034	Natick	50.191	ACRES	(Non-Native Aquatic Plants*)
Kingsbury Pond	MA72056	Norfolk	15.36	ACRES	(Low flow alterations*)
Lake Archer	MA72002	Wrentham	77.118	ACRES	(Non-Native Aquatic Plants*)
Lake Waban	MA72125	Wellesley	108.997	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
					(Non-Native Aquatic Plants*)
Morses Pond	MA72079	Wellesley/Natick	111.817	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
					(Non-Native Aquatic Plants*)
Noannet Pond	MA72084	Westwood/Dover	49.71	ACRES	(Non-Native Aquatic Plants*)
Nonesuch Pond	MA72085	Natick/Weston	38.78	ACRES	(Non-Native Aquatic Plants*)
Scarboro Golf Course Pond	MA72107	Boston	6.107	ACRES	(Non-Native Aquatic Plants*)
Unnamed Tributary	MA72-27	Headwaters, outlet Stony Brook Reservoir, Waltham/Weston to confluence with the Charles River, Waltham/Weston.	0.191	MILES	(Low flow alterations*)
					(Other flow regime alterations*)
Chicopee					
Beaver Lake	MA36010	Ware	150	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
					(Non-Native Aquatic Plants*)
Brooks Pond	MA36023	N.Brookfield/New Braintree/Spencer/Oakham	179	ACRES	(Non-Native Aquatic Plants*)
Dean Pond	MA36049	Brimfield/Monson	10	ACRES	(Non-Native Aquatic Plants*)
Forest Lake	MA36063	Palmer	45	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
Hardwick Pond	MA36066	Hardwick	67	ACRES	(Non-Native Aquatic Plants*)
Lake Lorraine	MA36084	Springfield	28	ACRES	(Non-Native Aquatic Plants*)
Long Pond	MA36082	Rutland	167	ACRES	(Non-Native Aquatic Plants*)
Moosehorn Pond	MA36097	Hubbardston	67	ACRES	(Non-Native Aquatic Plants*)
Old Reservoir	MA36114	Barre	37	ACRES	(Other flow regime alterations*)
Turkey Hill Pond	MA36157	Rutland/Paxton	90	ACRES	(Non-Native Aquatic Plants*)
Concord					
Bartlett Pond	MA82007	Northborough	51.815	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
					(Non-Native Aquatic Plants*)
Batemans Pond	MA82008	Concord	25.69	ACRES	(Non-Native Aquatic Plants*)
Chauncy Lake	MA82017	Westborough	173.313	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
Fisk Pond	MA82038	Natick	61.757	ACRES	(Non-Native Aquatic Plants*)
Framingham Reservoir #3	MA82046	Framingham	221.244	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)

Massachusetts Category 4c Waters
"Impairment not caused by a pollutant – TMDL not required"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE
Great Meadows Pond #3	MA82053	Concord	53	ACRES	(Non-Native Aquatic Plants*)
Little Chauncy Pond	MA82070	Northborough	43.338	ACRES	(Non-Native Aquatic Plants*)
Meadow Pond	MA82129	Carlisle	12.354	ACRES	(Non-Native Aquatic Plants*)
Mill Brook	MA82A-20	From the outlet of Crosby Pond, Concord to the confluence with the Concord River, Concord.	2.694	MILES	(Habitat Assessment (Streams)*)
North Great Meadows	MA82084	Concord	73.479	ACRES	(Non-Native Aquatic Plants*)
Rocky Pond	MA82095	Boylston	61.83	ACRES	(Non-Native Aquatic Plants*)
Russell Millpond	MA82096	Chelmsford	32.9	ACRES	(Non-Native Aquatic Plants*)
					(Other flow regime alterations*)
Winning Pond	MA82123	Billerica	22.216	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
Connecticut					
Cranberry Pond	MA34018	Sunderland	28.146	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
Ingraham Brook Pond	MA34037	Granby	4.623	ACRES	(Non-Native Aquatic Plants*)
Lake Bray	MA34013	Holyoke	10.301	ACRES	(Non-Native Aquatic Plants*)
Lake Holland	MA34035	Belchertown	10.552	ACRES	(Non-Native Aquatic Plants*)
Lower Mill Pond	MA34048	Easthampton	29.641	ACRES	(Non-Native Aquatic Plants*)
Lower Van Horn Park Pond	MA34129	Springfield	11.13	ACRES	(Non-Native Aquatic Plants*)
Oxbow Cutoff	MA34067	The waterbody north of Island Road and south of Oxbow Road (between Routes 91and 5), Northampton.	48.805	ACRES	(Non-Native Aquatic Plants*)
Whiting Street Reservoir	MA34101	Holyoke	102.438	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
Deerfield					
Tannery Pond	MA33020	Savoy	0.523	ACRES	(Low flow alterations*)
Farmington					
Benton Pond	MA31003	Otis	61.428	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
Noyes Pond	MA31026	Tolland	166.019	ACRES	(Non-Native Aquatic Plants*)
French					
Bouchard Pond	MA42003	Leicester	2	ACRES	(Non-Native Aquatic Plants*)
Buffum Pond	MA42004	Charlton/Oxford	23	ACRES	(Non-Native Aquatic Plants*)
Low Pond	MA42033	Dudley	4	ACRES	(Non-Native Aquatic Plants*)
Packard Pond	MA42040	Dudley	6	ACRES	(Non-Native Aquatic Plants*)
Sargent Pond	MA42049	Leicester	65	ACRES	(Non-Native Aquatic Plants*)
Webster Lake	MA42064	Webster	1275	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
					(Non-Native Aquatic Plants*)
Hoosic					
Berkshire Pond	MA11001	Lanesborough	21.426	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)

Massachusetts Category 4c Waters
"Impairment not caused by a pollutant – TMDL not required"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE
Tophet Brook	MA11-19	Source west of Burnett Road, Savoy (in the Savoy Mountain State Forest) to the confluence with the Hoosic River, Adams.	6.151	MILES	(Alteration in stream-side or littoral vegetative covers*)
					(Other flow regime alterations*)
Housatonic					
Ashmere Lake	MA21005	Hinsdale/Peru	293.502	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
Goose Pond	MA21043	Lee/Tyringham	237.942	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
					(Non-Native Aquatic Plants*)
Greenwater Pond	MA21044	Becket	88.73	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
Hubbard Brook	MA21-15	Source, northwest of Townhouse Hill Road, Egremont to confluence with the Housatonic River, Sheffield (thru Mill Pond formerly reported as segment MA21068).	9.375	MILES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
					(Non-Native Aquatic Plants*)
Karner Brook	MA21-16	Headwaters east of East Street, Mount Washington to the inlet of Mill Pond, Egremont.	4.664	MILES	(Low flow alterations*)
Lake Averic	MA21006	Stockbridge	41.962	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
Long Pond	MA21062	Great Barrington	114.398	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
Long Pond Brook	MA21-14	Outlet of Long Pond, Great Barrington to the confluence with Seekonk Brook, Great Barrington.	2.047	MILES	(Low flow alterations*)
Mansfield Pond	MA21065	Great Barrington	27.783	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
					(Non-Native Aquatic Plants*)
Onota Lake	MA21078	Pittsfield	662.202	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
					(Non-Native Aquatic Plants*)
Plunkett Reservoir	MA21082	Hinsdale	71.567	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
					(Non-Native Aquatic Plants*)
Prospect Lake	MA21084	Egremont	58.619	ACRES	(Non-Native Aquatic Plants*)
Richmond Pond	MA21088	Richmond/Pittsfield	227.905	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
					(Non-Native Aquatic Plants*)
Shaker Mill Pond	MA21094	West Stockbridge	27	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
					(Non-Native Aquatic Plants*)
Stevens Pond	MA21104	Monterey	38.771	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
					(Non-Native Aquatic Plants*)
Thousand Acre Pond	MA21106	New Marlborough	144.801	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
Unnamed Tributary	MA21-31	Unnamed tributary to the Housatonic River, locally known as "Laurel Brook", from the outlet of Laurel Lake, Lee to the confluence with the Housatonic River, Lee.	0.8	MILES	(Zebra mussel, Dreissena polymorph*)
Upper Goose Pond	MA21110	Lee/Tyringham	55.337	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
Willard Brook	MA21-30	Headwaters north of Salisbury Road, Sheffield to the confluence with Hubbard Brook, Sheffield	4.022	MILES	(Eurasian Water Milfoil, Myriophyllum spicatum*)

Massachusetts Category 4c Waters
"Impairment not caused by a pollutant – TMDL not required"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE
Windsor Brook	MA21-09	Source, southeast of Fobes Hill (west of Savory Road/Route 8A), Windsor to the Windsor Reservoir, Windsor.	6.11	MILES	(Low flow alterations*)
Ipswich					
Field Pond	MA92019	Andover	56.706	ACRES	(Non-Native Aquatic Plants*)
Lower Boston Brook Pond	MA92031	Middleton	9.333	ACRES	(Non-Native Aquatic Plants*)
Lower Four Mile Pond	MA92032	Boxford	18.426	ACRES	(Non-Native Aquatic Plants*)
Lubber Pond East	MA92035	Wilmington	6.237	ACRES	(Non-Native Aquatic Plants*)
					(Sedimentation/Siltation*)
Lubber Pond West	MA92036	Wilmington	9.561	ACRES	(Non-Native Aquatic Plants*)
					(Sedimentation/Siltation*)
Maple Meadow Brook	MA92-04	Outlet of Mill Pond, Burlington to confluence wtih Lubbers Brook, Wilmington.	4.197642	MILES	(Low flow alterations*)
Stevens Pond	MA92062	Boxford	11.054	ACRES	(Non-Native Aquatic Plants*)
Merrimack					
Cobbler Brook	MA84A-22	Headwaters, Merrimac to confluence with Merrimack River, Merrimac.	4.4	MILES	(Debris/Floatables/Trash*)
Lake Mascuppic	MA84037	Tyngsborough/Dracut	210	ACRES	(Non-Native Aquatic Plants*)
Millers					
White Pond	MA35098	Athol	62.629	ACRES	(Non-Native Aquatic Plants*)
Mount Hope Bay					
Cole River	MA61-03	Wood Street, Swansea to Route 6, Swansea	1.6	MILES	(Fish-Passage Barrier*)
Quequechan River	MA61-05	Outlet South Watuppa Pond, Fall River to confluence with the Taunton River/Mount Hope Bay (at Braga Bridge), Fall River	2.4	MILES	(Habitat Assessment (Streams)*)
Mystic					
Hills Pond	MA71018	Arlington	2	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
Nashua					
Chaffin Pond	MA81017	Holden	90	ACRES	(Non-Native Aquatic Plants*)
Dawson Pond	MA81028	Holden	22	ACRES	(Non-Native Aquatic Plants*)
Eagle Lake	MA81034	Holden	56	ACRES	(Non-Native Aquatic Plants*)
Flannagan Pond	MA81044	Ayer	80	ACRES	(Non-Native Aquatic Plants*)
Lake Samoset	MA81116	Leominster	35	ACRES	(Non-Native Aquatic Plants*)
Lake Whalom	MA81154	Lunenburg/Leominster	96	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
					(Non-Native Aquatic Plants*)
Paradise Pond	MA81097	Princeton	61	ACRES	(Non-Native Aquatic Plants*)
Quinapoxet River	MA81-32	Outlet Quinapoxet Reservoir, Holden to inlet of Wachusett Reservoir (Thomas Basin), West Boylston.	7.9	MILES	(Low flow alterations*)

Massachusetts Category 4c Waters
"Impairment not caused by a pollutant – TMDL not required"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE
Robbins Pond	MA81111	Harvard	11	ACRES	(Non-Native Aquatic Plants*)
Sawmill Pond	MA81118	Fitchburg/Westminster	65	ACRES	(Non-Native Aquatic Plants*)
Stuart Pond	MA81137	Sterling	42	ACRES	(Non-Native Aquatic Plants*)
Stump Pond	MA81171	Holden	27	ACRES	(Non-Native Aquatic Plants*)
Unionville Pond	MA81143	Holden	19	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
White Pond	MA81155	Lancaster/Leominster	47	ACRES	(Non-Native Aquatic Plants*)
Wyman Pond	MA81161	Westminster	198	ACRES	(Non-Native Aquatic Plants*)
Neponset					
Billings Street/East Street Pond	MA73065	Sharon	2	ACRES	(Non-Native Aquatic Plants*)
Clark Pond	MA73008	Walpole	7	ACRES	(Non-Native Aquatic Plants*)
Ellis Pond	MA73018	Norwood	17	ACRES	(Non-Native Aquatic Plants*)
Farrington Pond	MA73040	Stoughton	3	ACRES	(Non-Native Aquatic Plants*)
Glen Echo Pond	MA73022	Canton/Stoughton	16	ACRES	(Non-Native Aquatic Plants*)
Jewells Pond	MA73026	Medfield	4	ACRES	(Non-Native Aquatic Plants*)
Pinewood Pond	MA73039	Stoughton	25	ACRES	(Non-Native Aquatic Plants*)
Plantingfield Brook	MA73-23	Headwaters east of Thatcher Street, Westwood, to the confluence with Purgatory Brook, Norwood.	1.8	MILES	(Low flow alterations*)
Town Pond	MA73056	Stoughton	8	ACRES	(Non-Native Aquatic Plants*)
Turner Pond	MA73058	Walpole	18	ACRES	(Non-Native Aquatic Plants*)
Woods Pond	MA73055	Stoughton	14	ACRES	(Non-Native Aquatic Plants*)
North Coastal					
Cedar Pond	MA93013	Peabody	34.029	ACRES	(Non-Native Aquatic Plants*)
Days Pond	MA93092	Gloucester	0.516	ACRES	(Non-Native Aquatic Plants*)
Edgewater Office Park Pond	MA93094	Wakefield	14.563	ACRES	(Non-Native Aquatic Plants*)
First Pond	MA93081	Saugus (also known as Upper Griswold Pond).	4.214	ACRES	(Non-Native Aquatic Plants*)
Griswold Pond	MA93029	Saugus	12.972	ACRES	(Non-Native Aquatic Plants*)
Sluice Pond	MA93071	Lynn	41.514	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
Spring Pond	MA93072	Saugus	8.183	ACRES	(Non-Native Aquatic Plants*)
Swains Pond	MA93095	Melrose	2.978	ACRES	(Non-Native Aquatic Plants*)
Parker					
Parker River	MA91-01	Source north of Silver Mine Road, Boxford to Central Street, Newbury (excluding Sperry Pond segment MA91013, Rock Pond segment MA91012, Pentucket Pond segment MA91010, and Crane Pond segment MA91004).	12.3	MILES	(Low flow alterations*)
State Street Pond	MA91014	Newburyport	4	ACRES	(Non-Native Aquatic Plants*)

Massachusetts Category 4c Waters
"Impairment not caused by a pollutant – TMDL not required"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE
Quinebaug					
Cedar Pond	MA41008	Sturbridge	149	ACRES	(Non-Native Aquatic Plants*)
Hamilton Reservoir	MA41019	Holland (size indicates portion in Massachusetts)	386	ACRES	(Non-Native Aquatic Plants*)
Mill Brook	MA41-07	From inlet of Mill Road Pond (formerly pond segment MA41032), Brimfield to confluence with Quinebaug River, Brimfield.	4.7	MILES	(Non-Native Aquatic Plants*)
Railroad Pond	MA41058	Charlton	7	ACRES	(Non-Native Aquatic Plants*)
Sherman Pond	MA41046	Brimfield	76	ACRES	(Non-Native Aquatic Plants*)
Sylvestri Pond	MA41049	Dudley	30	ACRES	(Non-Native Aquatic Plants*)
Walker Pond	MA41052	Sturbridge	104	ACRES	(Non-Native Aquatic Plants*)
Shawsheen					
Gravel Pit Pond	MA83007	Andover (Hussey Brook Pond East)	4.585	ACRES	(Non-Native Aquatic Plants*)
South Coastal					
Beaver Dam Pond	MA94006	Plymouth	29.204	ACRES	(Non-Native Aquatic Plants*)
Black Mountain Pond	MA94009	Marshfield	16.606	ACRES	(Non-Native Aquatic Plants*)
Briggs Reservoir	MA94019	Plymouth	23.901	ACRES	(Non-Native Aquatic Plants*)
Briggs Reservoir	MA94020	Plymouth	16.325	ACRES	(Non-Native Aquatic Plants*)
Cooks Pond	MA94027	Plymouth	21.237	ACRES	(Non-Native Aquatic Plants*)
Eel River	MA94-23	Outlet cranberry bog east of Long Pond Road, Plymouth through Russell Millpond to mouth at Plymouth Harbor, Plymouth.	3.931	MILES	(Fish-Passage Barrier*) (Non-Native Aquatic Plants*)
Herring Brook	MA94-29	Outlet Lily Pond, Cohasset to confluence Aaron River, Cohasset.	0.3	MILES	(Fish-Passage Barrier*) (Non-Native Aquatic Plants*)
Island Creek Pond	MA94073	Duxbury	39.716	ACRES	(Non-Native Aquatic Plants*)
Island Pond	MA94075	[locally known as Great Island Pond] Plymouth	79.418	ACRES	(Non-Native Aquatic Plants*)
Jacobs Pond	MA94077	Norwell	60.801	ACRES	(Non-Native Aquatic Plants*)
Long Island Pond	MA94088	Plymouth	33.137	ACRES	(Non-Native Aquatic Plants*)
Lorings Bogs Pond	MA94089	Duxbury	32.999	ACRES	(Non-Native Aquatic Plants*)
Lower Chandler Pond	MA94091	Duxbury/Pembroke	37.388	ACRES	(Non-Native Aquatic Plants*)
Oldham Pond	MA94114	Pembroke/Hanson	231.859	ACRES	(Non-Native Aquatic Plants*)
Pembroke Street South Pond	MA94117	Kingston	6.246	ACRES	(Non-Native Aquatic Plants*)
Reeds Millpond	MA94126	Kingston	6.248	ACRES	(Non-Native Aquatic Plants*)
Reservoir	MA94127	Pembroke	16.194	ACRES	(Other flow regime alterations*)
Silver Lake	MA94143	Pembroke/Plympton/Kingston	616.668	ACRES	(Other flow regime alterations*)
Smelt Pond	MA94184	Kingston	44.797	ACRES	(Non-Native Aquatic Plants*)
Torrey Pond	MA94157	Norwell	18.684	ACRES	(Non-Native Aquatic Plants*)

Massachusetts Category 4c Waters
"Impairment not caused by a pollutant – TMDL not required"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE
Upper Chandler Pond	MA94165	Duxbury/Pembroke	7.695	ACRES	(Non-Native Aquatic Plants*)
Taunton					
Brockton Reservoir	MA62023	Avon	89.399	ACRES	(Non-Native Aquatic Plants*)
Carver Pond	MA62033	Bridgewater	29.309	ACRES	(Non-Native Aquatic Plants*)
Cleveland Pond	MA62042	Abington	96.423	ACRES	(Non-Native Aquatic Plants*)
Crocker Pond	MA62051	Wrentham	17.138	ACRES	(Non-Native Aquatic Plants*)
Cushing Pond	MA62056	Abington	5.727	ACRES	(Non-Native Aquatic Plants*)
East Freetown Pond	MA62063	Freetown	11.051	ACRES	(Non-Native Aquatic Plants*)
Fuller Street Pond	MA62234	Middleborough/Carver (formerly reported as MA95058)	20.273	ACRES	(Non-Native Aquatic Plants*)
Gavins Pond	MA62077	Sharon/Foxborough	17.607	ACRES	(Non-Native Aquatic Plants*)
Gushee Pond	MA62084	Raynham	26.775	ACRES	(Non-Native Aquatic Plants*)
Johnson Pond	MA62097	Raynham	13.536	ACRES	(Non-Native Aquatic Plants*)
Lake Mirimichi	MA62118	Plainville/Foxborough	174.996	ACRES	(Non-Native Aquatic Plants*)
Lake Rico	MA62148	Taunton	187.981	ACRES	(Non-Native Aquatic Plants*)
Long Pond	MA62108	Lakeville/Freetown	1741.496	ACRES	(Non-Native Aquatic Plants*)
Longwater Pond	MA62109	Easton	8.188	ACRES	(Non-Native Aquatic Plants*)
Lower Porter Pond	MA62111	Brockton	7.861	ACRES	(Non-Native Aquatic Plants*)
Middle Pond	MA62115	Taunton	25.864	ACRES	(Non-Native Aquatic Plants*)
Mount Hope Mill Pond	MA62122	Taunton/Dighton (includes Three Mile River Impoundment formerly reported as MA62231).	45.174	ACRES	(Non-Native Aquatic Plants*)
Muddy Pond	MA62125	Carver	61.058	ACRES	(Non-Native Aquatic Plants*)
New Pond	MA62130	Easton	17.727	ACRES	(Non-Native Aquatic Plants*)
Richmond Pond	MA62159	Taunton	5.773	ACRES	(Non-Native Aquatic Plants*)
Savery Pond	MA62167	Middleborough	23.619	ACRES	(Non-Native Aquatic Plants*)
Segreganset River	MA62-53	Source in wetland north of Glebe Street, Taunton through the Segregansett River Ponds to the Segreganset River Dam, Dighton (formerly part of segment MA62-18).	7.854	MILES	(Low flow alterations*)
Segreganset River	MA62-54	From Segreganset River Dam, Dighton to approximately 250 feet north of Brook Street, Dighton (formerly part of segment MA62-18).	0.351	MILES	(Low flow alterations*)
Shovelshop Pond	MA62172	Easton	7.018	ACRES	(Non-Native Aquatic Plants*)
Sweets Pond	MA62185	Mansfield	13.484	ACRES	(Non-Native Aquatic Plants*)
Thirtyacre Pond	MA62190	Brockton	26.277	ACRES	(Non-Native Aquatic Plants*)
Turnpike Lake	MA62198	Plainville	99.029	ACRES	(Non-Native Aquatic Plants*)
Upper Porter Pond	MA62200	Brockton	11.395	ACRES	(Non-Native Aquatic Plants*)
Vandys Pond	MA62112	(Mcavoy Pond) Foxborough	8.58	ACRES	(Non-Native Aquatic Plants*)
Waldo Lake	MA62201	Avon/Brockton	72.384	ACRES	(Non-Native Aquatic Plants*)

Massachusetts Category 4c Waters
"Impairment not caused by a pollutant – TMDL not required"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE
West Meadow Pond	MA62208	West Bridgewater	103.81	ACRES	(Non-Native Aquatic Plants*)
Whittenton Impoundment	MA62228	Taunton	20.05	ACRES	(Non-Native Aquatic Plants*)
Winnecunnet Pond	MA62213	Norton	152.274	ACRES	(Non-Native Aquatic Plants*)
Ten Mile					
Coles Brook	MA52-11	Headwaters, Grassie Swamp west of Allens Lane, Rehoboth to inlet Central Pond, Seekonk.	4.181	MILES	(Low flow alterations*)
Falls Pond, South Basin	MA52014	North Attleborough	49.367	ACRES	(Non-Native Aquatic Plants*)
Orrs Pond	MA52029	Attleboro	57.864	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
Scotts Brook	MA52-09	Headwaters, north of High Street, North Attleborough to confluence with Ten Mile River, North Attleborough.	2.11	MILES	(Low flow alterations*)
Westfield					
Blair Pond	MA32009	Blandford	69.182	ACRES	(Non-Native Aquatic Plants*)
Buck Pond	MA32012	Westfield	22.754	ACRES	(Non-Native Aquatic Plants*)
Center Pond	MA32015	Becket	113.857	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
Congamond Lakes	MA32023	[South Basin] Southwick	144.049	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
Horse Pond	MA32043	Westfield	24.284	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)
					(Non-Native Aquatic Plants*)
Weymouth & Weir					
Accord Brook	MA74-17	From water supply intake (4131000-02S Accord Brook) south of South Pleasant Street, Hingham to inlet Triphammer Pond, Hingham.	1.8	MILES	(Low flow alterations*)
Sunset Lake	MA74020	Braintree	58	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)

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Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Blackstone						
Aldrich Pond	MA51002	Sutton	2	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
Arcade Pond	MA51003	Northbridge	20	ACRES	(Non-Native Aquatic Plants*)	
					Excess Algal Growth	
Arnolds Brook	MA51-32	Perennial portion only, from outlet of unnamed pond at Whitehall Way, Bellingham to confluence with Peters River, Bellingham.	1.7	MILES	Escherichia coli	
Beaver Brook	MA51-07	Outlet of small unnamed impoundment north of Beth Israel School and Flag Street School, Worcester to confluence with Middle River, Worcester. (Includes underground portion)	2.9	MILES	(Debris/Floatables/Trash*)	
					(Fish Kills*)	
					(Physical substrate habitat alterations*)	
					Bottom Deposits	
					Escherichia coli	
					Taste and Odor	
Blackstone River	MA51-03	Confluence of Middle River and Mill Brook (downstream of the railroad spur bridge west of Tobias Boland Boulevard), Worcester to Fisherville Dam, Grafton. (through a portion of Fisherville Pond formerly segment MA51048)	10.4	MILES	(Debris/Floatables/Trash*)	
					(Other flow regime alterations*)	
					(Physical substrate habitat alterations*)	
					Ambient Bioassays -- Chronic Aquatic Toxicity	
					Aquatic Macroinvertebrate Bioassessments	
					Escherichia coli	
					Excess Algal Growth	
					Fishes Bioassessments	
					Foam/Flocs/Scum/Oil Slicks	
					Lead	
					Nutrient/Eutrophication Biological Indicators	
					Other	
					Oxygen, Dissolved	
					Phosphorus (Total)	
					Sedimentation/Siltation	
					Taste and Odor	
					Turbidity	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Blackstone River	MA51-04	Fisherville Dam, Grafton to outlet Rice City Pond, Uxbridge. (through Riverdale Impoundment formerly segment MA51136 and Rice City Pond formerly segment MA51131)	8.8	MILES	(Other flow regime alterations*)	
					(Physical substrate habitat alterations*)	
					Aquatic Macroinvertebrate Bioassessments	
					Cadmium	
					Copper	
					DDT	
					Escherichia coli	
					Excess Algal Growth	
					Fishes Bioassessments	
					Lead	
					Nutrient/Eutrophication Biological Indicators	
					PCB in Fish Tissue	
					Phosphorus (Total)	
					Sedimentation/Siltation	
					Taste and Odor	
					Turbidity	
Blackstone River	MA51-05	Outlet Rice City Pond, Uxbridge to the old Water Quality Monitor (at the Conrail Railroad trestle due north of Collins Drive), Millville.	9.1	MILES	(Other flow regime alterations*)	
					Aquatic Macroinvertebrate Bioassessments	
					Cadmium	
					Copper	
					Escherichia coli	
					Excess Algal Growth	
					Lead	
					Nutrient/Eutrophication Biological Indicators	
					Phosphorus (Total)	
					Polychlorinated biphenyls	
					Taste and Odor	
					Total Suspended Solids (TSS)	
					Turbidity	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Blackstone River	MA51-06	From the Water Quality Monitor, Millville to the Rhode Island border west of Route 122 (Main St.), Blackstone, MA/(Harris Avenue) North Smithfield RI.	3.8	MILES	(Other flow regime alterations*)	
					Cadmium	
					Copper	
					DDT	
					Lead	
					PCB in Fish Tissue	
					Phosphorus (Total)	
					Total Suspended Solids (TSS)	
Burncoat Park Pond	MA51012	Worcester	6	ACRES	Aquatic Plants (Macrophytes)	
					Turbidity	
Cedar Swamp Brook	MA51-33	Headwaters, outlet Cedar Swamp, Uxbridge to confluence with Chockalog River, Douglas.	0.8	MILES	Fishes Bioassessments	
Coal Mine Brook	MA51-27	Perennial portion, from unnamed road approximately 0.2 miles upstream from Plantation Street, Worcester to inlet of Lake Quinsigamond, Worcester.	0.4	MILES	(Fish Kills*)	
					Fishes Bioassessments	
					Sedimentation/Siltation	
					Temperature, water	
Cook Allen Brook	MA51-28	Headwaters, outlet Reservoir No. 5, Sutton to inlet Whitins Pond, Northbridge. (excluding Reservoir No. 4, segment MA51128)	2	MILES	Fishes Bioassessments	
Dark Brook	MA51-16	Outlet Eddy Pond, Auburn to confluence with Kettle Brook, Auburn. (through Auburn Pond formerly segment MA51004)	2.8	MILES	(Non-Native Aquatic Plants*)	
					Aquatic Macroinvertebrate Bioassessments	
					Aquatic Plants (Macrophytes)	2377
					Escherichia coli	
Fish Pond	MA51047	Northbridge	8	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
Hayes Pond	MA51060	Grafton	5	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Kettle Brook	MA51-01	Outlet Kettle Brook Reservoir #1 to the inlet of Leesville Pond, Auburn (excluding the approximately 0.4 miles through Waite Pond segment MA51170) (through former segments: City Pond MA51021, Smiths Pond MA51156, and Stoneville Pond MA51160)	7	MILES	(Debris/Floatables/Trash*)	
					(Low flow alterations*)	
					(Non-Native Aquatic Plants*)	
					Aquatic Macroinvertebrate Bioassessments	
					Aquatic Plants (Macrophytes)	2391
					Fecal Coliform	
					Nutrient/Eutrophication Biological Indicators	
					Turbidity	2389
Lake Ripple	MA51135	Grafton	47	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
Manchaug Pond	MA51091	Douglas/Sutton	365	ACRES	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	42392
					Oxygen, Dissolved	
Marble Pond	MA51093	Sutton	8	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
Middle River	MA51-02	Outlet Coes Pond, Worcester to confluence with the unnamed tributary locally known as "Mill Brook" (downstream of the railroad spur bridge west of Tobias Boland Boulevard), Worcester.	3.4	MILES	(Debris/Floatables/Trash*)	
					(Physical substrate habitat alterations*)	
					Aquatic Macroinvertebrate Bioassessments	
					Escherichia coli	
					Nutrient/Eutrophication Biological Indicators	
					Other	
					Turbidity	
Mill River	MA51-35	Outlet North Pond, Milford/Upton to Mendon/Blackstone corporate boundary (through former segments Fiske Millpond MA51049, Mill Pond MA51102, Hopedale Pond MA51065 and Spindleville Pond MA51158) (formerly part of segment MA51-10)	11.8	MILES	Aquatic Plants (Macrophytes)	
					(Non-Native Aquatic Plants*)	
					Other	
					PCB in Fish Tissue	
Mill River	MA51-36	From Mendon/Blackstone corporate boundary to MA/RI border in Blackstone, MA (through former segment Harris Pond MA51058) (formerly part of segment MA51-10)	4.4	MILES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Escherichia coli	
					Other	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Mumford River	MA51-14	Douglas WWTP discharge, Douglas to confluence with Blackstone River, Uxbridge. (through former segments: Gilboa Pond MA51052, Lackey Pond MA51083, Meadow Pond MA51193, Linwood Pond MA51088, Whitin Pond MA51178, and Caprons Pond MA51014)	9.6	MILES	(Low flow alterations*)	
					(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Copper	
					Lead	
Number 1 Pond	MA51114	Sutton	9	ACRES	Aquatic Plants (Macrophytes)	
					Turbidity	
Peters River	MA51-18	Outlet Silver Lake, Bellingham to Rhode Island state line, Bellingham.	4	MILES	Copper	
					Escherichia coli	
					Lead	
Poor Farm Brook	MA51-17	Headwaters, West Boylston to the inlet of Shirley Street Pond, Shrewsbury (through City Farm Pond formerly segment MA51020).	3.6	MILES	(Low flow alterations*)	
					Aquatic Plants (Macrophytes)	
					Sedimentation/Siltation	
Riley Pond	MA51134	Northbridge	7	ACRES	Turbidity	
Singletary Brook	MA51-31	Headwaters, outlet Singletary Pond, Millbury to confluence with the Blackstone River, Millbury (excluding the approximately 0.4 miles through Brierly Pond segment MA51010).	1.5	MILES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
Sutton Falls	MA51163	Sutton	10	ACRES	Turbidity	
Tatnuck Brook	MA51-15	Outlet Holden Reservoir #2, Holden to inlet of Coes Reservoir, Worcester (through Cook Pond formerly segment MA51027 and Patch Reservoir formerly segment MA51118).	3.3	MILES	(Debris/Floatables/Trash*)	
					(Non-Native Aquatic Plants*)	
					(Other flow regime alterations*)	
					Aquatic Macroinvertebrate Bioassessments	
					Sedimentation/Siltation	
					Turbidity	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Unnamed Tributary	MA51-08	(Also known as "Mill Brook") Outlet Indian Lake, Worcester to confluence with Middle River (downstream of the railroad spur bridge west of Tobias Boland Boulevard), Worcester (through Salisbury Pond formerly segment MA51142).	5.6	MILES	(Debris/Floatables/Trash*)	
					(Physical substrate habitat alterations*)	
					Ammonia (Un-ionized)	
					Aquatic Plants (Macrophytes)	2319
					Fecal Coliform	
					Foam/Flocs/Scum/Oil Slicks	
					Nutrient/Eutrophication Biological Indicators	
					Other	
					Sedimentation/Siltation	
					Taste and Odor	
					Turbidity	2319
Unnamed Tributary	MA51-20	From the outlet of Leesville Pond, Worcester to the confluence with the Middle River, Worcester (through Curtis ponds formerly reported as segments MA51033 and MA51032).	1.4	MILES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	360
					Aquatic Plants (Macrophytes)	361
					(Debris/Floatables/Trash*)	
					Fecal Coliform	
					(Low flow alterations*)	
					Nutrient/Eutrophication Biological Indicators	
					Sedimentation/Siltation	
Welsh Pond	MA51176	Sutton	8	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
West River	MA51-11	Outlet Silver Lake, Grafton to Upton WWTP discharge, Upton (through Lake Wildwood formerly segment MA51181).	3.8	MILES	(Non-Native Aquatic Plants*)	
					pH, Low	
West River	MA51-12	Upton WWTP discharge, Upton to confluence with Blackstone River, Uxbridge (through former segments Harrington Pool MA51197, and West River Pond MA51177).	9.3	MILES	Aquatic Plants (Macrophytes)	
					Cadmium	
					Chloride	
					Copper	
					Lead	
					(Non-Native Aquatic Plants*)	
					Nutrient/Eutrophication Biological Indicators	
					pH, Low	

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Woodbury Pond	MA51185	Sutton	5	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
Woolshop Pond	MA51186	Millbury	5	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Turbidity	
Boston Harbor						
Boston Harbor	MA70-01	The area defined by a line from the southerly tip of Deer Island to Boston Lighthouse on Little Brewster Island, then south to Point Allerton; across Hull and West guts; across the mouths of Quincy and Dorchester bays, Boston Inner Harbor and Winthrop Bay (including President Roads and Nantasket Roads).	18.59	SQUARE MILES	Fecal Coliform	
					Other	
					PCB in Fish Tissue	
Boston Inner Harbor	MA70-02	From the Mystic and Chelsea rivers, Chelsea/Boston, to the line between Governors Island and Fort Independence, Boston (East Boston) (including Fort Point, Reserved and Little Mystic channels).	2.56	SQUARE MILES	Enterococcus	
					Fecal Coliform	
					Other	
					Oxygen, Dissolved	
					PCB in Fish Tissue	
Dorchester Bay	MA70-03	From the mouth of the Neponset River, Boston/Quincy to the line between Head Island and the north side of Thompson Island and the line between the south point of Thompson Island, Boston and Chapel Rocks, Quincy.	3.46	SQUARE MILES	Enterococcus	
					Fecal Coliform	
					Other	
					PCB in Fish Tissue	
					Total Suspended Solids (TSS)	
					Turbidity	
Hingham Bay	MA70-06	The area north of the mouth of the Weymouth Fore River extending on the west along the line between Nut Island and the south point of West Head, and on the east side along a line from Prince Head just east of Pig Rock to the mouth of the Weymouth Fore River (midway between Lower Neck and Manot Beach), Quincy.	0.96	SQUARE MILES	Fecal Coliform	
					Other	
					PCB in Fish Tissue	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Hingham Bay	MA70-07	The area defined between Peddocks Island and Windmill Point; from Windmill Point southeast to Bumkin Island; from Bumkin Island southeast to Sunset Point; from Sunset Point across the mouth of the Weir River to Worlds End; from Worlds End across the mouth of Hingham Harbor to Crow Point; from Beach Lane, Hingham across the mouth of the Weymouth Back River to Lower Neck; and from Lower Neck midway across the mouth of the Weymouth Fore River.	4.8	SQUARE MILES	Fecal Coliform	
					Other	
					PCB in Fish Tissue	
Hull Bay	MA70-09	The area defined east of a line from Windmill Point, Hull to Bumkin Island, Hingham and from Bumkin Island to Sunset Point, Hull.	2.48	SQUARE MILES	Fecal Coliform	
					Other	
					PCB in Fish Tissue	
Pleasure Bay	MA70-11	A semi-enclosed bay, the flow restricted through two channels between Castle and Head islands, Boston	0.22	SQUARE MILES	Fecal Coliform	
					Other	
					PCB in Fish Tissue	
Quincy Bay	MA70-04	From Bromfield Street near the Wollaston Yacht Club, northeast to N42 17.3 W71 00.1, then southeast to Houghs Neck near Sea Street and Peterson Road (formerly referred to as the "Willows"), Quincy.	1.52	SQUARE MILES	Enterococcus	
					Fecal Coliform	
					Other	
					PCB in Fish Tissue	
Quincy Bay	MA70-05	Quincy Bay, north of the class SA waters (segment MA70-04), Quincy to the line between Moon Head and Nut Island, Quincy.	4.41	SQUARE MILES	Enterococcus	
					Fecal Coliform	
					Other	
					PCB in Fish Tissue	
Winthrop Bay	MA70-10	From the tidal flats at Coleridge Street, Boston (East Boston) to a line between Logan International Airport and Point Shirley, Boston/Winthrop.	1.65	SQUARE MILES	Enterococcus	
					Fecal Coliform	
					Other	
					PCB in Fish Tissue	
Buzzards Bay						
"Inner" Sippican Harbor	MA95-70	The waters landward of a line from Allen Point, Marion around the southeastern tip of Ram Island, then westerly from the southern tip of Ram Island to the point of land south of Nyes Wharf, Marion excluding Hammett Cove (formerly reported as a portion of segment MA95-08).	0.57	SQUARE MILES	Fecal Coliform	36172
					Nitrogen (Total)	
					Nutrient/Eutrophication Biological Indicators	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Acushnet River	MA95-31	Outlet New Bedford Reservoir, Acushnet to Hamlin Street culvert, Acushnet.	3.071	MILES	Fecal Coliform	36170
					Other	
					Oxygen, Dissolved	
					Sedimentation/Siltation	
Acushnet River	MA95-32	Hamlin Street culvert, Acushnet to culvert at Main Street, Acushnet.	1.117	MILES	Fecal Coliform	36170
					Other	
					Oxygen, Dissolved	
Acushnet River	MA95-33	Outlet Main Street culvert, Acushnet to Coggeshall Street bridge, New Bedford/Fairhaven.	0.312	SQUARE MILES	(Debris/Floatables/Trash*)	
					Color	
					Fecal Coliform	36171
					Nitrogen (Total)	
					Oil and Grease	
					Other	
					Oxygen, Dissolved	
					Polychlorinated biphenyls	
					Taste and Odor	
Agawam River	MA95-29	Wareham WWTP, Wareham to confluence with Wankinco River at Route 6 bridge, Wareham.	0.165	SQUARE MILES	Ammonia (Un-ionized)	
					Excess Algal Growth	
					Fecal Coliform	36171
					Nitrogen (Total)	
					Whole Effluent Toxicity (WET)	
Apponagansett Bay	MA95-39	From the mouth of Buttonwood Brook, Dartmouth to a line drawn from Ricketsons Point, Dartmouth to Samoset Street near North Avenue, Dartmouth.	1.067	SQUARE MILES	Fecal Coliform	36172
					Nitrogen (Total)	
					PCB in Fish Tissue	
Aucoot Cove	MA95-71	From the confluence with Aucoot Creek, Marion to the boundary of Division of Marine Fisheries designated shellfishing growing area BB31.1, north and southwest from Haskell Island, Marion (formerly part of segment 95-09).	0.029	SQUARE MILES	Fecal Coliform	36172
					Nitrogen (Total)	
					Nutrient/Eutrophication Biological Indicators	
					Oxygen, Dissolved	
Aucoot Creek	MA95-72	Estuarine portion east of Holly Pond Road, Marion to confluence with Aucoot Cove, Marion.	0.016	SQUARE MILES	Fecal Coliform	36172
					Nitrogen (Total)	
					Nutrient/Eutrophication Biological Indicators	
					Oxygen, Dissolved	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Beaverdam Creek	MA95-53	Outlet from cranberry bog southeast of Route 6, Wareham to confluence with Wewantic River, Wareham.	0.037735	SQUARE MILES	Estuarine Bioassessments	
					Fecal Coliform	36172
					Nitrogen (Total)	
Butler Cove	MA95-77	just south of Buttermilk Bay, Wareham	0.05	SQUARE MILES	Estuarine Bioassessments	
Buttermilk Bay	MA95-01	Bourne/Wareham	0.666	SQUARE MILES	Estuarine Bioassessments	
					Fecal Coliform	36172
Buzzards Bay	MA95-62	Open water area encompassed within a line drawn from Wilber Point, Fairhaven to Clarks Point, New Bedford to Ricketson Point, Dartmouth to vacinity of Samoset Street, Dartmouth down to Round Hill Point, Dartmouth and back to Wilber Point, Fairhaven.	8.02	SQUARE MILES	Fecal Coliform	36172
					PCB in Fish Tissue	
Clarks Cove	MA95-38	The semi-enclosed waterbody landward of a line drawn between Clarks Point, New Bedford and Ricketsons Point, Dartmouth.	1.9	SQUARE MILES	Fecal Coliform	36172
					PCB in Fish Tissue	
Copicut Reservoir	MA95175	Dartmouth/Fall River	596	ACRES	Mercury in Fish Tissue	
Copicut River	MA95-43	Outlet of Copicut Reservoir, Fall River to the inlet of Cornell Pond, Dartmouth.	1.348	MILES	Mercury in Fish Tissue	
					PCB in Fish Tissue	
Cornell Pond	MA95031	Dartmouth	12.366	ACRES	Mercury in Fish Tissue	33880
					PCB in Fish Tissue	
Crane Brook Bog Pond	MA95033	Carver	37.303	ACRES	(Non-Native Aquatic Plants*)	
					Excess Algal Growth	
					Phosphorus (Total)	
East Branch Westport River	MA95-41	Old County Road bridge, Westport to the mouth at Westport Harbor, Westport (excluding Horseneck Channel).	2.648	SQUARE MILES	Estuarine Bioassessments	
					Fecal Coliform	36171
					Nitrogen (Total)	
Eel Pond	MA95-61	Coastal pond at the head of Mattapoisett Harbor, Mattapoisett.	0.04	SQUARE MILES	Fecal Coliform	36172
					Nutrient/Eutrophication Biological Indicators	
Fiddlers Cove	MA95-79	cove south off Megansett Harbor, Falmouth	0.01	SQUARE MILES	Nutrient/Eutrophication Biological Indicators	
Hammett Cove	MA95-56	Borders Sippican Harbor (along a line from the southwestern most point of Little Neck to the end of the seawall on the opposite point), Marion.	0.073	SQUARE MILES	Estuarine Bioassessments	
					Fecal Coliform	36172
					Nitrogen (Total)	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Herring Brook	MA95-21	Headwaters northeast of Dale Drive and west of Route 28A, Falmouth to the mouth at Buzzards Bay, Falmouth	0.012263	SQUARE MILES	Chlorophyll-a	
					Fecal Coliform	36172
					Nitrogen (Total)	
Little Buttermilk Bay	MA95-76	off of Buttermilk Bay, Bourne	0.16	SQUARE MILES	Estuarine Bioassessments	
Little River	MA95-66	Dartmouth	0.18	SQUARE MILES	Nitrogen (Total)	
Nasketucket River	MA95-67	From outlet of unnamed pond north of Meadow Lane, Fairhaven to confluence with Little Bay, Fairhaven	0.889	MILES	Nitrogen (Total)	
New Bedford Inner Harbor	MA95-42	Coggeshall Street Bridge to hurricane barrier, Fairhaven/New Bedford.	1.251	SQUARE MILES	(Debris/Floatables/Trash*)	
					Fecal Coliform	36171
					Nitrogen (Total)	
					Oil and Grease	
					Other	
					Oxygen, Dissolved	
					PCB in Fish Tissue	
					Polychlorinated biphenyls	
					Taste and Odor	
New Bedford Reservoir	MA95110	Acushnet	211.384	ACRES	(Non-Native Aquatic Plants*)	
					DDT	
					Mercury in Fish Tissue	
					Oxygen, Dissolved	
					Phosphorus (Total)	
Noquochoke Lake	MA95113	(Main Basin) Dartmouth	87.945	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Enterococcus	
					Mercury in Fish Tissue	33880
					PCB in Fish Tissue	
					Turbidity	
Noquochoke Lake	MA95170	(South Basin) Dartmouth	12.814	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Mercury in Fish Tissue	33880
					PCB in Fish Tissue	
					Turbidity	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Noquochoke Lake	MA95171	(North Basin) Dartmouth	16.711	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Mercury in Fish Tissue	33880
					PCB in Fish Tissue	
					Turbidity	
Onset Bay	MA95-02	Wareham	0.779	SQUARE MILES	Estuarine Bioassessments	
					Fecal Coliform	36172
Outer New Bedford Harbor	MA95-63	From the hurricane barrier, Fairhaven/New Bedford to a line drawn from Wilbur Point, Fairhaven to Clarks Point, New Bedford (segment changed 6/4/03, formerly reported as MA95-27).	5.789	SQUARE MILES	Estuarine Bioassessments	
					Fecal Coliform	36172
					Nitrogen (Total)	
					Other	
					Oxygen, Dissolved	
					PCB in Fish Tissue	
Parker Mills Pond	MA95115	Wareham	73.172	ACRES	(Non-Native Aquatic Plants*)	
					Phosphorus (Total)	
Pocasset Harbor	MA95-17	From the confluence with Red Brook Harbor near the northern portion of Bassetts Island and Patuisset, Bourne to the mouth at Buzzards Bay between the western portion of Bassetts Island and Wings Neck, Bourne	0.332	SQUARE MILES	Estuarine Bioassessments	
					Fecal Coliform	36172
Rands Harbor	MA95-78	harbor south off Megansett Harbor, Falmouth	0.02	SQUARE MILES	Nutrient/Eutrophication Biological Indicators	
Sampson Pond	MA95125	Carver	295.975	ACRES	(Non-Native Aquatic Plants*)	
					DDT	
					Mercury in Fish Tissue	
Sippican River	MA95-06	Outlet Leonards Pond, Rochester to County Road, Marion/Wareham.	2.941	MILES	Chlorophyll-a	
					(Fish-Passage Barrier*)	
					Oxygen, Dissolved	
Slocums River	MA95-34	Rock O'Dundee Road (confluence with Paskemanset River), Dartmouth to mouth at Buzzards Bay, Dartmouth.	0.672	SQUARE MILES	Estuarine Bioassessments	
					Fecal Coliform	36172
					Nitrogen (Total)	
Squeteague Harbor	MA95-55	Waters landward of the confluence with Megansett Harbor, Bourne/Falmouth.	0.146	SQUARE MILES	Nutrient/Eutrophication Biological Indicators	
Tihonet Pond	MA95146	Wareham	86.615	ACRES	Oxygen, Dissolved	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Wareham River	MA95-03	From confluence of Wankinko and Agawam Rivers at Route 6 bridge, Wareham to Buzzards Bay (at an imaginary line from Cromeset Point to curved point east/southeast of Long Beach Point), Wareham. Including Marks Cove, Wareham	1.178	SQUARE MILES	Estuarine Bioassessments	
					Fecal Coliform	36172
					Nitrogen (Total)	
West Branch Westport River	MA95-37	Outlet Grays Mill Pond, Adamsville, Rhode Island to mouth at Westport Harbor, Westport.	1.285255	SQUARE MILES	Estuarine Bioassessments	
					Fecal Coliform	36172
					Nitrogen (Total)	
Westport River	MA95-54	From the confluences of the East Branch Westport River and the West Branch Westport River to Rhode Island Sound (at a line from the southwestern tip of Horseneck Point to the easternmost point near Westport Light), Westport.	0.74	SQUARE MILES	Estuarine Bioassessments	
					Fecal Coliform	36172
					Nitrogen (Total)	
Weweantic River	MA95-05	Outlet Horseshoe Pond, Wareham to mouth at Buzzards Bay, Marion/Wareham.	0.617	SQUARE MILES	Estuarine Bioassessments	
					Fecal Coliform	36172
					Nitrogen (Total)	
Wild Harbor River	MA95-68	Headwaters, Falmouth to mouth at Wild Harbor, Falmouth.	0.029	SQUARE MILES	Fecal Coliform	36172
					Nutrient/Eutrophication Biological Indicators	
Cape Cod						
Ashumet Pond	MA96004	Mashpee/Falmouth	203	ACRES	Abnormal Fish deformities, erosions, lesions, tumors (DELTS)	
					Abnormal Fish Histology (Lesions)	
					Mercury in Fish Tissue	33880
					Oxygen, Dissolved	
					Phosphorus (Total)	
Barnstable Harbor	MA96-01	From the mouths of Scorton and Spring creeks, Barnstable east to an imaginary line drawn from Beach Point to the western edge of the Mill Creek estuary, Barnstable.	3.2	SQUARE MILES	Estuarine Bioassessments	
					Fecal Coliform	36771
Bass River	MA96-12	Route 6, Dennis/Yarmouth to mouth at Nantucket Sound, Dennis/Yarmouth (excluding Grand Cove, Dennis).	0.69	SQUARE MILES	Estuarine Bioassessments	
					Fecal Coliform	36771
Boat Meadow River	MA96-15	Headwaters east of old railway grade, Eastham to mouth at Cape Cod Bay, Eastham.	0.05	SQUARE MILES	Estuarine Bioassessments	
					Fecal Coliform	36772
Cedar Pond	MA96-88	Orleans (in Inner Cape Cod Bay ACEC)	0.03	SQUARE MILES	Chlorophyll-a	
					Dissolved oxygen saturation	
					Oxygen, Dissolved	
Crystal Lake	MA96050	Orleans	33	ACRES	Oxygen, Dissolved	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Great Pond	MA96115	Eastham	109	ACRES	Chlorophyll-a	
					Oxygen, Dissolved	
					Phosphorus (Total)	
Hamblin Pond	MA96126	Barnstable	114	ACRES	Mercury in Fish Tissue	33880
					Oxygen, Dissolved	
Herring River	MA96-33	South of High Toss Road, Wellfleet to Wellfleet Harbor (at an imaginary line drawn due north from the eastern tip of Great Island to the opposite shore), Wellfleet.	0.4	SQUARE MILES	(Fish-Passage Barrier*)	
					(Other flow regime alterations*)	
					Aluminum	
					Estuarine Bioassessments	
					Fecal Coliform	36772
					pH, Low	
Herring River	MA96-67	From outlet of Herring Pond, Wellfleet to south of High Toss Road, Wellfleet.	3.6	MILES	(Fish Kills*)	
					(Fish-Passage Barrier*)	
					(Other flow regime alterations*)	
					Aluminum	
					pH, Low	
Hyannis Inner Harbor	MA96-82	Waters landward of an imaginary line drawn from Harbor Bluff, Barnstable to Hyannis Park, Yarmouth.	0.13	SQUARE MILES	Fecal Coliform	42357
					Nitrogen (Total)	
Lewis Bay	MA96-36	Includes portion of Pine Island Creek and Uncle Roberts Cove to confluence with Nantucket Sound, Barnstable/Yarmouth (excluding Hyannis Inner Harbor, Barnstable/Yarmouth and Mill Creek, Yarmouth).	1.79	SQUARE MILES	Estuarine Bioassessments	
					Fecal Coliform	36771
Long Pond	MA96183	Brewster/Harwich	715	ACRES	Oxygen, Dissolved	
Lovells Pond	MA96185	Barnstable	54	ACRES	Chlorophyll-a	
					Excess Algal Growth	
					Oxygen, Dissolved	
					Phosphorus (Total)	
					Secchi disk transparency	
Lovers Lake	MA96186	Chatham	37	ACRES	Secchi disk transparency	
Lower Mill Pond	MA96188	Brewster	44	ACRES	Chlorophyll-a	
					Excess Algal Growth	
					Phosphorus (Total)	
					Secchi disk transparency	
					Turbidity	
Middle Pond	MA96198	Barnstable	104	ACRES	Oxygen, Dissolved	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Mill Creek	MA96-80	Headwaters, outlet Mill Pond, Yarmouth to confluence with Lewis Bay, Yarmouth.	0.07	SQUARE MILES	Fecal Coliform	42365
					Nitrogen (Total)	
Mystic Lake	MA96218	Barnstable	146	ACRES	(Non-Native Aquatic Plants*)	
					Oxygen, Dissolved	
Popponesset Creek	MA96-39	All waters west of Popponesset Island (from Popponesset Island Road bridge at the north to a line extended from the southeastern most point of the island southerly to Popponesset Beach), Mashpee.	0.05	SQUARE MILES	Estuarine Bioassessments	
Red Lily Pond	MA96257	Barnstable	4	ACRES	Fecal Coliform	
					Nutrient/Eutrophication Biological Indicators	
Ryder Pond	MA96268	Truro	18	ACRES	Mercury in Fish Tissue	33880
					Oxygen, Dissolved	
					Phosphorus (Total)	
Santuit Pond	MA96277	Mashpee	164	ACRES	Abnormal Fish deformities, erosions, lesions, tumors (DELTS)	
					Abnormal Fish Histology (Lesions)	
					Chlorophyll-a	
					Excess Algal Growth	
					Nutrient/Eutrophication Biological Indicators	
					pH, High	
					Phosphorus (Total)	
					Secchi disk transparency	
Shawme Lake Lower	MA96288	Sandwich	25	ACRES	Nutrient/Eutrophication Biological Indicators	
Stillwater Pond	MA96309	Chatham	18	ACRES	Secchi disk transparency	
Swan Pond River	MA96-14	Headwaters, outlet Swan Pond, Dennis to confluence with Nantucket Sound, Dennis.	0.04	SQUARE MILES	Estuarine Bioassessments	
					Fecal Coliform	36771
Town Cove	MA96-68	Entire cove to Nauset Harbor, including Rachael Cove and Woods Cove, Orleans/Eastham (area associated with Cape Cod National Seashore designated as ORW).	0.79	SQUARE MILES	Estuarine Bioassessments	
					Fecal Coliform	36772
Upper Shawme Lake	MA96326	Sandwich	21	ACRES	Nutrient/Eutrophication Biological Indicators	

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Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Walkers Pond	MA96331	Brewster	100	ACRES	Excess Algal Growth	
					Phosphorus (Total)	
					Secchi disk transparency	
					Turbidity	
Waquoit Bay	MA96-21	From mouths of Seapit River, Quashnet River (also known as Moonakis River), Falmouth and Great River, Mashpee to confluence with Vineyard Sound, Falmouth/Mashpee.	1.42	SQUARE MILES	Estuarine Bioassessments	
					Oxygen, Dissolved	
Charles						
Alder Brook	MA72-22	Headwaters northwest of the Route 135 and South Street intersection, Needham to the confluence with the Charles River, Needham.	0.282	MILES	Aquatic Macroinvertebrate Bioassessments	
					Nutrient/Eutrophication Biological Indicators	40317
Beaver Brook	MA72-12	Headwaters, outlet Beaver Pond, Bellingham to the confluence with the Charles River, Bellingham.	1.413	MILES	Escherichia coli	
Beaver Brook	MA72-28	Headwaters, north of Route 2, Lexington through culverting to Charles River, Waltham.	5.535	MILES	(Non-Native Aquatic Plants*)	
					(Other anthropogenic substrate alterations*)	
					(Other flow regime alterations*)	
					Escherichia coli	32379
					Excess Algal Growth	40317
					Organic Enrichment (Sewage) Biological Indicators	40317
					Oxygen, Dissolved	40317
					Phosphorus (Total)	40317
					Sedimentation/Siltation	
					Taste and Odor	
					Turbidity	40317
Bulloughs Pond	MA72011	Newton	6.887	ACRES	Excess Algal Growth	
					Nutrient/Eutrophication Biological Indicators	
Cambridge Reservoir, Upper Basin	MA72156	Lincoln/Lexington	43.998	ACRES	Aquatic Plants (Macrophytes)	
					Turbidity	
Chandler Pond	MA72017	Boston	11.394	ACRES	Excess Algal Growth	
					Nutrient/Eutrophication Biological Indicators	
					Phosphorus (Total)	
					Secchi disk transparency	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Charles River	MA72-03	Milford WWTF discharge, Hopedale to outlet Box Pond (formerly segment MA72008), Bellingham.	3.374	MILES	DDT	
					Dissolved oxygen saturation	40317
					Escherichia coli	32365
					Excess Algal Growth	40317
					Organic Enrichment (Sewage) Biological Indicators	40317
					Phosphorus (Total)	40317
Charles River	MA72-04	Outlet Box Pond, Bellingham to inlet Populatic Pond, Norfolk/Medway.	11.457	MILES	(Other flow regime alterations*)	
					Chlordane	
					DDT	
					Escherichia coli	32366
					Fishes Bioassessments	
					Mercury in Fish Tissue	
Charles River	MA72-05	Outlet Populatic Pond, Norfolk/Medway to South Natick Dam, Natick.	18.078	MILES	(Non-Native Aquatic Plants*)	
					Aquatic Macroinvertebrate Bioassessments	
					Chlordane	
					DDT	
					Dissolved oxygen saturation	40317
					Excess Algal Growth	40317
					Mercury in Fish Tissue	
					Nutrient/Eutrophication Biological Indicators	40317
					Oxygen, Dissolved	40317
					Phosphorus (Total)	40317
					Turbidity	40317

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Charles River	MA72-06	South Natick Dam, Natick to Chestnut Street, Needham/Dover.	8.356	MILES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					(Other flow regime alterations*)	
					Other	
					DDT	
					Excess Algal Growth	40317
					Fishes Bioassessments	
					Nutrient/Eutrophication Biological Indicators	40317
					PCB in Fish Tissue	
					Phosphorus (Total)	40317
Charles River	MA72-07	Chestnut Street, Needham to Watertown Dam, Watertown.	24.774	MILES	(Fish-Passage Barrier*)	
					(Non-Native Aquatic Plants*)	
					(Other flow regime alterations*)	
					DDT	
					Escherichia coli	32370
					(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					Fishes Bioassessments	
					Nutrient/Eutrophication Biological Indicators	40317
					PCB in Fish Tissue	
					Phosphorus (Total)	40317

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Charles River	MA72-36	Watertown Dam, Watertown to the Boston University Bridge, Boston/Cambridge (formerly part of segment MA72-08).	6.052	MILES	(Fish-Passage Barrier*)	
					(Non-Native Aquatic Plants*)	
					(Other flow regime alterations*)	
					Other	
					Chlorophyll-a	33826
					DDT	
					Escherichia coli	32371
					Fishes Bioassessments	
					Nutrient/Eutrophication Biological Indicators	33826
					Oil and Grease	
					Oxygen, Dissolved	
					PCB in Fish Tissue	
					pH, High	
					Phosphorus (Total)	33826
					Secchi disk transparency	33826
					Sediment Bioassays -- Acute Toxicity Freshwater	
Charles River	MA72-38	Boston University Bridge, Boston/Cambridge to the New Charles River Dam, Boston (formerly part of segment MA72-08).	3.092	MILES	(Other flow regime alterations*)	
					Salinity	
					Sediment Screening Value (Exceedence)	
					Chlorophyll-a	33826
					Combined Biota/Habitat Bioassessments	
					DDT	
					Dissolved oxygen saturation	
					Escherichia coli	
					Excess Algal Growth	33826
					Nutrient/Eutrophication Biological Indicators	33826
					Oil and Grease	
					Oxygen, Dissolved	
					PCB in Fish Tissue	
					Phosphorus (Total)	33826
					Secchi disk transparency	33826
					Taste and Odor	33826
					Temperature, water	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Fuller Brook	MA72-18	Headwater south of Route 135, Needham to confluence with Waban Brook, Wellesley.	4.282	MILES	(Physical substrate habitat alterations*)	
					Escherichia coli	32374
					Nutrient/Eutrophication Biological Indicators	40317
					Sedimentation/Siltation	
Jamaica Pond	MA72052	Boston	66.734	ACRES	Oxygen, Dissolved	
					Phosphorus (Total)	
Kendrick Street Pond	MA72055	Needham	39.264	ACRES	Turbidity	
Lake Winthrop	MA72140	Holliston	131.341	ACRES	(Non-Native Aquatic Plants*)	
					2,3,7,8-Tetrachlorodibenzo-p-dioxin (only)	
					Aquatic Plants (Macrophytes)	40319
Mill River	MA72-15	Headwaters, outlet Bush Pond, Norfolk to confluence with the Charles River, Norfolk.	3.47	MILES	Temperature, water	
Mine Brook	MA72-14	Headwaters in Franklin State Forest, Franklin to the confluence with the Charles River, Franklin (through Mine Brook Pond, formerly segment MA72077).	8.942	MILES	(Habitat Assessment (Streams)*)	
					Temperature, water	
Muddy River	MA72-11	Headwaters, outlet Ward Pond in Olmstead Park, Boston through Leverett Pond, Boston/Brookline to confluence with Charles River, Boston.	3.6	MILES	(Bottom Deposits*)	
					(Non-Native Aquatic Plants*)	
					(Other flow regime alterations*)	
					(Physical substrate habitat alterations*)	
					DDT	
					Escherichia coli	32383
					Oil and Grease	
					Other	
					Oxygen, Dissolved	
					PCB in Fish Tissue	
					Phosphorus (Total)	
					Taste and Odor	
					Turbidity	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Populatic Pond	MA72096	Norfolk	41.911	ACRES	Chlordane	
					DDT	
					Dissolved oxygen saturation	40319
					Excess Algal Growth	40319
					Mercury in Fish Tissue	33880
					Nutrient/Eutrophication Biological Indicators	40319
					Oxygen, Dissolved	40319
Powissett Brook	MA72-20	Headwaters, outlet Noannet Pond, Westwood to confluence with Charles River, Dover.	1.849	MILES	Combined Biota/Habitat Bioassessments	
Rock Meadow Brook	MA72-21	Headwaters in Fisher Meadow, Westwood through Stevens Pond and Lee Pond, Westwood to confluence with Charles River, Dedham.	3.771	MILES	Aquatic Macroinvertebrate Bioassessments	
					Aquatic Plants (Macrophytes)	40317
					Excess Algal Growth	40317
					Nutrient/Eutrophication Biological Indicators	40317
					Oxygen, Dissolved	40317
					Phosphorus (Total)	40317
Sawmill Brook	MA72-23	Headwaters, Newton to confluence with Charles River, Boston.	2.397	MILES	Chloride	
					Escherichia coli	32376
					Organic Enrichment (Sewage) Biological Indicators	40317
					Oxygen, Dissolved	40317
					Phosphorus (Total)	40317
Stop River	MA72-09	Headwaters near Dedham Street (Route 1A), Wrentham to Norfolk-Walpole MCI discharge, Norfolk (through Highland Lake formerly segment MA72047).	5.566	MILES	Ambient Bioassays -- Chronic Aquatic Toxicity	
					Oxygen, Dissolved	40317
					Phosphorus (Total)	40317
Stop River	MA72-10	Norfolk-Walpole MCI discharge, Norfolk to confluence with Charles River, Medfield.	4.168	MILES	Escherichia coli	32372
					Organic Enrichment (Sewage) Biological Indicators	40317
					Phosphorus (Total)	40317
					Temperature, water	
Trout Brook	MA72-19	Headwaters, outlet Channings Pond, Dover to confluence with Charles River, Dover.	2.772	MILES	Nutrient/Eutrophication Biological Indicators	40317
					Temperature, water	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Unnamed Tributary	MA72-30	Locally known as Laundry Brook - emerges north of California Street, Watertown to the confluence with the Charles River, Watertown.	0.023	MILES	(Physical substrate habitat alterations*)	
					Enterococcus	32381
					Escherichia coli	32381
					Phosphorus (Total)	
					Taste and Odor	
					Total Suspended Solids (TSS)	
					Turbidity	
Unnamed Tributary	MA72-31	Locally known as "Millers River" - from emergence near Route 93, Cambridge/Boston to the confluence with the Charles River, Cambridge.	0.207	MILES	(Bottom Deposits*)	
					Foam/Flocs/Scum/Oil Slicks	
					(Habitat Assessment (Streams)*)	
					Other	
					Petroleum Hydrocarbons	
					Polychlorinated biphenyls	
					Polycyclic Aromatic Hydrocarbons (PAHs) (Aquatic Ecosystems)	
					Sedimentation/Siltation	
					Taste and Odor	
Waban Brook	MA72-17	Headwaters, outlet Lake Waban, Wellesley to confluence with the Charles River, Wellesley.	0.717	MILES	Temperature, water	
Chicopee						
Abbey Brook	MA36-40	Headwaters west of Saint James Avenue, Springfield through Bemis Pond (formely reported as segment MA36011) to the confluence with the Chicopee River, Chicopee.	1.5	MILES	Total Suspended Solids (TSS)	
Alden Pond	MA36003	Ludlow	4	ACRES	Nutrient/Eutrophication Biological Indicators	
Brookhaven Lake	MA36021	West Brookfield	34	ACRES	Turbidity	
Chicopee River	MA36-22	Source, confluence of Ware River and Quaboag River, Palmer (through Red Bridge Impoundment formerly segment MA36171) to Red Bridge Impoundment Dam, Wilbraham/Ludlow.	2.8	MILES	Escherichia coli	
					Mercury in Fish Tissue	
Chicopee River	MA36-24	Wilbraham Pumping Station (old WWTP), Wilbraham/Ludlow to Chicopee Falls Dam, Chicopee.	9.1	MILES	Fecal Coliform	
Chicopee River	MA36-25	Chicopee Falls Dam, Chicopee to confluence with Connecticut River, Chicopee.	3	MILES	Escherichia coli	
Dean Pond	MA36050	Oakham	64	ACRES	Excess Algal Growth	
					Turbidity	
Doane Pond	MA36054	North Brookfield	28	ACRES	Aquatic Plants (Macrophytes)	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Eames Pond	MA36056	Paxton	58	ACRES	Oxygen, Dissolved	
East Branch Ware River	MA36-01	Outlet Bickford Pond, Hubbardston to confluence with the West Branch Ware River, Barre.	12.4	MILES	Oxygen, Dissolved	
East Brookfield River	MA36-13	Outlet Lake Lashaway, East Brookfield to Quaboag Pond, East Brookfield.	2.4	MILES	(Non-Native Aquatic Plants*)	
					Oxygen, Dissolved	
Forget-Me-Not- Brook	MA36-28	North Brookfield WWTP discharge, North Brookfield to confluence with Dunn Brook, East Brookfield/Brookfield.	1.3	MILES	Aquatic Macroinvertebrate Bioassessments	
					Escherichia coli	
					Taste and Odor	
					Whole Effluent Toxicity (WET)	
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	
Lake Whittemore	MA36165	Spencer	52	ACRES	Turbidity	
Quaboag Pond	MA36130	Brookfield/East Brookfield	544	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Excess Algal Growth	33846
					Mercury in Fish Tissue	
					Phosphorus (Total)	33846
Quaboag River	MA36-16	Warren WWTP discharge, Warren to Route 32 bridge, Palmer/Monson.	8.7	MILES	Fecal Coliform	
Quaboag River	MA36-17	Route 32 bridge, Palmer/Monson to confluence with Ware River forming headwaters of Chicopee River, Palmer.	5.3	MILES	Escherichia coli	
Unnamed tributary	MA36-39	Unnamed tributary to the Chicopee River locally known as "Poor Brook" from headwaters near the Conrail tracks, Springfield to the confluence with the Chicopee River, Chicopee.	2.2	MILES	Escherichia coli	
Ware River	MA36-03	MDC intake, Barre to dam at South Barre Reservoir, Barre. (through former segments Powder Mill Pond MA36126 and South Barre Reservoir MA36141)	2.1	MILES	Mercury in Fish Tissue	
Ware River	MA36-05	Wheelwright Dam, New Braintree/Hardwick to Ware Dam, Ware.	11.5	MILES	Escherichia coli	
Ware River	MA36-06	Ware Dam, Ware to Thorndike Dam, Palmer.	10.1	MILES	Fecal Coliform	
Ware River	MA36-27	Confluence of East Branch Ware and West Branch Ware rivers, Barre to MDC intake, Barre.	4.9	MILES	Oxygen, Dissolved	
					Temperature, water	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Concord						
Assabet River	MA82B-01	Outlet of the Assabet River Reservoir, Westborough to the Westborough WWTP discharge, Westborough.	1.249	MILES	(Low flow alterations*)	
					Aquatic Macroinvertebrate Bioassessments	
					Fecal Coliform	
					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	
					Fecal Coliform	
					Nutrient/Eutrophication Biological Indicators	35104
					Oxygen, Dissolved	35104
					Phosphorus (Total)	35104
Assabet River	MA82B-03	From the Route 20 Dam, Northborough to the Marlborough West WWTP discharge, Marlborough.	2.439	MILES	(Debris/Floatables/Trash*)	
					(Non-Native Aquatic Plants*)	
					Excess Algal Growth	35105
					Fecal Coliform	
					Phosphorus (Total)	35105
					Taste and Odor	
Assabet River	MA82B-04	From the Marlborough West WWTP discharge, Marlborough to the Hudson WWTP discharge, Hudson.	8.017	MILES	Aquatic Macroinvertebrate Bioassessments	
					Aquatic Plants (Macrophytes)	35106
					Excess Algal Growth	35106
					Fecal Coliform	
					Fishes Bioassessments	
					Oxygen, Dissolved	35106
					Phosphorus (Total)	35106
Assabet River	MA82B-05	From the Hudson WWTP discharge, Hudson to the USGS gage at Routes 27/62, Maynard.	8.197	MILES	(Debris/Floatables/Trash*)	
					(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	35107
					Excess Algal Growth	35107
					Fecal Coliform	
					Nutrient/Eutrophication Biological Indicators	35107
					Oxygen, Dissolved	35107
					Phosphorus (Total)	35107
					Taste and Odor	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Assabet River	MA82B-06	From the USGS gage at Routes 27/62, Maynard to the Powdermill Dam, Acton.	1.22	MILES	(Debris/Floatables/Trash*)	
					(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	35108
					Excess Algal Growth	35108
					Other	
					Oxygen, Dissolved	35108
					Phosphorus (Total)	35108
					Taste and Odor	
					Temperature, water	
Assabet River	MA82B-07	From the Powdermill Dam, Acton to the confluence with the Sudbury River, Concord.	6.402	MILES	Fecal Coliform	
					Phosphorus (Total)	35109
Assabet River Reservoir	MA82004	Westborough	338.14	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					Dissolved oxygen saturation	35103
					Excess Algal Growth	
					Mercury in Fish Tissue	33880
					Oxygen, Dissolved	35103
					Turbidity	
Carding Mill Pond	MA82015	Sudbury	40.466	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Dissolved oxygen saturation	
					Excess Algal Growth	
					Phosphorus (Total)	
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*)	
					(Non-Native Aquatic Plants*)	
					Fecal Coliform	
					Mercury in Fish Tissue	
					Phosphorus (Total)	
Concord River	MA82A-08	From the Billerica Water Supply intake, Billerica to Rogers Street bridge, Lowell.	5.073	MILES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	
					Phosphorus (Total)	

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Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Concord River	MA82A-09	From the Rogers Street bridge, Lowell to the confluence with the Merrimack River, Lowell.	0.899	MILES	(Debris/Floatables/Trash*)	
					Excess Algal Growth	
					Fecal Coliform	
					Mercury in Fish Tissue	
					Phosphorus (Total)	
Dudley Pond	MA82029	Wayland	83.173	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Oxygen, Dissolved	
					Turbidity	
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*)	
					(Non-Native Aquatic Plants*)	
					Aquatic Macroinvertebrate Bioassessments	
					Excess Algal Growth	
					Taste and Odor	
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	
Farm Pond	MA82035	Framingham	139.682	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Excess Algal Growth	
					Turbidity	
Fort Meadow Reservoir	MA82042	Marlborough/Hudson	254	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					Chlordane	
					Phosphorus (Total)	
Framingham Reservoir #1	MA82044	Framingham	117.597	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	
Framingham Reservoir #2	MA82045	Framingham/Ashland	114.357	ACRES	Mercury in Fish Tissue	
					Turbidity	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Grist Mill Pond	MA82055	Sudbury/Marlborough	16.731	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Dissolved oxygen saturation	
					Excess Algal Growth	
					Fecal Coliform	
					Phosphorus (Total)	
Hager Pond	MA82056	Marlborough	29.917	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Dissolved oxygen saturation	
					Excess Algal Growth	
					Fecal Coliform	
					Phosphorus (Total)	
					Turbidity	
Heard Pond	MA82058	Wayland	75.632	ACRES	(Non-Native Aquatic Plants*)	
					Excess Algal Growth	
					Mercury in Fish Tissue	
					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)	
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	Dissolved oxygen saturation	
					Excess Algal Growth	
					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 quads prior to 1987).	2.971	MILES	Excess Algal Growth	
					Fecal Coliform	
					Oxygen, Dissolved	
					Phosphorus (Total)	
Hopkinton Reservoir	MA82061	Hopkinton/Ashland	161.09	ACRES	(Non-Native Aquatic Plants*)	
					Oxygen, Dissolved	
Lake Cochituate	MA82020	[North Basin] Natick/Framingham/Wayland	195.59	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					Oxygen, Dissolved	
					PCB in Fish Tissue	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Lake Cochituate	MA82125	[Middle Basin] Natick/Wayland	134.528	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Enterococcus	
					Oxygen, Dissolved	
					PCB in Fish Tissue	
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	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Oxygen, Dissolved	
					PCB in Fish Tissue	
Long Pond	MA82072	Littleton	101.744	ACRES	Excess Algal Growth	
					Oxygen, Dissolved	
					Phosphorus (Total)	
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	
Nutting Lake	MA82088	[East Basin] Billerica	30.481	ACRES	(Non-Native Aquatic Plants*)	
					Escherichia coli	
					Mercury in Fish Tissue	33880
Pantry Brook	MA82A-19	From source west of Haynes Road, Sudbury to the confluence with the Sudbury River, Sudbury.	3.226	MILES	Fecal Coliform	
Puffers Pond	MA82092	Maynard/Sudbury	28.441	ACRES	Mercury in Fish Tissue	
River Meadow Brook	MA82A-10	From the outlet of Russell Mill Pond, Chelmsford to the confluence with the Concord River, Lowell.	6.415	MILES	(Debris/Floatables/Trash*)	
					(Non-Native Aquatic Plants*)	
					Fecal Coliform	
Saxonville Pond	MA82097	Framingham	58.818	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Mercury in Fish Tissue	

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Stearns Mill Pond	MA82104	Sudbury	19.079	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Dissolved oxygen saturation	
					Excess Algal Growth	
					Phosphorus (Total)	
					Turbidity	
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	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	
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	Aquatic Macroinvertebrate Bioassessments	
					Mercury in Fish Tissue	
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	Excess Algal Growth	
					Oxygen, Dissolved	
					Phosphorus (Total)	
					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	
					Excess Algal Growth	
					Oxygen, Dissolved	
					pH, High	
					Phosphorus (Total)	
					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	
					Excess Algal Growth	
					Oxygen, Dissolved	
					Phosphorus (Total)	
					Total Suspended Solids (TSS)	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
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	
Waushakum Pond	MA82112	Framingham/Ashland	87.195	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Oxygen, Dissolved	
					Phosphorus (Total)	
					Turbidity	
Whitehall Reservoir	MA82120	Hopkinton	559.601	ACRES	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	33880
					Oxygen, Dissolved	
					Phosphorus (Total)	
Connecticut						
Arcadia Lake	MA34005	Belchertown	32.314	ACRES	(Non-Native Aquatic Plants*)	
					Nutrient/Eutrophication Biological Indicators	
Bartons Cove	MA34122	(CT River) Gill	159.684	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Escherichia coli	
					PCB in Fish Tissue	
Bloody Brook	MA34-36	From the railroad tracks north of North Main Street, Deerfield to the confluence with Mill River, Whately.	3.679	MILES	Escherichia coli	
					Oxygen, Dissolved	
					Phosphorus (Total)	
					Turbidity	
Buttery Brook	MA34-42	Headwaters (perennial portion), west of Haig Avenue, South Hadley to the confluence with the Connecticut River, South Hadley (interrupted urban, portions culverted).	1.6	MILES	Escherichia coli	
Connecticut River	MA34-01	New Hampshire/Vermont/Massachusetts state line to Route 10 bridge, Northfield.	3.48	MILES	(Alteration in stream-side or littoral vegetative covers*)	
					(Other flow regime alterations*)	
					PCB in Fish Tissue	
Connecticut River	MA34-02	Route 10 bridge, Northfield to Turners Falls Dam, Gill/Montague.	11.213	MILES	(Alteration in stream-side or littoral vegetative covers*)	
					(Other flow regime alterations*)	
					PCB in Fish Tissue	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Connecticut River	MA34-03	Turners Falls Dam, Gil/Montague to confluence with Deerfield River, Greenfield/Montague/Deerfield.	3.604	MILES	(Low flow alterations*)	
					(Other flow regime alterations*)	
					PCB in Fish Tissue	
					Total Suspended Solids (TSS)	
Connecticut River	MA34-04	Confluence with Deerfield River, Greenfield/Montague/Deerfield to Holyoke Dam, Holyoke/South Hadley.	34.372	MILES	Escherichia coli	
					PCB in Fish Tissue	
Connecticut River	MA34-05	Holyoke Dam, Holyoke/South Hadley to Massachusetts/Connecticut border.	15.853	MILES	Escherichia coli	
					PCB in Fish Tissue	
					Total Suspended Solids (TSS)	
Forge Pond	MA34024	Granby	72.034	ACRES	(Non-Native Aquatic Plants*)	
					Nutrient/Eutrophication Biological Indicators	
Fort River	MA34-27	Headwaters (confluence of Adams and Amethyst brooks, Amherst), to confluence Connecticut River, Hadley.	12.812	MILES	Escherichia coli	
Lake Lookout	MA34044	Springfield	6.644	ACRES	Nutrient/Eutrophication Biological Indicators	
Lampson Brook	MA34-06	Belchertown WWTP discharge, Belchertown to confluence with Weston Brook, Belchertown.	1.158	MILES	Oxygen, Dissolved	
					Phosphorus (Total)	
Leaping Well Reservoir	MA34040	South Hadley	8.806	ACRES	(Non-Native Aquatic Plants*)	
					Excess Algal Growth	
Log Pond Cove	MA34124	Holyoke	19.205	ACRES	(Non-Native Aquatic Plants*)	
					PCB in Fish Tissue	
Manhan River	MA34-11	Outlet Tighe Carmody Reservoir, Southampton to confluence with Connecticut River, Easthampton.	19.168	MILES	Escherichia coli	
Metacomet Lake	MA34051	Belchertown	50.525	ACRES	(Non-Native Aquatic Plants*)	
					Oxygen, Dissolved	
Mill Pond	MA34052	Springfield	13.241	ACRES	Nutrient/Eutrophication Biological Indicators	
					Taste and Odor	
Mill River	MA34-25	Headwaters, outlet Factory Hollow Pond, Amherst to inlet Lake Warner, Hadley.	5.228	MILES	Escherichia coli	
Mill River	MA34-28	Headwaters (confluence of East and West Branch Mill River, Williamsburg), to outlet Paradise Pond, Northampton.	9.979	MILES	Escherichia coli	
Mill River	MA34-29	Headwaters, outlet Watershops Pond, Springfield to confluence with Connecticut River, Springfield. (Interrupted stream)	1.294	MILES	Escherichia coli	

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Nashawannuck Pond	MA34057	Easthampton	30.068	ACRES	(Non-Native Aquatic Plants*)	
					Nutrient/Eutrophication Biological Indicators	
					Phosphorus (Total)	
Noonan Cove	MA34058	Springfield	2.712	ACRES	Aquatic Plants (Macrophytes)	
					Turbidity	
Oxbow	MA34066	The waterbody west of Route 91 (bounded on the northeast by Route 91, the southeast by the Manhan River, and the west by Old Springfield Road), Northampton/Easthampton (excluding the delineated segment; Danks Pond MA34019).	148.057	ACRES	(Non-Native Aquatic Plants*)	
					Turbidity	
Porter Lake	MA34073	Springfield	27.931	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Excess Algal Growth	
Porter Lake West	MA34072	Springfield	5.036	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Excess Algal Growth	
Stony Brook	MA34-19	Headwaters, Granby to confluence with Connecticut River, South Hadley (thru Upper Pond formerly segment MA34095 and Lower Pond formerly segment MA34049).	13.334	MILES	(Non-Native Aquatic Plants*)	
					Escherichia coli	
					Turbidity	
Upper Van Horn Park Pond	MA34128	Springfield (Changed from MA36158 to 34128 on 6/21/02, TRD)	8.261	ACRES	Nutrient/Eutrophication Biological Indicators	
					Phosphorus (Total)	
Venture Pond	MA34096	Springfield	6.516	ACRES	Nutrient/Eutrophication Biological Indicators	
					Oxygen, Dissolved	
					Phosphorus (Total)	
Watershops Pond	MA34099	Springfield	161.531	ACRES	Nutrient/Eutrophication Biological Indicators	
Weston Brook	MA34-23	Headwaters, Belchertown to inlet Forge Pond, Granby.	2.702	MILES	Phosphorus (Total)	
Wilton Brook	MA34-15	Headwaters, Easthampton to outlet RubberThread Pond (formerly segment MA34105) , Easthampton.	1.132	MILES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
Deerfield						
Chickley River	MA33-11	Headwaters Savoy Mountain State Forest, Savoy to confluence with Deerfield River, Charlemont.	11.084	MILES	Fecal Coliform	
Davis Mine Brook	MA33-18	Headwaters, just south of Dell Road, Rowe to confluence with Mill Brook, Charlemont.	3.301077	MILES	pH, Low	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Green River	MA33-30	From Greenfield swimming pool dam (northwest of Nashs Mill Road), Greenfield to confluence with the Deerfield River, Greenfield . (formerly segment MA33-10 and part of segment MA33-09)	3.735	MILES	Fecal Coliform	
Sherman Reservoir	MA33018	Massachusetts portion only. Rowe/Monroe/Whitingham, Vt.	72.437	ACRES	Mercury in Fish Tissue	
South River	MA33-08	Emments Road Ashfield to confluence with Deerfield River, Conway (through South River Impoundment formerly segment MA33022).	12.957	MILES	(Physical substrate habitat alterations*)	
					Fecal Coliform	
Farmington						
Big Pond	MA31004	Otis	325.203	ACRES	Mercury in Fish Tissue	33880
					Oxygen, Dissolved	
Shaw Pond	MA31036	Becket/Otis	80.431	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					Oxygen, Dissolved	
Upper Spectacle Pond	MA31044	Sandisfield/Otis	52.655	ACRES	Oxygen, Dissolved	
West Branch Farmington River	MA31-01	Outlet of Hayden Pond, Otis to Sandisfield/Tolland, Massachusetts and Colebrook, Connecticut in the Colebrook Reservoir.	16.134	MILES	Lack of a coldwater assemblage	
York Lake	MA31052	New Marlborough	28.763	ACRES	Oxygen, Dissolved	
French						
Burncoat Brook	MA42-07	Headwaters, outlet Bouchard Pond, Leicester to confluence with Town Meadow Brook, Leicester (through former pond segment Ballard Hill Pond MA42069).	1	MILES	Aquatic Macroinvertebrate Bioassessments	
					Escherichia coli	
French River	MA42-03	Headwaters, outlet Greenville Pond, Leicester to the outlet of Thayer Pond, Oxford (excluding approximately 0.6 miles through Rochdale Pond segment MA42048) (through former pond segments Texas Pond MA42058 and Thayers Pond MA42059).	3.8	MILES	Aquatic Plants (Macrophytes)	2357
					Mercury in Fish Tissue	
					Phosphorus (Total)	
					Turbidity	
French River	MA42-04	From dam just upstream of Clara Barton Road, Oxford, to dam at North Village, Webster/Dudley.	9.6	MILES	Mercury in Fish Tissue	
French River	MA42-05	Dam at North Village, Webster/Dudley to Webster WWTP outfall, Webster/Dudley.	2.4	MILES	(Debris/Floatables/Trash*)	
					(Other flow regime alterations*)	
					Aquatic Macroinvertebrate Bioassessments	
					Fecal Coliform	

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
French River	MA42-06	Webster WWTP outfall, Webster/Dudley to state line, Dudley, MA/Thompson,CT.	1	MILES	(Debris/Floatables/Trash*)	
					Aquatic Macroinvertebrate Bioassessments	
					Fecal Coliform	
					Other	
					Sediment Screening Value (Exceedence)	
					Taste and Odor	
					Turbidity	
Grindstone Brook	MA42-18	Headwaters outlet Henshaw Pond, Leicester to inlet Rochdale Pond, Leicester.	2.3	MILES	Escherichia coli	
Little River	MA42-13	Headwaters, outlet Pikes Pond, Charlton to inlet Buffumville Lake, Charlton (formerly part of segment MA42-09).	3.5	MILES	Aquatic Macroinvertebrate Bioassessments	
					Oxygen, Dissolved	
Sucker Brook	MA42-15	Headwaters, outlet Nipmuck Pond, Webster to inlet Club Pond, Webster	1.7	MILES	Aquatic Macroinvertebrate Bioassessments	
					Escherichia coli	
Hoosic						
Cheshire Reservoir, Middle Basin	MA11018	[Middle Basin] Cheshire/Lanesborough	186.35	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
Cheshire Reservoir, North Basin	MA11002	[North Basin] Cheshire	284.024	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Nutrient/Eutrophication Biological Indicators	
					Turbidity	
Cheshire Reservoir, South Basin	MA11019	[South Basin] Cheshire/Lanesborough	91.718	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Excess Algal Growth	
Green River	MA11-06	Headwaters southwest of Sugarloaf Mountain (west of Ingraham Road), New Ashford to confluence with Hoosic River, Williamstown.	12.498	MILES	Fecal Coliform	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Hoosic River	MA11-03	Headwaters, outlet Cheshire Reservoir, Cheshire to Adams WWTP discharge, Adams.	8.841	MILES	(Alteration in stream-side or littoral vegetative covers*)	
					(Other flow regime alterations*)	
					(Physical substrate habitat alterations*)	
					Ambient Bioassays -- Chronic Aquatic Toxicity	
					Fecal Coliform	
					Temperature, water	
Hoosic River	MA11-04	Adams WWTP discharge, Adams to confluence with North Branch Hoosic River, North Adams.	5.387	MILES	(Alteration in stream-side or littoral vegetative covers*)	
					(Other flow regime alterations*)	
					Fecal Coliform	
Hoosic River	MA11-05	Confluence with North Branch Hoosic River, North Adams to the Vermont State line, Williamstown.	8.225	MILES	(Alteration in stream-side or littoral vegetative covers*)	
					(Other flow regime alterations*)	
					Aquatic Macroinvertebrate Bioassessments	
					Fecal Coliform	
					PCB in Fish Tissue	
Mauserts Pond	MA11009	Clarksburg	50.896	ACRES	Enterococcus	
North Branch Hoosic River	MA11-02	From USGS Gage, North Adams to confluence with Hoosic River, North Adams.	1.537	MILES	(Alteration in stream-side or littoral vegetative covers*)	
					(Other flow regime alterations*)	
					Fecal Coliform	
					Polychlorinated biphenyls	
Paull Brook	MA11-20	Headwaters, outlet of Mt. Williams Reservoir, North Adams to confluence with unnamed tributary, Williamstown.	2.089	MILES	Fecal Coliform	
Housatonic						
East Branch Housatonic River	MA21-01	Outlet of Muddy Pond, Washington to the outlet of Center Pond, Dalton.	11.251	MILES	Fecal Coliform	
					PCB in Fish Tissue	
East Branch Housatonic River	MA21-02	Outlet of Center Pond, Dalton to confluence with the Housatonic River, Pittsfield.	8.019	MILES	Fecal Coliform	
					PCB in Fish Tissue	
Goodrich Pond	MA21042	Pittsfield	15.355	ACRES	PCB in Fish Tissue	
Housatonic River	MA21-04	Confluence of Southwest Branch Housatonic River and West Branch Housatonic River, Pittsfield to outlet of Woods Pond, Lee/Lenox (pond was formerly segment MA21120).	12.322	MILES	(Non-Native Aquatic Plants*)	
					Fecal Coliform	
					PCB in Fish Tissue	
					Polychlorinated biphenyls	

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Housatonic River	MA21-19	Outlet of Woods Pond, Lee/Lenox to the Risingdale Impoundment dam, Great Barrington (impoundment formerly segment MA21121).	19.88	MILES	(Zebra mussel, Dreissena polymorph*)	
					Excess Algal Growth	
					PCB in Fish Tissue	
					Phosphorus (Total)	
					Polychlorinated biphenyls	
Housatonic River	MA21-20	Outlet of Risingdale Impoundment, Great Barrington to the state line in Sheffield, MA/Canaan, CT.	23.036	MILES	PCB in Fish Tissue	
Konkapot River	MA21-25	Outlet of Brewer Lake, Monterey to the state line in New Marlborough, MA/Canaan, CT.	16.467	MILES	Mercury in Fish Tissue	
Konkapot River	MA21-26	From the state line in Sheffield, MA/Canaan, CT, to the confluence with the Housatonic River, Sheffield.	2.866	MILES	Mercury in Fish Tissue	
Lake Buel	MA21014	Monterey/New Marlborough	194.396	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Dissolved oxygen saturation	
					Oxygen, Dissolved	
					Phosphorus (Total)	
Lake Garfield	MA21040	Monterey	256.898	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Oxygen, Dissolved	
					Phosphorus (Total)	
Laurel Lake	MA21057	Lee/Lenox	173.51	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					(Zebra mussel, Dreissena polymorph*)	
					Dissolved oxygen saturation	
					Oxygen, Dissolved	
					Phosphorus (Total)	
Morewood Lake	MA21071	Pittsfield	19.519	ACRES	PCB in Fish Tissue	
Pontoosuc Lake	MA21083	Lanesborough/Pittsfield	500.316	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					DDT	
					Mercury in Fish Tissue	33880
Southwest Branch Housatonic River	MA21-17	Headwaters, outlet Richmond Pond, Pittsfield to confluence with West Branch Housatonic River, Pittsfield.	5.835	MILES	Fecal Coliform	
					Sedimentation/Siltation	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Wahconah Falls Brook	MA21-11	Headwaters, outlet of Windsor Reservoir, Windsor to confluence with East Branch Housatonic River, Dalton.	3.381	MILES	Fecal Coliform	
West Branch Housatonic River	MA21-18	Headwaters, outlet of Pontoosuc Lake, Pittsfield to confluence with Southwest Branch Housatonic River (forming the headwaters of the Housatonic River), Pittsfield.	4.088	MILES	Combined Biota/Habitat Bioassessments	
					(Debris/Floatables/Trash*)	
					Fecal Coliform	
					Polychlorinated biphenyls	
					Taste and Odor	
Ipswich						
Brackett Pond	MA92004	Andover	15.671	ACRES	Turbidity	
Collins Pond	MA92010	Andover	2.089	ACRES	Excess Algal Growth	
					Turbidity	
Crystal Pond	MA92013	Peabody	8.173	ACRES	Chlorophyll-a	
					Excess Algal Growth	
					Phosphorus (Total)	
					Secchi disk transparency	
Devils Dishfull Pond	MA92015	Peabody	14.328	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					Chlorophyll-a	
					Oxygen, Dissolved	
					Phosphorus (Total)	
					Turbidity	
Frye Pond	MA92023	Andover	7.287	ACRES	Excess Algal Growth	
Howlett Brook	MA92-17	Headwaters north of Great Hill, Topsfield to confluence with Ipswich River, Topsfield.	2.796	MILES	Fecal Coliform	
					Fishes Bioassessments	
Ipswich River	MA92-02	Ipswich Dam (formerly known as Sylvania Dam), Ipswich to mouth at Ipswich Bay, Ipswich.	0.411	SQUARE MILES	Fecal Coliform	
Ipswich River	MA92-06	Source at confluence of Maple Meadow Brook and Lubbers Brook, Wilmington, to Salem Beverly Waterway Canal, Topsfield.	20.415	MILES	(Low flow alterations*)	
					Mercury in Fish Tissue	
					Oxygen, Dissolved	
Ipswich River	MA92-15	Salem Beverly Waterway Canal, Topsfield to Ipswich Dam (formerly known as Sylvania Dam), Ipswich.	10.977	MILES	(Low flow alterations*)	
					Fishes Bioassessments	
					Mercury in Fish Tissue	
					Oxygen, Dissolved	
Kimball Brook	MA92-21	Headwaters, west of Scott Hill, Ipswich to confluence with Ipswich River, Ipswich.	2.241	MILES	Fecal Coliform	
					Oxygen, Dissolved	

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Labor In Vain Creek	MA92-22	South of Argilla Road, Ipswich to confluence with Ipswich River Estuary, Ipswich.	0.03	SQUARE MILES	Fecal Coliform	
					Oxygen, Dissolved	
Lowe Pond	MA92034	Boxford	35.761	ACRES	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	
Martins Brook	MA92-08	Outlet of Martins Pond, North Reading to the confluence with the Ipswich River, North Reading.	4.561	MILES	Aquatic Macroinvertebrate Bioassessments	
					Fecal Coliform	
					Fishes Bioassessments	
					Oxygen, Dissolved	
Martins Pond	MA92038	North Reading	89.012	ACRES	(Non-Native Aquatic Plants*)	
					Excess Algal Growth	
					Mercury in Fish Tissue	33880
					Turbidity	
Miles River	MA92-03	Outlet Longham Reservoir, Beverly to confluence with Ipswich River, Ipswich.	8.892	MILES	Aquatic Macroinvertebrate Bioassessments	
					Fecal Coliform	
					Oxygen, Dissolved	
Norris Brook	MA92-11	Outlet of Elginwood Pond, Peabody to confluence with Ipswich River, Danvers (Danvers/Middleton town line).	1.541	MILES	Oxygen, Dissolved	
					Total Suspended Solids (TSS)	
					Turbidity	
Pleasant Pond	MA92049	(Idlewood Lake) Wenham/Hamilton	26.551	ACRES	Mercury in Fish Tissue	
Salem Pond	MA92057	North Andover/Andover	14.681	ACRES	Turbidity	
Silver Lake	MA92059	Wilmington	29.874	ACRES	DDT	
					Mercury in Fish Tissue	33880
Unnamed Tributary	MA92-12	Outlet of Middleton Pond, Middleton to confluence with Ipswich River, Middleton.	1.387	MILES	Fecal Coliform	
Unnamed Tributary	MA92-23	Headwaters, east of Jeffreys Neck Road, north of Newmarch Street to confluence with Ipswich River Estuary, Ipswich. (locally known as Greenwood Creek)	0.03	SQUARE MILES	Fecal Coliform	
Unnamed Tributary	MA92-26	Unnamed intermittent tributary to Martins Brook, from source in wetland west of the Route 93/Route 125 intersection, Wilmington to confluence with Martins Brook, Wilmington.	1.3	MILES	Chloride	
Wenham Lake	MA92073	Beverly/Wenham	242.571	ACRES	DDT	
					Mercury in Fish Tissue	33880
Wills Brook	MA92-10	Headwater, (just north of Lowell Street) Lynnfield to confluence with Ipswich River, Lynnfield.	1.701	MILES	Fecal Coliform	
					Oxygen, Dissolved	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Islands						
Chilmark Pond	MA97-05	South of South Road including Wades Cove and Gilberts Cove, Chilmark, Martha's Vineyard.	0.313379	SQUARE MILES	Fecal Coliform	
Cuttyhunk Pond	MA97-21	Waters west of the channel connecting Cuttyhunk Pond to Cuttyhunk Harbor, Gosnold, Elizabeth Islands. (Changed from MA95-26 to MA97-21 on 10/7/97)	0.154	SQUARE MILES	Fecal Coliform	
Edgartown Great Pond	MA97-17	excluding Jacobs Pond (PALIS# 97038) Edgartown, Martha's Vineyard.	1.355	SQUARE MILES	Fecal Coliform	
Edgartown Harbor	MA97-15	Waters west of Cape Poge Gut bounded by an imaginary line drawn from Chappaquiddick Point to Dock Street and northeasterly from the end of Plantingfield Way to Cape Poge Elbow (excluding Eel Pond), Edgartown, Martha's Vineyard.	3.086	SQUARE MILES	Fecal Coliform	
Hither Creek	MA97-28	From the outlet of Madaket Ditch to Madaket Harbor at an imaginary line drawn easterly from Jackson Point to Little Neck, Nantucket	0.067	SQUARE MILES	Nitrogen (Total)	
					Oxygen, Dissolved	
Katama Bay	MA97-16	Waters south of an imaginary line from Chappaquiddick Point to Dock Street excluding Caleb Pond and Mattakeset Bay, Edgartown, Martha's Vineyard.	2.044	SQUARE MILES	Fecal Coliform	
Lagoon Pond	MA97-11	From Head of the Pond Road to confluence with Vineyard Haven Harbor at Beach Road, Tisbury/Oak Bluffs, Martha's Vineyard.	0.819	SQUARE MILES	Estuarine Bioassessments	
					Fecal Coliform	
Lake Tashmoo	MA97-12	Waters including Drew Cove and Rhoda Pond to confluence with Vineyard Sound at channel south of Herring Creek Road, Tisbury, Martha's Vineyard.	0.414	SQUARE MILES	Estuarine Bioassessments	
Long Pond	MA97-29	South of Madaket Road, including White Goose Cove, Nantucket	0.121	SQUARE MILES	Dissolved oxygen saturation	
					Fecal Coliform	
					Nitrogen (Total)	
					Oxygen, Dissolved	
					Secchi disk transparency	
Madaket Harbor	MA97-27	Waters encompassed within imaginary lines from Eel Point to the northern tip of Esther Island, from the southern tip of Esther Island southeasterly to the opposite shore and from Jackson Point easterly to Little Neck, Nantucket	1.437	SQUARE MILES	Fecal Coliform	
Nantucket Harbor	MA97-01	Waters south and east of an imaginary line drawn from Jetties Beach to Coatue Point (excluding Polpis Harbor and Coskata Pond), Nantucket.	7.16	SQUARE MILES	Fecal Coliform	
					Nutrient/Eutrophication Biological Indicators	36011
Oak Bluffs Harbor	MA97-07	North of Lake Avenue to confluence with Nantucket Sound, Oak Bluffs, Martha's Vineyard.	0.047	SQUARE MILES	Fecal Coliform	

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Polpis Harbor	MA97-26	Polpis Harbor and all adjacent coves, to an imaginary line drawn from Quaise Point to the opposite shore, Nantucket.	0.302	SQUARE MILES	Estuarine Bioassessments	36012
					Fecal Coliform	
Sesachacha Pond	MA97-02	South of Quidnet Road and north of Polpis Road, Nantucket.	0.423	SQUARE MILES	Fecal Coliform	
Seths Pond	MA97085	West Tisbury	10.82	ACRES	Excess Algal Growth	
					Secchi disk transparency	
Tisbury Great Pond	MA97-18	Including Town Cove, Muddy Cove, Pear Tree Cove, Short Cove, Tiah Cove, Tississa Pond, Deep Bottom Cove, and Thumb Cove, Chilmark/West Tisbury, Martha's Vineyard.	1.103	SQUARE MILES	Fecal Coliform	
Vineyard Haven Harbor	MA97-09	The waters south and west of an imaginary line drawn from the tip of West Chop, Tisbury and the tip of East Chop, Oak Bluffs to the confluence of Lagoon Pond at Beach Road, Tisbury/Oak Bluffs, Martha's Vineyard.	1.545	SQUARE MILES	Fecal Coliform	
Westend Pond	MA97-20	Cuttyhunk Island, Gosnold, Elizabeth Islands.	0.058	SQUARE MILES	Fecal Coliform	
Kinderhook						
Kinderhook Creek	MA12-01	Headwaters, northwest of Sheeps Heaven Mountain and east of Route 43, Hancock to New York/Massachusetts border, Hancock.	5.495	MILES	Aquatic Macroinvertebrate Bioassessments	
Merrimack						
Back River	MA84A-16	New Hampshire state line, Amesbury to inlet Clarks Pond, Amesbury.	2.7	MILES	Escherichia coli	
					Sedimentation/Siltation	
					Turbidity	
Bare Meadow Brook	MA84A-18	Headwaters, Methuen to confluence with Merrimack River, Methuen.	3	MILES	Escherichia coli	
					Sedimentation/Siltation	
					Turbidity	
Bartlett Brook	MA84A-36	New Hampshire state line, Dracut to inlet Mill Pond, Methuen.	3.7	MILES	Escherichia coli	
Beaver Brook	MA84A-11	New Hampshire state line, Dracut to confluence with Merrimack River, Lowell.	4.8	MILES	(Debris/Floatables/Trash*)	
					(Physical substrate habitat alterations*)	
					Aquatic Macroinvertebrate Bioassessments	
					Escherichia coli	
					Taste and Odor	
					Turbidity	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Beaver Brook	MA84B-02	Outlet Mill Pond, Littleton to inlet Forge Pond, Westford.	4.9	MILES	Fecal Coliform	
					Oxygen, Dissolved	
					pH, Low	
					Total Suspended Solids (TSS)	
Bennetts Brook	MA84B-06	Headwaters, north of Route 2, Harvard to the inlet of Spectacle Pond, Ayer/Littleton.	4.3	MILES	Escherichia coli	
Black Brook	MA84A-17	Headwaters, Chelmsford to confluence with Merrimack River, Lowell.	2.3	MILES	(Debris/Floatables/Trash*)	
					(Physical substrate habitat alterations*)	
					Aquatic Macroinvertebrate Bioassessments	
					Escherichia coli	
					Fishes Bioassessments	
					Sedimentation/Siltation	
					Turbidity	
Chadwicks Pond	MA84006	Haverhill/Boxford	173	ACRES	Mercury in Fish Tissue	
Creek Brook	MA84A-37	Headwaters, outlet Crystal Lake, Haverhill to confluence with Merrimack River, Haverhill.	2.3	MILES	Escherichia coli	
Crystal Lake	MA84010	Haverhill	161	ACRES	Mercury in Fish Tissue	
Deep Brook	MA84A-21	Headwaters east of Everett Turnpike, Tyngsborough to confluence with Merrimack River, Chelmsford.	2.9	MILES	(Habitat Assessment (Streams)*)	
					Aquatic Macroinvertebrate Bioassessments	
					Escherichia coli	
					Fishes Bioassessments	
					Sedimentation/Siltation	
East Meadow River	MA84A-39	Headwaters, outlet Neal Pond, Haverhill to inlet Millvale Reservoir, Haverhill.	3	MILES	Escherichia coli	
Fish Brook	MA84A-40	Headwaters, east of Greenwood Road, Andover to confluence with Merrimack River at Fish Brook Dam, Andover.	4.1	MILES	Chloride	
					Escherichia coli	
Flint Pond	MA84012	Tyngsborough	72	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Mercury in Fish Tissue	33880
Forest Lake	MA84014	Methuen	48	ACRES	Aquatic Plants (Macrophytes)	
					Mercury in Fish Tissue	
Haggetts Pond	MA84022	Andover	211	ACRES	Mercury in Fish Tissue	
Hoveys Pond	MA84025	Boxford	36	ACRES	Mercury in Fish Tissue	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Johnson Creek	MA84A-15	Headwaters, Groveland (excluding intermittent portion) to confluence with Merrimack River, Groveland/Haverhill.	1.1	MILES	Escherichia coli	
Johnsons Pond	MA84027	Groveland/Boxford	194	ACRES	Mercury in Fish Tissue	
					Oxygen, Dissolved	
Kenoza Lake	MA84028	Haverhill	240	ACRES	Mercury in Fish Tissue	
Lake Attitash	MA84002	Amesbury/Merrimac	369	ACRES	Mercury in Fish Tissue	
Lake Cochichewick	MA84008	North Andover	575	ACRES	Mercury in Fish Tissue	
Lake Pentucket	MA84051	Haverhill	38	ACRES	Mercury in Fish Tissue	
Lake Saltonstall	MA84059	Haverhill	44	ACRES	Mercury in Fish Tissue	
Little River	MA84A-09	New Hampshire state line, Haverhill to confluence with Merrimack River, Haverhill.	4.6	MILES	(Debris/Floatables/Trash*)	
					(Habitat Assessment (Streams)*)	
					Escherichia coli	
Long Pond	MA84032	Dracut/Tyngsborough (size indicates portion in Massachusetts)	137	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Mercury in Fish Tissue	33880
Lowell Canals	MA84A-29	Canal system near Pawtucket Falls, Lowell.	4.9	MILES	DDT	
					Lead	
					Mercury in Fish Tissue	
					PCB in Fish Tissue	
Massapoag Pond	MA84087	Dunstable/Groton/Tyngsborough	111	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Mercury in Fish Tissue	33880
					Oxygen, Dissolved	
Merrimack River	MA84A-01	State line at Hudson, NH/Tyngsborough, MA to Pawtucket Dam, Lowell.	9	MILES	Fecal Coliform	
					Mercury in Fish Tissue	
Merrimack River	MA84A-02	Pawtucket Dam, Lowell to Lowell Regional Wastewater Utilities outfall at Duck Island, Lowell.	3.2	MILES	(Low flow alterations*)	
					Escherichia coli	
					Mercury in Fish Tissue	
					Phosphorus (Total)	
Merrimack River	MA84A-03	Lowell Regional Wastewater Utilities outfall at Duck Island, Lowell to Essex Dam, Lawrence.	8.8	MILES	Escherichia coli	
					Mercury in Fish Tissue	
					PCB in Fish Tissue	
					Phosphorus (Total)	

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Merrimack River	MA84A-04	Essex Dam, Lawrence to confluence with Little River, Haverhill.	10	MILES	Escherichia coli	
					PCB in Fish Tissue	
					Phosphorus (Total)	
Merrimack River	MA84A-05	Confluence Little River, Haverhill to confluence Indian River, West Newbury/Amesbury.	1.83	SQUARE MILES	Enterococcus	
					PCB in Fish Tissue	
Merrimack River	MA84A-06	Confluence Indian River, West Newbury/Amesbury to mouth at Atlantic Ocean, Newburyport/Salisbury (includes Back River, Salisbury).	4.46	SQUARE MILES	Enterococcus	
					Fecal Coliform	
					PCB in Fish Tissue	
Merrimack River	MA84A-26	The Basin in the Merrimack River Estuary, Newbury/Newburyport.	0.17	SQUARE MILES	Fecal Coliform	
Mill Pond	MA84038	[North Basin] Littleton	30	ACRES	Aquatic Plants (Macrophytes)	
Mill Pond	MA84081	[South Basin] Littleton	12	ACRES	Aquatic Plants (Macrophytes)	
Millvale Reservoir	MA84041	Haverhill	44	ACRES	Mercury in Fish Tissue	
Newfield Pond	MA84046	Chelmsford	77	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	33880
					Oxygen, Dissolved	
Peppermint Brook	MA84A-35	Headwaters, outlet of unnamed pond east of Route 38, Dracut to confluence with Beaver Brook, Dracut.	2.7	MILES	(Debris/Floatables/Trash*)	
					Escherichia coli	
Plum Island River	MA84A-27	From Chaces Island, Merimack River Estuary, to the "high sandy" sand bar just north of the confluence with Pine Island Creek, Newbury (formerly encompassed in MA84A-23).	0.13	SQUARE MILES	Fecal Coliform	
Powwow River	MA84A-08	Tidal portion, just downstream of Main Street, Amesbury to confluence with Merrimack River, Amesbury.	0.06	SQUARE MILES	Escherichia coli	
Powwow River	MA84A-25	Outlet of Lake Gardner, Amesbury to tidal portion, just downstream of Main Street, Amesbury.	0.6	MILES	Escherichia coli	
Powwow River	MA84A-28	Headwaters, outlet Tuxbury Pond, Amesbury to New Hampshire state line, Amesbury.	2.9	MILES	Fecal Coliform	
					Total Suspended Solids (TSS)	
					Turbidity	
Richardson Brook	MA84A-12	Headwaters, Dracut (excluding intermittent portion) to confluence with Merrimack River, Dracut.	1.9	MILES	Escherichia coli	
Spectacle Pond	MA84089	Littleton/Ayer	79	ACRES	(Non-Native Aquatic Plants*)	
					Oxygen, Dissolved	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Spicket River	MA84A-10	New Hampshire state line, Methuen to confluence with Merrimack River, Lawrence.	5.8	MILES	(Debris/Floatables/Trash*)	
					(Physical substrate habitat alterations*)	
					Aquatic Macroinvertebrate Bioassessments	
					Copper	
					Escherichia coli	
					Mercury in Water Column	
					Other	
Stevens Pond	MA84064	North Andover	23	ACRES	Mercury in Fish Tissue	
Stony Brook	MA84B-03	Outlet Forge Pond, Westford to Brookside Road, Westford.	6.5	MILES	Aquatic Macroinvertebrate Bioassessments	
					Fecal Coliform	
					Turbidity	
Stony Brook	MA84B-04	Brookside Road, Westford to confluence with Merrimack River, Chelmsford.	3.4	MILES	Aquatic Macroinvertebrate Bioassessments	
					Escherichia coli	
Tadmuck Brook	MA84B-07	Headwaters south of Main Street, Westford to confluence with Stony Brook, Westford.	1.4	MILES	Escherichia coli	
Trout Brook	MA84A-13	Headwaters, Dracut to confluence with Richardson Brook, Dracut.	2.6	MILES	Escherichia coli	
Trull Brook	MA84A-14	Source, Tewksbury (excluding intermittent portion) to confluence with Merrimack River, Tewksbury.	2.1	MILES	Escherichia coli	
Unnamed Tributary	MA84A-30	Unnamed tributary to Powwow River locally considered portion of Back River from outlet of Clarks Pond, Amesbury to confluence with Powwow River, Amesbury (formerly portion of segment MA84A-16).	0.003	SQUARE MILES	Escherichia coli	
Unnamed Tributary	MA84B-01	(Locally known as Reedy Meadow Brook) Headwaters, outlet of small unnamed impoundment upstream of Bruce Street, Littleton to inlet Mill Pond, Littleton.	1.5	MILES	Fecal Coliform	
Ward Pond	MA84096	PALIS id changed from 35094 to 84096 on October 10, 1997. (WBID from MA35094 to MA84096) Ashburnham	54	ACRES	Oxygen, Dissolved	
Millers						
Beaver Brook	MA35-09	Fernald School discharge, Templeton to confluence with Millers River, Royalston.	3.426302	MILES	Fecal Coliform	
					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	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
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	
Gales Pond	MA35024	Warwick	11.732	ACRES	Mercury in Fish Tissue	33880
					Turbidity	
Keyup Brook	MA35-16	Headwaters Great Swamp Northfield State Forest, Northfield, to confluence with Millers River, Erving.	4.968	MILES	PCB in Fish Tissue	
Lake Monomonac	MA35047	Massachusetts portion only. Winchendon/Rindge,N.H.	185.507	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	4133
					Mercury in Fish Tissue	
Lake Rohunta	MA35070	(Middle Basin) Athol/Orange/New Salem	208.954	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Mercury in Fish Tissue	33880
Lake Rohunta	MA35107	(South Basin) New Salem	41.63	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Mercury in Fish Tissue	33880
Laurel Lake	MA35035	Erving/Warwick	44.426	ACRES	Oxygen, Dissolved	
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	
Lyons Brook	MA35-19	Outlet of Ruggles Pond, Wendell to confluence with Millers River, Montague/Wendell	2.119	MILES	PCB in Fish Tissue	
Millers River	MA35-01	Outlet of Whitney Pond, Winchendon to Winchendon WWTP, Winchendon.	3.303	MILES	Ambient Bioassays -- Chronic Aquatic Toxicity	
					Fecal Coliform	
					PCB in Fish Tissue	
					Phosphorus (Total)	
Millers River	MA35-02	Winchendon WWTP, Winchendon to confluence with Otter River, Winchendon.	5.609	MILES	PCB in Fish Tissue	
Millers River	MA35-03	Confluence with Otter River, Winchendon to South Royalston USGS Gage, Royalston.	3.516031	MILES	PCB in Fish Tissue	
					Phosphorus (Total)	
Millers River	MA35-04	South Royalston USGS Gage, Royalston to Erving Center WWTP (formerly known as Erving Paper Company), Erving.	18.462	MILES	Fecal Coliform	
					PCB in Fish Tissue	
					Phosphorus (Total)	
Millers River	MA35-05	Erving Center WWTP (formerly known as Erving Paper Company), Erving to confluence with Connecticut River, Erving.	9.21	MILES	PCB in Fish Tissue	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
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	
North Branch Millers River	MA35-21	Outlet of Lake Mononomac, Winchendon to inlet of Whitney Pond, Winchendon	2.006	MILES	Mercury in Fish Tissue	
Otter River	MA35-07	Gardner WWTP, Gardner/Templeton to Seaman Paper Dam, Templeton.	4.379	MILES	Aquatic Macroinvertebrate Bioassessments	
					Fishes Bioassessments	
					Nutrient/Eutrophication Biological Indicators	
					Turbidity	
Otter River	MA35-08	Seaman Paper Dam, Templeton to confluence with Millers River, Winchendon.	5.548	MILES	(Total Dissolved Solids*)	
					Aquatic Macroinvertebrate Bioassessments	
					Fecal Coliform	
					Fishes Bioassessments	
					Nutrient/Eutrophication Biological Indicators	
					PCB in Fish Tissue	
					Taste and Odor	
					Turbidity	
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	
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	
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	
Whites Mill Pond	MA35099	Winchendon	42.426	ACRES	Aquatic Plants (Macrophytes)	4144
					Mercury in Fish Tissue	
Whitney Pond	MA35101	Winchendon	96.839	ACRES	Aquatic Plants (Macrophytes)	4145
					Mercury in Fish Tissue	
					Turbidity	4145
Mount Hope Bay						
Cole River	MA61-04	Route 6, Swansea to the mouth at Mount Hope Bay at old railway grade, Swansea	0.31	SQUARE MILES	Chlorophyll-a	
					Fecal Coliform	38907
					Nitrogen (Total)	
					Oxygen, Dissolved	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
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	
Lee River	MA61-02	Route 6, Swansea/Somerset to mouth at Mount Hope Bay, Swansea/Somerset	0.51	SQUARE MILES	(Debris/Floatables/Trash*)	
					Chlorophyll-a	
					Fecal Coliform	38906
					Nitrogen (Total)	
					Oxygen, Dissolved	
					Taste and Odor	
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 Braton Point Somerset to MA/RI border approximately 3/4 of a mile due east of Spar Island, RI	2.29	SQUARE MILES	Chlorophyll-a	
					Fecal Coliform	38908
					Fishes Bioassessments	
					Nitrogen (Total)	
					Temperature, water	
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	
					Nitrogen (Total)	
					Oxygen, Dissolved	
					Temperature, water	
Mystic						
Aberjona River	MA71-01	Source just south of Birch Meadow Drive, Reading to inlet Upper Mystic Lake at Mystic Valley Parkway, Winchester (portion culverted underground). (through former pond segments Judkins Pond MA71021 and Mill Pond MA71031).	9.1	MILES	(Physical substrate habitat alterations*)	
					Ammonia (Un-ionized)	
					Aquatic Macroinvertebrate Bioassessments	
					Arsenic	
					Escherichia coli	
					Oxygen, Dissolved	
					Phosphorus (Total)	
					Sediment Bioassays -- Chronic Toxicity Freshwater	
					Turbidity	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Alewife Brook	MA71-04	Outlet of Little Pond, Belmont to confluence with Mystic River, Arlington/Somerville (portion in Belmont and Cambridge identified as Little River with name changing to Alewife Brook at Arlington corporate boundary).	2.3	MILES	(Debris/Floatables/Trash*)	
					Copper	
					Escherichia coli	
					Foam/Flocs/Scum/Oil Slicks	
					Lead	
					Oxygen, Dissolved	
					PCB in Fish Tissue	
					Phosphorus (Total)	
					Secchi disk transparency	
					Sediment Bioassays -- Chronic Toxicity Freshwater	
					Taste and Odor	
Belle Isle Inlet	MA71-14	From tidegate at Bennington Street, Boston/Revere to confluence with Winthrop Bay, Boston/Winthrop.	0.12	SQUARE MILES	Fecal Coliform	
					Other	
					PCB in Fish Tissue	
Blacks Nook	MA71005	Cambridge	2	ACRES	(Non-Native Aquatic Plants*)	
					Nutrient/Eutrophication Biological Indicators	
					Secchi disk transparency	
Chelsea River	MA71-06	From confluence with Mill Creek, Chelsea/Revere to confluence with Boston Inner Harbor, Chelsea/East Boston/Charlestown.	0.38	SQUARE MILES	(Debris/Floatables/Trash*)	
					Ammonia (Un-ionized)	
					Fecal Coliform	
					Other	
					Oxygen, Dissolved	
					PCB in Fish Tissue	
					Petroleum Hydrocarbons	
					Sediment Screening Value (Exceedence)	
					Taste and Odor	
					Turbidity	
Clay Pit Pond	MA71011	Belmont	12	ACRES	Chlordane	
Ell Pond	MA71014	Melrose	23	ACRES	Chlorophyll-a	
					Fecal Coliform	
					Phosphorus (Total)	
					Secchi disk transparency	
					Total Suspended Solids (TSS)	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Horn Pond	MA71019	Woburn	108	ACRES	(Non-Native Aquatic Plants*)	
					Excess Algal Growth	
					Oxygen, Dissolved	
					Phosphorus (Total)	
Lower Mystic Lake	MA71027	Arlington/Medford	93	ACRES	DDT	
					Oxygen, Dissolved	
					PCB in Fish Tissue	
					Salinity	
					Sediment Bioassays -- Chronic Toxicity Freshwater	
					Sulfide-Hydrogen Sulfide	
Malden River	MA71-05	Headwaters south of Exchange Street, Malden to confluence with Mystic River, Everett/Medford.	2.3	MILES	(Debris/Floatables/Trash*)	
					Chlordane	
					DDT	
					Dissolved oxygen saturation	
					Escherichia coli	
					Fecal Coliform	
					Foam/Flocs/Scum/Oil Slicks	
					Oxygen, Dissolved	
					PCB in Fish Tissue	
					pH, High	
					Phosphorus (Total)	
					Secchi disk transparency	
					Sediment Bioassays -- Chronic Toxicity Freshwater	
					Taste and Odor	
					Total Suspended Solids (TSS)	
Mill Brook	MA71-07	Headwaters south of Massachusetts Avenue, Lexington to inlet of Lower Mystic Lake, Arlington (portions culverted underground).	3.9	MILES	(Physical substrate habitat alterations*)	
					Escherichia coli	
Mill Creek	MA71-08	From Route 1, Chelsea/Revere to confluence with Chelsea River, Chelsea/Revere.	0.02	SQUARE MILES	Fecal Coliform	
					Other	
					PCB in Fish Tissue	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Mystic River	MA71-02	Outlet Lower Mystic Lake, Arlington/Medford to Amelia Earhart Dam, Somerville/Everett.	4.9	MILES	(Fish-Passage Barrier*)	
					Arsenic	
					Chlordane	
					Chlorophyll-a	
					DDT	
					Dissolved oxygen saturation	
					Escherichia coli	
					PCB in Fish Tissue	
					Phosphorus (Total)	
					Secchi disk transparency	
					Sediment Bioassays -- Chronic Toxicity Freshwater	
Mystic River	MA71-03	Amelia Earhart Dam, Somerville/Everett to confluence with Boston Inner Harbor, Chelsea/Charlestown (Includes Island End River).	0.49	SQUARE MILES	Sediment Screening Value (Exceedence)	
					Ammonia (Un-ionized)	
					Fecal Coliform	
					Foam/Flocs/Scum/Oil Slicks	
					Other	
					Oxygen, Dissolved	
					PCB in Fish Tissue	
					Petroleum Hydrocarbons	
					Taste and Odor	
Spy Pond	MA71040	Arlington	98	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					Chlordane	
					DDT	
					Excess Algal Growth	
					Oxygen, Dissolved	
					Phosphorus (Total)	
Unnamed Tributary	MA71-13	Unnamed tributary locally known as 'Meetinghouse Brook', from emergence south of Route 16/east of Winthrop Street, Medford to confluence with the Mystic River, Medford. (brook not apparent on 1985 Boston North USGS quad - 2005 orthophotos used to delineate stream)	0.1	MILES	Escherichia coli	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Upper Mystic Lake	MA71043	Winchester/Arlington/Medford	176	ACRES	(Non-Native Aquatic Plants*)	
					Dissolved oxygen saturation	
					Oxygen, Dissolved	
Wedge Pond	MA71045	Winchester	23	ACRES	Oxygen, Dissolved	
					Phosphorus (Total)	
Winn Brook	MA71-09	Headwaters near Juniper Road and the Belmont Hill School, Belmont to confluence with Little Pond, Belmont (portions culverted underground).	1.4	MILES	(Physical substrate habitat alterations*)	
					Escherichia coli	
Winter Pond	MA71047	Winchester	18	ACRES	(Non-Native Aquatic Plants*)	
					Nutrient/Eutrophication Biological Indicators	
Narragansett Bay						
Palmer River	MA53-04	From confluence of East and West Branches of the Palmer River, Rehoboth to the Shad Factory Pond dam, Rehoboth	5.6	MILES	(Low flow alterations*)	
					Fecal Coliform	35086
					Nutrient/Eutrophication Biological Indicators	
Runnins River	MA53-01	Route 44, Seekonk to Mobile Dam, Seekonk, MA/East Providence, RI (through Burrs Pond formerly segment MA53001)	3.7	MILES	(Debris/Floatables/Trash*)	
					Aquatic Macroinvertebrate Bioassessments	
					Fecal Coliform	38903
					Mercury in Fish Tissue	33880
					Nutrient/Eutrophication Biological Indicators	
					Oil and Grease	
					Oxygen, Dissolved	
Nashua						
Asnebumskit Brook	MA81-56	From outlet Eagle Lake, Holden to the confluence with the Quinapoxet River, Holden.	2.9	MILES	Ambient Bioassays -- Chronic Aquatic Toxicity	
Bartlett Pond	MA81008	Lancaster	5	ACRES	Escherichia coli	
Fort Pond	MA81046	Lancaster	76	ACRES	Oxygen, Dissolved	
Gates Brook	MA81-24	Headwaters west of Prospect Street, West Boylston to inlet Wachusett Reservoir (Gates Cove), West Boylston.	3.4	MILES	Fecal Coliform	

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Grove Pond	MA81053	Ayer	67	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Arsenic	
					DEHP (Di-sec-octyl phthalate)	
					Mercury in Fish Tissue	
					Polycyclic Aromatic Hydrocarbons (PAHs) (Aquatic Ecosystems)	
					Sediment Bioassays -- Chronic Toxicity Freshwater	
James Brook	MA81-20	Headwaters, Groton to confluence with Nashua River, Ayer/Groton.	3.9	MILES	Escherichia coli	
Lake Shirley	MA81122	Lunenburg	360	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Excess Algal Growth	
					Mercury in Fish Tissue	42399
					Oxygen, Dissolved	
					Turbidity	
Malagasco Brook	MA81-29	Headwaters southwest of Apron Hill, Boylston through Pine Swamp to the inlet of Wachusett Reservoir (South Bay), Boylston.	2.4	MILES	Aquatic Macroinvertebrate Bioassessments	
					Nutrient/Eutrophication Biological Indicators	
Mirror Lake	MA81085	Harvard	28	ACRES	Mercury in Fish Tissue	
Monoosnuc Brook	MA81-13	Outlet of Simonds Pond, Leominster to confluence with North Nashua River, Leominster (through former pond segments Pierce Pond MA 81101 and Rockwell Pond MA81112).	6.1	MILES	Escherichia coli	
Muddy Brook	MA81-28	Headwaters west of Shrewsbury Street, West Boylston to inlet of Wachusett Reservoir (South Bay), West Boylston.	0.8	MILES	Aquatic Macroinvertebrate Bioassessments	
Mulpus Brook	MA81-37	From the outlet of Hickory Hills Lake, Lunenburg to the confluence with the Nashua River, Shirley (formerly part of segment MA81-22).	6.3	MILES	Lack of a coldwater assemblage	
Nashua River	MA81-05	Confluence with North Nashua River, Lancaster to confluence with Squannacook River, Shirley/Groton/Ayer.	14.2	MILES	Aquatic Macroinvertebrate Bioassessments	
					Escherichia coli	
					Phosphorus (Total)	
					Sediment Bioassays -- Acute Toxicity Freshwater	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Nashua River	MA81-06	Confluence with Squannacook River, Shirley/Groton/Ayer to Pepperell Dam, Pepperell. (through Pepperell Pond formerly segment MA81167)	9.1	MILES	Aquatic Macroinvertebrate Bioassessments	
					Mercury in Fish Tissue	
					(Non-Native Aquatic Plants*)	
					Nutrient/Eutrophication Biological Indicators	
Nashua River	MA81-07	Pepperell Dam, Pepperell to New Hampshire state line, Pepperell/Dunstable.	3.7	MILES	Aquatic Macroinvertebrate Bioassessments	
					Phosphorus (Total)	
Nashua River	MA81-09	("South Branch" Nashua River) Clinton WWTP discharge, Clinton to confluence with North Nashua River, Lancaster.	1.8	MILES	Escherichia coli	
					Phosphorus (Total)	
Nissitissit River	MA81-21	New Hampshire state line, Pepperell to confluence with Nashua River, Pepperell.	4.6	MILES	Lack of a coldwater assemblage	
Nonacoicus Brook	MA81-17	Outlet Plow Shop Pond, Ayer to confluence with Nashua River, Ayer/Shirley.	1.4	MILES	Oxygen, Dissolved	
North Nashua River	MA81-01	Outlet Snows Millpond, Fitchburg to Fitchburg Paper Company Dam #1, Fitchburg.	1.7	MILES	Escherichia coli	
North Nashua River	MA81-02	Fitchburg Paper Company Dam #1, Fitchburg to Fitchburg East WWTP outfall, Leominster.	6.9	MILES	Ambient Bioassays -- Chronic Aquatic Toxicity	
					Aquatic Macroinvertebrate Bioassessments	
					Escherichia coli	
North Nashua River	MA81-03	Fitchburg East WWTP outfall, Leominster to Leominster WWTP outfall, Leominster.	1.6	MILES	Escherichia coli	
North Nashua River	MA81-04	Leominster WWTP outfall, Leominster to confluence with Nashua River, Lancaster.	10.4	MILES	Escherichia coli	
					Taste and Odor	
Partridge Pond	MA81098	Westminster	25	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Turbidity	
Plow Shop Pond	MA81103	Ayer	29	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Arsenic	
					Chromium (total)	
					Mercury in Fish Tissue	
					Polycyclic Aromatic Hydrocarbons (PAHs) (Aquatic Ecosystems)	
					Sediment Bioassays -- Chronic Toxicity Freshwater	

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Squannacook River	MA81-18	Confluence Mason and Willard brooks, Townsend to Hollingsworth and Vose Dam, Groton/Shirley. (through Harbor Pond formerly segment MA81054)	12.6	MILES	Escherichia coli	
					Lack of a coldwater assemblage	
					pH, Low	
					Temperature, water	
Still River	MA81-60	Headwaters, Lancaster to Route 117, Bolton (formerly the upper portion of MA81-15).	0.6	MILES	Escherichia coli	
Unnamed Tributary	MA81-35	AKA-"Lower Chaffin Brook" - Outlet Unionville Pond, Holden to confluence with Quinepoxet River, Holden.	0.5	MILES	Aquatic Macroinvertebrate Bioassessments	
					Oxygen, Dissolved	
Unnamed Tributary	MA81-61	Unnamed tributary to the North Nashua River, locally considered a portion of Wekepeke Brook, from the outlet of Bartlett Pond to the confluence with the North Nashua River, Lancaster.	0.3	MILES	Escherichia coli	
Neponset						
Beaver Brook	MA73-19	Headwaters near Moose Hill Street, Sharon through Sawmill Pond to confluence with Massapoag Brook, Sharon.	3.5	MILES	Aquatic Macroinvertebrate Bioassessments	
					Oxygen, Dissolved	
Beaver Meadow Brook	MA73-20	Outlet of Glenn Echo Pond, Stoughton, to the inlet of Bolivar Pond, Canton.	3.3	MILES	Oxygen, Dissolved	
Bolivar Pond	MA73005	Canton	20	ACRES	(Non-Native Aquatic Plants*)	
					Turbidity	
Cobbs Pond	MA73009	Walpole	14	ACRES	(Non-Native Aquatic Plants*)	
					Nutrient/Eutrophication Biological Indicators	
					Oxygen, Dissolved	
					Secchi disk transparency	
East Branch	MA73-05	East Branch Neponset River - Outlet of Forge Pond, Canton through East Branch Pond to confluence with Neponset River, Canton. (locally known as Canton River)	2.6	MILES	(Low flow alterations*)	
					Aquatic Macroinvertebrate Bioassessments	
					DDT	
					Escherichia coli	2592
					Fecal Coliform	2592
					Other	
					Oxygen, Dissolved	
					PCB in Fish Tissue	
					Temperature, water	
Forge Pond	MA73020	Canton	19	ACRES	Turbidity	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Ganawatte Farm Pond	MA73037	Walpole/Sharon/Foxborough	29	ACRES	Aquatic Plants (Macrophytes)	
					Oxygen, Dissolved	
					Secchi disk transparency	
Germany Brook	MA73-15	Headwaters, east of Winter Street, Norwood to inlet of Ellis Pond, Norwood.	2	MILES	(Debris/Floatables/Trash*)	
					Color	
					Escherichia coli	2592
					Fecal Coliform	2592
					pH, High	
					Phosphorus (Total)	
Gulliver Creek	MA73-30	From confluence Unquity Brook, Milton to confluence Neponset River, Milton. (Note: Unquity Brook culverted, confluence not visible on quad)	0.02	SQUARE MILES	Other	
					PCB in Fish Tissue	
					Fecal Coliform	2592
Hawes Brook	MA73-16	Outlet of Ellis Pond, Norwood to confluence with Neponset River, Norwood.	1.1	MILES	(Debris/Floatables/Trash*)	
					Escherichia coli	2592
					Fecal Coliform	2592
					Taste and Odor	
Massapoag Brook	MA73-21	Outlet Hammer Shop Pond, Sharon, through Manns Pond (formerly segment MA73028), Trowel Shop Pond, and Shephard Pond to the inlet of Forge Pond, Canton.	4.2	MILES	(Non-Native Aquatic Plants*)	
					Aquatic Macroinvertebrate Bioassessments	
					Phosphorus (Total)	
					Turbidity	
Memorial Pond	MA73012	Walpole	8	ACRES	Aquatic Plants (Macrophytes)	
					Turbidity	
Mill Brook	MA73-08	From headwaters (perennial portion) north of Hartford Street, Medfield to inlet of Jewells Pond, Medfield.	2.3	MILES	(Low flow alterations*)	
					Aquatic Macroinvertebrate Bioassessments	
					Oxygen, Dissolved	
Mine Brook	MA73-09	Outlet of Jewells Pond, Medfield, to the inlet of Turner Pond, Walpole.	3	MILES	Fecal Coliform	2592
					Oxygen, Dissolved	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Mother Brook	MA73-28	Headwaters at the Charles River Diversion control structure, Dedham to confluence with Neponset River, Boston. [Reported as MA72-13 until May 3, 2000]	3.7	MILES	(Low flow alterations*)	
					Color	
					DDT	
					Escherichia coli	2592
					Fecal Coliform	2592
					Mercury in Fish Tissue	
					Oxygen, Dissolved	
					PCB in Fish Tissue	
					Phosphorus (Total)	
					Taste and Odor	
Neponset Reservoir	MA73034	Foxborough	312	ACRES	(Non-Native Aquatic Plants*)	
					Excess Algal Growth	
					Turbidity	
Neponset River	MA73-01	Outlet of Neponset Reservoir, Foxborough to confluence with East Branch, Canton. (through former pond segments Crackrock Pond MA73010 and Bird Pond MA73002)	13.2	MILES	DDT	
					Escherichia coli	
					Excess Algal Growth	
					Other	
					Oxygen, Dissolved	
					PCB in Fish Tissue	
					Phosphorus (Total)	
					Sedimentation/Siltation	
					Total Suspended Solids (TSS)	
					Turbidity	
Neponset River	MA73-02	Confluence with East Branch, Canton to confluence with Mother Brook, Boston.	7.7	MILES	(Debris/Floatables/Trash*)	
					DDT	
					Escherichia coli	2592
					Fecal Coliform	2592
					Foam/Flocs/Scum/Oil Slicks	
					Other	
					Oxygen, Dissolved	
					PCB in Fish Tissue	
					Turbidity	

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Neponset River	MA73-03	Confluence with Mother Brook, Boston to Milton Lower Falls Dam, Milton/Boston.	3.6	MILES	(Debris/Floatables/Trash*)	
					DDT	
					Enterococcus	2592
					Escherichia coli	2592
					Fecal Coliform	2592
					Foam/Flocs/Scum/Oil Slicks	
					Other	
					Oxygen, Dissolved	
					PCB in Fish Tissue	
					Polychlorinated biphenyls	
Neponset River	MA73-04	Milton Lower Falls Dam, Milton/Boston to mouth at Dorchester Bay, Boston/Quincy.	0.67	SQUARE MILES	(Debris/Floatables/Trash*)	
					Enterococcus	2592
					Fecal Coliform	2592
					Other	
					Oxygen, Dissolved	
					PCB in Fish Tissue	
					Turbidity	
Pecunit Brook	MA73-25	Headwaters east of Carey Circle and west of Pecunit Street, Canton to the confluence with Neponset River, Canton.	1.8	MILES	Escherichia coli	
Pequid Brook	MA73-22	Headwaters east of York Street, Canton to the inlet of Forge Pond, Canton (excluding the approximately 1.3 miles through Reservoir Pond, segment MA73048).	2.8	MILES	Oxygen, Dissolved	
Pine Tree Brook	MA73-29	Outlet of Hillside Pond, Milton through Pope's Pond (formerly segment MA73044) to confluence Neponset River, Milton.	4.6	MILES	(Physical substrate habitat alterations*)	
					Aquatic Plants (Macrophytes)	
					Escherichia coli	2592
					Fecal Coliform	2592
					Oxygen, Dissolved	
					Turbidity	
Russell Pond	MA73003	Milton	9	ACRES	(Non-Native Aquatic Plants*)	
					Turbidity	
Turners Pond	MA73059	Milton	10	ACRES	Nutrient/Eutrophication Biological Indicators	
					Oxygen, Dissolved	
					Turbidity	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Unnamed Tributary	MA73-32	From the outlet of Town Pond, Stoughton to the confluence with Steep Hill Brook, Stoughton.	1	MILES	Aquatic Macroinvertebrate Bioassessments	
					Escherichia coli	
					pH, Low	
					Phosphorus (Total)	
Unnamed Tributary	MA73-33	Locally known as "Meadow Brook" - From where the underground/culverted stream emerges east of Pleasant Street, Norwood to confluence with Neponset River, Norwood.	0.6	MILES	Color	
					Escherichia coli	
					Phosphorus (Total)	
					Taste and Odor	
Unquity Brook	MA73-26	Isolated (urban): Headwaters (perennial portion) near Randolph Avenue, Milton to confluence with Gulliver Creek, Milton (Note: Confluence not visible on quad, brook culverted underground east of Otis Street/west of Govenor Belcher Lane, Milton)	1.5	MILES	(Debris/Floatables/Trash*)	
					(Low flow alterations*)	
					(Physical substrate habitat alterations*)	
					Escherichia coli	2592
					Fecal Coliform	2592
					Oxygen, Dissolved	
					pH, Low	
					Phosphorus (Total)	
					Sedimentation/Siltation	
North Coastal						
Alewife Brook	MA93-45	Headwaters, outlet Chebacco Lake, Essex to Landing Road, Essex.	1.404	MILES	Fecal Coliform	
Alewife Brook	MA93-46	Landing Road, Essex to confluence with Essex River, Essex.	0.01	SQUARE MILES	Fecal Coliform	
Annisquam River	MA93-12	The waters from the Gloucester Harbor side of the Route 127 bridge, Gloucester to Ipswich Bay at an imaginary line drawn from Bald Rocks to Wigwam Point, Gloucester.	0.82	SQUARE MILES	Fecal Coliform	
Bass River	MA93-07	Headwaters west of Wenham Lake, Beverly to the outlet of "Lower Shoe Pond" north of Route 62, Beverly.	2.107	MILES	(Fish-Passage Barrier*)	
					Turbidity	
Bass River	MA93-08	Outlet of "Lower Shoe Pond" north of Route 62, Beverly to confluence with Danvers River, Beverley.	0.121	SQUARE MILES	Fecal Coliform	
Beaver Brook	MA93-37	Headwaters west of Route 95, Danvers to inlet Mill Pond, Danvers.	2.687	MILES	Oxygen, Dissolved	
Beaverdam Brook	MA93-30	Headwaters west of Main Street, Lynnfield to confluence with Saugus River (Reedy Meadow), Lynnfield.	1.461	MILES	Fecal Coliform	
					Oxygen, Dissolved	
Bennetts Pond Brook	MA93-48	Headwaters east of Lynn Fells Parkway (in Bellevue Golf Course), Melrose to confluence with Saugus River, Saugus.	2.41	MILES	Fecal Coliform	

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Beverly Harbor	MA93-20	From the mouth of the Danvers River, Salem/Beverly to an imaginary line from Juniper Point, Salem to Hospital Point, Beverly.	1.02	SQUARE MILES	Fecal Coliform	
Cape Pond	MA93011	Rockport	42.45	ACRES	Turbidity	
Cat Brook	MA93-29	Headwaters east of Route 128, Manchester to confluence with Manchester Harbor (Route 127), Manchester.	1.679	MILES	Fecal Coliform	
					pH, Low	
Causeway Brook	MA93-47	Headwaters, outlet Dexter Pond, Manchester to confluence with Cat Brook, Manchester.	1.077	MILES	Fecal Coliform	
Crane Brook	MA93-02	Headwaters east of Route 95, Danvers to inlet Mill Pond, Danvers.	1.808	MILES	Fecal Coliform	
Crane River	MA93-41	Outlet pump house sluiceway, Purchase Street, Danvers to confluence with Danvers River, Danvers.	0.07	SQUARE MILES	Fecal Coliform	
Danvers River	MA93-09	Confluence of Porter, Crane and Waters rivers, Danvers to mouth at Beverly Harbor, Beverly/Salem.	0.53	SQUARE MILES	Fecal Coliform	
Essex Bay	MA93-16	The waters landward of Ipswich Bay contained within an imagiany line drawn from the northwestern tip of Gloucester near Coffins Beach to the southern tip of Castle Neck, Ipswich to the eastern most point of Dilly Island, Essex (mouth of Castle Neck River) and then from Cross Island, Essex to Conomo Point, Essex (mouth of Essex River) excluding Walker, Lanes, and Farm creeks.	0.97	SQUARE MILES	Fecal Coliform	
Essex River	MA93-11	Source east of Southern Avenue, Essex to mouth at Essex Bay, Essex.	0.501	SQUARE MILES	Fecal Coliform	
Flax Pond	MA93023	Lynn	55.449	ACRES	(Non-Native Aquatic Plants*)	
					Chlordane	
					DDT	
					Excess Algal Growth	
					Turbidity	
Floating Bridge Pond	MA93024	Lynn	11.905	ACRES	Excess Algal Growth	
					Phosphorus (Total)	
					Turbidity	
Forest River	MA93-10	Approximately 0.4 miles upstream of Loring Avenue, Salem to Salem Harbor, Salem.	0.026	SQUARE MILES	Dissolved oxygen saturation	
Foster Pond	MA93026	Swampscott	4.619	ACRES	DDT	
Frost Fish Brook	MA93-36	Cabot Road, Danvers to Porter River confluence at Route 62, Danvers.	1.028	MILES	Fecal Coliform	
Gloucester Harbor	MA93-18	The waters landward of an imaginary line drawn between Mussel Point and the tip of the Dog Bar Breakwater, Gloucester excluding the Annisquam River.	2.325	SQUARE MILES	Combined Biota/Habitat Bioassessments	
					Fecal Coliform	
					Oxygen, Dissolved	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Goldthwait Brook	MA93-05	Outlet Cedar Pond, Peabody to confluence with Proctor Brook, Peabody.	3.291	MILES	(Alteration in stream-side or littoral vegetative covers*)	
					(Debris/Floatables/Trash*)	
					(Low flow alterations*)	
					Fecal Coliform	
					Foam/Flocs/Scum/Oil Slicks	
					Oxygen, Dissolved	
					Phosphorus (Total)	
Hawkes Brook	MA93-32	Headwaters near the Lynn/Lynnfield border to the inlet of Hawkes Pond, Lynnfield.	2.608	MILES	Fecal Coliform	
Hawkes Brook	MA93-33	Outlet of Hawkes Pond, Saugus to confluence with Saugus River, Saugus.	1.087	MILES	Fecal Coliform	
Hawkes Pond	MA93032	Lynnfield/Saugus	65.172	ACRES	Turbidity	
Lake Quannapowitt	MA93060	Wakefield	246.002	ACRES	(Non-Native Aquatic Plants*)	
					DDT	
					Excess Algal Growth	
					Turbidity	
Lily Pond	MA93039	Gloucester	23.744	ACRES	Excess Algal Growth	
					Nutrient/Eutrophication Biological Indicators	
					Turbidity	
Lynn Harbor	MA93-52	The "inner" portion of Lynn Harbor; the waters landward of an imaginary line drawn from Black Rock Point, Nahant to the eastern edge of Point of Pines, Revere excluding the Saugus River (formerly part of segment 93-23).	1.623	SQUARE MILES	Fecal Coliform	
Lynn Harbor	MA93-53	The "outer" portion of Lynn Harbor; the waters landward of an imaginary line drawn from Baileys Hill, Nahant to the eastern point of Winthrop Highlands, Winthrop to the seaward edge of the "inner" portion of Lynn Harbor (at an imaginary line drawn from Black Rock Point, Nahant to the eastern edge of Point of Pines, Revere) (formerly part of segment 93-23).	6.557	SQUARE MILES	Fecal Coliform	
Manchester Harbor	MA93-19	The waters landward of an imaginary line drawn between Gales Point and Chubb Point, Manchester excluding Cat Brook.	0.333	SQUARE MILES	Fecal Coliform	
Marblehead Harbor	MA93-22	The waters landward of an imaginary line drawn northwesterly from the northern tip of Marblehead Neck to Fort Sewall, Marblehead.	0.561	SQUARE MILES	Fecal Coliform	

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Mill River	MA93-28	Headwaters, outlet Mill Pond, Gloucester to confluence with Annisquam River, Gloucester.	0.097	SQUARE MILES	Fecal Coliform	
Mill River	MA93-31	From headwaters in wetlands north of Salem Street, Wakefield to confluence with Saugus River, Wakefield.	1.993	MILES	Fecal Coliform	
					Oxygen, Dissolved	
					Total Suspended Solids (TSS)	
					Turbidity	
Nahant Bay	MA93-24	The waters landward of an imaginary line drawn between Galloupes Point, Swampscott and East Point, Nahant.	5.117	SQUARE MILES	Fecal Coliform	
North River	MA93-42	Downstream of Route 114 bridge (Proctor Brook becomes North River at this bridge), Salem to confluence with Danvers River, Salem (formerly part of MA93-06).	0.145	SQUARE MILES	Ammonia (Un-ionized)	
					Dissolved oxygen saturation	
					Fecal Coliform	
Pillings Pond	MA93056	Lynnfield	90.314	ACRES	Chlorophyll-a	
					Dissolved oxygen saturation	
					Excess Algal Growth	
					Oxygen, Dissolved	
					Phosphorus (Total)	
					Secchi disk transparency	
Pines River	MA93-15	Headwaters east of Route 1, Revere/Saugus to confluence with the Saugus River, Saugus/Revere.	0.577	SQUARE MILES	Fecal Coliform	
Porter River	MA93-04	Confluence with Frost Fish Brook at Route 62, Danvers to confluence with Danvers River, Danvers.	0.134	SQUARE MILES	Fecal Coliform	
Proctor Brook	MA93-39	Outlet of small pond in wetland north of Downing Road, Peabody to Grove/Goodhue Street bridge, Salem (formerly part of MA93-06).	2.948	MILES	(Debris/Floatables/Trash*)	
					Aquatic Macroinvertebrate Bioassessments	
					Fecal Coliform	
					Foam/Flocs/Scum/Oil Slicks	
					Nitrogen (Total)	
					Phosphorus (Total)	
					Sedimentation/Siltation	
					Taste and Odor	
Proctor Brook	MA93-40	Grove/Goodhue Street bridge, Salem to Route 114 culvert, Salem (formerly part of MA93-06).	0.005	SQUARE MILES	(Debris/Floatables/Trash*)	
					Fecal Coliform	
					Foam/Flocs/Scum/Oil Slicks	
					Taste and Odor	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Rockport Harbor	MA93-57	Waters landward of an imaginary line from Gully Point, Rockport to Granite Pier, Rockport (including Back Harbor and a portion of Sandy Bay) (includes area formerly reported as segment MA93-17)	0.35	SQUARE MILES	Fecal Coliform	
Salem Harbor	MA93-54	Waters landward of an imaginary line from Naugus Head, Marblehead to the northwest point of Bakers Island, Salem to Hospital Point, Beverly to Juniper Point, Salem (excluding Forest River) (formerly segment MA93-21 Salem Harbor and a portion of segment MA93-25 Salem Sound [waterbody code 93907])	4.91	SQUARE MILES	Estuarine Bioassessments	
					Fecal Coliform	
Salem Sound	MA93-55	Northern portion of Salem Sound, waters landward of and within imaginary lines from Chubb Point, Manchester to Gales Point, Manchester to the northwest point of Bakers Island, Salem to Hospital Point, Beverly (formerly reported as a portion of segment MA93-25)	3.46	SQUARE MILES	Fecal Coliform	
Salem Sound	MA93-56	Southern portion of Salem Sound, waters landward of and within imaginary lines from Fort Sewall, Marblehead to the Marblehead Lighthouse on Marblehead Neck, Marblehead to the northwest point of Bakers Island, Salem to Naugus Head, Marblehead (formerly reported as a portion of segment MA93-25)	2.55	SQUARE MILES	Fecal Coliform	
Saugus River	MA93-34	Headwaters, outlet of Lake Quannapowitt, Wakefield (thru Reedy Meadow) to Lynn Water & Sewer Commission diversion canal, Wakefield/Lynnfield (canal diverts to Hawks Pond) (formerly part of segment MA93-13).	3.083	MILES	(Fish-Passage Barrier*)	
					(Physical substrate habitat alterations*)	
					Aquatic Plants (Macrophytes)	
					Excess Algal Growth	
					Fecal Coliform	
					Nitrogen (Total)	
					Phosphorus (Total)	
					Turbidity	
Saugus River	MA93-35	From the Lynn Water & Sewer Commission diversion canal, Wakefield/Lynnfield to Saugus Iron Works, Bridge Street, Saugus (formerly part of segment MA93-13).	5.367	MILES	(Alteration in stream-side or littoral vegetative covers*)	
					(Low flow alterations*)	
					Fecal Coliform	
Saugus River	MA93-43	Saugus Iron Works, Bridge Street, Saugus to Lincoln Avenue/Boston Street, Saugus/Lynn (formerly part of segment 93-14).	0.038	SQUARE MILES	(Other flow regime alterations*)	
					Fecal Coliform	
					Oil and Grease	
					Temperature, water	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Saugus River	MA93-44	Lincoln Avenue/Boston Street, Saugus/Lynn to mouth (east of Route 1A) at Lynn Harbor, Lynn/Revere (formerly part of segment 93-14).	0.363	SQUARE MILES	(Other flow regime alterations*)	
					Fecal Coliform	
					Oil and Grease	
					Temperature, water	
Shute Brook	MA93-49	Approximately 350 feet downstream from Central Street, Saugus to the confluence with the Saugus River, Saugus.	0.007	SQUARE MILES	Fecal Coliform	
Shute Brook	MA93-50	From the confluence of Fiske Brook, Saugus to approximately 350 feet downstream from Central Street, Saugus.	0.892	MILES	Fecal Coliform	
Strangman Pond	MA93076	Gloucester	3.341	ACRES	Aquatic Plants (Macrophytes)	
					Excess Algal Growth	
					Turbidity	
Unnamed Tributary	MA93-51	Unnamed tributary locally known as "Town Line Brook", from Route 99, Malden to the confluence with the Pines River, Revere.	0.017	SQUARE MILES	(Alteration in stream-side or littoral vegetative covers*)	
					(Debris/Floatables/Trash*)	
					(Other flow regime alterations*)	
					(Physical substrate habitat alterations*)	
					Fecal Coliform	
					Taste and Odor	
Upper Banjo Pond	MA93080	Gloucester	10.531	ACRES	Aquatic Plants (Macrophytes)	
					Turbidity	
Waters River	MA93-01	Headwaters west of Route 128, Peabody/Danvers, to confluence with Danvers River, Danvers.	0.09	SQUARE MILES	Fecal Coliform	
West Pond	MA93089	Gloucester	7.142	ACRES	Chlorophyll-a	
					Excess Algal Growth	
					Phosphorus (Total)	
					Secchi disk transparency	
Parker						
Baldpate Pond	MA91001	Boxford	60	ACRES	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	
					Oxygen, Dissolved	
Eagle Hill River	MA91-06	Headwaters near Town Farm Road, Ipswich to the mouth at Plum Island Sound, Ipswich.	0.35	SQUARE MILES	Fecal Coliform	
Egypt River	MA91-14	East of Jewett Hill (Latitude 42:42:23.40, Longitude 70:51:47.58 DMS), Ipswich to confluence with Muddy Run and Rowley River, Rowley/Ipswich.	0.01	SQUARE MILES	Fecal Coliform	

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Little River	MA91-11	Scotland Road/Parker Street, Newbury/Newburyport to confluence with Parker River, Newbury.	0.09	SQUARE MILES	Fecal Coliform	
Mill River	MA91-08	Headwaters - Outlet of small unnamed pond between Route 95 and Rowley Road, Boxford to Route 1, Rowley/Newbury (through Upper Mill Pond formerly segment MA91015 and Lower Mill Pond formerly segment MA91008).	6.9	MILES	(Non-Native Aquatic Plants*)	
					Aquatic Macroinvertebrate Bioassessments	
					Aquatic Plants (Macrophytes)	
					Excess Algal Growth	
Mill River	MA91-09	Route 1, Rowley/Newbury to confluence with Parker River, Newbury.	0.09	SQUARE MILES	Fecal Coliform	
Paine Creek	MA91-03	Headwaters to confluence with Eagle Hill River, Ipswich.	0.06	SQUARE MILES	Fecal Coliform	
Parker River	MA91-02	Central Street, Newbury to mouth at Plum Island Sound, Newbury.	0.6	SQUARE MILES	Fecal Coliform	
Pentucket Pond	MA91010	Georgetown	92	ACRES	(Non-Native Aquatic Plants*)	
					Fecal Coliform	
					Mercury in Fish Tissue	
Plum Island River	MA91-15	From "high sandy" sandbar just north of the confluence with Pine Island Creek, Newbury to confluence with Plum Island Sound, Newbury.	0.39	SQUARE MILES	Fecal Coliform	
Plum Island Sound	MA91-12	From the mouth of both the Parker River and Plum Island River, Newbury to the Atlantic Ocean, Ipswich (Includes Ipswich Bay).	4.44	SQUARE MILES	Fecal Coliform	
Rock Pond	MA91012	Georgetown	49	ACRES	Mercury in Fish Tissue	
Rowley River	MA91-05	Confluence with Egypt River and Muddy Run, Rowley/Ipswich to mouth at Plum Island Sound, Rowley/Ipswich.	0.27	SQUARE MILES	Fecal Coliform	
Quinebaug						
Alum Pond	MA41001	Sturbridge	198	ACRES	Oxygen, Dissolved	
Cady Brook	MA41-05	Headwaters, outlet of Glen Echo Lake, Charlton to Charlton City WWTP outfall, Charlton.	1.5	MILES	(Low flow alterations*)	
					Ambient Bioassays -- Chronic Aquatic Toxicity	
					Fecal Coliform	
Cady Brook	MA41-06	Charlton City WWTP outfall, Charlton to confluence with Quinebaug River, Southbridge.	5.1	MILES	(Low flow alterations*)	
					Nutrient/Eutrophication Biological Indicators	
Cohasse Brook	MA41-12	From the outlet of Cohasse Brook Reservoir, Southbridge through Wells Pond (formerly pond segment MA41053) to the confluence with the Quinebaug River, Southbridge.	2.7	MILES	Aquatic Macroinvertebrate Bioassessments	
					Escherichia coli	
					Sedimentation/Siltation	
Glen Echo Lake	MA41017	Charlton	115	ACRES	Oxygen, Dissolved	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Hatchet Brook	MA41-14	From the outlet of No. 3 Reservoir, Southbridge to the confluence with the Quinebaug River, Southbridge.	1.3	MILES	Escherichia coli	
McKinstry Brook	MA41-13	Headwaters, east of Brookfield Road, Charlton (excluding intermittent portion) to the confluence with the Quinebaug River, Southbridge.	7.3	MILES	(Debris/Floatables/Trash*)	
					Escherichia coli	
Morse Pond	MA41033	Southbridge	41	ACRES	Aquatic Plants (Macrophytes)	
					Oxygen, Dissolved	
Pistol Pond	MA41057	Sturbridge	5	ACRES	Aquatic Plants (Macrophytes)	
					Oxygen, Dissolved	
					Secchi disk transparency	
Quinebaug River	MA41-01	Outlet Hamilton Reservoir, Holland, to Sturbridge WWTP outfall, Sturbridge (excluding Holland Pond segment MA41022 and East Brimfield Reservoir segment MA41014).	8.2	MILES	Ambient Bioassays -- Chronic Aquatic Toxicity	
					Fecal Coliform	
					Fishes Bioassessments	
					Lack of a coldwater assemblage	
					Mercury in Fish Tissue	
Quinebaug River	MA41-02	Sturbridge WWTP outfall, Sturbridge to confluence with Cady Brook, Southbridge.	6.5	MILES	(Debris/Floatables/Trash*)	
					Excess Algal Growth	
					Turbidity	
Quinebaug River	MA41-03	Southbridge WWTP outfall, Southbridge to dam just upstream of West Dudley Road, Dudley.	2.2	MILES	(Debris/Floatables/Trash*)	
					(Physical substrate habitat alterations*)	
					Fecal Coliform	
					Other	
					Oxygen, Dissolved	
					Taste and Odor	
Quinebaug River	MA41-04	From dam just upstream of West Dudley Road, Dudley to Connecticut state line, Dudley.	2.2	MILES	Fecal Coliform	
Quinebaug River	MA41-09	From confluence with Cady Brook, Southbridge to Southbridge WWTP outfall, Southbridge.	1.3	MILES	(Debris/Floatables/Trash*)	
					Ambient Bioassays -- Chronic Aquatic Toxicity	
					Aquatic Macroinvertebrate Bioassessments	
					Turbidity	
Sibley Pond	MA41047	North Basin, Charlton	22	ACRES	Aquatic Plants (Macrophytes)	
					Oxygen, Dissolved	
					Turbidity	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Sibley Pond	MA41048	South Basin, Charlton	19	ACRES	Aquatic Plants (Macrophytes)	
					Oxygen, Dissolved	
					Turbidity	
Unnamed Tributary	MA41-16	Unnamed tributary to Mill Brook, headwaters, outlet Sherman Pond, Brimfield to confluence with Mill Brook, Brimfield.	1.2	MILES	Aquatic Macroinvertebrate Bioassessments	
					Escherichia coli	
					Oxygen, Dissolved	
					Sedimentation/Siltation	
Shawsheen						
Ames Pond	MA83001	Tewksbury	76.47	ACRES	Mercury in Fish Tissue	
Ballardvale Impoundment	MA83011	Andover (Lowell Junction Pond)	35.292	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Mercury in Fish Tissue	
Butterfield Pond	MA83003	Burlington/Lexington	2.968	ACRES	Aquatic Plants (Macrophytes)	
					Turbidity	
Elm Brook	MA83-05	Headwaters, Lincoln to confluence with Shawsheen River, Bedford.	5.043986	MILES	(Physical substrate habitat alterations*)	
					Fecal Coliform	2587
					Turbidity	
Fosters Pond	MA83005	Andover/Wilmington	109.412	ACRES	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	
					Oxygen, Dissolved	
Hussey Pond	MA83009	Andover	1.383	ACRES	Excess Algal Growth	
Long Pond	MA83010	Tewksbury	42.483	ACRES	Chlorophyll-a	
					Excess Algal Growth	
					Oxygen, Dissolved	
					Phosphorus (Total)	
					Secchi disk transparency	
Pomps Pond	MA83014	Andover	24.635	ACRES	(Non-Native Aquatic Plants*)	
					Mercury in Fish Tissue	
Rabbit Pond	MA83015	Andover	1.857	ACRES	Turbidity	
Rogers Brook	MA83-04	From outlet of unnamed impoundment upstream of Morton Street, Andover (Prior to 1997 cycle listed as "Headwaters Billerica...") to confluence with Shawsheen River, Andover.	1.299	MILES	(Physical substrate habitat alterations*)	
					Fecal Coliform	2587
					Turbidity	

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Shawsheen River	MA83-01	Summer Street (historcally listed as Maguire Road) to confluence with Spring Brook, Bedford.	1.625	MILES	(Physical substrate habitat alterations*)	
					Fecal Coliform	2587
					Oxygen, Dissolved	
					Sedimentation/Siltation	
Shawsheen River	MA83-08	Headwater, north of Folly Pond and North Great Road, Lincoln to Summer Street, Bedford.	2.091	MILES	Fecal Coliform	2587
					Physical substrate habitat alterations	
Shawsheen River	MA83-17	Confluence with Spring Brook, Bedford to the Burlington Water Department's surface water intake, Billerica. (Formerly part of segment MA83-02, changed for 2004 cycle)	5.679	MILES	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	Fecal Coliform	2587
					Oxygen, Dissolved	
Unnamed Tributary	MA83-15	Unnamed tributary to Meadow Brook, also known as "Pinnacle Brook" - from small wetland east of Route 93, Andover, to confluence with Meadow Brook, Tewksbury (includes intermittent portion).	2.1	MILES	Chloride	
					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	
South Coastal						
Aaron River	MA94-28	Outlet Aaron River Reservoir, Cohasset to flow control structure near Beechwood Street, Cohasset.	1.004	MILES	(Fish-Passage Barrier*)	
					(Non-Native Aquatic Plants*)	
					Excess Algal Growth	
Billington Sea	MA94007	Plymouth	262.722	ACRES	Excess Algal Growth	
					Turbidity	
Bluefish River	MA94-30	Saltmarsh north of Harrison Street, Duxbury to mouth at Duxbury Bay, Duxbury.	0.065	SQUARE MILES	Fecal Coliform	
Bound Brook	MA94-18	Flow control structure near Beechwood Street, Cohasset to outlet Hunters Pond, Scituate.	2.227	MILES	(Fish-Passage Barrier*)	
					Turbidity	
Cohasset Cove	MA94-32	The waters south of a line drawn from the Bassing Beach jetty, Scituate westerly to the opposite shore, Cohasset excluding Baileys Creek and The Gulf.	0.087	SQUARE MILES	Fecal Coliform	

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Cohasset Harbor	MA94-01	The waters south of a line drawn from the northwestern point of Scituate Neck, Scituate to just north of Quarry Point, Cohasset not including Cohasset Cove, Cohasset/Scituate.	0.695	SQUARE MILES	Fecal Coliform	
Crossman Pond	MA94032	Kingston	12.706	ACRES	Aquatic Plants (Macrophytes)	
Drinkwater River	MA94-21	From Whiting Street, Hanover through Forge Pond to the inlet of Factory Pond, Hanover.	3.493	MILES	Excess Algal Growth	
					Fecal Coliform	
					Mercury in Fish Tissue	
					Oxygen, Dissolved	
					Phosphorus (Total)	
					Secchi disk transparency	
Duxbury Bay	MA94-15	The waters north and west of a line from Saquish Head to the tip of Plymouth Beach and from there to High Cliff, Plymouth excluding Back River and Bluefish River, Duxbury and Jones River, Kingston.	12.694	SQUARE MILES	Fecal Coliform	
Ellisville Harbor	MA94-34	Plymouth	0.012	SQUARE MILES	Fecal Coliform	
Factory Pond	MA94175	Hanson/Hanover	51.395	ACRES	Mercury in Fish Tissue	
Forge Pond	MA94037	Hanover	15.907	ACRES	(Debris/Floatables/Trash*)	
					(Non-Native Aquatic Plants*)	
					Chlorophyll-a	
					Dissolved oxygen saturation	
					Excess Algal Growth	
					Fecal Coliform	
					Phosphorus (Total)	
					Secchi disk transparency	
Foundry Pond	MA94038	Kingston	7.235	ACRES	Turbidity	
French Stream	MA94-03	From the headwaters on the southeast side of the South Weymouth Naval Air Station, Rockland through Studleys Pond to the confluence with Drinkwater River, Hanover.	6.124887	MILES	Fecal Coliform	
					Fishes Bioassessments	
					Oxygen, Dissolved	
					Phosphorus (Total)	
					Whole Effluent Toxicity (WET)	
Furnace Pond	MA94043	Pembroke	102.653	ACRES	Oxygen, Dissolved	
Green Harbor	MA94-11	From the tidegates at Route 139, Marshfield to the mouth of the harbor at Massachusetts Bay/Cape Cod Bay, Marshfield.	0.078	SQUARE MILES	Fecal Coliform	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Green Harbor River	MA94-10	Outlet Black Mountain Pond, Marshfield to the tidegate at Route 139, Marshfield.	5.648	MILES	(Fish-Passage Barrier*)	
					(Other flow regime alterations*)	
					Excess Algal Growth	
					Turbidity	
Herring River	MA94-07	Outlet Old Oaken Bucket Pond, Scituate to confluence with North River, Scituate.	0.077	SQUARE MILES	Fecal Coliform	
Indian Head River	MA94-04	Outlet of Factory Pond, Hanover/Hanson to Curtis Crossing Dam (also called Ludhams Ford Dam) west of Elm Street, Hanover/Pembroke.	2.914	MILES	Mercury in Fish Tissue	
					Oxygen, Dissolved	
					Phosphorus (Total)	
Indian Head River	MA94-22	From Curtis Crossing Dam (also called Ludhams Ford Dam) west of Elm Street, Hanover/Pembroke to confluence with Herring Brook, (forming headwaters of North River) Hanover/Pembroke.	0.883	MILES	Mercury in Fish Tissue	
Iron Mine Brook	MA94-24	Headwaters north of Route 139, Hanover to the confluence with Indian Head River, Hanover.	1.393	MILES	Fecal Coliform	
Jones River	MA94-12	Headwaters outlet Silver Lake, Kingston to dam near Wapping Road, Kingston.	4.057	MILES	(Fish-Passage Barrier*)	
					(Low flow alterations*)	
					Aquatic Plants (Macrophytes)	
					Excess Algal Growth	
					Oxygen, Dissolved	
					Turbidity	
Jones River	MA94-13	From dam near Wapping Road, Kingston to dam at Elm Street, Kingston.	0.93	MILES	(Low flow alterations*)	
					Aquatic Plants (Macrophytes)	
					Excess Algal Growth	
					Oxygen, Dissolved	
					Turbidity	
Jones River	MA94-14	From dam at Elm Street, Kingston to mouth at Duxbury Bay, Kingston.	0.089	SQUARE MILES	Fecal Coliform	
Lily Pond	MA94179	Cohasset	50.503	ACRES	(Fish-Passage Barrier*)	
					(Non-Native Aquatic Plants*)	
					Secchi disk transparency	
Musquashcut Pond	MA94-33	Scituate (formerly reported as MA94105)	0.109	SQUARE MILES	(Other flow regime alterations*)	
					Chlorophyll-a	
					Dissolved oxygen saturation	
					Excess Algal Growth	
					Fecal Coliform	
					Phosphorus (Total)	

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
North River	MA94-05	Confluence of Indian Head River and Herring Brook, Hanover/Pembroke to Route 3A (Main Street), Marshfield/Scituate.	0.302	SQUARE MILES	Fecal Coliform	
					Mercury in Fish Tissue	
North River	MA94-06	Route 3A (Main Street), Marshfield/Scituate to confluence with South River/Massachusetts Bay, Scituate.	0.555	SQUARE MILES	Fecal Coliform	
Old Oaken Bucket Pond	MA94113	Scituate	8.354	ACRES	(Non-Native Aquatic Plants*)	
					Phosphorus (Total)	
Plymouth Harbor	MA94-16	The waters south of a line drawn from the tip of Plymouth Beach to High Cliff, Plymouth.	2.53	SQUARE MILES	Fecal Coliform	
					Nutrient/Eutrophication Biological Indicators	
Russell Millpond	MA94132	Plymouth	41.776	ACRES	(Fish-Passage Barrier*)	
					Excess Algal Growth	
Scituate Harbor	MA94-02	The waters west of a line across the mouth of Scituate Harbor, from the elbow of the jetty southeast off Lighthouse Point to the jetty northeast of the U.S. Coast Guard Station, Scituate.	0.322	SQUARE MILES	Fecal Coliform	
Second Herring Brook	MA94-31	From the Second Herring Brook Pond Dam, Norwell to the confluence with the North River, Norwell.	0.003	SQUARE MILES	Fecal Coliform	
South River	MA94-09	From dam at Main Street, Marshfield to confluence with North River/Massachusetts Bay, Marshfield/Scituate.	0.625	SQUARE MILES	Fecal Coliform	
Studleys Pond	MA94151	Rockland	25.471	ACRES	Fecal Coliform	
The Gulf	MA94-19	Headwaters, outlet Hunters Pond, Scituate to confluence with Cohasset Cove just north of Border Street, Cohasset.	0.126	SQUARE MILES	Fecal Coliform	
Third Herring Brook	MA94-27	Headwaters, outlet of Jacobs Pond, Norwell/Hanover to confluence with North River, Norwell/Hanover.	5.318	MILES	Fecal Coliform	
Wampatuck Pond	MA94168	Hanson	62.879	ACRES	(Non-Native Aquatic Plants*)	
					Chlorophyll-a	
					Dissolved oxygen saturation	
					Excess Algal Growth	
					Phosphorus (Total)	
					Secchi disk transparency	
Taunton						
Ames Long Pond	MA62001	Stoughton/Easton	87.694	ACRES	(Non-Native Aquatic Plants*)	
					Aquatic Plants (Macrophytes)	
					Turbidity	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Big Bearhole Pond	MA62011	Taunton	37.68	ACRES	(Non-Native Aquatic Plants*)	
					Oxygen, Dissolved	
Cabot Pond	MA62029	Mansfield	8.65	ACRES	Pentachlorophenol (PCP)	
					Dioxin (including 2,3,7,8-TCDD)	
Cain Pond	MA62030	Taunton	2.766	ACRES	Oxygen, Dissolved	
					Turbidity	
Fulton Pond	MA62075	Mansfield	9.328	ACRES	Pentachlorophenol (PCP)	
					Dioxin (including 2,3,7,8-TCDD)	
Hobart Pond	MA62090	Whitman	9.05	ACRES	(Non-Native Aquatic Plants*)	
					Turbidity	
Hodges Pond	MA62091	(Kingman Pond) Mansfield	6.972	ACRES	Pentachlorophenol (PCP)	
					Dioxin (including 2,3,7,8-TCDD)	
Island Grove Pond	MA62094	Abington	30.804	ACRES	(Non-Native Aquatic Plants*)	
					Excess Algal Growth	
					Turbidity	
Lake Sabbatia	MA62166	Taunton	265.419	ACRES	(Non-Native Aquatic Plants*)	
					Oxygen, Dissolved	
Matfield River	MA62-32	Confluence of Beaver Brook and the Salisbury Plain River, East Bridgewater to the confluence with the Town River and the Taunton River, Bridgewater.	6.662	MILES	Aquatic Macroinvertebrate Bioassessments	
					Excess Algal Growth	
					Fecal Coliform	40308
					Oxygen, Dissolved	
					Phosphorus (Total)	
					Taste and Odor	
Monponsett Pond	MA62119	[West Basin] Halifax/Hanson	282.79	ACRES	(Non-Native Aquatic Plants*)	
					Excess Algal Growth	
					Phosphorus (Total)	
					Secchi disk transparency	
Muddy Cove Brook Pond	MA62124	Dighton	23.243	ACRES	Excess Algal Growth	
					Turbidity	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Norton Reservoir	MA62134	Norton/Mansfield	556.491	ACRES	(Non-Native Aquatic Plants*)	
					Pentachlorophenol (PCP)	
					Dioxin (including 2,3,7,8-TCDD)	
					Excess Algal Growth	
					Phosphorus (Total)	
					Turbidity	
Robinson Brook	MA62-14	Outlet Hersey Pond, Foxborough to confluence with Rumford River, Mansfield.	1.855	MILES	(Physical substrate habitat alterations*)	
					Aquatic Macroinvertebrate Bioassessments	
Rumford River	MA62-39	Outlet Gavins Pond, Sharon to inlet Norton Reservoir, Mansfield (formerly part of segment MA62-15).	8.01	MILES	Pentachlorophenol (PCP)	
					(Physical substrate habitat alterations*)	
					Aquatic Macroinvertebrate Bioassessments	
					Dioxin (including 2,3,7,8-TCDD)	
					Fecal Coliform	40308
					Fishes Bioassessments	
					Sedimentation/Siltation	
Salisbury Brook	MA62-08	From the outlet of Cross Pond, Brockton to the confluence with Trout Brook forming the Salibury Plain River, Brockton.	2.542	MILES	(Physical substrate habitat alterations*)	
					Fecal Coliform	40308
					Sedimentation/Siltation	
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	40308
					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	40308
					Oxygen, Dissolved	
					Phosphorus (Total)	
					Taste and Odor	
					Turbidity	
Sassaquin Pond	MA62232	New Bedford (formerly reported as MA95129).	35.757	ACRES	Excess Algal Growth	
					Fecal Coliform	
					Taste and Odor	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Shumatuscacant River	MA62-33	From a wetland just west of Vineyard Road, Abington to the confluence with Poor Meadow Brook, Hanson.	8.504	MILES	(Physical substrate habitat alterations*)	
					Fecal Coliform	40308
					Oxygen, Dissolved	
					Sedimentation/Siltation	
Stetson Pond	MA62182	Pembroke	88.209	ACRES	(Non-Native Aquatic Plants*)	
					Oxygen, Dissolved	
					Phosphorus (Total)	
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	Fecal Coliform	40310
					Oxygen, Dissolved	
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	40310
					Fishes Bioassessments	
					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	Fecal Coliform	40308
					Oxygen, Dissolved	
					Total Suspended Solids (TSS)	
					Turbidity	
Unnamed Tributary	MA62-42	Headwaters, south off Slab Bridge Road (in Cedar Swamp portion of Freetown-Fall River State Forest), Freetown to confluence with the Cedar Swamp River, Lakeville.	4.012	MILES	Aquatic Macroinvertebrate Bioassessments	
					Fishes Bioassessments	
Unnamed Tributary	MA62-48	Channel from Taunton Municipal Lighting Plant, Taunton to confluence with Taunton River, Taunton.	0.002	SQUARE MILES	(Other flow regime alterations*)	
					(Physical substrate habitat alterations*)	
					Aquatic Macroinvertebrate Bioassessments	
					Fishes Bioassessments	
					Temperature, water	
Wading River	MA62-47	Source in wetland north of West Street, Foxborough to Balcolm Street, Mansfield (due to error on 1987 Wrentham quad it appears segment includes part of Cocasset River, Foxborough) (formerly part of segment MA62-17)	4.158	MILES	Fecal Coliform	40307
					Oxygen, Dissolved	
Watson Pond	MA62205	Taunton	77.523	ACRES	(Non-Native Aquatic Plants*)	
					Excess Algal Growth	
					Oxygen, Dissolved	
					Phosphorus (Total)	
					Secchi disk transparency	

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Woods Pond	MA62220	Middleborough	51.081	ACRES	(Non-Native Aquatic Plants*)	
					Turbidity	
Ten Mile						
Bungay River	MA52-06	Headwaters, outlet Greenwood Lake, North Attleborough to confluence with Ten Mile River, Attleboro.	5.083	MILES	Fecal Coliform	
Cargill Pond	MA52004	Plainville	1.563	ACRES	Turbidity	
Central Pond	MA52006	Seekonk,MA/Pawtucket,RI/Providence,RI (size indicates portion in Massachusetts)	5.816	ACRES	Aquatic Plants (Macrophytes)	
					Dissolved oxygen saturation	
					Excess Algal Growth	
					Organic Enrichment (Sewage) Biological Indicators	
					Oxygen, Dissolved	
					Phosphorus (Total)	
Falls Pond, North Basin	MA52013	North Attleborough	54.093	ACRES	Excess Algal Growth	
					Nutrient/Eutrophication Biological Indicators	
					Oxygen, Dissolved	
					Phosphorus (Total)	
Fourmile Brook	MA52-10	Headwaters, outlet Manchester Pond Reservoir, Attleboro to inlet Orrs Pond, Attleboro.	0.992	MILES	Sedimentation/Siltation	
James V. Turner Reservoir	MA52022	Seekonk,MA/E. Providence,RI (size indicates portion in Massachusetts)	28.436	ACRES	Aquatic Plants (Macrophytes)	
					Dissolved oxygen saturation	
					Excess Algal Growth	
					Organic Enrichment (Sewage) Biological Indicators	
					Phosphorus (Total)	
Lake Como	MA52010	Attleboro/N. Attleborough	4.807	ACRES	(Non-Native Aquatic Plants*)	
					Excess Algal Growth	
					Turbidity	
Plain Street Pond	MA52032	Mansfield	12.231	ACRES	(Non-Native Aquatic Plants*)	
					Excess Algal Growth	
Sevenmile River	MA52-08	Outlet Orrs Pond, Attleboro to confluence with Ten Mile River, Pawtucket, Rhode Island.	3.402	MILES	Fecal Coliform	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Speedway Brook	MA52-05	(locally known as Thacher Brook) Headwaters, Attleboro to inlet of Dodgeville Pond (a Ten Mile River impoundment), Attleboro.	0.9	MILES	(Alteration in stream-side or littoral vegetative covers*)	
					Aquatic Macroinvertebrate Bioassessments	
					Fecal Coliform	
					(Habitat Assessment (Streams)*)	
					Other	
					Oxygen, Dissolved	
					Sedimentation/Siltation	
Ten Mile River	MA52-01	Headwaters, outlet Cargill Pond, Plainville to West Bacon Street, Plainville (through Fuller Pond formerly segment MA52016).	1.538	MILES	Other	
Ten Mile River	MA52-02	West Bacon Street, Plainville to North Attleborough WWTP discharge, Attleboro (excluding 0.9 miles thru Falls Pond segment MA52013, but including thru Wetherells Pond formerly segment MA52041).	4.087	MILES	Excess Algal Growth	
					Fecal Coliform	
					Other	
					Phosphorus (Total)	
					Turbidity	
Ten Mile River	MA52-03	North Attleborough WWTP discharge, Attleboro to the MA/RI border near Central Avenue, Seekonk, MA/Pawtucket, RI (thru former segments; Farmers Pond MA52015, Mechanics Pond MA52027, Dodgeville Pond MA52011, and Hebronville Pond MA52020).	9.084	MILES	Aquatic Plants (Macrophytes)	
					Chlordane	
					Dissolved oxygen saturation	
					Excess Algal Growth	
					Fecal Coliform	
					Organic Enrichment (Sewage) Biological Indicators	
					Other	
					Oxygen, Dissolved	
					Phosphorus (Total)	
Westfield						
Ashley Brook	MA32-37	Headwaters (perennial portion), south of Hillside Road, Westfield to confluence with Jacks Brook, Westfield.	0.5	MILES	Escherichia coli	
Congamond Lakes	MA32021	[Middle Basin] Southwick	278.774	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					Oxygen, Dissolved	
Congamond Lakes	MA32022	[North Basin] Southwick	46.052	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					Oxygen, Dissolved	
Jacks Brook	MA32-39	Headwaters, east of Fowler Road, Westfield to inlet of Crane Pond/Little River, Westfield.	2.4	MILES	Escherichia coli	

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Little River	MA32-08	Horton's Bridge, Westfield to confluence with Westfield River, Westfield.	5.386436	MILES	Escherichia coli	
					Fecal Coliform	
Little River	MA32-36	From the dam northwest of Gorge Road, Russell to Horton's Bridge, Westfield. (formerly part of segment MA32-26)	5.809	MILES	Combined Biota/Habitat Bioassessments	
					Escherichia coli	
Moose Meadow Brook	MA32-23	Source in wetland west of Bungy Mountain, Montgomery to confluence with Westfield River, Westfield.	8.175	MILES	Fecal Coliform	
					Turbidity	
Pequot Pond	MA32055	Westfield/Southampton	155.002	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					(Non-Native Aquatic Plants*)	
					Oxygen, Dissolved	
					Phosphorus (Total)	
Potash Brook	MA32-22	Source at outlet of Dunlap Pond in Blandford to confluence with Westfield River at village of Woronoco, Russell.	5.163059	MILES	Escherichia coli	
Powdermill Brook	MA32-09	Source, east of Pitcher Road, Montgomery to confluence with Westfield River, Westfield.	9.542397	MILES	Excess Algal Growth	
					Sedimentation/Siltation	
					Turbidity	
Westfield River	MA32-05	Confluence with Middle Branch Westfield River, Huntington to Route 20 bridge, Westfield.	17.837	MILES	Aquatic Macroinvertebrate Bioassessments	
					Excess Algal Growth	
					Taste and Odor	
					Turbidity	
Windsor Pond	MA32076	Windsor	46.598	ACRES	(Eurasian Water Milfoil, Myriophyllum spicatum*)	
					Mercury in Fish Tissue	42410
					Oxygen, Dissolved	
Weymouth & Weir						
Accord Brook	MA74-16	Headwaters, outlet Accord Pond, Hingham to water supply intake (4131000-02S Accord Brook) south of South Pleasant Street, Hingham.	3.2	MILES	Aquatic Macroinvertebrate Bioassessments	
Cochato River	MA74-06	Outlet Lake Holbrook, Holbrook to confluence with Farm and Monatiquot rivers, Braintree (through former pond segment Ice House Pond MA74028). (SARIS note: the upper portion of this segment is comprised of three surface waters: unnamed tributary from the outlet of Lake Holbrook, portion of Mary Lee Brook, portion of Glovers Brook).	4.1	MILES	Chlordane	
					DDT	
					Fecal Coliform	
					Oxygen, Dissolved	
Crooked Meadow River	MA74-01	Outlet Cushing Pond, Hingham to confluence with Weir River, Hingham.	1	MILES	Nutrient/Eutrophication Biological Indicators	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Furnace Brook	MA74-10	From headwaters north of Blue Hills Reservoir, Quincy to confluence with Blacks Creek, Quincy (portions culverted underground).	4.2	MILES	Oxygen, Dissolved	
Hingham Harbor	MA74-18	Hingham Harbor inside a line from Crows Point to Worlds End, Hingham (formerly reported as MA70-08).	1.12	SQUARE MILES	Fecal Coliform	
					Other	
					PCB in Fish Tissue	
Lake Holbrook	MA74013	Holbrook	31	ACRES	Nutrient/Eutrophication Biological Indicators	
Mill River	MA74-04	Headwaters, west of Route 18 and south of Randolph Street, Weymouth to inlet Whitmans Pond, Weymouth (portions culverted underground).	3.4	MILES	Fecal Coliform	
					Nutrient/Eutrophication Biological Indicators	
Monatiquot River	MA74-08	Headwaters at confluence of Cochato and Farm rivers, Braintree to confluence with Weymouth Fore River at Commercial Street, Braintree.	4.4	MILES	(Physical substrate habitat alterations*)	
					Aquatic Macroinvertebrate Bioassessments	
					Fecal Coliform	
					Oxygen, Dissolved	
Old Swamp River	MA74-03	Headwaters just west of Pleasant Street and north of Liberty Street, Rockland to inlet Whitmans Pond, Weymouth.	5.2	MILES	Fecal Coliform	
Sylvan Lake	MA74021	Holbrook	6	ACRES	Chlordane	
					DDT	
Town Brook	MA74-09	Outlet Old Quincy Reservoir, Braintree to confluence with Town River Bay north of Route 3A, Quincy (includes "The Canal"/Town River) (portions culverted underground).	3.5	MILES	(Other flow regime alterations*)	
					(Physical substrate habitat alterations*)	
					Aquatic Macroinvertebrate Bioassessments	
					Fecal Coliform	
Town River Bay	MA74-15	From the headwaters at the Route 3A bridge, Quincy to the mouth at Weymouth Fore River between Shipyard and Germantown Points, Quincy.	0.46	SQUARE MILES	Fecal Coliform	
					Other	
					Oxygen, Dissolved	
					PCB in Fish Tissue	
Weir River	MA74-02	Headwaters at confluence of Crooked Meadow River and Fulling Mill Brook, Hingham to Foundry Pond outlet, Hingham (through former pond segment Foundry Pond MA74011).	2.7	MILES	(Low flow alterations*)	
					Fecal Coliform	
					Nutrient/Eutrophication Biological Indicators	
					Sedimentation/Siltation	
Weir River	MA74-11	From Foundry Pond outlet, Hingham to mouth at Worlds End, Hingham and Nantasket Road near Beech Avenue, Hull (including unnamed tributary from outlet Straits Pond, Hingham/Hull).	0.83	SQUARE MILES	Fecal Coliform	
					Other	
					PCB in Fish Tissue	

* TMDL not required (Non-pollutant)

Massachusetts Category 5 Waters
"Waters requiring a TMDL"

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	IMPAIRMENT CAUSE	EPA TMDL NO.
Weymouth Back River	MA74-05	Outlet Elias Pond, Weymouth to the base of the fish ladder north of Commercial Street,Weymouth.	0.4	MILES	Fecal Coliform	
					Oxygen, Dissolved	
Weymouth Back River	MA74-13	From the base of the fish ladder north of Commercial Street, Weymouth to mouth between Lower Neck, Weymouth (to the west) and Wompatuck Road, Hingham.	0.86	SQUARE MILES	Fecal Coliform	
					Other	
					PCB in Fish Tissue	
Weymouth Fore River	MA74-14	Commercial Street, Braintree to mouth (eastern point at Lower Neck, Weymouth and western point at Wall Street on Houghs Neck, Quincy).	2.29	SQUARE MILES	Fecal Coliform	
					Other	
					PCB in Fish Tissue	
Whitmans Pond	MA74025	Weymouth	147	ACRES	(Non-Native Aquatic Plants*)	
					DDT	

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Blackstone					
Aldrich Pond	MA51002	Sutton	2	ACRES	5
Arcade Pond	MA51003	Northbridge	20	ACRES	5
Arnolds Brook	MA51-32	Perennial portion only, from outlet of unnamed pond at Whitehall Way, Bellingham to confluence with Peters River, Bellingham.	1.7	MILES	5
Beaver Brook	MA51-07	Outlet of small unnamed impoundment north of Beth Israel School and Flag Street School, Worcester to confluence with Middle River, Worcester. (Includes underground portion)	2.9	MILES	5
Bell Pond	MA51009	Worcester	10	ACRES	3
Blackstone River	MA51-03	Confluence of Middle River and Mill Brook (downstream of the railroad spur bridge west of Tobias Boland Boulevard), Worcester to Fisherville Dam, Grafton. (through a portion of Fisherville Pond formerly segment MA51048)	10.4	MILES	5
Blackstone River	MA51-04	Fisherville Dam, Grafton to outlet Rice City Pond, Uxbridge. (through Riverdale Impoundment formerly segment MA51136 and Rice City Pond formerly segment MA51131)	8.8	MILES	5
Blackstone River	MA51-05	Outlet Rice City Pond, Uxbridge to the old Water Quality Monitor (at the Conrail Railroad trestle due north of Collins Drive), Millville.	9.1	MILES	5
Blackstone River	MA51-06	From the Water Quality Monitor, Millville to the Rhode Island border west of Route 122 (Main St.), Blackstone, MA/(Harris Avenue) North Smithfield RI.	3.8	MILES	5
Brierly Pond	MA51010	Millbury	18	ACRES	4A
Brooklawn Parkway Pond	MA51195	Shrewsbury	2	ACRES	3
Burncoat Park Pond	MA51012	Worcester	6	ACRES	5
Carpenter Reservoir	MA51015	Northbridge	78	ACRES	3
Cedar Swamp Brook	MA51-33	Headwaters, outlet Cedar Swamp, Uxbridge to confluence with Chockalog River, Douglas.	0.8	MILES	5
Center Brook	MA51-34	Outlet Mill Pond, Upton to confluence with West River, Upton.	2.8	MILES	2
Chase Pond	MA51017	Douglas	11	ACRES	3
Chockalog Pond	MA51018	Uxbridge	11	ACRES	3
Clark Reservoir	MA51022	Sutton	29	ACRES	3
Coal Mine Brook	MA51-27	Perennial portion, from unnamed road approximately 0.2 miles upstream from Plantation Street, Worcester to inlet of Lake Quinsigamond, Worcester.	0.4	MILES	5
Coes Reservoir	MA51024	Worcester	87	ACRES	4C
Cook Allen Brook	MA51-28	Headwaters, outlet Reservoir No. 5, Sutton to inlet Whitins Pond, Northbridge. (excluding Reservoir No. 4, segment MA51128)	2	MILES	5
Crane Pond	MA51030	Blackstone	1	ACRES	3
Crystal Lake	MA51031	Douglas	96	ACRES	3
Dark Brook	MA51-16	Outlet Eddy Pond, Auburn to confluence with Kettle Brook, Auburn. (through Auburn Pond formerly segment MA51004)	2.8	MILES	5
Dark Brook Pond	MA51034	Sutton	18	ACRES	3
Dark Brook Reservoir	MA51035	[South Basin] Auburn	58	ACRES	4C
Dark Brook Reservoir	MA51036	[North Basin] Auburn	171	ACRES	4C
Doctors Pond	MA51194	Uxbridge	1	ACRES	3
Dorothy Pond	MA51039	Millbury	133	ACRES	4A

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Dudley Pond	MA51041	Douglas	8	ACRES	3
Eddy Pond	MA51043	Auburn	99	ACRES	4A
Emerson Brook	MA51-29	Headwaters, outlet Lee Pond, Uxbridge to confluence with the Blackstone River, Uxbridge.	1.9	MILES	2
Fish Pond	MA51047	Northbridge	8	ACRES	5
Flint Pond	MA51050	[North Basin] Shrewsbury	92	ACRES	4A
Flint Pond	MA51188	[South Basin] Shrewsbury/Grafton/Worcester	173	ACRES	4A
Girard Pond	MA51053	Sutton	2	ACRES	4C
Green Hill Pond	MA51056	Worcester	29	ACRES	4A
Greene Brook	MA51-30	Headwaters, north of Linden Street, Douglas to confluence with Chockalog River, Douglas.	1.6	MILES	2
Hales Pond	MA51057	Wrentham	4	ACRES	3
Hathaway Pond	MA51059	Millbury/Sutton	8	ACRES	3
Hayes Pond	MA51060	Grafton	5	ACRES	5
Holden Reservoir 1	MA51063	Holden	124	ACRES	3
Holden Reservoir 2	MA51064	Holden	52	ACRES	3
Houghton Pond	MA51067	Uxbridge	2	ACRES	3
Howe Pond	MA51069	Millbury	4	ACRES	3
Howe Reservoirs	MA51070	[East Basin] Millbury	2	ACRES	4C
Howe Reservoirs	MA51071	[West Basin] Millbury	7	ACRES	4A
Hunt Pond	MA51072	Douglas	2	ACRES	3
Indian Lake	MA51073	Worcester	186	ACRES	4A
Ironstone Reservoir	MA51074	Uxbridge	28	ACRES	4C
Jenks Reservoir	MA51075	Bellingham	26	ACRES	4C
Joels Pond	MA51076	Uxbridge	11	ACRES	3
Joes Rock Pond	MA51077	Wrentham	12	ACRES	3
Jordan Pond	MA51078	Shrewsbury	18	ACRES	4A
Kettle Brook	MA51-01	Outlet Kettle Brook Reservoir #1 to the inlet of Leesville Pond, Auburn (excluding the approximately 0.4 miles through Waite Pond segment MA51170) (through former segments: City Pond MA51021, Smiths Pond MA51156, and Stoneville Pond MA51160)	7	MILES	5
Kettle Brook	MA51-19	Outlet Kettle Brook Reservoir #4, Paxton, to inlet of Kettle Brook Reservoir #1, Leicester. (excluding Kettle Brook Reservoir #3 segment MA51081 and Kettle Brook Reservoir #2 segment MA51080)	1.9	MILES	2
Kettle Brook Reservoir No. 1	MA51079	Leicester	11	ACRES	3
Kettle Brook Reservoir No. 2	MA51080	Leicester	29	ACRES	3
Kettle Brook Reservoir No. 3	MA51081	Paxton/Leicester	36	ACRES	3
Kettle Brook Reservoir No. 4	MA51082	Paxton	113	ACRES	3
Lake Hiawatha	MA51062	Bellingham/Blackstone	58	ACRES	3
Lake Quinsigamond	MA51125	Shrewsbury/Worcester	471	ACRES	4A
Lake Ripple	MA51135	Grafton	47	ACRES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Laurel Brook	MA51-23	Headwaters, north of Yew Street, Douglas to confluence with Scadden Brook near the outlet of Sawmill Pond, Uxbridge (through Bazely Pond formerly segment MA51008).	3.3	MILES	2
Leesville Pond	MA51087	Auburn/Worcester	34	ACRES	4A
Lynde Brook Reservoir	MA51090	Leicester	130	ACRES	3
Manchaug Pond	MA51091	Douglas/Sutton	365	ACRES	5
Marble Pond	MA51093	Sutton	8	ACRES	5
Martin Street Pond	MA51095	Douglas	3	ACRES	3
Merrill Pond No. 3	MA51098	Sutton	13	ACRES	3
Merrill Pond No. 4	MA51099	Sutton	20	ACRES	3
Middle River	MA51-02	Outlet Coes Pond, Worcester to confluence with the unnamed tributary locally known as "Mill Brook" (downstream of the railroad spur bridge west of Tobias Boland Boulevard), Worcester.	3.4	MILES	5
Mill Pond	MA51104	Upton	10	ACRES	4C
Mill Pond	MA51105	Shrewsbury	12	ACRES	4A
Mill River	MA51-35	Outlet North Pond, Milford/Upton to Mendon/Blackstone corporate boundary (through former segments Fiske Millpond MA51049, Mill Pond MA51102, Hopedale Pond MA51065 and Spindleville Pond MA51158) (formerly part of segment MA51-10)	11.8	MILES	5
Mill River	MA51-36	From Mendon/Blackstone corporate boundary to MA/RI border in Blackstone, MA (through former segment Harris Pond MA51058) (formerly part of segment MA51-10)	4.4	MILES	5
Miscoe Brook	MA51-21	Headwaters, south of Route 90, Grafton to inlet Silver Lake, Grafton (through Cider Millpond formerly segment MA51019).	1.9	MILES	2
Miscoe Brook	MA51-37	Perennial portion from the Mendon/Upton/Northbridge corporate boundaries to the confluence with Taft Pond Brook, Northbridge/Upton	0.7	MILES	2
Miscoe Lake	MA51106	Wrentham (size indicates portion in Massachusetts)	5	ACRES	4C
Mumford River	MA51-13	Headwaters, outlet Tuckers Pond, Sutton to Douglas WWTP discharge, Douglas.	4.3	MILES	2
Mumford River	MA51-14	Douglas WWTP discharge, Douglas to confluence with Blackstone River, Uxbridge. (through former segments: Gilboa Pond MA51052, Lackey Pond MA51083, Meadow Pond MA51193, Linwood Pond MA51088, Whitin Pond MA51178, and Caprons Pond MA51014)	9.6	MILES	5
Newton Pond	MA51110	Shrewsbury/Boylston	54	ACRES	4A
Nipmuck Pond	MA51111	Mendon	85	ACRES	3
North Pond	MA51112	Hopkinton/Milford	213	ACRES	4C
Number 1 Pond	MA51114	Sutton	9	ACRES	5
Number 2 Pond	MA51115	Sutton/Oxford	9	ACRES	3
Peabody Pond	MA51119	Uxbridge	6	ACRES	3
Peters River	MA51-18	Outlet Silver Lake, Bellingham to Rhode Island state line, Bellingham.	4	MILES	5
Pondville Pond	MA51120	Auburn/Millbury	36	ACRES	4A
Poor Farm Brook	MA51-17	Headwaters, West Boylston to the inlet of Shirley Street Pond, Shrewsbury (through City Farm Pond formerly segment MA51020).	3.6	MILES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Pout Pond	MA51121	Uxbridge	9	ACRES	3
Pout Pond	MA51122	Boylston	14	ACRES	3
Pratt Pond	MA51123	Upton	39	ACRES	4C
Pratts Pond	MA51124	Grafton	4	ACRES	3
Quinsigamond River	MA51-09	Outlet Flint Pond, Grafton to confluence with Blackstone River, Grafton (excluding Lake Ripple segment MA51135) (segment includes all of Hovey Pond formerly segment MA51068 and a portion of Fisherville Pond formerly segment MA51048).	5.2	MILES	4C
Ramshorn Pond	MA51126	Sutton/Millbury	131	ACRES	3
Reservoir No. 4	MA51128	Sutton	10	ACRES	3
Riley Pond	MA51134	Northbridge	7	ACRES	5
Riverlin Street Pond	MA51137	Millbury	2	ACRES	4C
Rivulet Pond	MA51138	Uxbridge	4	ACRES	4C
Scadden Brook	MA51-24	Headwaters, north of Davis Street, Douglas to inlet Lee Pond, Uxbridge (through Lee Reservoir formerly segment MA51086).	2.4	MILES	2
Schoolhouse Pond	MA51144	Sutton	7	ACRES	3
Sewall Pond	MA51191	Boylston	13	ACRES	3
Shirley Street Pond	MA51196	Shrewsbury	19	ACRES	4A
Sibley Reservoir	MA51148	Sutton	25	ACRES	4C
Silver Hill Pond	MA51149	Milford	6	ACRES	3
Silver Lake	MA51150	Bellingham	42	ACRES	4C
Silver Lake	MA51151	Grafton	25	ACRES	4C
Singletary Brook	MA51-31	Headwaters, outlet Singletary Pond, Millbury to confluence with the Blackstone River, Millbury (excluding the approximately 0.4 miles through Brierly Pond segment MA51010).	1.5	MILES	5
Singletary Pond	MA51152	Sutton/Millbury	342	ACRES	4C
Slaughterhouse Pond	MA51153	Millbury/Sutton	10	ACRES	3
Southwick Pond	MA51157	Leicester/Paxton	42	ACRES	4A
Spring Brook	MA51-25	Headwaters, north of Lovell Street, Mendon to confluence with Muddy Brook, Mendon.	1.9	MILES	2
Stevens Pond	MA51159	Sutton	85	ACRES	4C
Stoneville Reservoir	MA51161	Auburn	60	ACRES	3
Stump Pond	MA51162	Oxford	20	ACRES	3
Sutton Falls	MA51163	Sutton	10	ACRES	5
Swans Pond	MA51164	Sutton/Northbridge	32	ACRES	4C
Taft Pond	MA51165	Upton	11	ACRES	4C
Taft Pond Brook	MA51-26	Headwaters, outlet Taft Pond, Upton to confluence with West River, Northbridge.	1.2	MILES	2
Tatnuck Brook	MA51-15	Outlet Holden Reservoir #2, Holden to inlet of Coes Reservoir, Worcester (through Cook Pond formerly segment MA51027 and Patch Reservoir formerly segment MA51118).	3.3	MILES	5
Tinker Hill Pond	MA51167	Auburn	37	ACRES	4C

Appendix 1
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NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Tinkerville Brook	MA51-22	Perennial portion only, north of Walnut Street, Douglas to state line Douglas, MA/Burrillville, RI.	2.3	MILES	2
Town Farm Pond	MA51168	Sutton	6	ACRES	3
Tuckers Pond	MA51169	Sutton	26	ACRES	4C
Unnamed Tributary	MA51-08	(Also known as "Mill Brook") Outlet Indian Lake, Worcester to confluence with Middle River (downstream of the railroad spur bridge west of Tobias Boland Boulevard), Worcester (through Salisbury Pond formerly segment MA51142).	5.6	MILES	5
Unnamed Tributary	MA51-20	From the outlet of Leesville Pond, Worcester to the confluence with the Middle River, Worcester (through Curtis ponds formerly reported as segments MA51033 and MA51032).	1.4	MILES	5
Waite Pond	MA51170	Leicester	48	ACRES	4A
Wallum Lake	MA51172	Douglas (size indicates portion in Massachusetts)	138	ACRES	3
Welsh Pond	MA51176	Sutton	8	ACRES	5
West River	MA51-11	Outlet Silver Lake, Grafton to Upton WWTP discharge, Upton (through Lake Wildwood formerly segment MA51181).	3.8	MILES	5
West River	MA51-12	Upton WWTP discharge, Upton to confluence with Blackstone River, Uxbridge (through former segments Harrington Pool MA51197, and West River Pond MA51177).	9.3	MILES	5
Whitin Reservoir	MA51179	Douglas	342	ACRES	3
Whitins Pond	MA51180	Northbridge/Sutton	162	ACRES	4C
Windle Pond	MA51184	Grafton/Shrewsbury	4	ACRES	3
Woodbury Pond	MA51185	Sutton	5	ACRES	5
Woolshop Pond	MA51186	Millbury	5	ACRES	5
Boston Harbor					
Boston Harbor	MA70-01	The area defined by a line from the southerly tip of Deer Island to Boston Lighthouse on Little Brewster Island, then south to Point Allerton; across Hull and West guts; across the mouths of Quincy and Dorchester bays, Boston Inner Harbor and Winthrop Bay (including President Roads and Nantasket Roads).	18.59	SQUARE MILES	5
Boston Inner Harbor	MA70-02	From the Mystic and Chelsea rivers, Chelsea/Boston, to the line between Governors Island and Fort Independence, Boston (East Boston) (including Fort Point, Reserved and Little Mystic channels).	2.56	SQUARE MILES	5
Dorchester Bay	MA70-03	From the mouth of the Neponset River, Boston/Quincy to the line between Head Island and the north side of Thompson Island and the line between the south point of Thompson Island, Boston and Chapel Rocks, Quincy.	3.46	SQUARE MILES	5
Hingham Bay	MA70-06	The area north of the mouth of the Weymouth Fore River extending on the west along the line between Nut Island and the south point of West Head, and on the east side along a line from Prince Head just east of Pig Rock to the mouth of the Weymouth Fore River (midway between Lower Neck and Manot Beach), Quincy.	0.96	SQUARE MILES	5
Hingham Bay	MA70-07	The area defined between Peddocks Island and Windmill Point; from Windmill Point southeast to Bumkin Island; from Bumkin Island southeast to Sunset Point; from Sunset Point across the mouth of the Weir River to Worlds End; from Worlds End across the mouth of Hingham Harbor to Crow Point; from Beach Lane, Hingham across the mouth of the Weymouth Back River to Lower Neck; and from Lower Neck midway across the mouth of the Weymouth Fore River.	4.8	SQUARE MILES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Hull Bay	MA70-09	The area defined east of a line from Windmill Point, Hull to Bumkin Island, Hingham and from Bumkin Island to Sunset Point, Hull.	2.48	SQUARE MILES	5
Pleasure Bay	MA70-11	A semi-enclosed bay, the flow restricted through two channels between Castle and Head islands, Boston	0.22	SQUARE MILES	5
Quincy Bay	MA70-04	From Bromfield Street near the Wollaston Yacht Club, northeast to N42 17.3 W71 00.1, then southeast to Houghs Neck near Sea Street and Peterson Road (formerly referred to as the "Willows"), Quincy.	1.52	SQUARE MILES	5
Quincy Bay	MA70-05	Quincy Bay, north of the class SA waters (segment MA70-04), Quincy to the line between Moon Head and Nut Island, Quincy.	4.41	SQUARE MILES	5
Winthrop Bay	MA70-10	From the tidal flats at Coleridge Street, Boston (East Boston) to a line between Logan International Airport and Point Shirley, Boston/Winthrop.	1.65	SQUARE MILES	5
Buzzards Bay					
"Inner" Sippican Harbor	MA95-70	The waters landward of a line from Allen Point, Marion around the southeastern tip of Ram Island, then westerly from the southern tip of Ram Island to the point of land south of Nyes Wharf, Marion excluding Hammett Cove (formerly reported as a portion of segment MA95-08).	0.57	SQUARE MILES	5
Abner Pond	MA95001	Plymouth	8.853	ACRES	3
Acushnet River	MA95-31	Outlet New Bedford Reservoir, Acushnet to Hamlin Street culvert, Acushnet.	3.071	MILES	5
Acushnet River	MA95-32	Hamlin Street culvert, Acushnet to culvert at Main Street, Acushnet.	1.117	MILES	5
Acushnet River	MA95-33	Outlet Main Street culvert, Acushnet to Coggeshall Street bridge, New Bedford/Fairhaven.	0.312	SQUARE MILES	5
Agawam River	MA95-28	Outlet Mill Pond, Wareham to Wareham WWTP, Wareham.	0.609	MILES	3
Agawam River	MA95-29	Wareham WWTP, Wareham to confluence with Wankinco River at Route 6 bridge, Wareham.	0.165	SQUARE MILES	5
Apponagansett Bay	MA95-39	From the mouth of Buttonwood Brook, Dartmouth to a line drawn from Ricketsons Point, Dartmouth to Samoset Street near North Avenue, Dartmouth.	1.067	SQUARE MILES	5
Aucoot Cove	MA95-09	From the boundary of Division of Marine Fisheries designated shellfishing growing area BB31.1, north and southwest from Haskell Island, Marion to the mouth at Buzzards Bay demarcated by a line drawn between Converse Point, Marion and Joes Point, Mattapoisett.	0.461	SQUARE MILES	2
Aucoot Cove	MA95-71	From the confluence with Aucoot Creek, Marion to the boundary of Division of Marine Fisheries designated shellfishing growing area BB31.1, north and southwest from Haskell Island, Marion (formerly part of segment 95-09).	0.029	SQUARE MILES	5
Aucoot Creek	MA95-72	Estuarine portion east of Holly Pond Road, Marion to confluence with Aucoot Cove, Marion.	0.016	SQUARE MILES	5
Back River	MA95-47	Outlet of small unnamed pond downstream from Mill Pond, Bourne to confluence with Phinneys Harbor (excluding Eel Pond), Bourne.	0.083903	SQUARE MILES	4A
Barrett Pond	MA95004	Carver	11.303	ACRES	2
Bates Pond	MA95007	Carver	19.045	ACRES	3
Beaverdam Creek	MA95-53	Outlet from cranberry bog southeast of Route 6, Wareham to confluence with Wewantic River, Wareham.	0.037735	SQUARE MILES	5
Big Rocky Pond	MA95119	(Rocky Pond) Plymouth	18.111	ACRES	3
Big Sandy Pond	MA95011	Plymouth	133.21	ACRES	3
Blackmore Reservoir	MA95015	Wareham	42.821	ACRES	3

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Bread and Cheese Brook	MA95-58	Headwaters north of Old Bedford Road, Westport to confluence with East Branch Westport River, Westport.	4.945	MILES	4A
Broad Marsh River	MA95-49	Headwaters in salt marsh south of Marion Road and Bourne Terrace, Wareham to confluence with the Wareham River, Wareham.	0.16223	SQUARE MILES	4A
Butler Cove	MA95-77	just south of Buttermilk Bay, Wareham	0.05	SQUARE MILES	5
Buttermilk Bay	MA95-01	Bourne/Wareham	0.666	SQUARE MILES	5
Buttonwood Brook	MA95-13	Headwaters, at Oakdale Street, New Bedford to mouth at Apponagansett Bay, Dartmouth.	3.783	MILES	4A
Buttonwood Park Pond	MA95020	New Bedford	11.543	ACRES	3
Buzzards Bay	MA95-62	Open water area encompassed within a line drawn from Wilber Point, Fairhaven to Clarks Point, New Bedford to Ricketson Point, Dartmouth to vacinity of Samoset Street, Dartmouth down to Round Hill Point, Dartmouth and back to Wilber Point, Fairhaven.	8.02	SQUARE MILES	5
Cape Cod Canal	MA95-14	Waterway between Buzzards Bay and Cape Cod Bay, Bourne/Sandwich	1.134	SQUARE MILES	4A
Cedar Dell Lake	MA95021	Dartmouth	22.894	ACRES	3
Cedar Island Creek	MA95-52	Headwaters near the intersection of Parker Drive and Camardo Drive, Wareham to the mouth at Marks Cove, Wareham.	0.010713	SQUARE MILES	4A
Cedar Lake	MA95-96344	Falmouth (formerly reported as segment MA96344)	20	ACRES	3
Charge Pond	MA95025	Plymouth	16.431	ACRES	2
Clarks Cove	MA95-38	The semi-enclosed waterbody landward of a line drawn between Clarks Point, New Bedford and Ricketsons Point, Dartmouth.	1.9	SQUARE MILES	5
College Pond	MA95030	Plymouth	46.758	ACRES	2
Copicut Reservoir	MA95175	Dartmouth/Fall River	596	ACRES	5
Copicut River	MA95-43	Outlet of Copicut Reservoir, Fall River to the inlet of Cornell Pond, Dartmouth.	1.348	MILES	5
Cornell Pond	MA95031	Dartmouth	12.366	ACRES	5
Crane Brook Bog Pond	MA95033	Carver	37.303	ACRES	5
Crooked River	MA95-51	Outlet of cranberry bog east of Indian Neck Road, Wareham to the confluence with the Wareham River, Wareham.	0.043267	SQUARE MILES	4A
Curlew Pond	MA95034	Plymouth	42.591	ACRES	2
Deer Pond	MA95036	Plymouth	8.697	ACRES	3
Dicks Pond	MA95038	Wareham	41.848	ACRES	3
Dunham Pond	MA95044	Carver	42.796	ACRES	3
East Branch Westport River	MA95-40	Outlet Noquochoke Lake, Dartmouth to Old County Road bridge, Westport.	2.862	MILES	4A
East Branch Westport River	MA95-41	Old County Road bridge, Westport to the mouth at Westport Harbor, Westport (excluding Horseneck Channel).	2.648	SQUARE MILES	5
East Head Pond	MA95177	Carver/Plymouth	91.504	ACRES	3
Eel Pond	MA95-48	Salt water pond that discharges to the Back River, Bourne.	0.032	SQUARE MILES	4A
Eel Pond	MA95-61	Coastal pond at the head of Mattapoisett Harbor, Mattapoisett.	0.04	SQUARE MILES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Ezekiel Pond	MA95051	Plymouth	35.611	ACRES	3
Fawn Pond	MA95053	Plymouth	43.743	ACRES	3
Fearing Pond	MA95054	Plymouth	22.509	ACRES	2
Federal Pond	MA95055	Carver/Plymouth	125.041	ACRES	4C
Fiddlers Cove	MA95-79	cove south off Megansett Harbor, Falmouth	0.01	SQUARE MILES	5
Five Mile Pond	MA95056	Plymouth	21.786	ACRES	3
Flax Pond	MA95-96087	Bourne (formerly reported as segment MA96087)	20	ACRES	3
Fresh Meadow Pond	MA95174	Carver/Plymouth	59.381	ACRES	4C
Gallows Pond	MA95059	Plymouth	49.086	ACRES	3
Glen Charlie Pond	MA95061	Wareham	156.611	ACRES	2
Great Sippewisset Creek	MA95-23	From the outlet of Beach Pond in Great Sippewisset Marsh, Falmouth to the mouth at Buzzards Bay, Falmouth (including the unnamed tributary from the outlet of Fresh Pond and Quahog Pond).	0.030751	SQUARE MILES	4A
Halfway Pond	MA95178	(On 9 October 1997, PALIS ID was changed from 94057 to 95178; therefor, this pond historically reported in South Coastal "94") Plymouth	214.592	ACRES	3
Hammett Cove	MA95-56	Borders Sippican Harbor (along a line from the southwestern most point of Little Neck to the end of the seawall on the opposite point), Marion.	0.073	SQUARE MILES	5
Harbor Head	MA95-46	The semi-enclosed body of water south of the confluence with West Falmouth Harbor, south of Chappaquoit Road, Falmouth.	0.022	SQUARE MILES	4A
Herring Brook	MA95-21	Headwaters northeast of Dale Drive and west of Route 28A, Falmouth to the mouth at Buzzards Bay, Falmouth	0.012263	SQUARE MILES	5
Hiller Cove	MA95-10	The water landward of a line drawn between Joes Point, Mattapoisett and the second boat dock northeast of Hiller Cove Lane, Mattapoisett	0.039	SQUARE MILES	4A
Horseshoe Pond	MA95075	Wareham	59.147	ACRES	3
Kings Pond	MA95078	Plymouth	22.235	ACRES	3
Leonards Pond	MA95080	Rochester	49.397	ACRES	3
Little Bay	MA95-64	From the confluence with the Nasketucket River, Fairhaven south to the confluence with Nasketucket Bay at a line from the southernmost tip of Mirey Neck, Fairhaven (~latitude 41.625702, ~longitide 70.854045) to a point of land near Shore Drive (~latitude 41.621994, ~longitude 70.855415), Fairhaven	0.361	SQUARE MILES	4A
Little Buttermilk Bay	MA95-76	off of Buttermilk Bay, Bourne	0.16	SQUARE MILES	5
Little Long Pond	MA95088	Plymouth	47.692	ACRES	3
Little Long Pond	MA95089	Wareham/Plymouth	12.411	ACRES	3
Little River	MA95-66	Dartmouth	0.18	SQUARE MILES	5
Little Rocky Pond	MA95091	Plymouth	9.453	ACRES	3
Little Sandy Pond	MA95092	Plymouth	28.91	ACRES	3
Little Sippewisset Marsh	MA95-24	From headwater north of Sippewisset Road and west of Maker Lane, Falmouth to the mouth at Buzzards Bay southwest of end of Saconesset Road, Falmouth	0.021	SQUARE MILES	4A
Little West Pond	MA95093	Plymouth	24.546	ACRES	3
Long Duck Pond	MA95095	Plymouth	21.79	ACRES	3

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Long Pond	MA95096	Plymouth	208.287	ACRES	3
Long Pond	MA95097	Rochester	32.363	ACRES	4A
Mare Pond	MA95172	Plymouth	12.543	ACRES	3
Marys Pond	MA95100	Rochester	81.191	ACRES	3
Mattapoisett Harbor	MA95-35	From the mouth of the Mattapoisett River, Mattapoissett to a line drawn from Ned Point to a point of land between Bayview Avenue and Grandview Avenue, Mattapoisett	1.118	SQUARE MILES	4A
Mattapoisett River	MA95-36	Outlet Snipatuit Pond, Rochester to River Road bridge, Mattapoisett.	10.117	MILES	3
Mattapoisett River	MA95-60	From the River Road bridge, Mattapoisett to the mouth at Mattapoisett Harbor, Mattapoisett.	0.048	SQUARE MILES	4A
Megansett Harbor	MA95-19	From the outlet of Squeteague Harbor, Falmouth to Buzzards Bay at a line from the western tip of Scraggy Neck, Bourne south to the tip of Nyes Neck, Falmouth.	1.461	SQUARE MILES	2
Micajah Pond	MA95102	Plymouth	20.215	ACRES	3
Mill Pond	MA95105	Wareham	148.573	ACRES	4C
Nasketucket Bay	MA95-65	From the confluence with Little Bay, Fairhaven to Buzzards Bay along Causeway Road, Fairhaven (on the south) and along a line from the southern tip of Brant Island, Mattapoisett to the eastern tip of West Island, Fairhaven	3.686	SQUARE MILES	4A
Nasketucket River	MA95-67	From outlet of unnamed pond north of Meadow Lane, Fairhaven to confluence with Little Bay, Fairhaven	0.889	MILES	5
New Bedford Inner Harbor	MA95-42	Coggeshall Street Bridge to hurricane barrier, Fairhaven/New Bedford.	1.251	SQUARE MILES	5
New Bedford Reservoir	MA95110	Acushnet	211.384	ACRES	5
New Long Pond	MA95112	Plymouth	20.977	ACRES	2
Noquochoke Lake	MA95113	(Main Basin) Dartmouth	87.945	ACRES	5
Noquochoke Lake	MA95170	(South Basin) Dartmouth	12.814	ACRES	5
Noquochoke Lake	MA95171	(North Basin) Dartmouth	16.711	ACRES	5
Onset Bay	MA95-02	Wareham	0.779	SQUARE MILES	5
Outer New Bedford Harbor	MA95-63	From the hurricane barrier, Fairhaven/New Bedford to a line drawn from Wilbur Point, Fairhaven to Clarks Point, New Bedford (segment changed 6/4/03, formerly reported as MA95-27).	5.789	SQUARE MILES	5
Oyster Pond	MA95927	west of Route 28A, Falmouth.	0.01	SQUARE MILES	4A
Parker Mills Pond	MA95115	Wareham	73.172	ACRES	5
Paskamanset River	MA95-11	Outlet Turners Pond Dartmouth/New Bedford to confluence with Slocums River, Dartmouth.	10.543	MILES	3
Phinneys Harbor	MA95-15	From the confluence with the Back River, to the mouth at Buzzards Bay (demarcated by a line from the southeastern point of Mashnee Island to the northwestern point of Toby Island), Bourne.	0.726	SQUARE MILES	4A
Pocasset Harbor	MA95-17	From the confluence with Red Brook Harbor near the northern portion of Bassetts Island and Patuisset, Bourne to the mouth at Buzzards Bay between the western portion of Bassetts Island and Wings Neck, Bourne	0.332	SQUARE MILES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Pocasset River	MA95-16	From the outlet of Mill Pond, Bourne to the mouth at Buzzards Bay, Bourne.	0.052145	SQUARE MILES	4A
Queen Sewell Pond	MA95180	Bourne (previously reported with PALIS # 96253).	17.614	ACRES	2
Quissett Harbor	MA95-25	The semi-enclosed body of water landward of a line drawn between The Knob and Gansett Point, Falmouth.	0.171	SQUARE MILES	4A
Rands Harbor	MA95-78	harbor south off Megansett Harbor, Falmouth	0.02	SQUARE MILES	5
Red Brook Harbor	MA95-18	From the confluence with Pocasset Harbor between the northern portion of Bassetts Island and Patuisset, Bourne to the mouth at Buzzards Bay between the southern portion of Bassetts Island and Scraggy Neck, Bourne (including Hen Cove).	0.92	SQUARE MILES	4A
Rocky Meadow Brook Pond	MA95118	Carver	10.997	ACRES	3
Rocky Pond	MA95179	Plymouth	20.43	ACRES	3
Round Pond	MA95123	Plymouth	20.167	ACRES	3
Sampson Pond	MA95125	Carver	295.975	ACRES	5
Sand Pond	MA95127	Wareham	14.446	ACRES	3
Sandy Pond	MA95128	Wareham	15.292	ACRES	3
Shingle Island River	MA95-12	Outlet of small unnamed pond northeast of Flag Swamp Road, Dartmouth to inlet Noquochoke Lake (north basin), Dartmouth.	4.995	MILES	3
Sippican Harbor	MA95-69	The waters between a line demarcating the mouth of the harbor (from Converse Point to Butler Point, Marion) and a line from Allens Point, Marion around the southeastern tip of Ram Island, then westerly from the southern tip of Ram Island, to the point of land south of Nyes Wharf, Marion excluding Blanketship Cove and Planting Island Cove (formerly reported as a portion of segment MA95-08).	1.943	SQUARE MILES	4A
Sippican River	MA95-06	Outlet Leonards Pond, Rochester to County Road, Marion/Wareham.	2.941	MILES	5
Sippican River	MA95-07	County Road, Marion/Webster to confluence with Weweantic River, Marion/Wareham.	0.081378	SQUARE MILES	4A
Slocums River	MA95-34	Rock O'Dundee Road (confluence with Paskemanset River), Dartmouth to mouth at Buzzards Bay, Dartmouth.	0.672	SQUARE MILES	5
Snell Creek	MA95-44	Headwaters west of Main Street, Westport to Drift Road, Westport.	1.487208	MILES	4A
Snell Creek	MA95-45	Drift Road, Westport to 'Marcus' Bridge', Westport	0.362	MILES	4A
Snell Creek	MA95-59	'Marcus' Bridge', Westport to confluence with East Branch Westport River, Westport.	0.008	SQUARE MILES	4A
Snipatuit Pond	MA95137	Rochester	644.187	ACRES	4A
South Meadow Brook Pond	MA95139	Carver	24.842	ACRES	3
South Meadow Pond	MA95140	Carver	22.196	ACRES	3
Southwest Atwood Bog Pond	MA95141	Carver	11.597	ACRES	3
Spectacle Pond	MA95142	Wareham	41.48	ACRES	3
Squeteague Harbor	MA95-55	Waters landward of the confluence with Megansett Harbor, Bourne/Falmouth.	0.146	SQUARE MILES	5
Three Cornered Pond	MA95145	Plymouth	12.268	ACRES	3
Tihonet Pond	MA95146	Wareham	86.615	ACRES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Tinkham Pond	MA95148	Mattapoisett/Acushnet	16.619	ACRES	3
Tremont Mill Pond	MA95150	Wareham	30.664	ACRES	4C
Turner Pond	MA95151	New Bedford/Dartmouth	86.005	ACRES	4A
Union Pond	MA95152	Wareham	17.007	ACRES	3
Unnamed Tributary	MA95-57	Outlet Cornell Pond, Dartmouth to confluence with Shingle Island River, Dartmouth.	1.009	MILES	3
Vaughn Pond	MA95153	Carver	19.629	ACRES	2
Wankinco River	MA95-30	Outlet East Head Pond, Carver/Plymouth (follows border through cranberry bogs) to Elm Street bridge, Wareham.	6.526	MILES	3
Wankinco River	MA95-50	From Elm Street, Wareham to the confluence with the Agawam River (at a line between a point south of Mayflower Ridge Drive and a point north of the railroad tracks near Sandwich Road), Wareham.	0.049024	SQUARE MILES	4A
Wareham River	MA95-03	From confluence of Wankinko and Agawam Rivers at Route 6 bridge, Wareham to Buzzards Bay (at an imaginary line from Cromeset Point to curved point east/southeast of Long Beach Point), Wareham. Including Marks Cove, Wareham	1.178	SQUARE MILES	5
West Branch Westport River	MA95-37	Outlet Grays Mill Pond, Adamsville, Rhode Island to mouth at Westport Harbor, Westport.	1.285255	SQUARE MILES	5
West Falmouth Harbor	MA95-22	From the confluence with Harbor Head at Chappaquoit Road, Falmouth to the mouth at Buzzards Bay at a line connecting the ends of the seawalls from Little Island and Chappaquoit Point, Falmouth (including Inner West Falmouth Harbor, Outer West Falmouth Harbor, Snug Harbor, and Mashapaquit Creek).	0.29	SQUARE MILES	4A
Westport River	MA95-54	From the confluences of the East Branch Westport River and the West Branch Westport River to Rhode Island Sound (at a line from the southwestern tip of Horseneck Point to the easternmost point near Westport Light), Westport.	0.74	SQUARE MILES	5
Weweantic River	MA95-04	Outlet of small, unnamed pond at the confluence of Rocky Meadow Brook and South Meadow Brook, Carver to the inlet of Horseshoe Pond, Wareham.	11.322	MILES	2
Weweantic River	MA95-05	Outlet Horseshoe Pond, Wareham to mouth at Buzzards Bay, Marion/Wareham.	0.617	SQUARE MILES	5
White Island Pond	MA95166	(East Basin) Plymouth/Wareham	164.803	ACRES	4A
White Island Pond	MA95173	(West Basin) Plymouth/Wareham	122.074	ACRES	4A
Whites Pond	MA95168	Plymouth	33.713	ACRES	3
Wild Harbor	MA95-20	Falmouth.	0.145	SQUARE MILES	4A
Wild Harbor River	MA95-68	Headwaters, Falmouth to mouth at Wild Harbor, Falmouth.	0.029	SQUARE MILES	5
Cape Cod					
Areys Pond	MA96-70	Orleans	0.02	SQUARE MILES	4A
Ashumet Pond	MA96004	Mashpee/Falmouth	203	ACRES	5
Baker Pond	MA96008	Orleans/Brewster	26	ACRES	4A
Barnstable Harbor	MA96-01	From the mouths of Scorton and Spring creeks, Barnstable east to an imaginary line drawn from Beach Point to the western edge of the Mill Creek estuary, Barnstable.	3.2	SQUARE MILES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

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Bass River	MA96-12	Route 6, Dennis/Yarmouth to mouth at Nantucket Sound, Dennis/Yarmouth (excluding Grand Cove, Dennis).	0.69	SQUARE MILES	5
Bassing Harbor	MA96-48	Excluding Crows Pond and Ryder Cove, Chatham.	0.13	SQUARE MILES	2
Bearse Pond	MA96012	Barnstable	64	ACRES	4A
Boat Meadow River	MA96-15	Headwaters east of old railway grade, Eastham to mouth at Cape Cod Bay, Eastham.	0.05	SQUARE MILES	5
Bournes Pond	MA96-57	west of Central Avenue, Falmouth to Vineyard Sound, including Israels Cove, Falmouth.	0.24	SQUARE MILES	4A
Bucks Creek	MA96-44	Outlet from Harding Beach Pond (locally known as Sulfur Springs), Chatham to confluence with Cockle Cove, Nantucket Sound, Chatham.	0.02	SQUARE MILES	4A
Bumps River	MA96-02	From outlet of pond at Bumps River Road, Barnstable through Scudder Bay to South Main Street bridge (confluence with Centerville River), Barnstable.	0.07	SQUARE MILES	4A
Cedar Pond	MA96-88	Orleans (in Inner Cape Cod Bay ACEC)	0.03	SQUARE MILES	5
Centerville Harbor	MA96-03	From an imaginary line that extends from Dowses Beach, Barnstable to Hyannis Point including all waters north to the shore, Barnstable.	1.46	SQUARE MILES	2
Centerville River	MA96-04	Approximately 300 feet west of Elliot Road, Barnstable to confluence with Centerville Harbor, including East Bay, Barnstable.	0.24	SQUARE MILES	4A
Chase Garden Creek	MA96-35	New Boston Road, Dennis to mouth at Cape Cod Bay, Dennis/Yarmouth.	0.13	SQUARE MILES	4A
Chatham Harbor	MA96-10	Harbor, bounded on the east by the Cape Cod National Seashore, with the northern extent as an imaginary line drawn northeast from northern tip of Strong Island to a point on the inner Cape Cod National Seashore and the western extent as an imaginary line drawn from the southern tip of Strong Island south to Allen Point including the waters south to an imaginary line along the northern edge of the South Beach Bar extending from Chatham Lighthouse to the inlet created by the 1987 storm, Chatham (area associated with Cape Cod National Seashore designated as ORW).	2.85	SQUARE MILES	2
Clapps Pond	MA96035	Provincetown (area associated with Cape Cod National Seashore designated as ORW).	40	ACRES	3
Cliff Pond	MA96039	Brewster	191	ACRES	3
Cockle Cove Creek	MA96-79	Northeast of the bend in Cockle Drive, Chatham to confluence with Bucks Creek, Chatham (2005 orthophotos used to delineate segment).	0.007	SQUARE MILES	4A
Coonamessett River	MA96-69	Headwaters, outlet of Coonamessett Pond, Falmouth to the inlet of Great Pond, Falmouth.	3.4	MILES	3
Cotuit Bay	MA96-63	From North Bay at Point Isabella, Barnstable oceanward to a line extended along Oyster Harbors Beach, Barnstable.	0.85	SQUARE MILES	4A
Crows Pond	MA96-47	To Bassing Harbor, Chatham.	0.19	SQUARE MILES	2
Crystal Lake	MA96050	Orleans	33	ACRES	5
Depot Pond	MA96061	Eastham	26	ACRES	3
Dock Creek	MA96-86	From railroad crossing northeast of Route 6A, Sandwich to confluence with Old Harbor Creek, Sandwich.	0.02	SQUARE MILES	4A

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

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Duck Creek	MA96-32	Source west of Route 6, Wellfleet to Wellfleet Harbor (at a line from Shirttail Point to Taylor Road), Wellfleet.	0.15	SQUARE MILES	4A
Duck Pond	MA96068	Wellfleet	11	ACRES	4A
Dyer Pond	MA96070	Wellfleet	10	ACRES	4A
East Harbor (Pilgrim Lake)	MA96-83	Truro/Provincetown	0.5	SQUARE MILES	4A
Falmouth Inner Harbor	MA96-17	Waters included north of Falmouth Inner Harbor Light, Falmouth.	0.05	SQUARE MILES	2
Flax Pond	MA96090	Dennis	15	ACRES	3
Frost Fish Creek	MA96-49	Outlet from cranberry bog northwest of Stony Hill Road, Chatham to confluence with Ryder Cove, Chatham.	0.01	SQUARE MILES	4A
Goose Pond	MA96106	Chatham	35	ACRES	3
Great Harbor	MA96-18	The waters north of an imaginary line drawn east from Penzance Point to Devils Foot Island and southeast from Devils Foot Island to Juniper Point (excludes Eel Pond), Falmouth.	0.31	SQUARE MILES	4A
Great Pond	MA96114	Truro	17	ACRES	4A
Great Pond	MA96115	Eastham	109	ACRES	5
Great Pond	MA96117	Wellfleet	41	ACRES	4A
Great Pond	MA96-54	From inlet of Coonamessett River, Falmouth to Vineyard Sound (excluding Perch Pond), Falmouth.	0.4	SQUARE MILES	4A
Great River	MA96-60	From inlet of Abigails Brook, Mashpee to Waquoit Bay (excluding Jehu Pond), Mashpee.	0.16	SQUARE MILES	4A
Green Pond	MA96-55	east of Acapesket Road, Falmouth outlet to Vineyard Sound, Falmouth.	0.21	SQUARE MILES	4A
Gull Pond	MA96123	Wellfleet	103	ACRES	3
Halls Creek	MA96-93	Estuarine portion, from Craigville Beach Road, Barnstable to mouth at Centerville Harbor, Barnstable.	0.07	SQUARE MILES	4A
Hamblin Pond	MA96126	Barnstable	114	ACRES	5
Hamblin Pond	MA96-58	From inlet of Red Brook, Falmouth/Mashpee to outlet of Little River, Mashpee and inlet/outlet of Waquoit Bay west of Meadow Neck Road, Falmouth/Mashpee.	0.19	SQUARE MILES	4A
Harding Beach Pond	MA96-43	locally known as Sulfur Springs (northeast of Bucks Creek), Chatham.	0.07	SQUARE MILES	4A
Herring Pond	MA96133	Eastham	42	ACRES	3
Herring Pond	MA96134	Wellfleet	18	ACRES	3
Herring River	MA96-22	Outlet of Herring River Reservoir (at North Harwich Reservoir Dam) west of Bells Neck Road, Harwich to mouth at Nantucket Sound, Harwich.	0.07	SQUARE MILES	4A
Herring River	MA96-33	South of High Toss Road, Wellfleet to Wellfleet Harbor (at an imaginary line drawn due north from the eastern tip of Great Island to the opposite shore), Wellfleet.	0.4	SQUARE MILES	5
Herring River	MA96-67	From outlet of Herring Pond, Wellfleet to south of High Toss Road, Wellfleet.	3.6	MILES	5
Hinckleys Pond	MA96140	Harwich	164	ACRES	2
Horseleach Pond	MA96144	Truro	23	ACRES	4A
Hoxie Pond	MA96146	Sandwich	8	ACRES	3

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Hyannis Harbor	MA96-05	The waters from the shoreline to an imaginary line drawn from the light at the end of Hyannis breakwater, Barnstable to the point west of Dunbar Point, Barnstable.	0.68	SQUARE MILES	4A
Hyannis Inner Harbor	MA96-82	Waters landward of an imaginary line drawn from Harbor Bluff, Barnstable to Hyannis Park, Yarmouth.	0.13	SQUARE MILES	5
Jehu Pond	MA96-59	Mashpee.	0.09	SQUARE MILES	4A
Johns Pond	MA96157	Mashpee	316	ACRES	4A
Kinnacum Pond	MA96163	Wellfleet	2	ACRES	3
Lake Elizabeth	MA96080	Barnstable	6	ACRES	3
Lawrence Pond	MA96165	Sandwich	138	ACRES	4A
Lewis Bay	MA96-36	Includes portion of Pine Island Creek and Uncle Roberts Cove to confluence with Nantucket Sound, Barnstable/Yarmouth (excluding Hyannis Inner Harbor, Barnstable/Yarmouth and Mill Creek, Yarmouth).	1.79	SQUARE MILES	5
Little Harbor	MA96-19	The waters north of an imaginary line drawn from Juniper Point, Falmouth east to Nobska Beach, Falmouth.	0.07	SQUARE MILES	4A
Little Namskaket Creek	MA96-26	Source to mouth at Cape Cod Bay, Orleans.	0.01	SQUARE MILES	4A
Little Pleasant Bay	MA96-78	Waters north and east of imaginary lines drawn from the northeasterly edge of Orleans (near The Horseshoe), southeasterly to the northeastern tip of Sipson Island, then continuing to and around the northeastern border of Sipson Meadow, Orleans then south to the northern tip of Strong Island, Chatham then east to a point on the inner Cape Cod National Seashore (excluding the delineated segments; The River, Pochet Neck, and Paw Wah Pond).	3.3	SQUARE MILES	4A
Little Pond	MA96-56	west of Vista Boulevard, Falmouth outlet to Vineyard Sound, Falmouth.	0.07	SQUARE MILES	4A
Little River	MA96-61	From outlet of Hamblin Pond, Mashpee to the Great River, Mashpee.	0.02	SQUARE MILES	4A
Long Pond	MA96179	Wellfleet	35	ACRES	4A
Long Pond	MA96180	Yarmouth	54	ACRES	3
Long Pond	MA96183	Brewster/Harwich	715	ACRES	5
Long Pond	MA96184	Barnstable	48	ACRES	4C
Lovells Pond	MA96185	Barnstable	54	ACRES	5
Lovers Lake	MA96186	Chatham	37	ACRES	5
Lower Mill Pond	MA96188	Brewster	44	ACRES	5
Maraspin Creek	MA96-06	From Commerce Road, Barnstable to confluence with Barnstable Harbor at Blish Point, Barnstable.	0.03	SQUARE MILES	4A
Mashpee Pond	MA96194	Mashpee/Sandwich	377	ACRES	4A
Mashpee River	MA96-24	Quinaquisset Avenue, Mashpee to mouth at Shoestring Bay (formerly to mouth at Popponesset Bay), Mashpee.	0.08	SQUARE MILES	4A
Mashpee River	MA96-89	Headwaters, outlet Mashpee Pond, Mashpee to Quinaquisset Avenue, Mashpee.	2.7	MILES	2
Middle Pond	MA96198	Barnstable	104	ACRES	5
Mill Creek	MA96-37	From Keveney Lane/Mill Lane, Barnstable/Yarmouth north to confluence with	0.03	SQUARE	4A

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
		Cape Cod Bay, Barnstable/Yarmouth.		MILES	
Mill Creek	MA96-41	Outlet of Taylors Pond, Chatham to confluence with Cockle Cove, Chatham.	0.03	SQUARE MILES	4A
Mill Creek	MA96-80	Headwaters, outlet Mill Pond, Yarmouth to confluence with Lewis Bay, Yarmouth.	0.07	SQUARE MILES	5
Mill Creek	MA96-85	Headwaters, outlet Shawme Lake Lower, Sandwich to confluence with Old Harbor Creek, Sandwich.	0.02	SQUARE MILES	4A
Mill Pond	MA96-52	including Little Mill Pond (PALIS # 96174), Chatham.	0.06	SQUARE MILES	4A
Miss Thachers Pond	MA96258	Yarmouth	6	ACRES	3
Muddy Creek	MA96-51	Source south of Countryside Drive and north-northeast of Old Queen Anne Road, Chatham to mouth at Pleasant Bay, Harwich/Chatham, including Upper and Lower reaches.	0.05	SQUARE MILES	4A
Mystic Lake	MA96218	Barnstable	146	ACRES	5
Namequoit River	MA96-71	Headwaters, outlet Areys Pond, Orleans to confluence with The River, Orleans.	0.06	SQUARE MILES	4A
Namskaket Creek	MA96-27	Source west of Route 6, Orleans to mouth at Cape Cod Bay, Brewster/Orleans.	0.03	SQUARE MILES	4A
Nauset Harbor	MA96-28	The waters south of an imaginary line drawn east from Woods Cove, Orleans around the southern point of Stony Island, around the southern end of the unnamed island in the harbor, to the Cape Cod National Seashore point, excluding Mill Pond, Orleans (area associated with Cape Cod National Seashore designated as ORW).	0.41	SQUARE MILES	2
North Bay	MA96-66	From Fox Island to just south of Bridge Street and separated from Cotuit Bay at a line from Point Isabella, Barnstable southward to the opposite shore (including Dam Pond), Barnstable.	0.47	SQUARE MILES	4A
Nye Pond	MA96228	Sandwich	6	ACRES	3
Old Harbor Creek	MA96-84	From Foster Road, Sandwich to Sandwich Harbor, Sandwich.	0.06	SQUARE MILES	4A
Oyster Pond	MA96-45	Including Stetson Cove, Chatham.	0.21	SQUARE MILES	4A
Oyster Pond	MA96-62	east of Fells Road, Falmouth.	0.1	SQUARE MILES	4A
Oyster Pond River	MA96-46	Outlet of Oyster Pond, Chatham to confluence with Stage Harbor, Chatham.	0.14	SQUARE MILES	4A
Pamet River	MA96-31	Tidegate at Route 6A, Truro to mouth at Cape Cod Bay (including Pamet Harbor), Truro.	0.14	SQUARE MILES	4A
Parkers River	MA96-38	Outlet Seine Pond, Yarmouth to mouth at Nantucket Sound, Yarmouth.	0.04	SQUARE MILES	4A
Paw Wah Pond	MA96-72	Orleans	0.008	SQUARE MILES	4A
Perch Pond	MA96-53	Connects to northwest end of Great Pond, west of Keechipam Way, Falmouth.	0.03	SQUARE MILES	4A
Peters Pond	MA96244	Sandwich	123	ACRES	4A
Pilgrim Lake	MA96246	Orleans	38	ACRES	3

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Pleasant Bay	MA96-77	The waters between the mouth of Muddy Creek, Harwich and imaginary lines drawn from the northeastern edge of Orleans (near The Horseshoe), southeasterly to the northeastern tip of Sipson Island, then continuing to and around the northeastern border of Sipson Meadow, Orleans then south to the northern tip of Strong Island, Chatham and from the southeastern tip of Strong Island to Allen Point, Chatham (excluding the delineated segments; Bassing Harbor, Round Cove and Quanset Pond).	2.88	SQUARE MILES	4A
Pochet Neck	MA96-73	to confluence with Little Pleasant Bay, Orleans.	0.24	SQUARE MILES	4A
Popponesset Bay	MA96-40	From line connecting Ryefield Point, Barnstable and Punkhorn Point, Mashpee to inlet of Nantucket Sound (including Ockway Bay and Pinquickset Cove), Mashpee/Barnstable.	0.68	SQUARE MILES	4A
Popponesset Creek	MA96-39	All waters west of Popponesset Island (from Popponesset Island Road bridge at the north to a line extended from the southeastern most point of the island southerly to Popponesset Beach), Mashpee.	0.05	SQUARE MILES	5
Prince Cove	MA96-07	Includes areas east of Prince Cove which are locally known as "Warren Cove" and "Prince Cove Channel", Barnstable.	0.14	SQUARE MILES	4A
Provincetown Harbor	MA96-29	The waters northwest of an imaginary line drawn northeasterly from the tip of Long Point, Provincetown to Beach Point Beach, Truro (area associated with Cape Cod National Seashore designated as ORW).	4.33	SQUARE MILES	4A
Quanset Pond	MA96-74	Orleans.	0.02	SQUARE MILES	4A
Quashnet River	MA96-20	Just south of Route 28, Falmouth to mouth at Waquoit Bay, Falmouth. Also known as Moonakis River.	0.07	SQUARE MILES	4A
Quashnet River	MA96-90	Headwaters, outlet Johns Pond, Mashpee to just south of Route 28, Falmouth.	4.1	MILES	2
Quivett Creek	MA96-09	Outlet of unnamed pond just south of Route 6A, Brewster/Dennis to the mouth at Cape Cod Bay, Brewster/Dennis.	0.04	SQUARE MILES	4A
Red Brook	MA96-25	From dam at Red Brook Road, Falmouth/Mashpee to Hamblin Pond, Falmouth/Mashpee.	0.01	SQUARE MILES	2
Red Lily Pond	MA96257	Barnstable	4	ACRES	5
Rock Harbor Creek	MA96-16	Outlet Cedar Pond, Orleans to mouth at Cape Cod Bay, Eastham/Orleans.	0.03	SQUARE MILES	4A
Round Cove	MA96-75	Harwich.	0.02	SQUARE MILES	4A
Round Pond (East)	MA96260	Truro	6	ACRES	4A
Round Pond (West)	MA96261	Truro	2	ACRES	4A
Rushy Marsh Pond	MA96266	Barnstable	14	ACRES	3
Ryder Cove	MA96-50	Chatham	0.19	SQUARE MILES	4A
Ryder Pond	MA96268	Truro	18	ACRES	5
Santuit Pond	MA96277	Mashpee	164	ACRES	5
Santuit River	MA96-91	Headwaters, outlet Santuit Pond, Mashpee to confluence with tidal portion south of Old Mill Road, Mashpee.	1.6	MILES	2

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Santuit River	MA96-92	From confluence with fresh water portion south of Old Mill Road, Mashpee to mouth at Shoestring Bay, Mashpee/Barnstable.	0.008	SQUARE MILES	4A
Saquatucket Harbor	MA96-23	South of Route 28, Harwich to confluence with Nantucket Sound, Harwich.	0.02	SQUARE MILES	4A
Scargo Lake	MA96279	Dennis	54	ACRES	3
Schoolhouse Pond	MA96281	Chatham	20	ACRES	3
Scorton Creek	MA96-30	Jones Lane, Sandwich to mouth at Cape Cod Bay, Sandwich.	0.03	SQUARE MILES	4A
Seapuit River	MA96-64	south of Osterville Grand Island, Barnstable to Cotuit Bay and West Bay, Barnstable.	0.06	SQUARE MILES	4A
Sesuit Creek	MA96-13	Approximately 625 feet east of Route 6A, Dennis to mouth at Sesuit Harbor, Cape Cod Bay, Dennis.	0.01	SQUARE MILES	4A
Shallow Pond	MA96285	Barnstable	76	ACRES	3
Shawme Lake Lower	MA96288	Sandwich	25	ACRES	5
Sheep Pond	MA96289	Brewster	138	ACRES	4A
Shoestring Bay	MA96-08	Quinaquisset Avenue, Mashpee/Barnstable to Popponesset Bay (line from Ryefield Point, Barnstable to Punkhorn Point, Mashpee, including Gooseberry Island), Barnstable/Mashpee.	0.31	SQUARE MILES	4A
Shubael Pond	MA96293	Barnstable	55	ACRES	3
Slough Pond	MA96298	Truro	29	ACRES	4A
Snake Pond	MA96302	Sandwich	81	ACRES	4A
Snow Pond	MA96303	Truro	7	ACRES	4A
Snows Creek	MA96-81	East of Old Colony Road, Barnstable to mouth at Lewis Bay, Barnstable.	0.02	SQUARE MILES	4A
Spectacle Pond	MA96306	Wellfleet	2	ACRES	4A
Spectacle Pond	MA96307	Sandwich	93	ACRES	4A
Springhill Creek	MA96-87	From railroad crossing northeast of Route 6A, Sandwich to confluence with Old Harbor Creek, Sandwich.	0.01	SQUARE MILES	4A
Stage Harbor	MA96-11	From the outlet of Mill Pond, Chatham (including Mitchell River) to the confluence with Nantucket Sound at a line from the southernmost point of Harding Beach southeast to the Harding Beach Point , Chatham.	0.56	SQUARE MILES	4A
Stewarts Creek	MA96-94	Estuarine portion west of Stetson Street, Barnstable to mouth at Hyannis Harbor, Barnstable.	0.01	SQUARE MILES	4A
Stillwater Pond	MA96309	Chatham	18	ACRES	5
Swan Pond River	MA96-14	Headwaters, outlet Swan Pond, Dennis to confluence with Nantucket Sound, Dennis.	0.04	SQUARE MILES	5
Taylors Pond	MA96-42	Chatham	0.02	SQUARE MILES	4A
The River	MA96-76	The water landward of an imaginary line drawn between Old Field Point and Namequoit Point including Meetinghouse Pond, and Kescayo Gansett Pond locally known as "Lonnies Pond", Orleans (excluding the delineated segments; Namequoit River and Areys Pond).	0.42	SQUARE MILES	4A

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Town Cove	MA96-68	Entire cove to Nauset Harbor, including Rachael Cove and Woods Cove, Orleans/Eastham (area associated with Cape Cod National Seashore designated as ORW).	0.79	SQUARE MILES	5
Upper Mill Pond	MA96324	Brewster	249	ACRES	2
Upper Shawme Lake	MA96326	Sandwich	21	ACRES	5
Village Pond	MA96329	Truro	2	ACRES	3
Wakeby Pond	MA96346	Mashpee/Sandwich	353	ACRES	4A
Walkers Pond	MA96331	Brewster	100	ACRES	5
Waquoit Bay	MA96-21	From mouths of Seapit River, Quashnet River (also known as Moonakis River), Falmouth and Great River, Mashpee to confluence with Vineyard Sound, Falmouth/Mashpee.	1.42	SQUARE MILES	5
Wellfleet Harbor	MA96-34	The waters north of an imaginary line drawn east from the southern tip of Jeremy Point, Wellfleet to Sunken Meadow, Eastham excluding the estuaries of Herring River, Duck Creek, Blackfish Creek, and Fresh Brook, Wellfleet (area associated with Cape Cod National Seashore designated as ORW).	8.4	SQUARE MILES	2
Wequaquet Lake	MA96333	Barnstable	576	ACRES	4A
West Bay	MA96-65	South of the Bridge Street bridge, Barnstable to Nantucket Sound including Eel River, Barnstable.	0.52	SQUARE MILES	4A
Charles					
Alder Brook	MA72-22	Headwaters northwest of the Route 135 and South Street intersection, Needham to the confluence with the Charles River, Needham.	0.282	MILES	5
Beaver Brook	MA72-12	Headwaters, outlet Beaver Pond, Bellingham to the confluence with the Charles River, Bellingham.	1.413	MILES	5
Beaver Brook	MA72-28	Headwaters, north of Route 2, Lexington through culverting to Charles River, Waltham.	5.535	MILES	5
Beaver Pond	MA72004	Bellingham/Milford	86.679	ACRES	4A
Beaver Pond	MA72006	Franklin	31.789	ACRES	4C
Bogastow Brook	MA72-16	Headwaters, outlet Factory Pond, Holliston to inlet South End Pond, Millis.	9.492	MILES	4A
Brookline Reservoir	MA72010	Brookline	21.111	ACRES	3
Bulloughs Pond	MA72011	Newton	6.887	ACRES	5
Cambridge Reservoir	MA72014	Waltham/Lincoln/Lexington	532.011	ACRES	3
Cambridge Reservoir, Upper Basin	MA72156	Lincoln/Lexington	43.998	ACRES	5
Cedar Swamp Pond	MA72016	locally known as "Milford Pond", Milford	98.978	ACRES	4A
Chandler Pond	MA72017	Boston	11.394	ACRES	5
Charles River	MA72-01	Headwaters, outlet Echo Lake, Hopkinton to Dilla Street (just upstream of Cedar Swamp Pond), Milford.	2.482	MILES	4A
Charles River	MA72-03	Milford WWTF discharge, Hopedale to outlet Box Pond (formerly segment MA72008), Bellingham.	3.374	MILES	5
Charles River	MA72-04	Outlet Box Pond, Bellingham to inlet Populatic Pond, Norfolk/Medway.	11.457	MILES	5
Charles River	MA72-05	Outlet Populatic Pond, Norfolk/Medway to South Natick Dam, Natick.	18.078	MILES	5
Charles River	MA72-06	South Natick Dam, Natick to Chestnut Street, Needham/Dover.	8.356	MILES	5
Charles River	MA72-07	Chestnut Street, Needham to Watertown Dam, Watertown.	24.774	MILES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Charles River	MA72-33	Outlet Cedar Swamp Pond, Milford to the Milford WWTF discharge, Hopedale (formerly part of segment MA72-02).	2.037	MILES	4A
Charles River	MA72-36	Watertown Dam, Watertown to the Boston University Bridge, Boston/Cambridge (formerly part of segment MA72-08).	6.052	MILES	5
Charles River	MA72-38	Boston University Bridge, Boston/Cambridge to the New Charles River Dam, Boston (formerly part of segment MA72-08).	3.092	MILES	5
Cheese Cake Brook	MA72-29	Emerges south of Route 16, Newton to confluence with the Charles River, Newton.	1.416	MILES	4A
Chestnut Hill Reservoir	MA72023	Boston	82.253	ACRES	3
Chicken Brook	MA72-34	Source, outlet Waseeka Sanctuary Pond, Holliston to the confluence with the Charles River, Medway.	7.407	MILES	2
Crystal Lake	MA72030	Newton	27.273	ACRES	3
Dug Pond	MA72034	Natick	50.191	ACRES	4C
Echo Lake	MA72035	Milford/Hopkinton	72.335	ACRES	4A
Factory Pond	MA72037	Holliston	9.699	ACRES	4A
Farm Pond	MA72039	Sherborn	125.03	ACRES	2
Franklin Reservoir Northeast	MA72095	Franklin	21.03	ACRES	4A
Franklin Reservoir Southwest	MA72032	Franklin	13.12	ACRES	4A
Fuller Brook	MA72-18	Headwater south of Route 135, Needham to confluence with Waban Brook, Wellesley.	4.282	MILES	5
Halls Pond	MA72043	Brookline	0.57	ACRES	3
Hammond Pond	MA72044	Newton	22.382	ACRES	2
Hardys Pond	MA72045	Waltham	42.769	ACRES	4A
Hopping Brook	MA72-35	Source in Cedar Swamp, Holliston to the confluence with the Charles River, Bellingham/Medway.	4.863	MILES	2
Houghton Pond	MA72050	Holliston	17.521	ACRES	4A
Jamaica Pond	MA72052	Boston	66.734	ACRES	5
Jennings Pond	MA72053	Natick	7.428	ACRES	2
Kendrick Street Pond	MA72055	Needham	39.264	ACRES	5
Kingsbury Pond	MA72056	Norfolk	15.36	ACRES	4C
Lake Archer	MA72002	Wrentham	77.118	ACRES	4C
Lake Pearl	MA72092	Wrentham	236.692	ACRES	4A
Lake Waban	MA72125	Wellesley	108.997	ACRES	4C
Lake Winthrop	MA72140	Holliston	131.341	ACRES	5
Linden Pond	MA72063	Holliston	1.399	ACRES	4A
Little Farm Pond	MA72064	Sherborn	23.801	ACRES	3
Louisa Lake	MA72068	Milford	7.772	ACRES	3
Lymans Pond	MA72070	Dover	4.395	ACRES	4A
Mill River	MA72-15	Headwaters, outlet Bush Pond, Norfolk to confluence with the Charles River, Norfolk.	3.47	MILES	5
Mine Brook	MA72-14	Headwaters in Franklin State Forest, Franklin to the confluence with the Charles River, Franklin (through Mine Brook Pond, formerly segment MA72077).	8.942	MILES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Mirror Lake	MA72078	Wrentham/Norfolk	61.55	ACRES	4A
Morses Pond	MA72079	Wellesley/Natick	111.817	ACRES	4C
Muddy River	MA72-11	Headwaters, outlet Ward Pond in Olmstead Park, Boston through Leverett Pond, Boston/Brookline to confluence with Charles River, Boston.	3.6	MILES	5
Noannet Pond	MA72084	Westwood/Dover	49.71	ACRES	4C
Nonesuch Pond	MA72085	Natick/Weston	38.78	ACRES	4C
Norumbega Reservoir	MA72086	[North Basin] Weston	13.643	ACRES	3
Norumbega Reservoir	MA72087	[South Basin] Weston	38.41	ACRES	3
Populatic Pond	MA72096	Norfolk	41.911	ACRES	5
Powissett Brook	MA72-20	Headwaters, outlet Noannet Pond, Westwood to confluence with Charles River, Dover.	1.849	MILES	5
Rock Meadow Brook	MA72-21	Headwaters in Fisher Meadow, Westwood through Stevens Pond and Lee Pond, Westwood to confluence with Charles River, Dedham.	3.771	MILES	5
Rosemary Brook	MA72-25	Headwaters, outlet Rosemary Lake, Needham to confluence with the Charles River, Wellesley.	3.266	MILES	4A
Sandy Pond	MA72105	Lincoln	157.108	ACRES	3
Sawmill Brook	MA72-23	Headwaters, Newton to confluence with Charles River, Boston.	2.397	MILES	5
Scarboro Golf Course Pond	MA72107	Boston	6.107	ACRES	4C
South End Pond	MA72109	Millis	29.525	ACRES	3
South Meadow Brook	MA72-24	From emergence west of Parker Street, Newton to confluence with the Charles River, Newton (sections culverted).	1.706	MILES	4A
Stony Brook	MA72-26	Headwaters, outlet Beaver Pond, Lincoln to inlet Stony Brook Reservoir, Waltham/Weston.	5.122	MILES	2
Stony Brook	MA72-37	Outlet Turtle Pond, Boston to culvert entrance, Boston.	1.62	MILES	3
Stony Brook Reservoir	MA72114	Waltham/Weston	63.58	ACRES	3
Stop River	MA72-09	Headwaters near Dedham Street (Route 1A), Wrentham to Norfolk-Walpole MCI discharge, Norfolk (through Highland Lake formerly segment MA72047).	5.566	MILES	5
Stop River	MA72-10	Norfolk-Walpole MCI discharge, Norfolk to confluence with Charles River, Medfield.	4.168	MILES	5
Todd Pond	MA72117	Lincoln	9.257	ACRES	3
Trout Brook	MA72-19	Headwaters, outlet Channings Pond, Dover to confluence with Charles River, Dover.	2.772	MILES	5
Uncas Pond	MA72122	Franklin	17.3	ACRES	4A
Unnamed Tributary	MA72-27	Headwaters, outlet Stony Brook Reservoir, Waltham/Weston to confluence with the Charles River, Waltham/Weston.	0.191	MILES	4C
Unnamed Tributary	MA72-30	Locally known as Laundry Brook - emerges north of California Street, Watertown to the confluence with the Charles River, Watertown.	0.023	MILES	5
Unnamed Tributary	MA72-31	Locally known as "Millers River" - from emergence near Route 93, Cambridge/Boston to the confluence with the Charles River, Cambridge.	0.207	MILES	5
Unnamed tributary	MA72-32	Locally known as Sawins Brook - emerges east of Elm Street, Watertown to confluence with the Charles River, Watertown (sections culverted).	0.539	MILES	4A
Waban Brook	MA72-17	Headwaters, outlet Lake Waban, Wellesley to confluence with the Charles River, Wellesley.	0.717	MILES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Walker Pond	MA72126	Millis	9.008	ACRES	3
Waseeka Sanctuary Pond	MA72155	Holliston	17.053	ACRES	3
Weld Pond	MA72131	Dedham	26.786	ACRES	2
Weston Reservoir	MA72134	Weston	58.655	ACRES	3
Weston Station Pond	MA72135	Weston	37.666	ACRES	3
Chicopee					
Abbey Brook	MA36-40	Headwaters west of Saint James Avenue, Springfield through Bemis Pond (formely reported as segment MA36011) to the confluence with the Chicopee River, Chicopee.	1.5	MILES	5
Adams Pond	MA36001	Oakham	30	ACRES	3
Alden Pond	MA36003	Ludlow	4	ACRES	5
Asnacomet Pond	MA36005	Hubbardston	126	ACRES	3
Atherton Brook	MA36-30	Headwaters at confluence of Town Farm and Osgood Brooks, Shutesbury to mouth at Quabbin Reservoir, Pelham.	1.9	MILES	2
Beaver Lake	MA36010	Ware	150	ACRES	4C
Bemis Road Pond	MA36012	Hubbardston	16	ACRES	3
Bennett Street Pond	MA36014	Palmer	6	ACRES	3
Bickford Pond	MA36015	Hubbardston/Princeton	163	ACRES	3
Brigham Pond	MA36020	Hubbardston	45	ACRES	3
Brookhaven Lake	MA36021	West Brookfield	34	ACRES	5
Brooks Pond	MA36022	Petersham	86	ACRES	3
Brooks Pond	MA36023	N.Brookfield/New Braintree/Spencer/Oakham	179	ACRES	4C
Browning Pond	MA36025	Oakham/Spencer	106	ACRES	4A
Burnshirt River	MA36-37	Headwaters - Outlet Stone Bridge Pond, Templeton/Phillipston to confluence with Canesto Brook, Barre. (through Williamsville Pond formerly segment MA36167)	8.6	MILES	2
Cadwell Creek	MA36-29	Headwaters east of Route 202 and northwest of Dodge Hill, Pelham to mouth at Quabbin Reservoir, Belchertown.	3.2	MILES	2
Calkins Brook	MA36-26	Headwaters, southeast of Baptist Hill, Palmer to confluence with Twelvemile Brook, Wilbraham.	2.7	MILES	3
Canesto Brook	MA36-36	Headwaters northwest of Hubbardston State Forest near Hubbardston/Templeton town line to confluence with Ware River, Barre.	7.3	MILES	2
Carter Pond	MA36029	Petersham	44	ACRES	3
Chicopee Brook	MA36-21	Headwaters, east of Peaked Mountain, Monson (through Chicopee Brook Pond, formerly segment MA36031) to confluence with Quaboag River, Monson.	9.9	MILES	3
Chicopee Reservoir	MA36033	Chicopee	22	ACRES	3
Chicopee River	MA36-22	Source, confluence of Ware River and Quaboag River, Palmer (through Red Bridge Impoundment formerly segment MA36171) to Red Bridge Impoundment Dam, Wilbraham/Ludlow.	2.8	MILES	5
Chicopee River	MA36-23	Red Bridge Impoundment Dam, Wilbraham/Ludlow to Wilbraham Pumping Station (old WWTP), Wilbraham/Ludlow.	3.8	MILES	2
Chicopee River	MA36-24	Wilbraham Pumping Station (old WWTP), Wilbraham/Ludlow to Chicopee Falls Dam, Chicopee.	9.1	MILES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Chicopee River	MA36-25	Chicopee Falls Dam, Chicopee to confluence with Connecticut River, Chicopee.	3	MILES	5
Cloverdale Street Pond	MA36036	Rutland	19	ACRES	3
Comins Pond	MA36037	Warren	26	ACRES	3
Conant Brook Reservoir	MA36038	Monson	4	ACRES	2
Cooley Brook	MA36-38	From the outlet of Chicopee Reservoir, Chicopee to the confluence with the Chicopee River, Chicopee. (segment includes "braid" that confluences with the Chicopee River upstream of the mouth of Cooley Brook)	1.2	MILES	2
Cranberry Meadow Pond	MA36040	Spencer/Charlton	69	ACRES	3
Cranberry River	MA36-20	Source, outlet Cranberry Meadow Pond, Spencer to confluence with Sevenmile River, Spencer. (through Howe Pond formerly segment MA36073)	3.6	MILES	2
Crystal Lake	MA36043	Palmer	16	ACRES	3
Cunningham Pond	MA36044	Hubbardston	27	ACRES	3
Cusky Pond	MA36045	New Braintree	28	ACRES	3
Dean Pond	MA36049	Brimfield/Monson	10	ACRES	4C
Dean Pond	MA36050	Oakham	64	ACRES	5
Demond Pond	MA36051	Rutland	120	ACRES	3
Dimmock Pond	MA36053	Springfield	9	ACRES	3
Doane Pond	MA36054	North Brookfield	28	ACRES	5
Dunn Brook	MA36-19	From confluence with Forget-Me-Not Brook, East Brookfield/Brookfield to confluence with Quaboag River, Brookfield.	2.4	MILES	2
Eames Pond	MA36056	Paxton	58	ACRES	5
East Branch Swift River	MA36-35	Headwaters at the confluence of Shattuck and Popple Camp Brooks, Phillipston to mouth at Pottapaug Pond, Petersham. (through Connor Pond formerly segment MA36039)	9.8	MILES	2
East Branch Ware River	MA36-01	Outlet Bickford Pond, Hubbardston to confluence with the West Branch Ware River, Barre.	12.4	MILES	5
East Brookfield River	MA36-13	Outlet Lake Lashaway, East Brookfield to Quaboag Pond, East Brookfield.	2.4	MILES	5
Edson Pond	MA36180	Rutland	36	ACRES	3
Fivemile Pond	MA36061	Springfield	36	ACRES	3
Fivemile Pond South	MA36182	Springfield	4	ACRES	3
Forest Lake	MA36063	Palmer	45	ACRES	4C
Forget-Me-Not Brook	MA36-18	Headwaters, North Brookfield to North Brookfield WWTP discharge, North Brookfield.	1.7	MILES	2
Forget-Me-Not- Brook	MA36-28	North Brookfield WWTP discharge, North Brookfield to confluence with Dunn Brook, East Brookfield/Brookfield.	1.3	MILES	5
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	5
Gaston Pond	MA36065	Barre	15	ACRES	3
Hardwick Pond	MA36066	Hardwick	67	ACRES	4C
Haviland Pond	MA36069	Ludlow	25	ACRES	3
Higher Brook	MA36-42	Headwaters south of Route 21, Ludlow through Harris Pond (formely reported as segment MA36067) to the Ludlow/Chicopee corporate boundary where the stream name changes to Fuller Brook.	6.3	MILES	2

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Hop Brook	MA36-32	Headwaters upstream of West Street, New Salem to mouth at Quabbin Reservoir, New Salem.	3.7	MILES	2
Horse Pond	MA36072	North Brookfield	63	ACRES	3
Knights Pond	MA36077	Belchertown	36	ACRES	3
Lake Lashaway	MA36079	North Brookfield/East Brookfield	274	ACRES	4A
Lake Lorraine	MA36084	Springfield	28	ACRES	4C
Lake Whittemore	MA36165	Spencer	52	ACRES	5
Long Pond	MA36082	Rutland	167	ACRES	4C
Long Pond	MA36083	Springfield	14	ACRES	4A
Lovewell Pond	MA36085	Hubbardston	82	ACRES	3
Mare Meadow Reservoir	MA36090	Westminster/Hubbardston	240	ACRES	3
Mare Meadow Reservoir North	MA36178	Westminster	38	ACRES	3
Middle Branch Swift River	MA36-33	Headwaters just north of Wendell and New Salem State Forests (south of the Swift River School), Wendell to mouth at Quabbin Reservoir, New Salem.	6.9	MILES	2
Minechoag Pond	MA36093	Ludlow	21	ACRES	4A
Mona Lake	MA36094	Springfield	11	ACRES	4A
Moose Hill Reservoir	MA36179	Spencer/Leicester	52	ACRES	3
Moosehorn Pond	MA36097	Hubbardston	67	ACRES	4C
Moulton Pond	MA36098	Rutland	65	ACRES	3
Muddy Pond	MA36102	Oakham/Rutland	23	ACRES	3
Murphy Pond	MA36103	Ludlow	6	ACRES	3
Old Reservoir	MA36114	Barre	37	ACRES	4C
Palmer Reservoir	MA36115	Palmer	8	ACRES	3
Paradise Lake	MA36116	Monson	17	ACRES	3
Pattaquattic Pond	MA36117	Palmer	18	ACRES	3
Peppers Mill Pond	MA36121	Ware	11	ACRES	3
Perry Hill Pond	MA36122	Hubbardston	23	ACRES	3
Pottapaug Pond	MA36125	Petersham/Hardwick	568	ACRES	4A
Prince River	MA36-08	Source, outlet Hemingway Pond, Barre to confluence with Ware River, Barre (excluding approximately 0.6 miles through Old Reservoir, segment MA36114).	7.1	MILES	3
Quabbin Reservoir	MA36129	Petersham/Pelham/Ware/Hardwick/Shutesbury/Belchertown/New Salem	24012	ACRES	4A
Quaboag Pond	MA36130	Brookfield/East Brookfield	544	ACRES	5
Quaboag River	MA36-14	Outlet of Quaboag Pond, Brookfield to Route 67 bridge, West Brookfield.	6.1	MILES	2
Quaboag River	MA36-15	Route 67 bridge, West Brookfield to Warren WWTP discharge, Warren.	6.3	MILES	2
Quaboag River	MA36-16	Warren WWTP discharge, Warren to Route 32 bridge, Palmer/Monson.	8.7	MILES	5
Quaboag River	MA36-17	Route 32 bridge, Palmer/Monson to confluence with Ware River forming headwaters of Chicopee River, Palmer.	5.3	MILES	5
Quacumquasit Pond	MA36131	Brookfield/East Brookfield/Sturbridge	223	ACRES	4A
Queen Lake	MA36132	Phillipston	139	ACRES	3
Sevenmile River	MA36-11	Source, outlet Browning Pond, Spencer to confluence with Cranberry River, Spencer.	7.3	MILES	2

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Sevenmile River	MA36-12	Confluence with Cranberry River, Spencer to confluence with East Brookfield River, East Brookfield.	2.5	MILES	2
Shaw Pond	MA36138	Leicester	64	ACRES	3
Spectacle Pond	MA36142	Wilbraham	9	ACRES	4A
Springfield Reservoir	MA36145	Ludlow	393	ACRES	3
Stone Bridge Pond	MA36148	Templeton	32	ACRES	3
Sugden Reservoir	MA36150	Spencer	85	ACRES	4A
Swift River	MA36-09	Winsor Dam, Belchertown to Upper Bondsville Mill Dam, Belchertown/Palmer.	5.6	MILES	2
Swift River	MA36-10	Upper Bondsville Mill Dam, Belchertown/Palmer to confluence with Ware River, Palmer.	3.9	MILES	2
Thayer Pond	MA36181	Rutland	46	ACRES	3
Thompson Lake	MA36154	Palmer	34	ACRES	3
Thompsons Pond	MA36155	Spencer	116	ACRES	3
Town Barn Beaver Pond	MA36156	Petersham	20	ACRES	3
Turkey Hill Pond	MA36157	Rutland/Paxton	90	ACRES	4C
Unnamed tributary	MA36-39	Unnamed tributary to the Chicopee River locally known as "Poor Brook" from headwaters near the Conrail tracks, Springfield to the confluence with the Chicopee River, Chicopee.	2.2	MILES	5
Waite Pond	MA36161	Hubbardston	34	ACRES	3
Ware River	MA36-03	MDC intake, Barre to dam at South Barre Reservoir, Barre. (through former segments Powder Mill Pond MA36126 and South Barre Reservoir MA36141)	2.1	MILES	5
Ware River	MA36-04	Dam at South Barre Reservoir, Barre to Wheelwright Dam, New Braintree/Hardwick.	4.9	MILES	2
Ware River	MA36-05	Wheelwright Dam, New Braintree/Hardwick to Ware Dam, Ware.	11.5	MILES	5
Ware River	MA36-06	Ware Dam, Ware to Thorndike Dam, Palmer.	10.1	MILES	5
Ware River	MA36-07	Thorndike Dam, Palmer to confluence with Quaboag River, forming headwaters Chicopee River, Palmer.	2.5	MILES	2
Ware River	MA36-27	Confluence of East Branch Ware and West Branch Ware rivers, Barre to MDC intake, Barre.	4.9	MILES	5
West Branch Fever Brook	MA36-34	Headwaters just north (upstream) of Route 122, Petersham to mouth at Quabbin Reservoir, Petersham.	3.4	MILES	2
West Branch Swift River	MA36-31	Headwaters - Outlet of small unnamed impoundment east of Cooleyville Road in Wendell State Forest, Wendell to mouth at Quabbin Reservoir, Shutesbury/New Salem.	6.3	MILES	2
West Branch Ware River	MA36-02	Outlet Brigham Pond, Hubbardston to confluence with the East Branch Ware River, Barre.	4.5	MILES	2
Wickaboag Pond	MA36166	West Brookfield	315	ACRES	4A
Concord					
Ashland Reservoir	MA82003	Ashland	167.961	ACRES	4A
Assabet Brook	MA82B-17	Headwaters, outlet of Fletchers Pond, Stow to the confluence with the Assabet River, Stow.	1.982	MILES	2

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Assabet River	MA82B-01	Outlet of the Assabet River Reservoir, Westborough to the Westborough WWTP discharge, Westborough.	1.249	MILES	5
Assabet River	MA82B-02	From the Westborough WWTP discharge, Westborough to the Route 20 Dam, Northborough.	3.802	MILES	5
Assabet River	MA82B-03	From the Route 20 Dam, Northborough to the Marlborough West WWTP discharge, Marlborough.	2.439	MILES	5
Assabet River	MA82B-04	From the Marlborough West WWTP discharge, Marlborough to the Hudson WWTP discharge, Hudson.	8.017	MILES	5
Assabet River	MA82B-05	From the Hudson WWTP discharge, Hudson to the USGS gage at Routes 27/62, Maynard.	8.197	MILES	5
Assabet River	MA82B-06	From the USGS gage at Routes 27/62, Maynard to the Powdermill Dam, Acton.	1.22	MILES	5
Assabet River	MA82B-07	From the Powdermill Dam, Acton to the confluence with the Sudbury River, Concord.	6.402	MILES	5
Assabet River Reservoir	MA82004	Westborough	338.14	ACRES	5
Bartlett Pond	MA82007	Northborough	51.815	ACRES	4C
Batemans Pond	MA82008	Concord	25.69	ACRES	4C
Boons Pond	MA82011	Stow/Hudson	173.442	ACRES	4A
Carding Mill Pond	MA82015	Sudbury	40.466	ACRES	5
Cedar Swamp Pond	MA82016	Westborough	16.579	ACRES	3
Chauncy Lake	MA82017	Westborough	173.313	ACRES	4C
Clamshell Pond	MA82018	Clinton	24.326	ACRES	3
Cold Harbor Brook	MA82B-18	Headwaters, outlet of Rocky Pond, Boylston to confluence with Howard Brook, Northborough.	6.061	MILES	2
Concord River	MA82A-07	From the confluence of the Assabet and Sudbury rivers, Concord to the Billerica Water Supply intake, Billerica.	10.394	MILES	5
Concord River	MA82A-08	From the Billerica Water Supply intake, Billerica to Rogers Street bridge, Lowell.	5.073	MILES	5
Concord River	MA82A-09	From the Rogers Street bridge, Lowell to the confluence with the Merrimack River, Lowell.	0.899	MILES	5
Danforth Brook	MA82B-19	Headwaters at the confluence of Mill Brook and an unnamed tributary draining from Little Pond, Bolton to the inlet of Bruces Pond, Hudson.	2.366	MILES	2
Denny Brook	MA82A-27	From outlet of unnamed pond west of South Street, Westborough to confluence with Jackstraw Brook, Westborough	0.642	MILES	3
Dudley Pond	MA82029	Wayland	83.173	ACRES	5
Eames Brook	MA82A-13	From the outlet of Farm Pond, Framingham to the confluence with the Sudbury River, Framingham.	0.566	MILES	5
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	5
Elm Street Pond	MA82032	Chelmsford/Carlisle	65.646	ACRES	3
Farm Pond	MA82035	Framingham	139.682	ACRES	5
Farrar Pond	MA82036	Lincoln	83.012	ACRES	3
Fisk Pond	MA82038	Natick	61.757	ACRES	4C
Fiske Street Pond	MA82037	Carlisle/Chelmsford	37.732	ACRES	3

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Fort Meadow Brook	MA82B-11	Outlet of Fort Meadow Reservoir, Marlborough/Hudson to confluence with Assabet River, Hudson.	2.718	MILES	2
Fort Meadow Reservoir	MA82042	Marlborough/Hudson	254	ACRES	5
Fort Pond	MA82043	Littleton	101.823	ACRES	3
Fort Pond Brook	MA82B-13	From source in a wetland just west of Fort Pond, Littleton to the inlet of Warners Pond, Concord.	10.239	MILES	3
Framingham Reservoir #1	MA82044	Framingham	117.597	ACRES	5
Framingham Reservoir #2	MA82045	Framingham/Ashland	114.357	ACRES	5
Framingham Reservoir #3	MA82046	Framingham	221.244	ACRES	4C
Gates Pond	MA82047	Berlin	72.666	ACRES	3
Gates Pond Brook	MA82B-10	From the outlet of Gates Pond, Berlin to the confluence with the Assabet River, Berlin.	1.042	MILES	3
Gleasons Pond	MA82048	Framingham	10.504	ACRES	3
Great Meadows Pond #3	MA82053	Concord	53	ACRES	4C
Grist Mill Pond	MA82055	Sudbury/Marlborough	16.731	ACRES	5
Hager Pond	MA82056	Marlborough	29.917	ACRES	5
Heard Pond	MA82058	Wayland	75.632	ACRES	5
Heart Pond	MA82059	Chelmsford/Westford	93.862	ACRES	5
Hocomonco Pond	MA82060	Westborough	26.938	ACRES	5
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	5
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 quads prior to 1987).	2.971	MILES	5
Hop Brook	MA82B-20	From the outlet of Smith Pond, Northborough to the confluence with the Assabet River, Northborough.	1.259	MILES	2
Hopkinton Reservoir	MA82061	Hopkinton/Ashland	161.09	ACRES	5
Ice House Pond	MA82066	Acton	11.219	ACRES	3
Indian Brook	MA82A-23	Headwaters, outlet of Icehouse Pond, Hopkinton to the inlet of Hopkinton Reservoir, Hopkinton (formerly part of segment MA82A-12).	2.33	MILES	3
Indian Brook	MA82A-24	Outlet of Hopkinton Reservoir, Ashland to the confluence with the Sudbury River, Ashland (formerly part of segment MA82A-12).	1.702	MILES	2
Jackstraw Brook	MA82A-28	From headwaters west of Upton Road, Westborough to inlet of Cedar Swamp Pond, Westborough	1.919	MILES	3
Lake Cochituate	MA82020	[North Basin] Natick/Framingham/Wayland	195.59	ACRES	5
Lake Cochituate	MA82125	[Middle Basin] Natick/Wayland	134.528	ACRES	5
Lake Cochituate	MA82126	[Carling Basin] Natick	14.318	ACRES	5
Lake Cochituate	MA82127	[South Basin] Natick	239.605	ACRES	5
Learned Pond	MA82069	Framingham	33.857	ACRES	3
Little Chauncy Pond	MA82070	Northborough	43.338	ACRES	4C
Long Pond	MA82072	Littleton	101.744	ACRES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

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Meadow Pond	MA82129	Carlisle	12.354	ACRES	4C
Milham Reservoir	MA82077	Marlborough	66.594	ACRES	3
Mill Brook	MA82A-20	From the outlet of Crosby Pond, Concord to the confluence with the Concord River, Concord.	2.694	MILES	4C
Nagog Pond	MA82082	Littleton/Acton	277.719	ACRES	3
Nashoba Brook	MA82B-14	From source just south of Route 110 in Westford to confluence with Fort Pond Brook, Concord.	9.411	MILES	5
North Brook	MA82B-21	Headwaters, east of Ballville Road and north of Wataquadock Hill Road, Bolton to the confluence with the Assabet River, Berlin.	7.763	MILES	2
North Great Meadows	MA82084	Concord	73.479	ACRES	4C
Nutting Lake	MA82088	[East Basin] Billerica	30.481	ACRES	5
Nutting Lake	MA82124	[West Basin] Billerica	51.408	ACRES	4A
Pantry Brook	MA82A-19	From source west of Haynes Road, Sudbury to the confluence with the Sudbury River, Sudbury.	3.226	MILES	5
Piccadilly Brook	MA82A-30	From headwaters, outlet of Westboro Reservoir, Westborough to inlet to Cedar Swamp Pond, Westborough	2.032	MILES	3
Pine Brook	MA82A-14	From source south of Route 20, just east of the Weston/Wayland border to the confluence with the Sudbury River, Wayland.	2.485	MILES	2
Puffers Pond	MA82092	Maynard/Sudbury	28.441	ACRES	5
River Meadow Brook	MA82A-10	From the outlet of Russell Mill Pond, Chelmsford to the confluence with the Concord River, Lowell.	6.415	MILES	5
Rocky Pond	MA82095	Boylston	61.83	ACRES	4C
Russell Millpond	MA82096	Chelmsford	32.9	ACRES	4C
Rutters Brook	MA82A-29	From headwaters near Robin Road, Westborough to confluence with Jackstraw Brook, Westborough	1.968	MILES	3
Saxonville Pond	MA82097	Framingham	58.818	ACRES	5
Second Division Brook	MA82B-09	From the headwaters at the outlet of small unnamed pond north of Waltham Street, Maynard to the confluence with the Assabet River, Concord.	2.909	MILES	3
Smith Pond	MA82099	Northborough	15.553	ACRES	3
Solomon Pond	MA82100	Northborough	21.242	ACRES	3
Spencer Brook	MA82B-15	From the outlet of an unnamed pond north of Bellows Hill, Carlisle to the inlet of Angiers Pond, Concord.	3.794	MILES	3
Stearns Mill Pond	MA82104	Sudbury	19.079	ACRES	5
Sudbury Reservoir	MA82106	Southborough/Marlborough	1177.986	ACRES	4A
Sudbury River	MA82A-01	From the source at the outlet of Cedar Swamp Pond, Westborough to the Fruit Street Bridge, Hopkinton/Westborough.	1.895	MILES	3
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	5
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	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

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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	5
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	5
Taylor Brook	MA82B-08	From the outlet of Puffer Pond, Maynard to the confluence with the Assabet River, Maynard.	1.770802	MILES	2
Tripp Pond	MA82107	Hudson	3.501	ACRES	3
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	5
Unnamed Tributary	MA82A-16	From the outlet of Hager Pond, Marlborough to the inlet of Grist Mill Pond, Marlborough.	0.165	MILES	5
Unnamed Tributary	MA82A-17	From the outlet of Grist Mill Pond, Sudbury to the inlet of Carding Mill Pond, Sudbury.	0.519	MILES	5
Unnamed Tributary	MA82A-21	From the outlet of Heart Pond, Chelmsford to the inlet of Russell Millpond, Chelmsford.	4.113	MILES	2
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	5
Unnamed Tributary	MA82B-16	From the outlet of Angiers Pond, Concord to confluence with the Assabet River, Concord (this segment is locally known as part of Spencer Brook).	0.486	MILES	2
Walden Pond	MA82109	Concord	62.946	ACRES	4A
Warners Pond	MA82110	Concord	59.338	ACRES	4A
Waushakum Pond	MA82112	Framingham/Ashland	87.195	ACRES	5
West Pond	MA82115	Bolton	18.986	ACRES	2
Westborough Reservoir	MA82114	Westborough	41.007	ACRES	3
White Pond	MA82118	Concord	36.112	ACRES	3
White Pond	MA82119	Hudson/Stow	48.837	ACRES	3
Whitehall Brook	MA82A-11	From the outlet of Whitehall Reservoir, Hopkinton to confluence with the Sudbury River, Westborough.	3.485	MILES	3
Whitehall Reservoir	MA82120	Hopkinton	559.601	ACRES	5
Williams Lake	MA82121	Marlborough	69.316	ACRES	3
Willis Pond	MA82122	Sudbury	67.329	ACRES	2
Winning Pond	MA82123	Billerica	22.216	ACRES	4C
Connecticut					
Amethyst Brook	MA34-35	Headwaters, confluence of Buffum and Harris brooks, Pelham to the confluence with Adams River (forming the headwaters of Fort River), Amherst.	2.143	MILES	2
Arcadia Lake	MA34005	Belchertown	32.314	ACRES	5
Atkins Reservoir	MA34006	Shutesbury	46.468	ACRES	3
Bachelor Brook	MA34-07	Outlet Forge Pond, Granby to confluence with Connecticut River, South Hadley (through former segments Aldrich Lake [East Basin] MA34002 and Aldrich Lake [West Basin] MA34106).	11.606	MILES	4A
Bartons Cove	MA34122	(CT River) Gill	159.684	ACRES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Bloody Brook	MA34-36	From the railroad tracks north of North Main Street, Deerfield to the confluence with Mill River, Whately.	3.679	MILES	5
Brickyard Brook	MA34-13	Headwaters, Westfield to confluence with Manhan River, Westfield.	1.616	MILES	3
Broad Brook	MA34-18	Headwaters, Holyoke to inlet Nashawannuck Pond, Easthampton.	9.285	MILES	2
Buttery Brook	MA34-42	Headwaters (perennial portion), west of Haig Avenue, South Hadley to the confluence with the Connecticut River, South Hadley (interrupted urban, portions culverted).	1.6	MILES	5
Connecticut River	MA34-01	New Hampshire/Vermont/Massachusetts state line to Route 10 bridge, Northfield.	3.48	MILES	5
Connecticut River	MA34-02	Route 10 bridge, Northfield to Turners Falls Dam, Gill/Montague.	11.213	MILES	5
Connecticut River	MA34-03	Turners Falls Dam, Gil/Montague to confluence with Deerfield River, Greenfield/Montague/Deerfield.	3.604	MILES	5
Connecticut River	MA34-04	Confluence with Deerfield River, Greenfield/Montague/Deerfield to Holyoke Dam, Holyoke/South Hadley.	34.372	MILES	5
Connecticut River	MA34-05	Holyoke Dam, Holyoke/South Hadley to Massachusetts/Connecticut border.	15.853	MILES	5
Cooley Brook	MA34-20	Headwaters, Longmeadow to confluence with Connecticut River, Longmeadow.	1.44	MILES	3
Cranberry Pond	MA34018	Sunderland	28.146	ACRES	4C
Cushman Brook	MA34-34	Headwaters, outlet Atkins Reservoir, Shutesbury to the inlet of Factory Hollow Pond, Amherst.	2.462	MILES	2
Danks Pond	MA34019	Northampton/Easthampton	2.796	ACRES	3
East Branch Mill River	MA34-37	Headwaters, confluence of Bradford Brook, Williamsburg to confluence with the West Branch Mill River (forming the headwaters of the Mill River), Williamsburg.	2.753	MILES	2
Factory Hollow Pond	MA34021	Amherst	11.89	ACRES	3
Fall River	MA34-33	Vermont/Massachusetts border, Bernardston to the confluence with the Connecticut River, Greenfield/Gill	10.246	MILES	2
Forge Pond	MA34024	Granby	72.034	ACRES	5
Fort River	MA34-27	Headwaters (confluence of Adams and Amethyst brooks, Amherst), to confluence Connecticut River, Hadley.	12.812	MILES	5
Green Pond	MA34028	Montague	14.727	ACRES	3
Ingraham Brook Pond	MA34037	Granby	4.623	ACRES	4C
Lake Bray	MA34013	Holyoke	10.301	ACRES	4C
Lake Holland	MA34035	Belchertown	10.552	ACRES	4C
Lake Lookout	MA34044	Springfield	6.644	ACRES	5
Lake Pleasant	MA34070	Montague	54.006	ACRES	3
Lake Warner	MA34098	Hadley	65.132	ACRES	4A
Lake Wyola	MA34103	Shutesbury	126.119	ACRES	4A
Lampson Brook	MA34-06	Belchertown WWTP discharge, Belchertown to confluence with Weston Brook, Belchertown.	1.158	MILES	5
Leaping Well Reservoir	MA34040	South Hadley	8.806	ACRES	5
Leverett Pond	MA34042	Leverett	90.709	ACRES	4A
Log Pond Cove	MA34124	Holyoke	19.205	ACRES	5
Long Plain Brook	MA34-09	Headwaters, Leveret/Sunderland town line (in Mt. Toby State Forest) to confluence with Russellville Brook at Route 116, Sunderland.	5.012	MILES	3

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Longmeadow Brook	MA34-21	Headwaters, outlet Turner Park Pond, Longmeadow to confluence with Connecticut River, Longmeadow.	4.454	MILES	3
Loon Pond	MA34045	Springfield	25.104	ACRES	4A
Lower Highland Lake	MA34047	Goshen	90.731	ACRES	3
Lower Mill Pond	MA34048	Easthampton	29.641	ACRES	4C
Lower Van Horn Park Pond	MA34129	Springfield	11.13	ACRES	4C
Manhan River	MA34-10	Headwaters, northeast of Norwich Pond, Huntington to inlet Tighe Carmody Reservoir, Southampton (thru White Reservoir formely segment MA34100).	6.551	MILES	3
Manhan River	MA34-11	Outlet Tighe Carmody Reservoir, Southampton to confluence with Connecticut River, Easthampton.	19.168	MILES	5
Metacomet Lake	MA34051	Belchertown	50.525	ACRES	5
Mill Pond	MA34052	Springfield	13.241	ACRES	5
Mill River	MA34-24	Headwaters east of Fisher Hill, Conway to confluence with the Connecticut River, Hatfield.	24.63	MILES	2
Mill River	MA34-25	Headwaters, outlet Factory Hollow Pond, Amherst to inlet Lake Warner, Hadley.	5.228	MILES	5
Mill River	MA34-28	Headwaters (confluence of East and West Branch Mill River, Williamsburg), to outlet Paradise Pond, Northampton.	9.979	MILES	5
Mill River	MA34-29	Headwaters, outlet Watershops Pond, Springfield to confluence with Connecticut River, Springfield. (Interrupted stream)	1.294	MILES	5
Mill River Diversion	MA34-32	Headwaters, outlet Paradise Pond to confluence with Oxbow (east of Old Springfield Road), Northampton (thru Hulberts Pond formely segment MA34036).	2.538	MILES	3
Moose Brook	MA34-17	Headwaters, Southampton to confluence with Manhan River, Southampton.	2.627	MILES	2
Mountain Street Reservoir	MA34056	Williamsburg/Hatfield/Whately	66.673	ACRES	3
Nashawannuck Pond	MA34057	Easthampton	30.068	ACRES	5
Nine Mile Pond	MA34127	Wilbraham (PALIS/Segment changed from 36107 to 34127, TRD 6/21/02)	32.531	ACRES	3
Noonan Cove	MA34058	Springfield	2.712	ACRES	5
Northampton Reservoir	MA34059	Whately	80.365	ACRES	3
Northfield Mountain Reservoir	MA34061	Erving	237.269	ACRES	3
Oxbow	MA34066	The waterbody west of Route 91 (bounded on the northeast by Route 91, the southeast by the Manhan River, and the west by Old Springfield Road), Northampton/Easthampton (excluding the delineated segment; Danks Pond MA34019).	148.057	ACRES	5
Oxbow Cutoff	MA34067	The waterbody north of Island Road and south of Oxbow Road (between Routes 91and 5), Northampton.	48.805	ACRES	4C
Pine Island Lake	MA34069	Westhampton	55.096	ACRES	3
Plympton Brook Pond	MA34071	Wendell	4.894	ACRES	3
Porter Lake	MA34073	Springfield	27.931	ACRES	5
Porter Lake West	MA34072	Springfield	5.036	ACRES	5
Potash Brook	MA34-12	Headwaters to confluence with Manhan River, Southampton.	0.96	MILES	3
Raspberry Brook	MA34-22	From Massachusetts/Connecticut border to confluence with Connecticut River, Longmeadow.	1.794	MILES	3
Roberts Meadow Reservoir	MA34076	Northampton	22.421	ACRES	3

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Sawmill River	MA34-40	Headwaters, outlet Lake Wyola, Shutesbury to Dudleyville Road, Leverett (formerly part of MA34-26).	2.032	MILES	3
Sawmill River	MA34-41	Dudleyville Road, Leverett to confluence with Connecticut River, Montague (formerly part of MA34-26).	10.965	MILES	2
Sawyer Ponds	MA34078	[North Basin] Northfield	9.263	ACRES	3
Sawyer Ponds	MA34079	[South Basin] Northfield	12.41	ACRES	3
Scantic River	MA34-30	Massachusetts/Connecticut border, Monson downstream to the Massachusetts/Connecticut border, Hampden.	9.599	MILES	2
Silver Lake	MA34084	Agawam	8.696	ACRES	3
Stony Brook	MA34-19	Headwaters, Granby to confluence with Connecticut River, South Hadley (thru Upper Pond formerly segment MA34095 and Lower Pond formerly segment MA34049).	13.334	MILES	5
Temple Brook	MA34-08	Headwaters, outlet Bradley Pond, Monson to confluence with Scantic River, Hampden.	3.724	MILES	2
Tighe Carmody Reservoir	MA34089	Southampton	353.401	ACRES	3
Tripple Brook	MA34-16	Headwaters, Southampton to confluence with Manhan River, Southampton.	1.016	MILES	2
Unnamed Tributary	MA34-31	Headwater, outlet Lake Warner to confluence with Connecticut River, Hadley.	0.531	MILES	3
Upper Highland Lake	MA34093	Goshen	51.244	ACRES	2
Upper Van Horn Park Pond	MA34128	Springfield (Changed from MA36158 to 34128 on 6/21/02, TRD)	8.261	ACRES	5
Venture Pond	MA34096	Springfield	6.516	ACRES	5
Watershops Pond	MA34099	Springfield	161.531	ACRES	5
West Branch Mill River	MA34-38	East Street, Goshen to the confluence of Meekin Brook, Williamsburg.	5.917	MILES	2
West Branch Mill River	MA34-39	From the confluence of Meekin Brook, Williamsburg to the confluence with the East Branch Mill River (forming the headwaters of the Mill River), Williamsburg.	0.641	MILES	2
Weston Brook	MA34-23	Headwaters, Belchertown to inlet Forge Pond, Granby.	2.702	MILES	5
White Brook	MA34-14	Headwaters, Easthampton to inlet Nashawannuck Pond, Easthampton.	1.807	MILES	3
Whiting Street Reservoir	MA34101	Holyoke	102.438	ACRES	4C
Wilton Brook	MA34-15	Headwaters, Easthampton to outlet RubberThread Pond (formerly segment MA34105) , Easthampton.	1.132	MILES	5
Deerfield					
Ashfield Pond	MA33001	Ashfield	38.041	ACRES	4A
Bear River	MA33-17	Headwaters west of Barnes Road, Ashfield to confluence with Deerfield River, Conway.	6.926	MILES	2
Bog Pond	MA33003	Savoy	34.994	ACRES	3
Bozrah Brook	MA33-13	Headwaters, located west of East Hawley Road, Hawley (drains wetland) to confluence with Deerfield River, Charlemont.	2.996	MILES	3
Burnett Pond	MA33005	Savoy	17.717	ACRES	3
Chickley River	MA33-11	Headwaters Savoy Mountain State Forest, Savoy to confluence with Deerfield River, Charlemont.	11.084	MILES	5
Clark Brook	MA33-16	Headwaters, near Moonshine Road (Howes Road)/East Buckland Road, Buckland to confluence with Clesson Brook, Buckland.	3.779086	MILES	2
Clesson Brook	MA33-15	Outlet of unnamed pond south of Forget Road, Hawley through Cox Pond to confluence with Deerfield River, Buckland.	10.346	MILES	2

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Cold River	MA33-05	Source in Florida to confluence with Deerfield River, Charlemont.	13.719	MILES	2
Davis Mine Brook	MA33-18	Headwaters, just south of Dell Road, Rowe to confluence with Mill Brook, Charlemont.	3.301077	MILES	5
Deerfield River	MA33-01	Outlet Sherman Reservoir Monroe/Rowe, to confluence with Cold River, Charlemont (through former segment, Lower Reservoir MA33028).	13.43029	MILES	2
Deerfield River	MA33-02	Confluence with Cold River, Charlemont to confluence with North River, Charlemont/Shelburne	11.414	MILES	2
Deerfield River	MA33-03	Confluence with North River, Charlemont/Shelburne to confluence with Green River, Greenfield.	16.945	MILES	2
Deerfield River	MA33-04	Confluence with Green River, Greenfield to confluence with Connecticut River, Greenfield/Deerfield.	2.061	MILES	2
Dragon Brook	MA33-20	Headwaters north of Patten Road, Shelburne to confluence with the Deerfield River, Shelburne	4.352	MILES	3
Drakes Brook	MA33-23	Headwaters west of North Warger Road, Ashfield to confluence with Bear River, Conway.	2.016	MILES	2
East Branch North River	MA33-19	Vermont line, Colrain to confluence with West Branch North River, Colrain.	7.58	MILES	2
Foundry Brook	MA33-25	Headwaters north of Calvin Coombs Road, Colrain to confluence with East Branch North River, Colrain.	2.773	MILES	2
Fox Brook Upper Reservoir	MA33006	Colrain	2.954	ACRES	3
Goodnow Road Pond	MA33007	Buckland	10.918	ACRES	3
Green River	MA33-28	Vermont line, Colrain to Greenfield water supply dam (north of Eunice Williams Road), Greenfield. (formerly part of MA33-09)	8.474	MILES	2
Green River	MA33-29	From Greenfield water supply dam (north of Eunice Williams Road), Greenfield to the Greenfield swimming pool dam (northwest of Nashs Mill Road), Greenfield. (formerly part of MA33-09)	4.633	MILES	2
Green River	MA33-30	From Greenfield swimming pool dam (northwest of Nashs Mill Road), Greenfield to confluence with the Deerfield River, Greenfield . (formerly segment MA33-10 and part of segment MA33-09)	3.735	MILES	5
Hallockville Pond	MA33009	Plainfield/Hawley	18.555	ACRES	3
Highland Pond	MA33032	Greenfield	2.104	ACRES	3
Hinsdale Brook	MA33-21	Headwaters east of Fiske Mill Road, Shelburne to confluence with Punch Brook, Greenfield	2.831	MILES	3
Maynard Pond	MA33011	Greenfield	3.249	ACRES	3
McLeod Pond	MA33012	Colrain	41.336	ACRES	3
Mill Brook	MA33-14	Headwaters, originating north of Rowe Road, Heath to confluence with the Deerfield River, Charlemont.	5.757	MILES	2
Mt. Brook Reservoir	MA33024	Colrain	1.471	ACRES	3
Newell Pond	MA33013	Greenfield	0.928	ACRES	3
North Pond	MA33014	Florida	19.115	ACRES	2
North River	MA33-06	From confluence of East and West branches of the North River, Colrain to confluence with Deerfield River, Shelburne/Charlemont. (Segment changed 1997 - East Branch no longer included in length)	3.341	MILES	2
Papoose Lake	MA33023	Heath	14.088	ACRES	3

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Pelham Brook	MA33-12	Headwaters at outlet Pelham Lake, Rowe to confluence with Deerfield River, Charlemont.	4.861	MILES	2
Pelham Lake	MA33016	Rowe	79.545	ACRES	3
Phelps Brook Reservoir	MA33030	Monroe	0.052	ACRES	3
Plainfield Pond	MA33017	Plainfield	59.616	ACRES	4A
Pumpkin Hollow Brook	MA33-32	Headwaters north of Conway State Forest and south of Old Cricket Hill Road, Conway to confluence with South River, Conway.	2.297	MILES	2
Sherman Reservoir	MA33018	Massachusetts portion only. Rowe/Monroe/Whitingham, Vt.	72.437	ACRES	5
Shingle Brook	MA33-22	Headwaters north of Guy Manners Road, Shelburne to confluence with the Deerfield River, Deerfield.	2.764	MILES	3
Smith Brook	MA33-26	Headwaters, outlet Upper Reservoir, Ashfield to confluence with Clesson Brook, Buckland.	2.664	MILES	3
South Pond	MA33019	Savoy	28.675	ACRES	2
South River	MA33-07	Headwaters at outlet Ashfield Pond to Emments Road, Ashfield.	2.263668	MILES	2
South River	MA33-08	Emments Road Ashfield to confluence with Deerfield River, Conway (through South River Impoundment formerly segment MA33022).	12.957	MILES	5
Tannery Pond	MA33020	Savoy	0.523	ACRES	4C
Taylor Brook	MA33-31	From the confluence of Kinsman Brook and Davenport Brook, Heath to confluence with West Branch North River, Colrain.	2.635	MILES	2
Tisdell Brook	MA33-24	Headwaters west of Christian Hill, Colrain to confluence with West Branch North River, Colrain.	1.698	MILES	2
Upper Greenfield Reservoir	MA33021	Leyden	5.748	ACRES	3
Upper Highland Springs Reservoir	MA33025	Ashfield	2.483	ACRES	3
Upper Reservoir Bear Swamp	MA33026	Rowe	108.283	ACRES	3
West Branch North River	MA33-27	Confluence of West Branch Brook and Burrington Brook, Heath to confluence with North River, forming the North River, Colrain.	7.127	MILES	2
Farmington					
Benton Brook	MA31-11	Drainage from Hayden Swamp, Otis to the confluence with the West Branch Farmington River, Otis.	5.240824	MILES	2
Benton Pond	MA31003	Otis	61.428	ACRES	4C
Big Pond	MA31004	Otis	325.203	ACRES	5
Buck River	MA31-12	Headwaters draining wetland just south of Morley Hill and Cronk Road, Sandisfield to confluence with the Clam River, Sandisfield.	6.398259	MILES	2
Clam River	MA31-03	Outlet of Royal Pond, Otis to confluence with West Branch Farmington River, Sandisfield.	9.542	MILES	2
Cone Brook	MA31-08	Drainage from Angerman Swamp in Beartown State Forest, Otis to Hayden Pond, Otis.	2.101	MILES	2
Cranberry Pond	MA31008	Tolland	75.489	ACRES	3
Creek Pond	MA31009	(Watson Pond) Otis	51.734	ACRES	3
Dimmock Brook	MA31-10	Outlet of Dimmock Brook Pond, Otis to confluence with West Branch Farmington River, Otis.	1.006	MILES	3
Dimmock Brook Pond	MA31010	Otis	15.166	ACRES	3

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Fall River	MA31-02	Outlet Larkum Pond, Otis to confluence with West Branch Farmington River, Otis.	0.761	MILES	2
Hayden Pond	MA31016	Otis	27.999	ACRES	3
Hubbard Brook	MA31-16	Confluence Babcock Brook and Hall Pond Brook, Tolland to border of Granville, Massachusetts/Hartland, Connecticut.	4.0271	MILES	2
Long Bow Lake	MA31019	Becket	25.585	ACRES	3
Lower Spectacle Pond	MA31020	Sandisfield	69.815	ACRES	3
Noyes Pond	MA31026	Tolland	166.019	ACRES	4C
Otis Reservoir	MA31027	Otis/Tolland/Blandford	988.88	ACRES	4A
Royal Pond	MA31034	Otis/Monterey	7.419	ACRES	3
Sandy Brook	MA31-14	Outlet York Lake, New Marlborough to border of Sandisfield, Massachusetts/Norfolk, Connecticut.	4.977348	MILES	2
Shales Brook	MA31-04	Source north of Tyringham Road, Becket to inlet Shaw Pond, Becket.	1.238268	MILES	3
Shaw Pond	MA31036	Becket/Otis	80.431	ACRES	5
Silver Brook	MA31-13	Confluence of North Branch and South Branch Silver Brook, Sandisfield to confluence with Clam River, Sandisfield.	0.957688	MILES	3
Silver Shield Pond	MA31054	Becket	9.792	ACRES	3
Thomas Brook	MA31-06	Outlet Thomas Pond, Becket to confluence with unnamed tributary, Otis.	0.823572	MILES	3
Unnamed Tributary	MA31-05	Source in wetlands southwest of Route 90 and east of Route 20, Becket to inlet Shaw Pond, Becket.	1.333735	MILES	3
Unnamed Tributary	MA31-07	Outlet Shaw Pond, Becket/Otis to inlet Hayden Pond, Otis.	0.889249	MILES	3
Unnamed Tributary	MA31-09	Source north of Route 23 and east of Harrington Road, Otis to confluence with West Branch Farmington River, Otis.	1.997087	MILES	3
Upper Spectacle Pond	MA31044	Sandisfield/Otis	52.655	ACRES	5
Valley Brook	MA31-15	Source, northwest of Holden Hill, Granville to border of Granville, Massachusetts/Hartland, Connecticut.	5.894326	MILES	2
Ward Pond	MA31047	Becket	27.153	ACRES	3
West Branch Farmington River	MA31-01	Outlet of Hayden Pond, Otis to Sandisfield/Tolland, Massachusetts and Colebrook, Connecticut in the Colebrook Reservoir.	16.134	MILES	5
West Lake	MA31050	Sandisfield	60.286	ACRES	3
White Lily Pond	MA31051	Otis	62.146	ACRES	3
York Lake	MA31052	New Marlborough	28.763	ACRES	5
French					
Bartons Brook	MA42-08	Headwaters, outlet Stiles Reservoir, Leicester to inlet Greenville Pond West, Leicester.	1.1	MILES	3
Bouchard Pond	MA42003	Leicester	2	ACRES	4C
Buffum Pond	MA42004	Charlton/Oxford	23	ACRES	4C
Buffumville Lake	MA42005	Charlton/Oxford	199	ACRES	4A
Burncoat Brook	MA42-07	Headwaters, outlet Bouchard Pond, Leicester to confluence with Town Meadow Brook, Leicester (through former pond segment Ballard Hill Pond MA42069).	1	MILES	5
Burncoat Pond	MA42007	Leicester/Spencer	115	ACRES	3
Carbuncle Pond	MA42008	Oxford	11	ACRES	3

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Cedar Meadow Pond	MA42009	Leicester	140	ACRES	4A
Dresser Hill Pond	MA42014	Charlton	8	ACRES	4A
Dutton Pond	MA42015	Leicester	6	ACRES	4A
Easterbrook Pond	MA42017	Dudley	5	ACRES	3
French River	MA42-03	Headwaters, outlet Greenville Pond, Leicester to the outlet of Thayer Pond, Oxford (excluding approximately 0.6 miles through Rochdale Pond segment MA42048) (through former pond segments Texas Pond MA42058 and Thayers Pond MA42059).	3.8	MILES	5
French River	MA42-04	From dam just upstream of Clara Barton Road, Oxford, to dam at North Village, Webster/Dudley.	9.6	MILES	5
French River	MA42-05	Dam at North Village, Webster/Dudley to Webster WWTP outfall, Webster/Dudley.	2.4	MILES	5
French River	MA42-06	Webster WWTP outfall, Webster/Dudley to state line, Dudley, MA/Thompson,CT.	1	MILES	5
Gore Pond	MA42018	Dudley/Charlton	169	ACRES	4A
Granite Reservoir	MA42019	Charlton	207	ACRES	4A
Greenville Pond	MA42023	Leicester	31	ACRES	4A
Greenville Pond West	MA42022	Leicester	6	ACRES	3
Grindstone Brook	MA42-18	Headwaters outlet Henshaw Pond, Leicester to inlet Rochdale Pond, Leicester.	2.3	MILES	5
Hayden Pond	MA42024	Dudley	44	ACRES	3
Henshaw Pond	MA42025	Leicester	37	ACRES	3
Hudson Pond	MA42029	Oxford/Sutton	15	ACRES	4A
Hultered Pond	MA42072	Charlton	4	ACRES	3
Jones Pond	MA42030	Charlton/Spencer	30	ACRES	4A
Larner Pond	MA42068	Dudley	27	ACRES	4A
Little Nugget Lake	MA42032	Charlton	13	ACRES	3
Little River	MA42-13	Headwaters, outlet Pikes Pond, Charlton to inlet Buffumville Lake, Charlton (formerly part of segment MA42-09).	3.5	MILES	5
Little River	MA42-14	Outlet Buffum Pond, Oxford to confluence with French River, Oxford (formerly part of segment MA42-09).	1.3	MILES	3
Low Pond	MA42033	Dudley	4	ACRES	4C
Lowes Pond	MA42034	Oxford	33	ACRES	4A
McKinstry Pond	MA42035	Oxford	16	ACRES	4A
Merino Pond	MA42036	Dudley	75	ACRES	3
Mill Brook	MA42-10	Headwaters, outlet Webster Lake, Webster to confluence with French River, Webster.	1.2	MILES	2
Mine Brook	MA42-16	Headwaters, Webster to inlet Club Pond, Webster.	1.4	MILES	2
Mosquito Pond	MA42060	Dudley	11	ACRES	4A
New Pond	MA42037	Dudley	33	ACRES	4A
Nipmuck Pond	MA42039	Webster	20	ACRES	3
Packard Pond	MA42040	Dudley	6	ACRES	4C
Peter Pond	MA42042	Dudley	42	ACRES	4A

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Pierpoint Meadow Pond	MA42043	Dudley/Charlton	95	ACRES	4A
Pikes Pond	MA42044	Charlton	28	ACRES	4A
Putnam Pond	MA42046	Charlton	20	ACRES	3
Robinson Pond	MA42047	Oxford	99	ACRES	2
Rochdale Pond	MA42048	Leicester	43	ACRES	4A
Sargent Pond	MA42049	Leicester	65	ACRES	4C
Shepherd Pond	MA42051	Dudley	16	ACRES	4A
Slaters Pond	MA42053	Oxford	105	ACRES	3
Snow Pond	MA42054	Charlton	1	ACRES	3
Stiles Reservoir	MA42055	Spencer/Leicester	309	ACRES	3
Sucker Brook	MA42-15	Headwaters, outlet Nipmuck Pond, Webster to inlet Club Pond, Webster	1.7	MILES	5
Town Meadow Brook	MA42-02	Headwaters, outlet Dutton Pond, Leicester to inlet Greenville Pond, Leicester.	1.9	MILES	3
Unnamed Tributary	MA42-01	Unnamed tributary to Town Meadow Brook, outlet Sargent Pond, Leicester to inlet Dutton Pond, Leicester.	0.5	MILES	2
Unnamed Tributary	MA42-12	Unnamed tributary to Wellington Brook, perennial portion from Depot Road, Oxford to confluence with Wellington Brook, Oxford.	0.2	MILES	3
Unnamed Tributary	MA42-19	Unnamed tributary to the French River on the 1982 USGS quad as 'Lowes Brook' , from the outlet of Lowes Pond, Oxford to the confluence with the French River, Oxford.	1.3	MILES	2
Unnamed Tributary	MA42-20	Unnamed tributary to South Fork locally known as 'Potters Brook', from outlet of Old Mill Pond Dam (MA01833), Charlton to the confluence with South Fork, Charlton.	0.9	MILES	2
Wallis Pond	MA42062	Dudley	24	ACRES	4A
Watson Millpond	MA42063	Spencer	2	ACRES	3
Webster Lake	MA42064	Webster	1275	ACRES	4C
Wee Laddie Pond	MA42065	Charlton	6	ACRES	3
Wellington Brook	MA42-11	Headwaters south of Cedar Street, Auburn to confluence with French River, Oxford.	3.4	MILES	2
Hoosic					
Bassett Brook	MA11-17	Headwaters southeast slope of Saddle Ball Mountain, Adams to inlet Bassett Reservoir, Cheshire.	1.939	MILES	3
Berkshire Pond	MA11001	Lanesborough	21.426	ACRES	4C
Broad Brook	MA11-23	From Vermont state line, Williamstown to the confluence with the Hoosic River, Williamstown.	2.184	MILES	3
Cheshire Reservoir, Middle Basin	MA11018	[Middle Basin] Cheshire/Lanesborough	186.35	ACRES	5
Cheshire Reservoir, North Basin	MA11002	[North Basin] Cheshire	284.024	ACRES	5
Cheshire Reservoir, South Basin	MA11019	[South Basin] Cheshire/Lanesborough	91.718	ACRES	5
Dry Brook	MA11-13	Headwaters, west of Jackson Road (in Savoy Wildlife Management Area), Savoy to confluence with Hoosic River, Adams.	6.702	MILES	2
East Branch Green River	MA11-21	Headwaters, northeast of Sugarloaf Mountain, New Ashford to confluence with Green River, New Ashford.	2.227	MILES	2

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Green River	MA11-06	Headwaters southwest of Sugarloaf Mountain (west of Ingraham Road), New Ashford to confluence with Hoosic River, Williamstown.	12.498	MILES	5
Hemlock Brook	MA11-09	Headwaters, south of Route 2 in the Taconic Trail State Park to confluence with the Hoosic River, Wiliamstown.	7.083	MILES	2
Hoosic River	MA11-03	Headwaters, outlet Cheshire Reservoir, Cheshire to Adams WWTP discharge, Adams.	8.841	MILES	5
Hoosic River	MA11-04	Adams WWTP discharge, Adams to confluence with North Branch Hoosic River, North Adams.	5.387	MILES	5
Hoosic River	MA11-05	Confluence with North Branch Hoosic River, North Adams to the Vermont State line, Williamstown.	8.225	MILES	5
Kitchen Brook	MA11-24	From the outlet of the unnamed reservoir (Kitchen Brook Reservoir), Cheshire to the confluence with the Hoosic River, Cheshire.	1.445	MILES	2
Mauserts Pond	MA11009	Clarksburg	50.896	ACRES	5
McDonald Brook	MA11-16	Source, southeast of Woodchuck Hill, Windsor to confluence with South Brook, Cheshire.	3	MILES	2
Mount Williams Reservoir	MA11010	North Adams	45.842	ACRES	3
North Branch Hoosic River	MA11-01	Vermont State line, Clarksburg to USGS Gage, North Adams.	4.281	MILES	2
North Branch Hoosic River	MA11-02	From USGS Gage, North Adams to confluence with Hoosic River, North Adams.	1.537	MILES	5
Notch Reservoir	MA11011	North Adams	12.287	ACRES	3
Paull Brook	MA11-20	Headwaters, outlet of Mt. Williams Reservoir, North Adams to confluence with unnamed tributary, Williamstown.	2.089	MILES	5
Pecks Brook	MA11-18	Headwaters west of West Mountatin Road to confluence with the Hoosic River, Adams.	2.703	MILES	2
South Brook	MA11-15	Headwaters, west of Weston Mountain, Dalton to confluence with the Hoosic River, Cheshire.	4.138	MILES	2
Thunder Brook	MA11-10	Headwaters, Cheshire to confluence with Kitchen Brook, Cheshire.	1.545	MILES	3
Tophet Brook	MA11-19	Source west of Burnett Road, Savoy (in the Savoy Mountain State Forest) to the confluence with the Hoosic River, Adams.	6.151	MILES	4C
West Branch Green River	MA11-22	Headwaters, west of Route 43, Hancock (near New York border) to confluence with Green River, Williamstown.	7.896	MILES	2
Windsor Lake	MA11016	North Adams	23.993	ACRES	3
Housatonic					
Anthony Brook	MA21-10	Headwaters, outlet of Anthony Pond, Dalton to the confluence with Wahconah Falls Brook, Dalton.	2.568	MILES	3
Ashley Lake	MA21003	Washington	93.644	ACRES	3
Ashmere Lake	MA21005	Hinsdale/Peru	293.502	ACRES	4C
Benedict Pond	MA21011	Great Barrington/Monterey	37.034	ACRES	3
Cady Brook	MA21-12	Source, Peru to the inlet of Windsor Reservoir, Hinsdale.	3.507	MILES	2
Card Pond	MA21015	West Stockbridge	11.424	ACRES	3
Cleveland Brook	MA21-08	Headwaters, outlet of Cleveland Brook Reservoir, Hinsdale to confluence with East Branch Housatonic River, Dalton.	1.927	MILES	2
Cleveland Brook Reservoir	MA21019	Hinsdale	155.627	ACRES	3
Cookson Pond	MA21021	New Marlborough	67.096	ACRES	3

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

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Crane Lake	MA21025	West Stockbridge	27.474	ACRES	3
East Branch Housatonic River	MA21-01	Outlet of Muddy Pond, Washington to the outlet of Center Pond, Dalton.	11.251	MILES	5
East Branch Housatonic River	MA21-02	Outlet of Center Pond, Dalton to confluence with the Housatonic River, Pittsfield.	8.019	MILES	5
East Indies Pond	MA21029	New Marlborough	72.217	ACRES	3
Farnham Reservoir	MA21033	Washington	40.87	ACRES	3
Furnace Brook	MA21-21	Headwaters south of Route 295 (Canaan Road), Richmond to inlet Mud Ponds, West Stockbridge.	3.649	MILES	2
Goodrich Pond	MA21042	Pittsfield	15.355	ACRES	5
Goose Pond	MA21043	Lee/Tyringham	237.942	ACRES	4C
Goose Pond Brook	MA21-07	Outlet of Goose Pond, Tyringham to confluence with the Housatonic River, Lee.	3.252	MILES	2
Green River	MA21-23	Alford, Massachusetts/Hillsdale, New York border southwest of Route 71 to confluence with the Housatonic River, Great Barrington.	10.139	MILES	2
Greenwater Brook	MA21-27	Headwaters, outlet of Greenwater Pond, Becket to the confluence with Goose Pond Brook, Lee	4.435	MILES	2
Greenwater Pond	MA21044	Becket	88.73	ACRES	4C
Hayes Pond	MA21051	Otis	46.264	ACRES	3
Hop Brook	MA21-28	Headwaters, outlet of Curtin Pond, Otis to the confluence with the Housatonic River, Lee	11.948	MILES	2
Housatonic River	MA21-04	Confluence of Southwest Branch Housatonic River and West Branch Housatonic River, Pittsfield to outlet of Woods Pond, Lee/Lenox (pond was formerly segment MA21120).	12.322	MILES	5
Housatonic River	MA21-19	Outlet of Woods Pond, Lee/Lenox to the Risingdale Impoundment dam, Great Barrington (impoundment formerly segment MA21121).	19.88	MILES	5
Housatonic River	MA21-20	Outlet of Risingdale Impoundment, Great Barrington to the state line in Sheffield, MA/Canaan, CT.	23.036	MILES	5
Hubbard Brook	MA21-15	Source, northwest of Townhouse Hill Road, Egremont to confluence with the Housatonic River, Sheffield (thru Mill Pond formerly reported as segment MA21068).	9.375	MILES	4C
Karner Brook	MA21-16	Headwaters east of East Street, Mount Washington to the inlet of Mill Pond, Egremont.	4.664	MILES	4C
Konkapot River	MA21-25	Outlet of Brewer Lake, Monterey to the state line in New Marlborough, MA/Canaan, CT.	16.467	MILES	5
Konkapot River	MA21-26	From the state line in Sheffield, MA/Canaan, CT, to the confluence with the Housatonic River, Sheffield.	2.866	MILES	5
Lake Averic	MA21006	Stockbridge	41.962	ACRES	4C
Lake Buel	MA21014	Monterey/New Marlborough	194.396	ACRES	5
Lake Garfield	MA21040	Monterey	256.898	ACRES	5
Larrywaug Brook	MA21-29	Headwaters, outlet Stockbridge Bowl, Stockbridge to confluence with Housatonic River, Stockbridge	2.863	MILES	2
Laurel Lake	MA21057	Lee/Lenox	173.51	ACRES	5
Long Pond	MA21062	Great Barrington	114.398	ACRES	4C
Long Pond Brook	MA21-14	Outlet of Long Pond, Great Barrington to the confluence with Seekonk Brook, Great Barrington.	2.047	MILES	4C

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

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Mansfield Pond	MA21065	Great Barrington	27.783	ACRES	4C
Mill Pond	MA21069	Egremont	10.403	ACRES	3
Morewood Lake	MA21071	Pittsfield	19.519	ACRES	5
Onota Lake	MA21078	Pittsfield	662.202	ACRES	4C
Plunkett Reservoir	MA21082	Hinsdale	71.567	ACRES	4C
Pontoosuc Lake	MA21083	Lanesborough/Pittsfield	500.316	ACRES	5
Prospect Lake	MA21084	Egremont	58.619	ACRES	4C
Richmond Pond	MA21088	Richmond/Pittsfield	227.905	ACRES	4C
Seekonk Brook	MA21-22	Outlet of small impoundment east of West Road, Alford to confluence with the Green River, Great Barrington.	4.787	MILES	3
Shaker Mill Pond	MA21094	West Stockbridge	27	ACRES	4C
Southwest Branch Housatonic River	MA21-17	Headwaters, outlet Richmond Pond, Pittsfield to confluence with West Branch Housatonic River, Pittsfield.	5.835	MILES	5
Stevens Pond	MA21104	Monterey	38.771	ACRES	4C
Stockbridge Bowl	MA21105	Stockbridge	383.495	ACRES	4A
Thousand Acre Pond	MA21106	New Marlborough	144.801	ACRES	4C
Unnamed Tributary	MA21-24	Headwaters, outlet of Mill Pond, Egremont to confluence with Hubbard Brook, Egremont.	1.481	MILES	3
Unnamed Tributary	MA21-31	Unnamed tributary to the Housatonic River, locally known as "Laurel Brook", from the outlet of Laurel Lake, Lee to the confluence with the Housatonic River, Lee.	0.8	MILES	4C
Upper Goose Pond	MA21110	Lee/Tyringham	55.337	ACRES	4C
Upper Sackett Reservoir	MA21113	Hinsdale	19.454	ACRES	3
Wahconah Falls Brook	MA21-11	Headwaters, outlet of Windsor Reservoir, Windsor to confluence with East Branch Housatonic River, Dalton.	3.381	MILES	5
West Branch Housatonic River	MA21-18	Headwaters, outlet of Pontoosuc Lake, Pittsfield to confluence with Southwest Branch Housatonic River (forming the headwaters of the Housatonic River), Pittsfield.	4.088	MILES	5
Willard Brook	MA21-30	Headwaters north of Salisbury Road, Sheffield to the confluence with Hubbard Brook, Sheffield	4.022	MILES	4C
Williams River	MA21-06	Source, outlet Shaker Mill Pond, West Stockbridge to confluence with Housatonic River, Great Barrington.	11.006	MILES	2
Windsor Brook	MA21-09	Source, southeast of Fobes Hill (west of Savory Road/Route 8A), Windsor to the Windsor Reservoir, Windsor.	6.11	MILES	4C
Windsor Reservoir	MA21119	Hinsdale/Windsor	74.354	ACRES	3
Ipswich					
Bear Meadow Brook	MA92-07	Headwaters in Cedar Swamp, Reading to confluence with Ipswich River, Reading/North Reading.	2.842773	MILES	3
Beaver Pond	MA92002	Beverly	18.534	ACRES	3
Berry Pond	MA92003	North Andover	3.896	ACRES	2
Black Brook	MA92-19	Outlet Cutler Pond, Hamilton to confluence with Ipswich River, Hamilton.	3.62	MILES	3
Boston Brook	MA92-13	Outlet of Towne Street Pond, North Andover to confluence with the Ipswich River, Middleton.	7.521	MILES	2

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

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Brackett Pond	MA92004	Andover	15.671	ACRES	5
Bradford Pond	MA92005	North Reading	14.169	ACRES	3
Collins Pond	MA92010	Andover	2.089	ACRES	5
Creighton Pond	MA92011	Middleton	18.66	ACRES	3
Crystal Pond	MA92013	Peabody	8.173	ACRES	5
Devils Dishfull Pond	MA92015	Peabody	14.328	ACRES	5
Eisenhaures Pond	MA92016	North Reading	11.977	ACRES	3
Elginwood Pond	MA92017	Peabody	8.502	ACRES	3
Emerson Brook Reservoir (Forest Street Pond)	MA92021	Middleton	195.429	ACRES	3
Farnum Street Pond	MA92018	North Andover	8.609	ACRES	3
Field Pond	MA92019	Andover	56.706	ACRES	4C
Fish Brook	MA92-14	Headwater, outlet Stiles Pond, Boxford to confluence with Ipswich River, Topsfield/Boxford.	8.246	MILES	2
Fourmile Pond	MA92022	Boxford	28.683	ACRES	3
Frye Pond	MA92023	Andover	7.287	ACRES	5
Gravelly Brook	MA92-18	Headwaters, Willowdale State Forest, Ipswich to confluence with Ipswich River, Ipswich.	1.518	MILES	2
Hood Pond	MA92025	Ipswich/Topsfield	67.446	ACRES	4A
Howes Pond	MA92026	Boxford	6.615	ACRES	3
Howlett Brook	MA92-17	Headwaters north of Great Hill, Topsfield to confluence with Ipswich River, Topsfield.	2.796	MILES	5
Idlewild Brook	MA92-24	Outlet of Pleasant Pond, Hamilton to confluence with Ipswich River, Hamilton.	0.809	MILES	3
Ipswich River	MA92-02	Ipswich Dam (formerly known as Sylvania Dam), Ipswich to mouth at Ipswich Bay, Ipswich.	0.411	SQUARE MILES	5
Ipswich River	MA92-06	Source at confluence of Maple Meadow Brook and Lubbers Brook, Wilmington, to Salem Beverly Waterway Canal, Topsfield.	20.415	MILES	5
Ipswich River	MA92-15	Salem Beverly Waterway Canal, Topsfield to Ipswich Dam (formerly known as Sylvania Dam), Ipswich.	10.977	MILES	5
Kimball Brook	MA92-21	Headwaters, west of Scott Hill, Ipswich to confluence with Ipswich River, Ipswich.	2.241	MILES	5
Kimballs Pond	MA92027	Boxford	7.468	ACRES	3
Labor In Vain Creek	MA92-22	South of Argilla Road, Ipswich to confluence with Ipswich River Estuary, Ipswich.	0.03	SQUARE MILES	5
Long Causeway Brook	MA92-20	Headwaters near Boston & Maine Railroad, south of Pigeon Hill, Hamilton to confluence with Miles River, Hamilton/Ipswich.	1.896231	MILES	3
Longham Reservoir	MA92030	Wenham	34.152	ACRES	3
Lowe Pond	MA92034	Boxford	35.761	ACRES	5
Lower Boston Brook Pond	MA92031	Middleton	9.333	ACRES	4C
Lower Four Mile Pond	MA92032	Boxford	18.426	ACRES	4C
Lubber Pond East	MA92035	Wilmington	6.237	ACRES	4C
Lubber Pond West	MA92036	Wilmington	9.561	ACRES	4C

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

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Lubbers Brook	MA92-05	Billerica/Burlington boundry to confluence with Maple Meadow Brook forming headwaters of Ipswich River, Wilmington.	6.329	MILES	2
Maple Meadow Brook	MA92-04	Outlet of Mill Pond, Burlington to confluence wtih Lubbers Brook, Wilmington.	4.197642	MILES	4C
Martins Brook	MA92-08	Outlet of Martins Pond, North Reading to the confluence with the Ipswich River, North Reading.	4.561	MILES	5
Martins Pond	MA92038	North Reading	89.012	ACRES	5
Middleton Pond	MA92039	Middleton	128.95	ACRES	3
Mile Brook	MA92-16	Headwaters, east of North Street, Topsfield to confluence with Ipswich River, Topsfield.	2.54	MILES	3
Miles River	MA92-03	Outlet Longham Reservoir, Beverly to confluence with Ipswich River, Ipswich.	8.892	MILES	5
Mill Pond	MA92041	Burlington	59.084	ACRES	4A
Nichols Brook	MA92-25	Headwaters (near Rowley Hill Street and Route 95 and Newburyport Turnpike) in Danvers, to confluence with the Ipswich River, Middleton.	2.475	MILES	3
Norris Brook	MA92-11	Outlet of Elginwood Pond, Peabody to confluence with Ipswich River, Danvers (Danvers/Middleton town line).	1.541	MILES	5
Pierces Pond	MA92048	Peabody	2.609	ACRES	3
Pleasant Pond	MA92049	(Idlewood Lake) Wenham/Hamilton	26.551	ACRES	5
Putnamville Reservoir	MA92052	Danvers	282.517	ACRES	3
Salem Pond	MA92057	North Andover/Andover	14.681	ACRES	5
Salem Street Pond	MA92076	North Andover	10.601	ACRES	3
Silver Lake	MA92059	Wilmington	29.874	ACRES	5
Spofford Pond	MA92060	Boxford	28.102	ACRES	3
Stearns Pond	MA92061	North Andover	42.929	ACRES	3
Stevens Pond	MA92062	Boxford	11.054	ACRES	4C
Stiles Pond	MA92063	Boxford	59.042	ACRES	2
Sudden Pond	MA92064	North Andover	5.204	ACRES	3
Suntaug Lake	MA92065	Lynnfield/Peabody	150.1	ACRES	3
Swan Pond	MA92066	North Reading	42.036	ACRES	3
Towne Pond	MA92068	Boxford/North Andover	23.362	ACRES	3
Unnamed Tributary	MA92-09	Outlet of Eisenhaures Pond, North Reading to confluence with Ipswich River, North Reading.	1.387	MILES	3
Unnamed Tributary	MA92-12	Outlet of Middleton Pond, Middleton to confluence with Ipswich River, Middleton.	1.387	MILES	5
Unnamed Tributary	MA92-23	Headwaters, east of Jeffreys Neck Road, north of Newmarch Street to confluence with Ipswich River Estuary, Ipswich. (locally known as Greenwood Creek)	0.03	SQUARE MILES	5
Unnamed Tributary	MA92-26	Unnamed intermittent tributary to Martins Brook, from source in wetland west of the Route 93/Route 125 intersection, Wilmington to confluence with Martins Brook, Wilmington.	1.3	MILES	5
Upper Boston Brook Pond	MA92070	Middleton	7.054	ACRES	3
Wenham Lake	MA92073	Beverly/Wenham	242.571	ACRES	5
Wills Brook	MA92-10	Headwater, (just north of Lowell Street) Lynnfield to confluence with Ipswich River, Lynnfield.	1.701	MILES	5

Appendix 1
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Winona Pond	MA92077	Peabody	91.393	ACRES	3
Islands					
Cape Poge Bay	MA97-08	From the outlet of The Lagoon at Toms Neck, Edgartown to the confluence with Edgartown Harbor at the Cape Poge Gut, (excluding Shear Pin Pond and Pease Pond) Edgartown, Martha's Vineyard.	2.296	SQUARE MILES	2
Chilmark Pond	MA97-05	South of South Road including Wades Cove and Gilberts Cove, Chilmark, Martha's Vineyard.	0.313379	SQUARE MILES	5
Coskata Pond	MA97-03	Pond north of Nantucket Harbor, Nantucket to confluence with Nantucket Harbor, Nantucket	0.082	SQUARE MILES	2
Cuttyhunk Pond	MA97-21	Waters west of the channel connecting Cuttyhunk Pond to Cuttyhunk Harbor, Gosnold, Elizabeth Islands. (Changed from MA95-26 to MA97-21 on 10/7/97)	0.154	SQUARE MILES	5
Edgartown Great Pond	MA97-17	excluding Jacobs Pond (PALIS# 97038) Edgartown, Martha's Vineyard.	1.355	SQUARE MILES	5
Edgartown Harbor	MA97-15	Waters west of Cape Poge Gut bounded by an imaginary line drawn from Chappaquiddick Point to Dock Street and northeasterly from the end of Plantingfield Way to Cape Poge Elbow (excluding Eel Pond), Edgartown, Martha's Vineyard.	3.086	SQUARE MILES	5
Gibbs Pond	MA97028	Nantucket	34.048	ACRES	4A
Great Point Pond	MA97-04	On Great Point, to confluence with Nantucket Sound, Nantucket	0.056	SQUARE MILES	2
Hither Creek	MA97-28	From the outlet of Madaket Ditch to Madaket Harbor at an imaginary line drawn easterly from Jackson Point to Little Neck, Nantucket	0.067	SQUARE MILES	5
Katama Bay	MA97-16	Waters south of an imaginary line from Chappaquiddick Point to Dock Street excluding Caleb Pond and Mattakeset Bay, Edgartown, Martha's Vineyard.	2.044	SQUARE MILES	5
Lagoon Pond	MA97-11	From Head of the Pond Road to confluence with Vineyard Haven Harbor at Beach Road, Tisbury/Oak Bluffs, Martha's Vineyard.	0.819	SQUARE MILES	5
Lake Tashmoo	MA97-12	Waters including Drew Cove and Rhoda Pond to confluence with Vineyard Sound at channel south of Herring Creek Road, Tisbury, Martha's Vineyard.	0.414	SQUARE MILES	5
Long Pond	MA97-29	South of Madaket Road, including White Goose Cove, Nantucket	0.121	SQUARE MILES	5
Madaket Harbor	MA97-27	Waters encompassed within imaginary lines from Eel Point to the northern tip of Esther Island, from the southern tip of Esther Island southeasterly to the opposite shore and from Jackson Point easterly to Little Neck, Nantucket	1.437	SQUARE MILES	5
Mattakeset Bay	MA97-14	Waters west of an imaginary line drawn southeasterly from Katama Point to Norton Point, Edgartown, Martha's Vineyard.	0.173	SQUARE MILES	2
Menemsha Pond	MA97-06	Waters between Nashaquitsa Pond and Menemsha Creek, Chilmark/Gay Head, Martha's Vineyard.	0.891	SQUARE MILES	2
Miacomet Pond	MA97055	Nantucket	34.227	ACRES	4A
Mill Brook	MA97-22	Outlet of Bliss Pond, Chilmark to inlet Chilmark Pond, Chilmark, Martha's Vineyard	2.392	MILES	2
Mill Brook	MA97-24	Source in wetlands west of Roth Woodland Road, Chilmark to inlet Old Millpond, West Tisbury, Martha's Vineyard	3.416	MILES	2
Nantucket Harbor	MA97-01	Waters south and east of an imaginary line drawn from Jetties Beach to Coatue Point (excluding Polpis Harbor and Coskata Pond), Nantucket.	7.16	SQUARE MILES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

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Oak Bluffs Harbor	MA97-07	North of Lake Avenue to confluence with Nantucket Sound, Oak Bluffs, Martha's Vineyard.	0.047	SQUARE MILES	5
Oyster Pond	MA97-13	Including Ripley Cove, Edgartown, Martha's Vineyard.	0.293	SQUARE MILES	3
Paint Mill Brook	MA97-23	Source east of Tea Lane, Chilmark to inlet of Paint Mill Brook Pond, Chilmark, Martha's Vineyard	0.884	MILES	2
Polpis Harbor	MA97-26	Polpis Harbor and all adjacent coves, to an imaginary line drawn from Quaise Point to the opposite shore, Nantucket.	0.302	SQUARE MILES	5
Sengekontacket Pond	MA97-10	Between East Vineyard Haven Road and Beach Road, including Majors Cove, Edgartown/Oak Bluffs, Martha's Vineyard.	1.098	SQUARE MILES	2
Sesachacha Pond	MA97-02	South of Quidnet Road and north of Polpis Road, Nantucket.	0.423	SQUARE MILES	5
Seths Pond	MA97085	West Tisbury	10.82	ACRES	5
Tiasquam River	MA97-25	Source in wetlands west of Tea Lane, Chilmark to inlet of Looks Pond, West Tisbury, Martha's Vineyard	2.83	MILES	2
Tisbury Great Pond	MA97-18	Including Town Cove, Muddy Cove, Pear Tree Cove, Short Cove, Tiah Cove, Tississa Pond, Deep Bottom Cove, and Thumb Cove, Chilmark/West Tisbury, Martha's Vineyard.	1.103	SQUARE MILES	5
Tom Nevers Pond	MA97097	Nantucket	11.221	ACRES	4A
Vineyard Haven Harbor	MA97-09	The waters south and west of an imaginary line drawn from the tip of West Chop, Tisbury and the tip of East Chop, Oak Bluffs to the confluence of Lagoon Pond at Beach Road, Tisbury/Oak Bluffs, Martha's Vineyard.	1.545	SQUARE MILES	5
Westend Pond	MA97-20	Cuttyhunk Island, Gosnold, Elizabeth Islands.	0.058	SQUARE MILES	5
Kinderhook					
Kinderhook Creek	MA12-01	Headwaters, northwest of Sheeps Heaven Mountain and east of Route 43, Hancock to New York/Massachusetts border, Hancock.	5.495	MILES	5
Merrimack					
Back River	MA84A-16	New Hampshire state line, Amesbury to inlet Clarks Pond, Amesbury.	2.7	MILES	5
Bailey Pond	MA84003	Amesbury	13	ACRES	3
Bare Meadow Brook	MA84A-18	Headwaters, Methuen to confluence with Merrimack River, Methuen.	3	MILES	5
Bartlett Brook	MA84A-36	New Hampshire state line, Dracut to inlet Mill Pond, Methuen.	3.7	MILES	5
Beaver Brook	MA84A-11	New Hampshire state line, Dracut to confluence with Merrimack River, Lowell.	4.8	MILES	5
Beaver Brook	MA84B-02	Outlet Mill Pond, Littleton to inlet Forge Pond, Westford.	4.9	MILES	5
Beaver Brook	MA84B-05	Headwaters, outlet of "Wolf Swamp", Boxborough to inlet of Mill Pond, Littleton.	5.5	MILES	3
Bennetts Brook	MA84B-06	Headwaters, north of Route 2, Harvard to the inlet of Spectacle Pond, Ayer/Littleton.	4.3	MILES	5
Black Brook	MA84A-17	Headwaters, Chelmsford to confluence with Merrimack River, Lowell.	2.3	MILES	5
Bridge Meadow Brook	MA84A-34	Headwaters, north of Chestnut Road, Tyngsborough to inlet Flint Pond, Tyngsborough.	4	MILES	2
Chadwicks Pond	MA84006	Haverhill/Boxford	173	ACRES	5
Cobbler Brook	MA84A-22	Headwaters, Merrimac to confluence with Merrimack River, Merrimac.	4.4	MILES	4C

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Creek Brook	MA84A-37	Headwaters, outlet Crystal Lake, Haverhill to confluence with Merrimack River, Haverhill.	2.3	MILES	5
Crystal Lake	MA84010	Haverhill	161	ACRES	5
Deep Brook	MA84A-21	Headwaters east of Everett Turnpike, Tyngsborough to confluence with Merrimack River, Chelmsford.	2.9	MILES	5
East Meadow River	MA84A-39	Headwaters, outlet Neal Pond, Haverhill to inlet Millvale Reservoir, Haverhill.	3	MILES	5
Fish Brook	MA84A-40	Headwaters, east of Greenwood Road, Andover to confluence with Merrimack River at Fish Brook Dam, Andover.	4.1	MILES	5
Flint Pond	MA84012	Tyngsborough	72	ACRES	5
Forest Lake	MA84014	Methuen	48	ACRES	5
Forge Pond	MA84015	Westford/Littleton	203	ACRES	4A
Haggetts Pond	MA84022	Andover	211	ACRES	5
Hoveys Pond	MA84025	Boxford	36	ACRES	5
Johnson Creek	MA84A-15	Headwaters, Groveland (excluding intermittent portion) to confluence with Merrimack River, Groveland/Haverhill.	1.1	MILES	5
Johnsons Pond	MA84027	Groveland/Boxford	194	ACRES	5
Joint Grass Brook	MA84A-32	Headwaters, between Hollis Street and Hawk Swamp, Dunstable to the confluence with Salmon Brook, Dunstable.	3.2	MILES	2
Kenoza Lake	MA84028	Haverhill	240	ACRES	5
Knops Pond/Lost Lake	MA84084	Groton	187	ACRES	4A
Lake Attitash	MA84002	Amesbury/Merrimac	369	ACRES	5
Lake Cochichewick	MA84008	North Andover	575	ACRES	5
Lake Mascuppic	MA84037	Tyngsborough/Dracut	210	ACRES	4C
Lake Pentucket	MA84051	Haverhill	38	ACRES	5
Lake Saltonstall	MA84059	Haverhill	44	ACRES	5
Lawrence Brook	MA84A-20	Headwaters, Tyngsborough (excluding intermittent portion) to confluence with Merrimack River, Tyngsborough.	2	MILES	2
Little River	MA84A-09	New Hampshire state line, Haverhill to confluence with Merrimack River, Haverhill.	4.6	MILES	5
Locust Pond	MA84031	Tyngsborough	16	ACRES	4A
Long Pond	MA84032	Dracut/Tyngsborough (size indicates portion in Massachusetts)	137	ACRES	5
Lowell Canals	MA84A-29	Canal system near Pawtucket Falls, Lowell.	4.9	MILES	5
Martins Pond Brook	MA84A-19	Outlet Martins Pond, Groton to inlet Lost Lake, Groton.	2.3	MILES	2
Massapoag Pond	MA84087	Dunstable/Groton/Tyngsborough	111	ACRES	5
Merrimack River	MA84A-01	State line at Hudson, NH/Tyngsborough, MA to Pawtucket Dam, Lowell.	9	MILES	5
Merrimack River	MA84A-02	Pawtucket Dam, Lowell to Lowell Regional Wastewater Utilities outfall at Duck Island, Lowell.	3.2	MILES	5
Merrimack River	MA84A-03	Lowell Regional Wastewater Utilities outfall at Duck Island, Lowell to Essex Dam, Lawrence.	8.8	MILES	5
Merrimack River	MA84A-04	Essex Dam, Lawrence to confluence with Little River, Haverhill.	10	MILES	5
Merrimack River	MA84A-05	Confluence Little River, Haverhill to confluence Indian River, West Newbury/Amesbury.	1.83	SQUARE MILES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Merrimack River	MA84A-06	Confluence Indian River, West Newbury/Amesbury to mouth at Atlantic Ocean, Newburyport/Salisbury (includes Back River, Salisbury).	4.46	SQUARE MILES	5
Merrimack River	MA84A-26	The Basin in the Merrimack River Estuary, Newbury/Newburyport.	0.17	SQUARE MILES	5
Mill Pond	MA84038	[North Basin] Littleton	30	ACRES	5
Mill Pond	MA84039	West Newbury	18	ACRES	3
Mill Pond	MA84081	[South Basin] Littleton	12	ACRES	5
Millvale Reservoir	MA84041	Haverhill	44	ACRES	5
Nabnasset Pond	MA84044	Westford	134	ACRES	4A
Newfield Pond	MA84046	Chelmsford	77	ACRES	5
Peppermint Brook	MA84A-35	Headwaters, outlet of unnamed pond east of Route 38, Dracut to confluence with Beaver Brook, Dracut.	2.7	MILES	5
Plum Island River	MA84A-27	From Chaces Island, Merimack River Estuary, to the "high sandy" sand bar just north of the confluence with Pine Island Creek, Newbury (formerly encompassed in MA84A-23).	0.13	SQUARE MILES	5
Powwow River	MA84A-08	Tidal portion, just downstream of Main Street, Amesbury to confluence with Merrimack River, Amesbury.	0.06	SQUARE MILES	5
Powwow River	MA84A-25	Outlet of Lake Gardner, Amesbury to tidal portion, just downstream of Main Street, Amesbury.	0.6	MILES	5
Powwow River	MA84A-28	Headwaters, outlet Tuxbury Pond, Amesbury to New Hampshire state line, Amesbury.	2.9	MILES	5
Reed Brook	MA84B-08	Headwaters, south of the West Street/Cowdry Hill Road intersection, Westford to the confluence with Stony Brook, Westford.	0.6	MILES	2
Richardson Brook	MA84A-12	Headwaters, Dracut (excluding intermittent portion) to confluence with Merrimack River, Dracut.	1.9	MILES	5
Salmon Brook	MA84A-33	Headwaters, outlet Lower Massapoag Pond, Dunstable to New Hampshire state line, Dunstable.	2.9	MILES	2
South Branch Souhegan River	MA84A-31	Headwaters, outlet Watatic Pond, Ashburnham to New Hampshire state line, Ashby.	3	MILES	2
Spectacle Pond	MA84089	Littleton/Ayer	79	ACRES	5
Spicket River	MA84A-10	New Hampshire state line, Methuen to confluence with Merrimack River, Lawrence.	5.8	MILES	5
Stevens Pond	MA84064	North Andover	23	ACRES	5
Stony Brook	MA84B-03	Outlet Forge Pond, Westford to Brookside Road, Westford.	6.5	MILES	5
Stony Brook	MA84B-04	Brookside Road, Westford to confluence with Merrimack River, Chelmsford.	3.4	MILES	5
Tadmuck Brook	MA84B-07	Headwaters south of Main Street, Westford to confluence with Stony Brook, Westford.	1.4	MILES	5
Trout Brook	MA84A-13	Headwaters, Dracut to confluence with Richardson Brook, Dracut.	2.6	MILES	5
Trull Brook	MA84A-14	Source, Tewksbury (excluding intermittent portion) to confluence with Merrimack River, Tewksbury.	2.1	MILES	5
Unnamed Tributary	MA84A-30	Unnamed tributary to Powwow River locally considered portion of Back River from outlet of Clarks Pond, Amesbury to confluence with Powwow River, Amesbury (formerly portion of segment MA84A-16).	0.003	SQUARE MILES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Unnamed Tributary	MA84A-38	(Locally known as Argilla Brook) Unnamed tributary to Johnson Creek (excluding intermittent portion) from Center Street, Groveland to confluence with Johnson Creek, Groveland.	1.3	MILES	2
Unnamed Tributary	MA84B-01	(Locally known as Reedy Meadow Brook) Headwaters, outlet of small unnamed impoundment upstream of Bruce Street, Littleton to inlet Mill Pond, Littleton.	1.5	MILES	5
Uptons Pond	MA84075	Tyngsborough	6	ACRES	3
Ward Pond	MA84096	PALIS id changed from 35094 to 84096 on October 10, 1997. (WBID from MA35094 to MA84096) Ashburnham	54	ACRES	5
Millers					
Bassett Pond	MA35002	New Salem	26.012	ACRES	3
Beaver Brook	MA35-09	Fernald School discharge, Templeton to confluence with Millers River, Royalston.	3.426302	MILES	5
Beaver Flowage Pond	MA35005	(Beaver Pond) Royalston	38.034	ACRES	3
Bents Pond	MA35006	Hubbardston	28.747	ACRES	3
Bents Pond	MA35007	Gardner	6.158	ACRES	4A
Bourn-Hadley Pond	MA35008	Templeton	25.788	ACRES	4A
Bowens Pond	MA35009	Wendell	16.774	ACRES	3
Boyce Brook	MA35-17	NH State Line, Royalston to confluence with East Branch Tully River, Royalston.	3.227	MILES	5
Brazell Pond	MA35010	Templeton	14.669	ACRES	4A
Cowee Pond	MA35013	Gardner	18.263	ACRES	3
Crystal Lake	MA35014	Gardner	142.259	ACRES	3
Davenport Pond	MA35015	Petersham/Athol	30.42	ACRES	3
Depot Pond	MA35018	(Railroad Pond) Templeton	15.208	ACRES	4A
Dunn Pond	MA35021	Gardner	17.997	ACRES	2
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	5
East Templeton Pond	MA35022	Templeton	8.891	ACRES	3
Ellis Pond	MA35023	Athol	87.539	ACRES	4A
Gales Pond	MA35024	Warwick	11.732	ACRES	5
Greenwood Pond	MA35025	Westminster	26.984	ACRES	3
Greenwood Pond	MA35026	Templeton	12.451	ACRES	4A
Hastings Pond	MA35028	Warwick	18.311	ACRES	3
Hilchey Pond	MA35029	Gardner	7.61	ACRES	4A
Kendall Pond	MA35034	Gardner	21.907	ACRES	3
Keyup Brook	MA35-16	Headwaters Great Swamp Northfield State Forest, Northfield, to confluence with Millers River, Erving.	4.968	MILES	5
Lake Denison	MA35017	Winchendon	83.492	ACRES	4A
Lake Mattawa	MA35112	(PALIS ID Changed on 10/6/97 from 36092 to 35112 - Concurently changed WBID to reflect this change - See PALIS for details) Orange	111.982	ACRES	2
Lake Monomonac	MA35047	Massachusetts portion only. Winchendon/Rindge,N.H.	185.507	ACRES	5
Lake Rohunta	MA35070	(Middle Basin) Athol/Orange/New Salem	208.954	ACRES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Lake Rohunta	MA35106	(North Basin) Athol/Orange	34.359	ACRES	4A
Lake Rohunta	MA35107	(South Basin) New Salem	41.63	ACRES	5
Lake Watatic	MA35095	Ashburnham	133.102	ACRES	3
Laurel Lake	MA35035	Erving/Warwick	44.426	ACRES	5
Lawrence Brook	MA35-13	New Hampshire state line, Royalston through Doane Falls to confluence with East Branch Tully River, Royalston.	7.124	MILES	5
Little Pond	MA35037	Royalston	9.977	ACRES	3
Lower Naukeag Lake	MA35041	Ashburnham	295.481	ACRES	3
Lyons Brook	MA35-19	Outlet of Ruggles Pond, Wendell to confluence with Millers River, Montague/Wendell	2.119	MILES	5
Millers River	MA35-01	Outlet of Whitney Pond, Winchendon to Winchendon WWTP, Winchendon.	3.303	MILES	5
Millers River	MA35-02	Winchendon WWTP, Winchendon to confluence with Otter River, Winchendon.	5.609	MILES	5
Millers River	MA35-03	Confluence with Otter River, Winchendon to South Royalston USGS Gage, Royalston.	3.516031	MILES	5
Millers River	MA35-04	South Royalston USGS Gage, Royalston to Erving Center WWTP (formerly known as Erving Paper Company), Erving.	18.462	MILES	5
Millers River	MA35-05	Erving Center WWTP (formerly known as Erving Paper Company), Erving to confluence with Connecticut River, Erving.	9.21	MILES	5
Millers River	MA35-20	Outlet of Sunset Lake, Ashburnham to inlet of Whitney Pond, Winchendon.	6.362	MILES	3
Minott Pond	MA35046	Westminster	8.439	ACRES	3
Minott Pond South	MA35045	Westminster	27.319	ACRES	3
Moores Pond	MA35048	Warwick	39.114	ACRES	4A
Mormon Hollow Brook	MA35-15	Headwaters just north of Montague Road, Wendell to confluence with Millers River, Wendell.	3.825	MILES	5
North Branch Millers River	MA35-21	Outlet of Lake Mononomac, Winchendon to inlet of Whitney Pond, Winchendon	2.006	MILES	5
North Spectacle Pond	MA35052	New Salem	42.893	ACRES	3
Otter River	MA35-06	Source, Hubbardston (north of Pitcherville Road) to Gardner WWTP, Gardner/Templeton.	4.304796	MILES	2
Otter River	MA35-07	Gardner WWTP, Gardner/Templeton to Seaman Paper Dam, Templeton.	4.379	MILES	5
Otter River	MA35-08	Seaman Paper Dam, Templeton to confluence with Millers River, Winchendon.	5.548	MILES	5
Packard Pond	MA35053	Orange	43.116	ACRES	3
Parker Pond	MA35056	Gardner	32.188	ACRES	4A
Partridgeville Pond	MA35057	Templeton	37.685	ACRES	3
Perley Brook Reservoir	MA35059	Gardner	54.682	ACRES	3
Phillipston Reservoir	MA35060	Philipston/Athol	19.931	ACRES	3
Priest Brook	MA35-10	Headwaters at the confluence of Towne and Scott Brooks, Royalston to the confluence with the Millers River, Winchendon. (According to SARIS includes lower portion of Scott Brook.)	6.826	MILES	2
Ramsdall Pond	MA35062	Gardner	2.145	ACRES	4A
Reservoir No. 1	MA35063	Athol	7.684	ACRES	4A
Reservoir No. 2	MA35064	Phillipston/Athol (Secret Lake)	48.32	ACRES	3
Riceville Pond	MA35065	Athol/Petersham	61.372	ACRES	3

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Richards Reservoir	MA35067	Warwick	21.202	ACRES	3
Royalston Road Pond	MA35071	Orange	5.306	ACRES	3
Ruggles Pond	MA35072	Wendell	14.832	ACRES	2
Sheomet Lake	MA35074	Warwick	30.583	ACRES	3
South Athol Pond	MA35078	Athol	82.785	ACRES	4A
South Spectacle Pond	MA35081	New Salem	37.892	ACRES	3
Sportsmans Pond	MA35082	Athol	92.724	ACRES	3
Stoddard Pond	MA35083	Winchendon	51.848	ACRES	4A
Sunset Lake	MA35086	Ashburnham/Winchendon	274.257	ACRES	3
Tully Lake	MA35111	Royalston/Athol	213.679	ACRES	3
Tully Pond	MA35089	Orange	70.152	ACRES	3
Tully River	MA35-14	Confluence East and West Branches Tully River, Orange/Athol to confluence with Millers River, Athol.	1.585	MILES	5
Upper Naukeag Lake	MA35090	Ashburnham	305.262	ACRES	4A
Upper Reservoir	MA35091	Westminster	41.563	ACRES	4A
Wallace Pond	MA35092	Ashburnham	46.086	ACRES	3
Ward Pond	MA35093	Athol	5.899	ACRES	3
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	5
Wheelers Pond	MA35097	Warwick	28.286	ACRES	3
Whetstone Brook	MA35-18	Headwaters northeast of Orcutt Hill near New Salem Rd, Wendell to confluence with Millers River, Wendell.	4.885	MILES	5
White Pond	MA35098	Athol	62.629	ACRES	4C
Whites Mill Pond	MA35099	Winchendon	42.426	ACRES	5
Whitney Pond	MA35101	Winchendon	96.839	ACRES	5
Wickett Pond	MA35102	Wendell	29.931	ACRES	3
Wrights Reservoir	MA35104	Gardner/Westminster	130.848	ACRES	3
Mount Hope Bay					
Cole River	MA61-03	Wood Street, Swansea to Route 6, Swansea	1.6	MILES	4C
Cole River	MA61-04	Route 6, Swansea to the mouth at Mount Hope Bay at old railway grade, Swansea	0.31	SQUARE MILES	5
Cook Pond	MA61001	Fall River, MA/Tiverton, RI	157	ACRES	3
Kickamuit River	MA61-08	Outlet Warren Resevoir, Swansea, to state line, Swansea, MA/Warren, RI	2.8	MILES	4A
Lee River	MA61-01	From confluence with Lewin Brook, Swansea to Route 6, Swansea/Somerset	0.02	SQUARE MILES	5
Lee River	MA61-02	Route 6, Swansea/Somerset to mouth at Mount Hope Bay, Swansea/Somerset	0.51	SQUARE MILES	5
Lewin Brook Pond	MA61011	Swansea	11	ACRES	4A
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 Braton Point Somerset to MA/RI border approximately 3/4 of a mile due east of Spar Island, RI	2.29	SQUARE MILES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

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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	5
North Watuppa Pond	MA61004	Fall River/Westport	1730	ACRES	4A
Quequechan River	MA61-05	Outlet South Watuppa Pond, Fall River to confluence with the Taunton River/Mount Hope Bay (at Braga Bridge), Fall River	2.4	MILES	4C
Sawdy Pond	MA61005	Westport/Fall River	368	ACRES	4A
South Watuppa Pond	MA61006	Fall River/Westport	1473	ACRES	3
Mystic					
Aberjona River	MA71-01	Source just south of Birch Meadow Drive, Reading to inlet Upper Mystic Lake at Mystic Valley Parkway, Winchester (portion culverted underground). (through former pond segments Judkins Pond MA71021 and Mill Pond MA71031).	9.1	MILES	5
Alewife Brook	MA71-04	Outlet of Little Pond, Belmont to confluence with Mystic River, Arlington/Somerville (portion in Belmont and Cambridge identified as Little River with name changing to Alewife Brook at Arlington corporate boundary).	2.3	MILES	5
Belle Isle Inlet	MA71-14	From tidegate at Bennington Street, Boston/Revere to confluence with Winthrop Bay, Boston/Winthrop.	0.12	SQUARE MILES	5
Bellevue Pond	MA71004	Medford	2	ACRES	3
Blacks Nook	MA71005	Cambridge	2	ACRES	5
Chelsea River	MA71-06	From confluence with Mill Creek, Chelsea/Revere to confluence with Boston Inner Harbor, Chelsea/East Boston/Charlestown.	0.38	SQUARE MILES	5
Clay Pit Pond	MA71011	Belmont	12	ACRES	5
Cummings Brook	MA71-10	Headwaters east of Wright Street, Woburn to confluence with Fowle Brook, Woburn.	2.1	MILES	3
Ell Pond	MA71014	Melrose	23	ACRES	5
Hills Pond	MA71018	Arlington	2	ACRES	4C
Horn Pond	MA71019	Woburn	108	ACRES	5
Lower Mystic Lake	MA71027	Arlington/Medford	93	ACRES	5
Malden River	MA71-05	Headwaters south of Exchange Street, Malden to confluence with Mystic River, Everett/Medford.	2.3	MILES	5
Mill Brook	MA71-07	Headwaters south of Massachusetts Avenue, Lexington to inlet of Lower Mystic Lake, Arlington (portions culverted underground).	3.9	MILES	5
Mill Creek	MA71-08	From Route 1, Chelsea/Revere to confluence with Chelsea River, Chelsea/Revere.	0.02	SQUARE MILES	5
Mystic River	MA71-02	Outlet Lower Mystic Lake, Arlington/Medford to Amelia Earhart Dam, Somerville/Everett.	4.9	MILES	5
Mystic River	MA71-03	Amelia Earhart Dam, Somerville/Everett to confluence with Boston Inner Harbor, Chelsea/Charlestown (Includes Island End River).	0.49	SQUARE MILES	5
Sales Crrek	MA71-12	Headwaters near Route 145, Revere to tidegate/confluence with Belle Isle Inlet, Boston/Revere.	0.008	SQUARE MILES	3
Shaker Glen Brook	MA71-11	Headwaters, west of Dix Road Extention, Woburn to confluence with Fowle Brook, Woburn (portion culverted underground).	1.5	MILES	3

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Spot Pond	MA71039	Stoneham/Medford	290	ACRES	3
Spy Pond	MA71040	Arlington	98	ACRES	5
Unnamed Tributary	MA71-13	Unnamed tributary locally known as 'Meetinghouse Brook', from emergence south of Route 16/east of Winthrop Street, Medford to confluence with the Mystic River, Medford. (brook not apparent on 1985 Boston North USGS quad - 2005 orthophotos used to delineate stream)	0.1	MILES	5
Upper Mystic Lake	MA71043	Winchester/Arlington/Medford	176	ACRES	5
Wedge Pond	MA71045	Winchester	23	ACRES	5
Winn Brook	MA71-09	Headwaters near Juniper Road and the Belmont Hill School, Belmont to confluence with Little Pond, Belmont (portions culverted underground).	1.4	MILES	5
Winter Pond	MA71047	Winchester	18	ACRES	5
Narragansett Bay					
Bad Luck Brook	MA53-11	Headwaters, outlet Warren Upper Reservoir, Rehoboth to confluence with East Branch Palmer River, Rehoboth	1.7	MILES	3
Beaverdam Brook	MA53-10	Headwaters, southeast of Chestnut Street, Rehoboth to confluence with Palmer River, Rehoboth	2.9	MILES	3
Clear Run Brook	MA53-13	Headwaters, outlet unnamed pond northwest of Miller Street, Seekonk to confluence with Palmer River, Rehoboth	1.6	MILES	4A
East Branch Palmer River	MA53-08	Headwaters, near Stevens Corner Cemetery, Rehoboth to confluence with West Branch Palmer River (forming Palmer River), Rehoboth	7.2	MILES	3
Fullers Brook	MA53-12	Headwaters in wetland north of Jacobs Street, Seekonk to confluence with Palmer River, Rehoboth	1.7	MILES	3
Oak Swamp Brook	MA53-15	Headwaters in Oak Swamp east of School Street, Rehoboth to confluence with Rocky Run, Rehoboth	3	MILES	3
Palmer River	MA53-03	From Route 6 bridge, Rehoboth to state line, Swansea, MA/Barrington, RI	0.11	SQUARE MILES	4A
Palmer River	MA53-04	From confluence of East and West Branches of the Palmer River, Rehoboth to the Shad Factory Pond dam, Rehoboth	5.6	MILES	5
Palmer River	MA53-05	From the Shad Factory Pond dam, Rehoboth to the Route 6 bridge, Rehoboth	0.09	SQUARE MILES	4A
Rocky Run	MA53-16	Headwaters in wetland east of Simmons Street, Rehoboth to approximately 0.1 mile east of Mason Street, Rehoboth	8.6	MILES	4A
Rocky Run	MA53-18	approximately 0.1 mile east of Mason Street, Rehoboth to confluence with Palmer River, Rehoboth	0.002	SQUARE MILES	4A
Rumney Marsh Brook	MA53-09	Headwaters, east of Locust Avenue, Rehoboth to confluence with Beaverdam Brook, Rehoboth	1.3	MILES	3
Runnins River	MA53-01	Route 44, Seekonk to Mobile Dam, Seekonk, MA/East Providence, RI (through Burrs Pond formerly segment MA53001)	3.7	MILES	5
Torrey Creek	MA53-14	Headwaters in wetland east of Benson Avenue, Seekonk to Barney Avenue, Rehoboth (includes culverted section near Seekonk Speedway, Seekonk)	2.1	MILES	3
Torrey Creek	MA53-17	From Barney Avenue, Rehoboth to confluence with Palmer River, Rehoboth	0.004	SQUARE MILES	4A
Warren River Pond	MA53-06	Salt pond in Swansea on MA/RI border (portion in MA only)	0.06	SQUARE MILES	4A

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
West Branch Palmer River	MA53-07	From confluence of Bliss Brook, Rehoboth to confluence with East Branch Palmer River (forming Palmer River), Rehoboth	3.8	MILES	3
Nashua					
Ashby Reservoir	MA81001	Ashby	36	ACRES	3
Asnebumskit Brook	MA81-56	From outlet Eagle Lake, Holden to the confluence with the Quinapoxet River, Holden.	2.9	MILES	5
Asnebumskit Pond	MA81002	Paxton	43	ACRES	3
Baker Brook	MA81-62	From headwaters at confluence of Pearl Hill and Falulah brooks, Fitchburg to confluence with North Nashua River, Fitchburg	2.5	MILES	3
Ball Brook	MA81-45	Headwaters, north of Sterling Road, Holden to the confluence with the Stillwater River, Sterling.	1.6	MILES	2
Bare Hill Pond	MA81007	Harvard	311	ACRES	4A
Barrett Pond	MA81162	Leominster	7	ACRES	3
Bartlett Pond	MA81008	Lancaster	5	ACRES	5
Bartlett Pond	MA81009	Leominster	23	ACRES	3
Bixby Reservoir	MA81010	Townsend	21	ACRES	3
Catacoonamug Brook	MA81-16	Outlet Lake Shirley, Lunenburg to confluence with Nashua River, Shirley/Harvard.	3.2	MILES	2
Chaffin Pond	MA81017	Holden	90	ACRES	4C
Chaffins Brook	MA81-33	Headwaters south of Malden Street/west of Wachusett Street, Holden to inlet of Unionville Pond, Holden.	0.9	MILES	2
Coachlace Pond	MA81019	Clinton	31	ACRES	3
Connelly Brook	MA81-57	Headwaters, southwest of Rowley Hill Road, Sterling to the inlet of The Quag, Sterling.	2.9	MILES	2
Coon Tree Pond	MA81168	Pepperell	29	ACRES	3
Crocker Pond	MA81025	Westminster	101	ACRES	3
Dawson Pond	MA81028	Holden	22	ACRES	4C
Eagle Lake	MA81034	Holden	56	ACRES	4C
East Wachusett Brook	MA81-30	Headwaters northeast of Little Wachusett Mountain, Princeton to confluence with Stillwater River, Sterling.	4.6	MILES	2
East Waushacum Pond	MA81035	Sterling	182	ACRES	3
Fall Brook	MA81-38	From the outlet of Fall Brook Reservoir, Leominster to the inlet of Lake Samoset, Leominster (formerly part of segment MA81-14).	1.3	MILES	3
Fall Brook	MA81-39	From the outlet of Lake Samoset, Leominster to the confluence with the North Nashua River, Leominster (formerly part of segment MA81-14).	3	MILES	2
Fall Brook Reservoir	MA81038	Leominster	88	ACRES	3
FALULAH BROOK	MA81-63	Headwaters near Ringe Road, Ashby to confluence with Pearl Hill Brook, forming headwaters Baker Brook, Fitchburg (excluding approximately 0.6 miles through Lovell Reservoir segment MA81074)	6	MILES	3
Fitchburg Reservoir	MA81043	Ashby	150	ACRES	3
Flag Brook	MA81-10	Outlet Crocker Pond, Westminster to confluence with North Nashua River, Fitchburg (excluding approximately 0.7 miles through Sawmill Pond segment MA81118).	2.2	MILES	2

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Flannagan Pond	MA81044	Ayer	80	ACRES	4C
Fort Pond	MA81046	Lancaster	76	ACRES	5
French Brook	MA81-48	Headwaters, west of Linden Street, Boylston to the inlet of Wachusett Reservoir (Andrews Harbor), Boylston.	1.4	MILES	2
Gates Brook	MA81-24	Headwaters west of Prospect Street, West Boylston to inlet Wachusett Reservoir (Gates Cove), West Boylston.	3.4	MILES	5
Grove Pond	MA81053	Ayer	67	ACRES	5
Haynes Reservoir	MA81055	Leominster	56	ACRES	3
Heald Pond	MA81056	Pepperell	28	ACRES	3
Hickory Hills Lake	MA81031	Lunenburg	310	ACRES	4A
Houghton Brook	MA81-55	Headwaters, south of Merrill Road, Sterling to confluence with Stillwater River, Sterling.	1.5	MILES	2
Hy-Crest Pond	MA81060	Sterling	104	ACRES	3
James Brook	MA81-20	Headwaters, Groton to confluence with Nashua River, Ayer/Groton.	3.9	MILES	5
Justice Brook	MA81-41	Headwaters, outlet Stuart Pond, Sterling to confluence with Keyes Brook forming headwaters Stillwater River, Princeton/Sterling.	1	MILES	2
Kendall Reservoir	MA81062	Holden	179	ACRES	3
Keyes Brook	MA81-40	Headwaters, outlet Paradise Pond, Princeton to confluence with Justice Brook forming headwaters Stillwater River, Princeton/Sterling.	3.2	MILES	2
Lake Samoset	MA81116	Leominster	35	ACRES	4C
Lake Shirley	MA81122	Lunenburg	360	ACRES	5
Lake Wampanoag	MA81151	Ashburnham/Gardner	224	ACRES	4A
Lake Whalom	MA81154	Lunenburg/Leominster	96	ACRES	4C
Lancaster Millpond	MA81065	Clinton	21	ACRES	3
Lincoln Pond	MA81070	Ashburnham	31	ACRES	3
Long Pond	MA81073	Ayer/Groton	46	ACRES	3
Lovell Reservoir	MA81074	Fitchburg	35	ACRES	3
Lower Crow Hill Pond	MA81026	Princeton/Westminster	14	ACRES	3
Malagasco Brook	MA81-29	Headwaters southwest of Apron Hill, Boylston through Pine Swamp to the inlet of Wachusett Reservoir (South Bay), Boylston.	2.4	MILES	5
Malden Brook	MA81-27	Headwaters northeast of Lee Street, West Boylston to the inlet of Wachusett Reservoir (Thomas Basin), West Boylston.	1.9	MILES	2
Maple Spring Pond	MA81077	Holden	39	ACRES	3
Massapoag Pond	MA81080	Lunenburg	64	ACRES	3
Meetinghouse Pond	MA81083	Westminster	151	ACRES	3
Mirror Lake	MA81084	Fitchburg	6	ACRES	3
Mirror Lake	MA81085	Harvard	28	ACRES	5
Monoosnuc Brook	MA81-13	Outlet of Simonds Pond, Leominster to confluence with North Nashua River, Leominster (through former pond segments Pierce Pond MA 81101 and Rockwell Pond MA81112).	6.1	MILES	5
Morse Reservoir	MA81086	Leominster	15	ACRES	3

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Muddy Brook	MA81-28	Headwaters west of Shrewsbury Street, West Boylston to inlet of Wachusett Reservoir (South Bay), West Boylston.	0.8	MILES	5
Mulpus Brook	MA81-36	Headwaters, north of Howard Street, Lunenburg to the inlet of Hickory Hills Lake, Lunenburg (formerly part of segment MA81-22).	3.8	MILES	3
Mulpus Brook	MA81-37	From the outlet of Hickory Hills Lake, Lunenburg to the confluence with the Nashua River, Shirley (formerly part of segment MA81-22).	6.3	MILES	5
Muschopauge Pond	MA81089	Rutland	61	ACRES	3
Nashua River	MA81-05	Confluence with North Nashua River, Lancaster to confluence with Squannacook River, Shirley/Groton/Ayer.	14.2	MILES	5
Nashua River	MA81-06	Confluence with Squannacook River, Shirley/Groton/Ayer to Pepperell Dam, Pepperell. (through Pepperell Pond formerly segment MA81167)	9.1	MILES	5
Nashua River	MA81-07	Pepperell Dam, Pepperell to New Hampshire state line, Pepperell/Dunstable.	3.7	MILES	5
Nashua River	MA81-08	("South Branch" Nashua River) Outlet Lancaster Millpond, Clinton to Clinton WWTP discharge, Clinton.	2.8	MILES	2
Nashua River	MA81-09	("South Branch" Nashua River) Clinton WWTP discharge, Clinton to confluence with North Nashua River, Lancaster.	1.8	MILES	5
Nissitissit River	MA81-21	New Hampshire state line, Pepperell to confluence with Nashua River, Pepperell.	4.6	MILES	5
Nonacoicus Brook	MA81-17	Outlet Plow Shop Pond, Ayer to confluence with Nashua River, Ayer/Shirley.	1.4	MILES	5
North Nashua River	MA81-01	Outlet Snows Millpond, Fitchburg to Fitchburg Paper Company Dam #1, Fitchburg.	1.7	MILES	5
North Nashua River	MA81-02	Fitchburg Paper Company Dam #1, Fitchburg to Fitchburg East WWTP outfall, Leominster.	6.9	MILES	5
North Nashua River	MA81-03	Fitchburg East WWTP outfall, Leominster to Leominster WWTP outfall, Leominster.	1.6	MILES	5
North Nashua River	MA81-04	Leominster WWTP outfall, Leominster to confluence with Nashua River, Lancaster.	10.4	MILES	5
Notown Reservoir	MA81092	Leominster	240	ACRES	3
Paradise Pond	MA81097	Princeton	61	ACRES	4C
Partridge Pond	MA81098	Westminster	25	ACRES	5
Phillips Brook	MA81-12	Outlet Winnekeag Lake, Ashburnham to Westminster Street (Route 2A/31), Fitchburg.	8.4	MILES	2
Pine Hill Reservoir	MA81102	Paxton/Holden/Rutland	336	ACRES	3
Plow Shop Pond	MA81103	Ayer	29	ACRES	5
Poor Farm Brook	MA81-52	Headwaters east of Salisbury Street, Holden to inlet Chaffin Pond, Holden.	1.2	MILES	2
Quinapoxet Reservoir	MA81108	Holden/Princeton	266	ACRES	3
Quinapoxet River	MA81-32	Outlet Quinapoxet Reservoir, Holden to inlet of Wachusett Reservoir (Thomas Basin), West Boylston.	7.9	MILES	4C
Robbins Pond	MA81111	Harvard	11	ACRES	4C
Rocky Brook	MA81-42	Headwaters, outlet Hy-Crest Pond, Sterling to confluence with Stillwater River, Sterling.	3	MILES	2
Round Meadow Pond	MA81114	Westminster	54	ACRES	3
Sandy Pond	MA81117	Ayer	69	ACRES	3

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Sawmill Pond	MA81118	Fitchburg/Westminster	65	ACRES	4C
Scanlon Brook	MA81-44	Headwaters, west of Birch Drive, Sterling to the confluence with the Stillwater River, Sterling.	1.5	MILES	2
Scarletts Brook	MA81-25	Headwaters west of West Boylston Street (Route 12), West Boylston to confluence with Gates Brook, West Boylston.	0.5	MILES	2
Scott Reservoir	MA81119	Fitchburg	33	ACRES	3
Snows Millpond	MA81127	Fitchburg/Westminster	38	ACRES	3
South Meadow Pond	MA81129	[East Basin] Clinton	37	ACRES	3
South Meadow Pond	MA81165	[West Basin] Clinton/Lancaster	34	ACRES	3
Spectacle Pond	MA81132	Lancaster	61	ACRES	3
Squannacook River	MA81-18	Confluence Mason and Willard brooks, Townsend to Hollingsworth and Vose Dam, Groton/Shirley. (through Harbor Pond formerly segment MA81054)	12.6	MILES	5
Squannacook River	MA81-19	Hollingsworth and Vose Dam, Groton/Shirley to confluence with Nashua River, Shirley/Groton/Ayer.	3.7	MILES	2
Still River	MA81-15	From Route 117, Bolton to confluence with Nashua River, Harvard/Lancaster.	2.7	MILES	3
Still River	MA81-60	Headwaters, Lancaster to Route 117, Bolton (formerly the upper portion of MA81-15).	0.6	MILES	5
Stillwater River	MA81-31	Confluence of Justice and Keyes brooks, Princeton/Sterling to the inlet of Wachusett Reservoir (Stillwater Basin), Sterling.	6.7	MILES	2
Streeter Pond	MA81136	Paxton/Holden	18	ACRES	3
Stuart Pond	MA81137	Sterling	42	ACRES	4C
Stump Pond	MA81171	Holden	27	ACRES	4C
Sucker Brook	MA81-23	Outlet Coon Tree Pond, Pepperell to confluence with Nissitissit River, Pepperell.	4	MILES	2
The Quag	MA81170	Sterling	32	ACRES	3
Trout Brook	MA81-26	Outlet Cournoyer Pond, Holden to confluence with Quinepoxet River, Holden.	1.9	MILES	2
Unionville Pond	MA81143	Holden	19	ACRES	4C
Unnamed Tributary	MA81-35	AKA-"Lower Chaffin Brook" - Outlet Unionville Pond, Holden to confluence with Quinepoxet River, Holden.	0.5	MILES	5
Unnamed tributary	MA81-46	Unnamed tributary to Rocky Brook from headwaters south of Upper North Row Road, Sterling to the confluence with Rocky Brook, Sterling.	0.7	MILES	2
Unnamed tributary	MA81-49	Unnamed tributary to Wachusett Reservoir, from headwaters, outlet Carrolls Pond, West Boylston to inlet Wachusett Reservoir, West Boylston.	0.8	MILES	2
Unnamed tributary	MA81-50	Unnamed tributary to Wachusett Reservoir, from headwaters, east of Linden Street, Boylston to the inlet of Wachusett Reservoir (Hastings Cove), Boylston.	1.3	MILES	2
Unnamed tributary	MA81-51	Unnamed tributary to Quinapoxet River, from headwaters, south of Malden Street, Holden to the confluence with the Quinapoxet River, Holden.	1.5	MILES	2
Unnamed tributary	MA81-54	Unnamed tributary to Wachusett Reservoir, from headwaters, west of Route 140, West Boylston to inlet of Wachusett Reservoir (Stillwater Basin), West Boylston.	0.8	MILES	2
Unnamed tributary	MA81-58	Unnamed tributary to Quinapoxet Reservoir, from headwaters, west of Route 68, Rutland to the confluence with an unnamed tributary to the Quinapoxet Reservoir west of Bryant Road, Holden.	1.3	MILES	2

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Unnamed tributary	MA81-59	Unnamed tributary to Quinapoxet River, from headwaters, southwest of Hog Hill, Sterling to the confluence with the Quinapoxet River, Sterling.	1.6	MILES	2
Unnamed Tributary	MA81-61	Unnamed tributary to the North Nashua River, locally considered a portion of Wekepeke Brook, from the outlet of Bartlett Pond to the confluence with the North Nashua River, Lancaster.	0.3	MILES	5
Unnamed Tributary (Boylston Brook)	MA81-34	Unnamed tributary locally known as "Boylston Brook." Headwaters north of French Drive, Boylston to the confluence with Potash Brook, Boylston.	0.5	MILES	2
Upper Crow Hill Pond	MA81169	Westminster	5	ACRES	3
Vinton Pond	MA81145	Townsend	16	ACRES	3
Wachusett Lake	MA81146	Westminster/Princeton	129	ACRES	3
Wachusett Reservoir	MA81147	Boylston/West Boylston/Clinton/Sterling	3967	ACRES	4A
Warren Tannery Brook	MA81-53	Headwaters, north of Route 122A, Holden to confluence with Asnebumskit Brook, Holden.	1.4	MILES	2
Waushacum Brook	MA81-47	Headwaters, outlet West Waushacum Pond, Sterling to inlet of Wachusett Reservoir (Stillwater Basin), West Boylston.	1.8	MILES	2
West Waushacum Pond	MA81153	Sterling	111	ACRES	3
White Pond	MA81155	Lancaster/Leominster	47	ACRES	4C
Whitman River	MA81-11	Outlet Lake Wampanoag, Ashburnham to inlet Snows Millpond, Fitchburg (excluding the approximately 1.2 miles through Whitmanville Reservoir segment MA81109 and the approximately 0.8 miles through Crocker Pond segment MA81025).	6.3	MILES	2
Whitmanville Reservoir	MA81109	Westminster/Ashburnham	107	ACRES	3
Wilder Brook	MA81-43	Headwaters west of Osgood Road, Sterling to confluence with Stillwater River, Sterling.	2.3	MILES	2
Winnekeag Lake	MA81157	Ashburnham	112	ACRES	3
Wright Pond	MA81159	[West Basin] Ashby	21	ACRES	3
Wyman Pond	MA81161	Westminster	198	ACRES	4C
Neponset					
Beaver Brook	MA73-19	Headwaters near Moose Hill Street, Sharon through Sawmill Pond to confluence with Massapoag Brook, Sharon.	3.5	MILES	5
Beaver Meadow Brook	MA73-20	Outlet of Glenn Echo Pond, Stoughton, to the inlet of Bolivar Pond, Canton.	3.3	MILES	5
Billings Street/East Street Pond	MA73065	Sharon	2	ACRES	4C
Blue Hills Reservoir	MA73004	Quincy	12	ACRES	3
Bolivar Pond	MA73005	Canton	20	ACRES	5
Bubbling Brook	MA73-11	Headwaters (perennial portion), near North Street, Walpole to inlet Pettee Pond, Walpole/Westwood border.	0.9	MILES	3
Buckmaster Pond	MA73006	Westwood	34	ACRES	3
Clark Pond	MA73008	Walpole	7	ACRES	4C
Cobbs Pond	MA73009	Walpole	14	ACRES	5
East Branch	MA73-05	East Branch Neponset River - Outlet of Forge Pond, Canton through East Branch Pond to confluence with Neponset River, Canton. (locally known as Canton River)	2.6	MILES	5
Ellis Pond	MA73018	Norwood	17	ACRES	4C

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Farrington Pond	MA73040	Stoughton	3	ACRES	4C
Flynns Pond	MA73019	Medfield	7	ACRES	3
Forge Pond	MA73020	Canton	19	ACRES	5
Ganawatte Farm Pond	MA73037	Walpole/Sharon/Foxborough	29	ACRES	5
Germany Brook	MA73-15	Headwaters, east of Winter Street, Norwood to inlet of Ellis Pond, Norwood.	2	MILES	5
Glen Echo Pond	MA73022	Canton/Stoughton	16	ACRES	4C
Gulliver Creek	MA73-30	From confluence Unquity Brook, Milton to confluence Neponset River, Milton. (Note: Unquity Brook culverted, confluence not visible on quad)	0.02	SQUARE MILES	5
Hammer Shop Pond	MA73023	Sharon	2	ACRES	3
Hawes Brook	MA73-16	Outlet of Ellis Pond, Norwood to confluence with Neponset River, Norwood.	1.1	MILES	5
Jewells Pond	MA73026	Medfield	4	ACRES	4C
Lymans Pond	MA73021	Westwood	25	ACRES	3
Massapoag Brook	MA73-21	Outlet Hammer Shop Pond, Sharon, through Manns Pond (formerly segment MA73028), Trowel Shop Pond, and Shephard Pond to the inlet of Forge Pond, Canton.	4.2	MILES	5
Massapoag Lake	MA73030	Sharon	389	ACRES	4A
Memorial Pond	MA73012	Walpole	8	ACRES	5
Mill Brook	MA73-08	From headwaters (perennial portion) north of Hartford Street, Medfield to inlet of Jewells Pond, Medfield.	2.3	MILES	5
Mill Brook	MA73-12	Source northeast of Ledgewood Drive, Dover to inlet of Pettee Pond, Westwood.	2.9	MILES	2
Mine Brook	MA73-09	Outlet of Jewells Pond, Medfield, to the inlet of Turner Pond, Walpole.	3	MILES	5
Mother Brook	MA73-28	Headwaters at the Charles River Diversion control structure, Dedham to confluence with Neponset River, Boston. [Reported as MA72-13 until May 3, 2000]	3.7	MILES	5
Neponset Reservoir	MA73034	Foxborough	312	ACRES	5
Neponset River	MA73-01	Outlet of Neponset Reservoir, Foxborough to confluence with East Branch, Canton. (through former pond segments Crackrock Pond MA73010 and Bird Pond MA73002)	13.2	MILES	5
Neponset River	MA73-02	Confluence with East Branch, Canton to confluence with Mother Brook, Boston.	7.7	MILES	5
Neponset River	MA73-03	Confluence with Mother Brook, Boston to Milton Lower Falls Dam, Milton/Boston.	3.6	MILES	5
Neponset River	MA73-04	Milton Lower Falls Dam, Milton/Boston to mouth at Dorchester Bay, Boston/Quincy.	0.67	SQUARE MILES	5
Pecunit Brook	MA73-25	Headwaters east of Carey Circle and west of Pecunit Street, Canton to the confluence with Neponset River, Canton.	1.8	MILES	5
Pequid Brook	MA73-22	Headwaters east of York Street, Canton to the inlet of Forge Pond, Canton (excluding the approximately 1.3 miles through Reservoir Pond, segment MA73048).	2.8	MILES	5
Pettee Pond	MA73036	Walpole/Westwood	10	ACRES	4A
Pine Tree Brook	MA73-29	Outlet of Hillside Pond, Milton through Pope's Pond (formerly segment MA73044) to confluence Neponset River, Milton.	4.6	MILES	5
Pinewood Pond	MA73039	Stoughton	25	ACRES	4C

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Plantingfield Brook	MA73-23	Headwaters east of Thatcher Street, Westwood, to the confluence with Purgatory Brook, Norwood.	1.8	MILES	4C
Ponkapoag Pond	MA73043	Canton/Randolph	214	ACRES	4A
Ponkapog Brook	MA73-27	Outlet of Ponkapoag Pond, Canton to confluence with Neponset River, Canton.	3.1	MILES	4A
Purgatory Brook	MA73-24	Headwaters east of Farm Lane, Westwood to confluence with Neponset River, Norwood.	5.1	MILES	4A
Reservoir Pond	MA73048	Canton	251	ACRES	4A
Russell Pond	MA73003	Milton	9	ACRES	5
School Meadow Brook	MA73-06	Outlet of Ganawatte Farm Pond, Walpole to confluence with Neponset River, Walpole.	1.9	MILES	4A
Sprague Pond	MA73053	Boston/Dedham	7	ACRES	3
Steep Hill Brook	MA73-18	Outlet of Pinewood Pond, Stoughton, to the inlet of Bolivar Pond, Canton.	0.9	MILES	3
Town Pond	MA73056	Stoughton	8	ACRES	4C
Traphole Brook	MA73-17	Headwaters west of Everett Street, Sharon, to confluence with Neponset River, Sharon.	3.9	MILES	4A
Tubwreck Brook	MA73-07	Headwaters - small unnamed pond southeast of Powissett Street, Dover to confluence with Mill Brook just southwest of Dover/Medfield border.	1.6	MILES	3
Turner Pond	MA73058	Walpole	18	ACRES	4C
Turners Pond	MA73059	Milton	10	ACRES	5
Unnamed Tributary	MA73-10	Outlet Turner Pond, Walpole to confluence with Neponset River, Walpole.	0.4	MILES	3
Unnamed Tributary	MA73-14	Outlet Willet Pond, Walpole/Norwood, to inlet Ellis Pond, Norwood.	0.4	MILES	3
Unnamed Tributary	MA73-31	Outlet of Massapoag Lake, Sharon to inlet of Hammer Shop Pond, Sharon.	0.3	MILES	4A
Unnamed Tributary	MA73-32	From the outlet of Town Pond, Stoughton to the confluence with Steep Hill Brook, Stoughton.	1	MILES	5
Unnamed Tributary	MA73-33	Locally known as "Meadow Brook" - From where the underground/culverted stream emerges east of Pleasant Street, Norwood to confluence with Neponset River, Norwood.	0.6	MILES	5
Unnamed Tributary	MA73-34	Outlet Clark Pond, Walpole to confluence with Neponset River, Walpole (locally considered part of Spring Brook) (excluding the approximately 0.2 miles through Diamond Pond and the approximately 0.2 miles through Memorial Pond segment MA73012)	0.8	MILES	2
Unquity Brook	MA73-26	Isolated (urban): Headwaters (perennial portion) near Randolph Avenue, Milton to confluence with Gulliver Creek, Milton (Note: Confluence not visible on quad, brook culverted underground east of Otis Street/west of Govenor Belcher Lane, Milton)	1.5	MILES	5
Willet Pond	MA73062	Walpole/Westwood/Norwood (includes unnamed tributary formerly reported as segment MA73-13)	205	ACRES	4A
Woods Pond	MA73055	Stoughton	14	ACRES	4C
North Coastal					
Alewife Brook	MA93-26	Headwaters just north of B&M Railroad, Rockport to inlet Babson Reservoir, Gloucester.	0.972	MILES	3
Alewife Brook	MA93-45	Headwaters, outlet Chebacco Lake, Essex to Landing Road, Essex.	1.404	MILES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

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Alewife Brook	MA93-46	Landing Road, Essex to confluence with Essex River, Essex.	0.01	SQUARE MILES	5
Annisquam River	MA93-12	The waters from the Gloucester Harbor side of the Route 127 bridge, Gloucester to Ipswich Bay at an imaginary line drawn from Bald Rocks to Wigwam Point, Gloucester.	0.82	SQUARE MILES	5
Babson Reservoir	MA93001	Gloucester	39.661	ACRES	3
Bass River	MA93-07	Headwaters west of Wenham Lake, Beverly to the outlet of "Lower Shoe Pond" north of Route 62, Beverly.	2.107	MILES	5
Bass River	MA93-08	Outlet of "Lower Shoe Pond" north of Route 62, Beverly to confluence with Danvers River, Beverley.	0.121	SQUARE MILES	5
Beaver Brook	MA93-37	Headwaters west of Route 95, Danvers to inlet Mill Pond, Danvers.	2.687	MILES	5
Beaverdam Brook	MA93-30	Headwaters west of Main Street, Lynnfield to confluence with Saugus River (Reedy Meadow), Lynnfield.	1.461	MILES	5
Beck Pond	MA93003	Hamilton	34.591	ACRES	2
Bennetts Pond Brook	MA93-48	Headwaters east of Lynn Fells Parkway (in Bellevue Golf Course), Melrose to confluence with Saugus River, Saugus.	2.41	MILES	5
Beverly Harbor	MA93-20	From the mouth of the Danvers River, Salem/Beverly to an imaginary line from Juniper Point, Salem to Hospital Point, Beverly.	1.02	SQUARE MILES	5
Birch Pond	MA93004	Saugus/Lynn	80.386	ACRES	3
Breeds Pond	MA93006	Lynn	195.228	ACRES	3
Browns Pond	MA93008	Peabody	24.491	ACRES	3
Buswell Pond	MA93009	Gloucester	4.413	ACRES	3
Cape Pond	MA93011	Rockport	42.45	ACRES	5
Cat Brook	MA93-29	Headwaters east of Route 128, Manchester to confluence with Manchester Harbor (Route 127), Manchester.	1.679	MILES	5
Causeway Brook	MA93-47	Headwaters, outlet Dexter Pond, Manchester to confluence with Cat Brook, Manchester.	1.077	MILES	5
Cedar Pond	MA93013	Peabody	34.029	ACRES	4C
Chebacco Lake	MA93014	Hamilton/Essex	204.374	ACRES	4A
Coy Pond	MA93016	Wenham	23.167	ACRES	2
Crane Brook	MA93-02	Headwaters east of Route 95, Danvers to inlet Mill Pond, Danvers.	1.808	MILES	5
Crane River	MA93-38	Outlet Mill Pond, Danvers to outlet of the pump house sluiceway, Purchase Street, Danvers.	0.332	MILES	2
Crane River	MA93-41	Outlet pump house sluiceway, Purchase Street, Danvers to confluence with Danvers River, Danvers.	0.07	SQUARE MILES	5
Crystal Lake	MA93018	Wakefield/Stoneham	81.966	ACRES	3
Danvers River	MA93-09	Confluence of Porter, Crane and Waters rivers, Danvers to mouth at Beverly Harbor, Beverly/Salem.	0.53	SQUARE MILES	5
Days Pond	MA93092	Gloucester	0.516	ACRES	4C
Edgewater Office Park Pond	MA93094	Wakefield	14.563	ACRES	4C

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Essex Bay	MA93-16	The waters landward of Ipswich Bay contained within an imagiany line drawn from the northwestern tip of Gloucester near Coffins Beach to the southern tip of Castle Neck, Ipswich to the eastern most point of Dilly Island, Essex (mouth of Castle Neck River) and then from Cross Island, Essex to Conomo Point, Essex (mouth of Essex River) excluding Walker, Lanes, and Farm creeks.	0.97	SQUARE MILES	5
Essex River	MA93-11	Source east of Southern Avenue, Essex to mouth at Essex Bay, Essex.	0.501	SQUARE MILES	5
Fernwood Lake	MA93022	Gloucester	25.379	ACRES	3
First Pond	MA93081	Saugus (also known as Upper Griswold Pond).	4.214	ACRES	4C
Flax Pond	MA93023	Lynn	55.449	ACRES	5
Floating Bridge Pond	MA93024	Lynn	11.905	ACRES	5
Forest River	MA93-10	Approximately 0.4 miles upstream of Loring Avenue, Salem to Salem Harbor, Salem.	0.026	SQUARE MILES	5
Foster Pond	MA93026	Swampscott	4.619	ACRES	5
Frost Fish Brook	MA93-36	Cabot Road, Danvers to Porter River confluence at Route 62, Danvers.	1.028	MILES	5
Gloucester Harbor	MA93-18	The waters landward of an imaginary line drawn between Mussel Point and the tip of the Dog Bar Breakwater, Gloucester excluding the Annisquam River.	2.325	SQUARE MILES	5
Goldthwait Brook	MA93-05	Outlet Cedar Pond, Peabody to confluence with Proctor Brook, Peabody.	3.291	MILES	5
Goose Cove Reservoir	MA93093	Gloucester	57.664	ACRES	3
Gravelly Pond	MA93028	Hamilton	49.738	ACRES	3
Griswold Pond	MA93029	Saugus	12.972	ACRES	4C
Haskell Pond	MA93031	Gloucester	58.332	ACRES	3
Hawkes Brook	MA93-32	Headwaters near the Lynn/Lynnfield border to the inlet of Hawkes Pond, Lynnfield.	2.608	MILES	5
Hawkes Brook	MA93-33	Outlet of Hawkes Pond, Saugus to confluence with Saugus River, Saugus.	1.087	MILES	5
Hawkes Pond	MA93032	Lynnfield/Saugus	65.172	ACRES	5
Lake Quannapowitt	MA93060	Wakefield	246.002	ACRES	5
Lily Pond	MA93039	Gloucester	23.744	ACRES	5
Lower Pond	MA93044	Saugus	21.166	ACRES	3
Lynn Harbor	MA93-52	The "inner" portion of Lynn Harbor; the waters landward of an imaginary line drawn from Black Rock Point, Nahant to the eastern edge of Point of Pines, Revere excluding the Saugus River (formerly part of segment 93-23).	1.623	SQUARE MILES	5
Lynn Harbor	MA93-53	The "outer" portion of Lynn Harbor; the waters landward of an imaginary line drawn from Baileys Hill, Nahant to the eastern point of Winthrop Highlands, Winthrop to the seaward edge of the "inner" portion of Lynn Harbor (at an imaginary line drawn from Black Rock Point, Nahant to the eastern edge of Point of Pines, Revere) (formerly part of segment 93-23).	6.557	SQUARE MILES	5
Manchester Harbor	MA93-19	The waters landward of an imaginary line drawn between Gales Point and Chubb Point, Manchester excluding Cat Brook.	0.333	SQUARE MILES	5
Marblehead Harbor	MA93-22	The waters landward of an imaginary line drawn northwesterly from the northern tip of Marblehead Neck to Fort Sewall, Marblehead.	0.561	SQUARE MILES	5
Mill Pond	MA93050	Gloucester	17.602	ACRES	3

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Mill River	MA93-28	Headwaters, outlet Mill Pond, Gloucester to confluence with Annisquam River, Gloucester.	0.097	SQUARE MILES	5
Mill River	MA93-31	From headwaters in wetlands north of Salem Street, Wakefield to confluence with Saugus River, Wakefield.	1.993	MILES	5
Nahant Bay	MA93-24	The waters landward of an imaginary line drawn between Galloupes Point, Swampscott and East Point, Nahant.	5.117	SQUARE MILES	5
Niles Pond	MA93052	Gloucester	34.415	ACRES	3
North River	MA93-42	Downstream of Route 114 bridge (Proctor Brook becomes North River at this bridge), Salem to confluence with Danvers River, Salem (formerly part of MA93-06).	0.145	SQUARE MILES	5
Pillings Pond	MA93056	Lynnfield	90.314	ACRES	5
Pines River	MA93-15	Headwaters east of Route 1, Revere/Saugus to confluence with the Saugus River, Saugus/Revere.	0.577	SQUARE MILES	5
Porter River	MA93-04	Confluence with Frost Fish Brook at Route 62, Danvers to confluence with Danvers River, Danvers.	0.134	SQUARE MILES	5
Proctor Brook	MA93-39	Outlet of small pond in wetland north of Downing Road, Peabody to Grove/Goodhue Street bridge, Salem (formerly part of MA93-06).	2.948	MILES	5
Proctor Brook	MA93-40	Grove/Goodhue Street bridge, Salem to Route 114 culvert, Salem (formerly part of MA93-06).	0.005	SQUARE MILES	5
Quarry Reservoir	MA93053	Rockport	7.44	ACRES	3
Rockport Harbor	MA93-57	Waters landward of an imaginary line from Gully Point, Rockport to Granite Pier, Rockport (including Back Harbor and a portion of Sandy Bay) (includes area formerly reported as segment MA93-17)	0.35	SQUARE MILES	5
Round Pond	MA93063	Hamilton	37.51	ACRES	3
Rum Rock Lake	MA93064	Rockport	9.62	ACRES	3
Salem Harbor	MA93-54	Waters landward of an imaginary line from Naugus Head, Marblehead to the northwest point of Bakers Island, Salem to Hospital Point, Beverly to Juniper Point, Salem (excluding Forest River) (formerly segment MA93-21 Salem Harbor and a portion of segment MA93-25 Salem Sound [waterbody code 93907])	4.91	SQUARE MILES	5
Salem Sound	MA93-55	Northern portion of Salem Sound, waters landward of and within imaginary lines from Chubb Point, Manchester to Gales Point, Manchester to the northwest point of Bakers Island, Salem to Hospital Point, Beverly (formerly reported as a portion of segment MA93-25)	3.46	SQUARE MILES	5
Salem Sound	MA93-56	Southern portion of Salem Sound, waters landward of and within imaginary lines from Fort Sewall, Marblehead to the Marblehead Lighthouse on Marblehead Neck, Marblehead to the northwest point of Bakers Island, Salem to Naugus Head, Marblehead (formerly reported as a portion of segment MA93-25)	2.55	SQUARE MILES	5
Saugus River	MA93-34	Headwaters, outlet of Lake Quannapowitt, Wakefield (thru Reedy Meadow) to Lynn Water & Sewer Commission diversion canal, Wakefield/Lynnfield (canal diverts to Hawks Pond) (formerly part of segment MA93-13).	3.083	MILES	5
Saugus River	MA93-35	From the Lynn Water & Sewer Commission diversion canal, Wakefield/Lynnfield to Saugus Iron Works, Bridge Street, Saugus (formerly part of segment MA93-13).	5.367	MILES	5
Saugus River	MA93-43	Saugus Iron Works, Bridge Street, Saugus to Lincoln Avenue/Boston Street, Saugus/Lynn (formerly part of segment 93-14).	0.038	SQUARE MILES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Saugus River	MA93-44	Lincoln Avenue/Boston Street, Saugus/Lynn to mouth (east of Route 1A) at Lynn Harbor, Lynn/Revere (formerly part of segment 93-14).	0.363	SQUARE MILES	5
Shute Brook	MA93-49	Approximately 350 feet downstream from Central Street, Saugus to the confluence with the Saugus River, Saugus.	0.007	SQUARE MILES	5
Shute Brook	MA93-50	From the confluence of Fiske Brook, Saugus to approximately 350 feet downstream from Central Street, Saugus.	0.892	MILES	5
Sluice Pond	MA93071	Lynn	41.514	ACRES	4C
Spring Pond	MA93072	Saugus	8.183	ACRES	4C
Spring Pond	MA93073	[South Basin] Peabody/Lynn/Salem	66.216	ACRES	3
Spring Pond	MA93074	[North Basin] Peabody	16.586	ACRES	3
Strangman Pond	MA93076	Gloucester	3.341	ACRES	5
Swains Pond	MA93095	Melrose	2.978	ACRES	4C
Unnamed Tributary	MA93-27	Outlet Babson Reservoir, Gloucester to inlet Mill Pond, Gloucester.	0.745	MILES	3
Unnamed Tributary	MA93-51	Unnamed tributary locally known as "Town Line Brook", from Route 99, Malden to the confluence with the Pines River, Revere.	0.017	SQUARE MILES	5
Upper Banjo Pond	MA93080	Gloucester	10.531	ACRES	5
Upper Pond	MA93083	Saugus	12.707	ACRES	3
Walden Pond	MA93084	Lynn/Saugus/Lynnfield	223.113	ACRES	3
Wallace Pond	MA93085	Gloucester	21.725	ACRES	3
Waters River	MA93-01	Headwaters west of Route 128, Peabody/Danvers, to confluence with Danvers River, Danvers.	0.09	SQUARE MILES	5
West Pond	MA93089	Gloucester	7.142	ACRES	5
Parker					
Baldpate Pond	MA91001	Boxford	60	ACRES	5
Bull Brook	MA91-04	Headwaters, Ipswich to inlet Bull Brook Reservoir, Ipswich.	1.4	MILES	3
Bull Brook Reservoir	MA91002	Ipswich	7	ACRES	3
Central Street Pond	MA91003	Rowley	3	ACRES	3
Crane Pond	MA91004	Groveland	22	ACRES	3
Dow Brook Reservoir	MA91005	Ipswich	16	ACRES	3
Eagle Hill River	MA91-06	Headwaters near Town Farm Road, Ipswich to the mouth at Plum Island Sound, Ipswich.	0.35	SQUARE MILES	5
Egypt River	MA91-13	Outlet Bull Brook Reservoir, Ipswich to east of Jewett Hill (Latitude 42:42:23.40, Longitude 70:51:47.58 DMS), Ipswich.	1.1	MILES	3
Egypt River	MA91-14	East of Jewett Hill (Latitude 42:42:23.40, Longitude 70:51:47.58 DMS), Ipswich to confluence with Muddy Run and Rowley River, Rowley/Ipswich.	0.01	SQUARE MILES	5
Jackman Brook	MA91-07	Northeast of intersection of Jewett and Tenney streets, Georgetown to confluence with Wheeler Brook, Georgetown.	0.8	MILES	3
Little Crane Pond	MA91007	West Newbury	4	ACRES	3
Little River	MA91-11	Scotland Road/Parker Street, Newbury/Newburyport to confluence with Parker River, Newbury.	0.09	SQUARE MILES	5
Mill River	MA91-08	Headwaters - Outlet of small unnamed pond between Route 95 and Rowley Road, Boxford to Route 1, Rowley/Newbury (through Upper Mill Pond formerly segment MA91015 and Lower Mill Pond formerly segment MA91008).	6.9	MILES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Mill River	MA91-09	Route 1, Rowley/Newbury to confluence with Parker River, Newbury.	0.09	SQUARE MILES	5
Ox Pasture Brook	MA91-10	Headwaters - Outlet of small unnamed impoundment east of Bradford Street, Rowley to the outlet of a small unnamed impoundment west of Ox Pasture Hill, Rowley.	2.5	MILES	3
Paine Creek	MA91-03	Headwaters to confluence with Eagle Hill River, Ipswich.	0.06	SQUARE MILES	5
Parker River	MA91-01	Source north of Silver Mine Road, Boxford to Central Street, Newbury (excluding Sperry Pond segment MA91013, Rock Pond segment MA91012, Pentucket Pond segment MA91010, and Crane Pond segment MA91004).	12.3	MILES	4C
Parker River	MA91-02	Central Street, Newbury to mouth at Plum Island Sound, Newbury.	0.6	SQUARE MILES	5
Penn Brook	MA91-16	Outlet Baldpate Pond, Boxford to confluence with Parker River, Georgetown.	3	MILES	2
Pentucket Pond	MA91010	Georgetown	92	ACRES	5
Plum Island River	MA91-15	From "high sandy" sandbar just north of the confluence with Pine Island Creek, Newbury to confluence with Plum Island Sound, Newbury.	0.39	SQUARE MILES	5
Plum Island Sound	MA91-12	From the mouth of both the Parker River and Plum Island River, Newbury to the Atlantic Ocean, Ipswich (Includes Ipswich Bay).	4.44	SQUARE MILES	5
Quills Pond	MA91011	Newbury	2	ACRES	3
Rock Pond	MA91012	Georgetown	49	ACRES	5
Rowley River	MA91-05	Confluence with Egypt River and Muddy Run, Rowley/Ipswich to mouth at Plum Island Sound, Rowley/Ipswich.	0.27	SQUARE MILES	5
Sperrys Pond	MA91013	Boxford	26	ACRES	3
State Street Pond	MA91014	Newburyport	4	ACRES	4C
Wilson Pond	MA91017	Rowley	5	ACRES	3
Quinebaug					
Alum Pond	MA41001	Sturbridge	198	ACRES	5
Browns Brook	MA41-20	From the state line Holland, MA/Union, CT to the inlet of Hamilton Reservoir, Holland.	0.8	MILES	2
Cady Brook	MA41-05	Headwaters, outlet of Glen Echo Lake, Charlton to Charlton City WWTP outfall, Charlton.	1.5	MILES	5
Cady Brook	MA41-06	Charlton City WWTP outfall, Charlton to confluence with Quinebaug River, Southbridge.	5.1	MILES	5
Cedar Pond	MA41008	Sturbridge	149	ACRES	4C
Cohasse Brook	MA41-12	From the outlet of Cohasse Brook Reservoir, Southbridge through Wells Pond (formerly pond segment MA41053) to the confluence with the Quinebaug River, Southbridge.	2.7	MILES	5
East Brimfield Reservoir	MA41014	Brimfield/Sturbridge	313	ACRES	4A
Glen Echo Lake	MA41017	Charlton	115	ACRES	5
Hamant Brook	MA41-15	Headwaters, outlet unnamed pond, Sturbridge to the confluence with the Quinebaug River, Sturbridge.	3.1	MILES	2
Hamilton Reservoir	MA41019	Holland (size indicates portion in Massachusetts)	386	ACRES	4C
Hatchet Brook	MA41-14	From the outlet of No. 3 Reservoir, Southbridge to the confluence with the Quinebaug River, Southbridge.	1.3	MILES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Holland Pond	MA41022	Holland	66	ACRES	4A
Hollow Brook	MA41-24	Headwaters, west of Hollow Road, Wales to confluence with Mill Brook, Brimfield.	2.7	MILES	2
Lake George	MA41016	Wales	93	ACRES	3
Leadmine Brook	MA41-21	Headwaters, outlet Leadmine Pond, Sturbridge to the state line, Sturbridge, MA/Union, CT.	2.5	MILES	2
Leadmine Pond	MA41027	Sturbridge	52	ACRES	3
Lebanon Brook	MA41-11	From the state line, Southbridge, MA/Woodstock, CT, to the confluence with the Quinebaug River, Southbridge.	4.7	MILES	2
Little Alum Pond	MA41029	Brimfield	73	ACRES	3
McIntyre Pond	MA41031	Charlton	11	ACRES	3
McKinstry Brook	MA41-13	Headwaters, east of Brookfield Road, Charlton (excluding intermittent portion) to the confluence with the Quinebaug River, Southbridge.	7.3	MILES	5
Mill Brook	MA41-07	From inlet of Mill Road Pond (formerly pond segment MA41032), Brimfield to confluence with Quinebaug River, Brimfield.	4.7	MILES	4C
Monson Road Pond	MA41059	Wales	4	ACRES	3
Morse Pond	MA41033	Southbridge	41	ACRES	5
Mountain Brook	MA41-18	Headwaters, east of Steerage Rock Road (excluding intermittent portion), Brimfield to the confluence with Mill Brook, Brimfield.	1.9	MILES	2
New Boston Road Pond	MA41035	Sturbridge	13	ACRES	3
No. 3 Reservoir	MA41038	Southbridge	24	ACRES	3
No. 4 Reservoir	MA41039	Southbridge	69	ACRES	3
No. 5 Reservoir	MA41040	Southbridge	30	ACRES	3
Pistol Pond	MA41057	Sturbridge	5	ACRES	5
Prindle Lake	MA41043	Charlton	75	ACRES	3
Quinebaug River	MA41-01	Outlet Hamilton Reservoir, Holland, to Sturbridge WWTP outfall, Sturbridge (excluding Holland Pond segment MA41022 and East Brimfield Reservoir segment MA41014).	8.2	MILES	5
Quinebaug River	MA41-02	Sturbridge WWTP outfall, Sturbridge to confluence with Cady Brook, Southbridge.	6.5	MILES	5
Quinebaug River	MA41-03	Southbridge WWTP outfall, Southbridge to dam just upstream of West Dudley Road, Dudley.	2.2	MILES	5
Quinebaug River	MA41-04	From dam just upstream of West Dudley Road, Dudley to Connecticut state line, Dudley.	2.2	MILES	5
Quinebaug River	MA41-09	From confluence with Cady Brook, Southbridge to Southbridge WWTP outfall, Southbridge.	1.3	MILES	5
Railroad Pond	MA41058	Charlton	7	ACRES	4C
Rocky Run	MA41-22	Headwaters east of Chamberlain Pond (excluding intermittent portion), Douglas to the state line Douglas, MA/Thompson, CT.	1.9	MILES	2
Sherman Pond	MA41046	Brimfield	76	ACRES	4C
Sibley Pond	MA41047	North Basin, Charlton	22	ACRES	5
Sibley Pond	MA41048	South Basin, Charlton	19	ACRES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Stevens Brook	MA41-19	From the state line Wales, MA/Stafford, CT to the inlet of Hamilton Reservoir, Holland.	4.7	MILES	2
Sylvestri Pond	MA41049	Dudley	30	ACRES	4C
Tufts Branch	MA41-10	Headwaters, north of Dudley-Southbridge Road, Dudley to the state line, Dudley, MA/Thompson, CT.	2.8	MILES	2
Unnamed Tributary	MA41-16	Unnamed tributary to Mill Brook, headwaters, outlet Sherman Pond, Brimfield to confluence with Mill Brook, Brimfield.	1.2	MILES	5
Unnamed Tributary	MA41-23	Unnamed tributary to the Quinebaug River from headwaters at the outlet of an unnamed pond on the Southbridge/Charlton border to the confluence with the Quinebaug River, Southbridge.	1.9	MILES	2
Unnamed Tributary	MA41-25	Unnamed tributary to Tufts Branch, headwaters, outlet Wielock Pond, Dudley to confluence with Tufts Branch, Dudley.	0.2	MILES	2
Unnamed Tributary	MA41-26	Unnamed tributary locally known as 'Freeman's Brook' from headwaters west of Cronin Road, Warren to an unnamed tributary to Long Pond, Sturbridge.	2.6	MILES	2
Unnamed Tributary	MA41-27	Unnamed tributary to Mill Brook, headwaters south of East Hill Road, Brimfield to confluence with Mill Brook, Brimfield.	1.7	MILES	2
Wales Brook	MA41-08	Headwaters, outlet Lake George, Wales to confluence with Mill Brook, Brimfield.	5.2	MILES	3
Walker Pond	MA41052	Sturbridge	104	ACRES	4C
West Brook	MA41-17	Headwaters, west of the Dix Hill Road/Route 19 intersection (excluding intermittent portion), Brimfield to the confluence with Mill Brook, Brimfield.	1.8	MILES	2
Wielock Pond	MA41056	Dudley	6	ACRES	2
Shawsheen					
Ames Pond	MA83001	Tewksbury	76.47	ACRES	5
Bakers Meadow Pond	MA83002	Andover	21.188	ACRES	3
Ballardvale Impoundment	MA83011	Andover (Lowell Junction Pond)	35.292	ACRES	5
Butterfield Pond	MA83003	Burlington/Lexington	2.968	ACRES	5
Content Brook	MA83-09	Outlet Richardson Pond, Billerica, to confluence with Shawsheen River, Tewksbury.	2.369	MILES	2
Elm Brook	MA83-05	Headwaters, Lincoln to confluence with Shawsheen River, Bedford.	5.043986	MILES	5
Fawn Lake	MA83004	Bedford	11.825	ACRES	3
Fosters Pond	MA83005	Andover/Wilmington	109.412	ACRES	5
Gravel Pit Pond	MA83007	Andover (Hussey Brook Pond East)	4.585	ACRES	4C
Hussey Brook Pond	MA83008	Andover	0.539	ACRES	3
Hussey Pond	MA83009	Andover	1.383	ACRES	5
Kiln Brook	MA83-10	Outlet unnamed pond (in Pine Meadows Country Club), Lexington, to confluence with Shawsheen River, Bedford.	1.54	MILES	4A
Long Meadow Brook	MA83-11	Wetland east of Lexington Street and north of Independence Drive, Burlington, to confluence with Vine Brook, Burlington.	1.284976	MILES	4A
Long Pond	MA83010	Tewksbury	42.483	ACRES	5
Meadow Brook	MA83-12	Outlet Ames Pond, Tewksbury, to confluence with Strong Water Brook, Tewksbury.	1.695	MILES	2
Pomps Pond	MA83014	Andover	24.635	ACRES	5
Pond Street Pond	MA83021	Billerica (unnamed pond west of Pond Street)	3.56	ACRES	3

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Rabbit Pond	MA83015	Andover	1.857	ACRES	5
Richardson Pond North	MA83020	Billerica/Tewksbury (Richardson Pond North)	45.78	ACRES	3
Rogers Brook	MA83-04	From outlet of unnamed impoundment upstream of Morton Street, Andover (Prior to 1997 cycle listed as "Headwaters Billerica...") to confluence with Shawsheen River, Andover.	1.299	MILES	5
Round Pond	MA83018	Tewksbury	24.92	ACRES	3
Sandy Brook	MA83-13	Headwaters north of Bedford Street and east of Fairfax Street to confluence with Vine Brook, Burlington.	1.155097	MILES	4A
Shawsheen River	MA83-01	Summer Street (historcally listed as Maguire Road) to confluence with Spring Brook, Bedford.	1.625	MILES	5
Shawsheen River	MA83-08	Headwater, north of Folly Pond and North Great Road, Lincoln to Summer Street, Bedford.	2.091	MILES	5
Shawsheen River	MA83-17	Confluence with Spring Brook, Bedford to the Burlington Water Department's surface water intake, Billerica. (Formerly part of segment MA83-02, changed for 2004 cycle)	5.679	MILES	5
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	5
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	5
Spring Brook	MA83-14	Wetland northeast of Route 3 Billerica, to confluence with Shawsheen River, Bedford.	2.548839	MILES	4A
Strong Water Brook	MA83-07	Headwaters northeast of Long Pond, Tewksbury to confluence with Shawsheen River, Tewksbury.	4.942	MILES	4A
Unnamed Tribiutary	MA83-21	Unnamed intermittent tributary to the Shawsheen River locally known as 'Sutton Brook', from headwaters north of Research Drive, Wilmington to confluence with the Shawsheen River, Tewksbury	3	MILES	3
Unnamed Tributary	MA83-15	Unnamed tributary to Meadow Brook, also known as "Pinnacle Brook" - from small wetland east of Route 93, Andover, to confluence with Meadow Brook, Tewksbury (includes intermittent portion).	2.1	MILES	5
Unnamed Tributary	MA83-16	Also known as "Fosters Brook" - Outlet Fosters Pond, Andover through River Street Pond to confluence with Shawsheen River at Lowell Junction Pond, Andover.	0.97257	MILES	2
Unnamed Tributary	MA83-20	Unnamed intermittent tributary to the Shawsheen River, from Dascomb Road, Andover to confluence with Shawsheen River, Tewksbury.	0.9	MILES	5
Vine Brook	MA83-06	Headwaters (southeast of Granny Hill) near Grant Street, Lexington to confluence with Shawsheen River, Bedford.	6.846	MILES	4A
South Coastal					
Aaron River	MA94-28	Outlet Aaron River Reservoir, Cohasset to flow control structure near Beechwood Street, Cohasset.	1.004	MILES	5
Aaron River Reservoir	MA94178	Cohasset/Hingham/Scituate	136.13	ACRES	4A
Arnold School Pond	MA94004	Pembroke	11.635	ACRES	3
Bartlett Pond	MA94005	Plymouth	33.268	ACRES	3

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Beaver Dam Pond	MA94006	Plymouth	29.204	ACRES	4C
Billington Sea	MA94007	Plymouth	262.722	ACRES	5
Black Jimmy Pond	MA94008	Plymouth	8.612	ACRES	2
Black Mountain Pond	MA94009	Marshfield	16.606	ACRES	4C
Bloody Pond	MA94015	Plymouth	100.726	ACRES	3
Bluefish River	MA94-30	Saltmarsh north of Harrison Street, Duxbury to mouth at Duxbury Bay, Duxbury.	0.065	SQUARE MILES	5
Boot Pond	MA94016	Plymouth	68.836	ACRES	3
Bound Brook	MA94-18	Flow control structure near Beechwood Street, Cohasset to outlet Hunters Pond, Scituate.	2.227	MILES	5
Bound Brook Pond	MA94017	Norwell	20.861	ACRES	3
Briggs Reservoir	MA94019	Plymouth	23.901	ACRES	4C
Briggs Reservoir	MA94020	Plymouth	16.325	ACRES	4C
Cohasset Cove	MA94-32	The waters south of a line drawn from the Bassing Beach jetty, Scituate westerly to the opposite shore, Cohasset excluding Baileys Creek and The Gulf.	0.087	SQUARE MILES	5
Cohasset Harbor	MA94-01	The waters south of a line drawn from the northwestern point of Scituate Neck, Scituate to just north of Quarry Point, Cohasset not including Cohasset Cove, Cohasset/Scituate.	0.695	SQUARE MILES	5
Cooks Pond	MA94027	Plymouth	21.237	ACRES	4C
Crossman Pond	MA94032	Kingston	12.706	ACRES	5
Drinkwater River	MA94-21	From Whiting Street, Hanover through Forge Pond to the inlet of Factory Pond, Hanover.	3.493	MILES	5
Duxbury Bay	MA94-15	The waters north and west of a line from Saquish Head to the tip of Plymouth Beach and from there to High Cliff, Plymouth excluding Back River and Bluefish River, Duxbury and Jones River, Kingston.	12.694	SQUARE MILES	5
Eel River	MA94-23	Outlet cranberry bog east of Long Pond Road, Plymouth through Russell Millpond to mouth at Plymouth Harbor, Plymouth.	3.931	MILES	4C
Elbow Pond	MA94035	Plymouth	20.943	ACRES	2
Ellisville Harbor	MA94-34	Plymouth	0.012	SQUARE MILES	5
Factory Pond	MA94175	Hanson/Hanover	51.395	ACRES	5
First Herring Brook	MA94-25	From the headwaters in South Swamp, Norwell (through Tack Factory Pond) to the inlet of Old Oaken Bucket Pond, Scituate.	3.945	MILES	2
Forge Pond	MA94036	Plymouth	13.738	ACRES	2
Forge Pond	MA94037	Hanover	15.907	ACRES	5
Foundry Pond	MA94038	Kingston	7.235	ACRES	5
French Stream	MA94-03	From the headwaters on the southeast side of the South Weymouth Naval Air Station, Rockland through Studleys Pond to the confluence with Drinkwater River, Hanover.	6.124887	MILES	5
Fresh Pond	MA94040	Plymouth	59.775	ACRES	2
Furnace Pond	MA94043	Pembroke	102.653	ACRES	5
Governor Winslow House Pond	MA94047	Marshfield	22.939	ACRES	3
Great Herring Pond	MA94050	Bourne/Plymouth	414.699	ACRES	4A

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Great Sandy Bottom Pond	MA94053	Pembroke	103.094	ACRES	3
Great South Pond	MA94054	Plymouth	284.299	ACRES	4A
Green Harbor	MA94-11	From the tidegates at Route 139, Marshfield to the mouth of the harbor at Massachusetts Bay/Cape Cod Bay, Marshfield.	0.078	SQUARE MILES	5
Green Harbor River	MA94-10	Outlet Black Mountain Pond, Marshfield to the tidegate at Route 139, Marshfield.	5.648	MILES	5
Gunners Exchange Pond	MA94055	Plymouth	26.118	ACRES	3
Harrobs Corner Bog Pond	MA94061	Plympton	20.054	ACRES	3
Hedges Pond	MA94065	Plymouth	27.072	ACRES	2
Herring Brook	MA94-29	Outlet Lily Pond, Cohasset to confluence Aaron River, Cohasset.	0.3	MILES	4C
Herring River	MA94-07	Outlet Old Oaken Bucket Pond, Scituate to confluence with North River, Scituate.	0.077	SQUARE MILES	5
Hobomock Pond	MA94177	Pembroke	12.701	ACRES	2
Hoyts Pond	MA94070	Plymouth	19.505	ACRES	3
Indian Head Pond	MA94071	Hanson	119.478	ACRES	3
Indian Head River	MA94-04	Outlet of Factory Pond, Hanover/Hanson to Curtis Crossing Dam (also called Ludhams Ford Dam) west of Elm Street, Hanover/Pembroke.	2.914	MILES	5
Indian Head River	MA94-22	From Curtis Crossing Dam (also called Ludhams Ford Dam) west of Elm Street, Hanover/Pembroke to confluence with Herring Brook, (forming headwaters of North River) Hanover/Pembroke.	0.883	MILES	5
Indian Pond	MA94072	Kingston/Plympton	63.795	ACRES	3
Iron Mine Brook	MA94-24	Headwaters north of Route 139, Hanover to the confluence with Indian Head River, Hanover.	1.393	MILES	5
Island Creek Pond	MA94073	Duxbury	39.716	ACRES	4C
Island Pond	MA94074	[west of the locality of Cedarville] Plymouth	51.804	ACRES	3
Island Pond	MA94075	[locally known as Great Island Pond] Plymouth	79.418	ACRES	4C
Island Pond	MA94076	[south of locality of South Pond] Plymouth	12.12	ACRES	3
Jacobs Pond	MA94077	Norwell	60.801	ACRES	4C
Jones River	MA94-12	Headwaters outlet Silver Lake, Kingston to dam near Wapping Road, Kingston.	4.057	MILES	5
Jones River	MA94-13	From dam near Wapping Road, Kingston to dam at Elm Street, Kingston.	0.93	MILES	5
Jones River	MA94-14	From dam at Elm Street, Kingston to mouth at Duxbury Bay, Kingston.	0.089	SQUARE MILES	5
Keene Pond	MA94079	Duxbury	10.664	ACRES	3
Lily Pond	MA94179	Cohasset	50.503	ACRES	5
Little Harbor	MA94-20	Cove south of Nichols Road, west of Atlantic Avenue, and north of Cohasset center, Cohasset	0.24	SQUARE MILES	4A
Little Herring Pond	MA94082	Plymouth	81.243	ACRES	3
Little Pond	MA94182	Plymouth	40.474	ACRES	2
Little Sandy Bottom Pond	MA94085	Pembroke	56.106	ACRES	2
Little South Pond	MA94087	Plymouth	62.815	ACRES	3
Long Island Pond	MA94088	Plymouth	33.137	ACRES	4C
Lorings Bogs Pond	MA94089	Duxbury	32.999	ACRES	4C
Lout Pond	MA94090	Plymouth	17.8	ACRES	3

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Lower Chandler Pond	MA94091	Duxbury/Pembroke	37.388	ACRES	4C
Maquan Pond	MA94096	Hanson	45.034	ACRES	2
Mill Pond	MA94101	Duxbury	7.022	ACRES	3
Morey Hole	MA94102	Plymouth	22.456	ACRES	3
Musquashcut Pond	MA94-33	Scituate (formerly reported as MA94105)	0.109	SQUARE MILES	5
North Hill Marsh Pond	MA94109	Duxbury	42.959	ACRES	3
North River	MA94-05	Confluence of Indian Head River and Herring Brook, Hanover/Pembroke to Route 3A (Main Street), Marshfield/Scituate.	0.302	SQUARE MILES	5
North River	MA94-06	Route 3A (Main Street), Marshfield/Scituate to confluence with South River/Massachusetts Bay, Scituate.	0.555	SQUARE MILES	5
North Triangle Pond	MA94110	Plymouth	21.773	ACRES	3
Old Oaken Bucket Pond	MA94113	Scituate	8.354	ACRES	5
Oldham Pond	MA94114	Pembroke/Hanson	231.859	ACRES	4C
Pembroke Street South Pond	MA94117	Kingston	6.246	ACRES	4C
Pine Lake	MA94120	Duxbury	22.125	ACRES	3
Pine Street Pond	MA94121	Duxbury	13.845	ACRES	3
Plymouth Bay	MA94-17	The waters southeast of a line drawn from Saquish Head to the tip of Plymouth Beach, Plymouth and west of a line from Gurnet Point, Plymouth to Rocky Point, Plymouth.	10.333	SQUARE MILES	2
Plymouth Harbor	MA94-16	The waters south of a line drawn from the tip of Plymouth Beach to High Cliff, Plymouth.	2.53	SQUARE MILES	5
Reeds Millpond	MA94126	Kingston	6.248	ACRES	4C
Reservoir	MA94127	Pembroke	16.194	ACRES	4C
Round Pond	MA94131	Duxbury	6.789	ACRES	3
Russell Millpond	MA94132	Plymouth	41.776	ACRES	5
Russell Pond	MA94133	Kingston	10.723	ACRES	3
Savery Pond	MA94136	Plymouth	28.872	ACRES	2
Scituate Harbor	MA94-02	The waters west of a line across the mouth of Scituate Harbor, from the elbow of the jetty southeast off Lighthouse Point to the jetty northeast of the U.S. Coast Guard Station, Scituate.	0.322	SQUARE MILES	5
Second Herring Brook	MA94-26	Outlet of Turner Pond, Norwell (through Torrey Pond) to the Second Herring Brook Pond Dam, Norwell.	1.744	MILES	2
Second Herring Brook	MA94-31	From the Second Herring Brook Pond Dam, Norwell to the confluence with the North River, Norwell.	0.003	SQUARE MILES	5
Shallow Pond	MA94140	Plymouth	18.861	ACRES	3
Ship Pond	MA94142	Plymouth	10.802	ACRES	3
Silver Lake	MA94143	Pembroke/Plympton/Kingston	616.668	ACRES	4C
Smelt Pond	MA94184	Kingston	44.797	ACRES	4C
South River	MA94-08	Headwaters from the outlet of unnamed pond north of Congress Street, Duxbury to dam at Main Street (Route 3A), Marshfield.	4.863	MILES	2
South River	MA94-09	From dam at Main Street, Marshfield to confluence with North River/Massachusetts Bay, Marshfield/Scituate.	0.625	SQUARE MILES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
South River Pond	MA94148	Duxbury	3.253	ACRES	3
South Triangle Pond	MA94149	Plymouth	16.968	ACRES	3
Studleys Pond	MA94151	Rockland	25.471	ACRES	5
Tack Factory Pond	MA94152	Scituate	8.068	ACRES	2
The Gulf	MA94-19	Headwaters, outlet Hunters Pond, Scituate to confluence with Cohasset Cove just north of Border Street, Cohasset.	0.126	SQUARE MILES	5
Third Herring Brook	MA94-27	Headwaters, outlet of Jacobs Pond, Norwell/Hanover to confluence with North River, Norwell/Hanover.	5.318	MILES	5
Torrey Pond	MA94157	Norwell	18.684	ACRES	4C
Triangle Pond	MA94160	Plymouth	14.192	ACRES	3
Unnamed Tributary	MA94-35	unnamed tributary to the Eel River from outlet of cranberry bog south of Valley Road, Plymouth through Forge Pond, to confluence with Eel River, Plymouth.	2.365	MILES	3
Upper Chandler Pond	MA94165	Duxbury/Pembroke	7.695	ACRES	4C
Wampatuck Pond	MA94168	Hanson	62.879	ACRES	5
West Chandler Pond	MA94170	Pembroke	9.752	ACRES	3
Winslow Cemetary Pond	MA94172	Marshfield	6.462	ACRES	3
Wright Pond	MA94174	Duxbury	30.384	ACRES	3
Taunton					
Ames Long Pond	MA62001	Stoughton/Easton	87.694	ACRES	5
Assawompset Pond	MA62003	Lakeville/Middleborough	2033.577	ACRES	3
Assonet River	MA62-19	Outlet Forge Pond, Freetown to Tisdale Dam (north of Route 79/Elm Street intersection), Freetown.	0.877	MILES	2
Assonet River	MA62-20	From Tisdale Dam (north of Route 79/Elm Street intersection), Freetown to the confluence with the Taunton River, Freetown.	0.815	SQUARE MILES	4A
Barrowsville Pond	MA62007	Norton	46.658	ACRES	3
Beaumont Pond	MA62009	Foxborough	24.266	ACRES	3
Beaver Brook	MA62-09	Outlet Cleveland Pond, Abingtion to the confluence with the Salisbury Plain River (forming Matfield River), East Bridgewater.	6.817	MILES	4A
Beaver Brook	MA62-30	Source just west of Bay Road, Easton to the inlet Old Pond, Easton.	1.441	MILES	3
Big Bearhole Pond	MA62011	Taunton	37.68	ACRES	5
Blakes Pond	MA62221	Mansfield	5.974	ACRES	3
Briggs Pond	MA62021	Sharon	18.631	ACRES	3
Broad Cove	MA62-50	Dighton/Somerset (formerly reported as lake segment MA62022).	0.126	SQUARE MILES	4A
Brockton Reservoir	MA62023	Avon	89.399	ACRES	4C
Cabot Pond	MA62029	Mansfield	8.65	ACRES	5
Cain Pond	MA62030	Taunton	2.766	ACRES	5
Canoe River	MA62-27	Headwaters in wetland east of Cow Hill, Sharon to inlet of Winnecunnet Pond, Norton.	14.297	MILES	2
Carpenter Pond	MA62032	Foxborough	29.392	ACRES	3
Carver Pond	MA62033	Bridgewater	29.309	ACRES	4C

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Cedar Swamp River	MA62-44	Headwaters south of Freetown Street, Lakeville to the inlet Forge Pond, Freetown (stream name changes to Assonet River at Lakeville/Freetown corporate boundary).	5.828	MILES	2
Chaffin Reservoir	MA62035	Pembroke	12.729	ACRES	3
Chartley Pond	MA62038	Norton/Attleboro	67.578	ACRES	3
Clear Pond	MA62041	Lakeville	17.866	ACRES	2
Cleveland Pond	MA62042	Abington	96.423	ACRES	4C
Cobb Brook	MA62-43	Headwaters south of Dunbar Street (in Crapo Bog), Taunton to confluence with the Taunton River, Taunton.	3.521	MILES	3
Cocasset Lake	MA62043	Foxborough	32.116	ACRES	3
Cooper Pond	MA62046	Carver	21.635	ACRES	2
Cotley River	MA62-41	Headwaters near cranberry bog south off Seekell Street, Taunton (thru Barstows Pond) to the confluence with the Taunton River, Taunton.	5.867	MILES	3
Coweeset Brook	MA62-22	Source, southwest of Route24/Belmont Street interchange, Brockton to confluence with the Hockomock River, West Bridgewater.	3.898	MILES	3
Crocker Pond	MA62051	Wrentham	17.138	ACRES	4C
Cross Pond	MA62052	Brockton	1.679	ACRES	3
Cross Street Pond	MA62053	Bridgewater	26.686	ACRES	3
Cushing Pond	MA62056	Abington	5.727	ACRES	4C
East Freetown Pond	MA62063	Freetown	11.051	ACRES	4C
Elm Street Pond	MA62066	Halifax/Hanson	19.146	ACRES	3
Forge Pond	MA62072	Freetown	55.756	ACRES	3
Forge River	MA62-37	Outlet of Kings Pond, Raynham to confluence with Taunton River, Raynham.	2.542	MILES	3
Fuller Street Pond	MA62234	Middleborough/Carver (formerly reported as MA95058)	20.273	ACRES	4C
Fulton Pond	MA62075	Mansfield	9.328	ACRES	5
Furnace Lake	MA62076	Foxborough	14.916	ACRES	3
Gavins Pond	MA62077	Sharon/Foxborough	17.607	ACRES	4C
Great Quittacas Pond	MA62083	Lakeville/Middleborough/Rochester	1124.265	ACRES	3
Gushee Pond	MA62084	Raynham	26.775	ACRES	4C
Hewitt Pond	MA62088	Raynham	13.642	ACRES	3
Hobart Pond	MA62090	Whitman	9.05	ACRES	5
Hockomock River	MA62-35	Source, west of Route 24 and north of the Old Railroad Grade, West Bridgewater to confluence with the Town River, Bridgewater.	5.06	MILES	3
Hodges Pond	MA62091	(Kingman Pond) Mansfield	6.972	ACRES	5
Island Grove Pond	MA62094	Abington	30.804	ACRES	5
Johns Pond	MA62096	Carver	21.27	ACRES	2
Johnson Pond	MA62097	Raynham	13.536	ACRES	4C
Kings Pond	MA62101	Raynham	13.043	ACRES	3
Lake Mirimichi	MA62118	Plainville/Foxborough	174.996	ACRES	4C
Lake Nippenicket	MA62131	Bridgewater	375.001	ACRES	4A
Lake Rico	MA62148	Taunton	187.981	ACRES	4C

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Lake Sabbatia	MA62166	Taunton	265.419	ACRES	5
Leach Pond	MA62103	Easton/Sharon	110.709	ACRES	3
Little Cedar Swamp	MA62106	Easton	90.898	ACRES	3
Little Quittacas Pond	MA62107	Lakeville/Rochester	294.78	ACRES	3
Long Pond	MA62108	Lakeville/Freetown	1741.496	ACRES	4C
Longwater Pond	MA62109	Easton	8.188	ACRES	4C
Lovett Brook	MA62-46	Headwaters north of Oak Street, Brockton to inlet Elis Brett Pond, Brockton.	1.541	MILES	2
Lower Porter Pond	MA62111	Brockton	7.861	ACRES	4C
Matfield River	MA62-32	Confluence of Beaver Brook and the Salisbury Plain River, East Bridgewater to the confluence with the Town River and the Taunton River, Bridgewater.	6.662	MILES	5
Meadow Brook	MA62-38	Headwaters north of Pine Street, Whitman (through Forge Pond, East Bridgewater) to the confluence with the Matfield River, East Bridgewater.	6.009	MILES	4A
Meadow Brook Pond	MA62113	Norton	13.322	ACRES	3
Middle Pond	MA62115	Taunton	25.864	ACRES	4C
Mill River	MA62-29	Outlet Whittenton Impoundment, Taunton to the confluence with Taunton River, Taunton.	3.386	MILES	3
Monponsett Pond	MA62119	[West Basin] Halifax/Hanson	282.79	ACRES	5
Monponsett Pond	MA62218	[East Basin] Halifax	244.567	ACRES	4A
Mount Hope Mill Pond	MA62122	Taunton/Dighton (includes Three Mile River Impoundment formerly reported as MA62231).	45.174	ACRES	4C
Muddy Cove Brook	MA62-51	From the outlet of the small impoundment behind 333 Main Street (Zeneca Inc.), Dighton to confluence with Taunton River, Dighton (formerly part of MA62-23).	0.008	SQUARE MILES	4A
Muddy Cove Brook	MA62-52	Source south of Hart Street, Dighton through Muddy Cove Brook Pond to the outlet of small impoundment behind 333 Main Street (Zeneca Inc.), Dighton (formerly part of segment MA62-23).	1.969	MILES	3
Muddy Cove Brook Pond	MA62124	Dighton	23.243	ACRES	5
Muddy Pond	MA62125	Carver	61.058	ACRES	4C
Muddy Pond	MA62126	Halifax	12.999	ACRES	3
Muddy Pond	MA62233	Kingston (formerly reported as MA94104).	41.422	ACRES	3
Mulberry Meadow Brook	MA62-31	Outlet New Pond, Easton to inlet of Winnecunnet Pond, Norton.	4.536	MILES	3
Mullein Hill Chapel Pond	MA62127	Lakeville	23.07	ACRES	3
Nemasket River	MA62-25	From the outlet of Assawompset Pond, Lakeville/Middleborough to Middleborough WWTP discharge, Middleborough.	6.093	MILES	2
Nemasket River	MA62-26	From the Middleborough WWTP discharge, Middleborough to the confluence with the Taunton River, Middleborough.	5.365	MILES	2
New Pond	MA62130	Easton	17.727	ACRES	4C
North Center Street Pond	MA62132	Carver	11.812	ACRES	3
Norton Reservoir	MA62134	Norton/Mansfield	556.491	ACRES	5
Oakland Pond	MA62136	Taunton	37.618	ACRES	3
Plymouth Street Pond	MA62141	Halifax/E. Bridgewater	165.015	ACRES	3
Pocksha Pond	MA62145	Lakeville/Middleborough	592.317	ACRES	3

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Poor Meadow Brook	MA62-34	From a wetland near County Street, Hanson to the confluence with the Satucket River, East Bridgewater.	6.903	MILES	3
Poquoy Pond	MA62147	Lakeville	9.899	ACRES	3
Prospect Hill Pond	MA62149	Taunton	41.89	ACRES	3
Puds Pond	MA62151	Sharon/Easton	22.642	ACRES	3
Queset Brook	MA62-21	From the outlet of Ames Long Pond, Easton to the confluence with Coweeset Brook, West Bridgewater.	5.113	MILES	3
Rattlesnake Brook	MA62-45	Headwaters east of Riggenbach Road, Fall River to confluence with Assonet River, Freetown.	3.184	MILES	2
Reservoir	MA62157	Hanson	13.195	ACRES	3
Reservoir	MA62158	Easton	26.913	ACRES	3
Richmond Pond	MA62159	Taunton	5.773	ACRES	4C
Robbins Pond	MA62162	East Bridgewater	123.732	ACRES	3
Robinson Brook	MA62-14	Outlet Hersey Pond, Foxborough to confluence with Rumford River, Mansfield.	1.855	MILES	5
Robinson Pond	MA62163	Mansfield	8.855	ACRES	3
Route One Pond, West	MA62165	Wrentham	9.876	ACRES	3
Rumford River	MA62-39	Outlet Gavins Pond, Sharon to inlet Norton Reservoir, Mansfield (formerly part of segment MA62-15).	8.01	MILES	5
Rumford River	MA62-40	Outlet Norton Reservoir, Norton to confluence with Wading and Threemile rivers, Norton (formerly part of segment MA62-15).	4.532	MILES	2
Salisbury Brook	MA62-08	From the outlet of Cross Pond, Brockton to the confluence with Trout Brook forming the Salibury Plain River, Brockton.	2.542	MILES	5
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	5
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	5
Sassaquin Pond	MA62232	New Bedford (formerly reported as MA95129).	35.757	ACRES	5
Satucket River	MA62-10	From the outlet of Robbins Pond, East Bridgewater to the confluence with the Matfield River, East Bridgewater.	5.597	MILES	2
Savery Pond	MA62167	Middleborough	23.619	ACRES	4C
Sawmill Brook	MA62-36	Outlet of Ice Pond, Bridgewater to confluence with Taunton River, Bridgewater.	1.905	MILES	3
Segreganset River	MA62-53	Source in wetland north of Glebe Street, Taunton through the Segregansett River Ponds to the Segreganset River Dam, Dighton (formerly part of segment MA62-18).	7.854	MILES	4C
Segreganset River	MA62-54	From Segreganset River Dam, Dighton to approximately 250 feet north of Brook Street, Dighton (formerly part of segment MA62-18).	0.351	MILES	4C
Segreganset River	MA62-55	From approximately 250 feet north of Brook Street, Dighton to confluence with the Taunton River, Dighton (formerly part of segment MA62-18).	0.02	SQUARE MILES	4A
Segreganset River Ponds	MA62169	Taunton	13.729	ACRES	3
Shovelshop Pond	MA62172	Easton	7.018	ACRES	4C
Shumatuscacant River	MA62-33	From a wetland just west of Vineyard Road, Abington to the confluence with Poor Meadow Brook, Hanson.	8.504	MILES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Snake River	MA62-28	Outlet of Winnecunnet Pond, Norton to inlet of Lake Sabbatia, Taunton.	3.271	MILES	3
Somerset Reservoir	MA62174	Somerset	164.334	ACRES	4A
Stetson Pond	MA62182	Pembroke	88.209	ACRES	5
Sunset Lake	MA62184	Foxborough	13.526	ACRES	3
Sweets Pond	MA62185	Mansfield	13.484	ACRES	4C
Taunton River	MA62-01	Confluence of Town and Matfield rivers, Bridgewater to Route 24 bridge, Taunton/Raynham.	20.396	MILES	2
Taunton River	MA62-02	Route 24 bridge, Taunton/Raynham to Berkley Bridge, Dighton/Berkley.	0.287	SQUARE MILES	4A
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	5
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	5
The Reservoir	MA62189	Lakeville	22.952	ACRES	3
Thirtyacre Pond	MA62190	Brockton	26.277	ACRES	4C
Three Mile River	MA62-56	Confluence of Wading and Rumford rivers, Norton to impoundment spillway behind 66 South Street (Harodite Finishing Co.), Taunton (formerly part of segment MA62-16).	12.812	MILES	4A
Three Mile River	MA62-57	Impoundment spillway behind 66 South Street (Harodite Finishing Co.), Taunton to confluence with Taunton River, Taunton/Dighton (formerly part of segment MA62-16).	0.022	SQUARE MILES	4A
Thurston Street Pond	MA62192	Wrentham	6.592	ACRES	3
Tispaquin Pond	MA62195	Middleborough	194.595	ACRES	2
Town River	MA62-11	Outlet of Lake Nippenicket, Bridgewater to Route 28 bridge, West Bridgewater.	4.474	MILES	3
Town River	MA62-12	Route 28 bridge, West Bridgewater to Bridgewater WWTP discharge, Bridgewater.	3.842	MILES	3
Town River	MA62-13	Bridgewater WWTP discharge, Bridgewater to confluence with Matfield River forming the Taunton River, Bridgewater.	2.356	MILES	3
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	5
Turnpike Lake	MA62198	Plainville	99.029	ACRES	4C
Unnamed Tributary	MA62-42	Headwaters, south off Slab Bridge Road (in Cedar Swamp portion of Freetown-Fall River State Forest), Freetown to confluence with the Cedar Swamp River, Lakeville.	4.012	MILES	5
Unnamed Tributary	MA62-48	Channel from Taunton Municipal Lighting Plant, Taunton to confluence with Taunton River, Taunton.	0.002	SQUARE MILES	5
Upper Leach Pond	MA62123	(Mountain Street Pond) Sharon	27.881	ACRES	3
Upper Porter Pond	MA62200	Brockton	11.395	ACRES	4C
Vandys Pond	MA62112	(Mcavoy Pond) Foxborough	8.58	ACRES	4C
Wading River	MA62-47	Source in wetland north of West Street, Foxborough to Balcolm Street, Mansfield (due to error on 1987 Wrentham quad it appears segment includes part of Cocasset River, Foxborough) (formerly part of segment MA62-17)	4.158	MILES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Wading River	MA62-49	Balcolm Street, Mansfield to confluence with Threemile River, Norton (formerly part of segment MA62-17).	9.668	MILES	4A
Waldo Lake	MA62201	Avon/Brockton	72.384	ACRES	4C
Ward Pond	MA62203	Easton	5.565	ACRES	3
Watson Pond	MA62205	Taunton	77.523	ACRES	5
West Meadow Pond	MA62208	West Bridgewater	103.81	ACRES	4C
Whiteville Pond	MA62211	Mansfield	14.418	ACRES	3
Whittenton Impoundment	MA62228	Taunton	20.05	ACRES	4C
Winnecunnet Pond	MA62213	Norton	152.274	ACRES	4C
Winnetuxet River	MA62-24	From the outlet of a small unnamed pond near Cole Mill, Carver to the confluence with the Taunton River, Halifax.	11.816	MILES	2
Wolomolopoag Pond	MA62216	Sharon	12.517	ACRES	3
Woods Pond	MA62220	Middleborough	51.081	ACRES	5
Ten Mile					
Bungay River	MA52-06	Headwaters, outlet Greenwood Lake, North Attleborough to confluence with Ten Mile River, Attleboro.	5.083	MILES	5
Cargill Pond	MA52004	Plainville	1.563	ACRES	5
Central Pond	MA52006	Seekonk,MA/Pawtucket,RI/Providence,RI (size indicates portion in Massachusetts)	5.816	ACRES	5
Coles Brook	MA52-11	Headwaters, Grassie Swamp west of Allens Lane, Rehoboth to inlet Central Pond, Seekonk.	4.181	MILES	4C
Falls Pond, North Basin	MA52013	North Attleborough	54.093	ACRES	5
Falls Pond, South Basin	MA52014	North Attleborough	49.367	ACRES	4C
Fourmile Brook	MA52-10	Headwaters, outlet Manchester Pond Reservoir, Attleboro to inlet Orrs Pond, Attleboro.	0.992	MILES	5
Greenwood Lake	MA52017	Mansfield/N. Attleborough	96.64	ACRES	3
Hoppin Hill Reservoir	MA52021	North Attleborough	22.446	ACRES	3
James V. Turner Reservoir	MA52022	Seekonk,MA/E. Providence,RI (size indicates portion in Massachusetts)	28.436	ACRES	5
Lake Como	MA52010	Attleboro/N. Attleborough	4.807	ACRES	5
Manchester Pond Reservoir	MA52026	Attleboro	237.347	ACRES	3
Orrs Pond	MA52029	Attleboro	57.864	ACRES	4C
Plain Street Pond	MA52032	Mansfield	12.231	ACRES	5
Scotts Brook	MA52-09	Headwaters, north of High Street, North Attleborough to confluence with Ten Mile River, North Attleborough.	2.11	MILES	4C
Sevenmile River	MA52-07	Headwaters, outlet Hoppin Hill Reservoir, North Attleborough to inlet Orrs Pond, Attleboro (thru Luther Reservoir formerly segment MA52025).	3.2	MILES	2
Sevenmile River	MA52-08	Outlet Orrs Pond, Attleboro to confluence with Ten Mile River, Pawtucket, Rhode Island.	3.402	MILES	5
Speedway Brook	MA52-05	(locally known as Thacher Brook) Headwaters, Attleboro to inlet of Dodgeville Pond (a Ten Mile River impoundment), Attleboro.	0.9	MILES	5
Ten Mile River	MA52-01	Headwaters, outlet Cargill Pond, Plainville to West Bacon Street, Plainville (through Fuller Pond formerly segment MA52016).	1.538	MILES	5

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Ten Mile River	MA52-02	West Bacon Street, Plainville to North Attleborough WWTP discharge, Attleboro (excluding 0.9 miles thru Falls Pond segment MA52013, but including thru Wetherells Pond formerly segment MA52041).	4.087	MILES	5
Ten Mile River	MA52-03	North Attleborough WWTP discharge, Attleboro to the MA/RI border near Central Avenue, Seekonk, MA/Pawtucket, RI (thru former segments; Farmers Pond MA52015, Mechanics Pond MA52027, Dodgeville Pond MA52011, and Hebronville Pond MA52020).	9.084	MILES	5
Whiting Pond	MA52042	North Attleborough/Plainville	23.582	ACRES	4A
Westfield					
Ashley Brook	MA32-37	Headwaters (perennial portion), south of Hillside Road, Westfield to confluence with Jacks Brook, Westfield.	0.5	MILES	5
Ashley Cutoff	MA32001	Holyoke	30.738	ACRES	3
Ashley Pond	MA32002	Holyoke	132.604	ACRES	3
Bedlam Brook	MA32-33	Source, north of Blandford Road to confluence with Peebles Brook, Blandford.	3.208729	MILES	2
Blair Pond	MA32009	Blandford	69.182	ACRES	4C
Borden Brook Reservoir	MA32011	Granville/Blandford	210.832	ACRES	3
Bradley Brook	MA32-21	From the confluence of Black and Stage brooks, Russell to the confluence with the Westfield River, Russell.	0.722654	MILES	2
Buck Pond	MA32012	Westfield	22.754	ACRES	4C
Buckley-Dunton Lake	MA32013	Becket	153.635	ACRES	4A
Center Pond	MA32015	Becket	113.857	ACRES	4C
Clear Pond	MA32077	Holyoke	9.772	ACRES	3
Cobble Mountain Reservoir	MA32018	Blandford/Granville/Russell	1033.76	ACRES	3
Congamond Lakes	MA32021	[Middle Basin] Southwick	278.774	ACRES	5
Congamond Lakes	MA32022	[North Basin] Southwick	46.052	ACRES	5
Congamond Lakes	MA32023	[South Basin] Southwick	144.049	ACRES	4C
Connor Reservoir	MA32024	Holyoke	17.05	ACRES	3
Cook Brook	MA32-38	Headwaters, outlet small unnamed pond west of the intersection of Gorge and Granville roads, Westfield to the confluence with Little River, Westfield.	2	MILES	2
Cooley Lake	MA32026	Granville	66.304	ACRES	3
Crooked Pond	MA32028	Plainfield	33.696	ACRES	3
Damon Pond	MA32029	Chesterfield/Goshen	77.573	ACRES	3
Depot Brook	MA32-17	Source in Washington (north of Beach Road) to confluence with Yokum Brook, Becket.	6.040331	MILES	2
Dickinson Brook	MA32-34	Source, confluence of Trumble Brook and Seymour Brook to confluence with Munn Brook, Granville.	3.424544	MILES	2
Garnet Lake	MA32037	Peru	17.484	ACRES	3
Glendale Brook	MA32-10	From headwaters in a wetland in Peru State Forest, Peru to confluence with Middle Branch Westfield River, Middlefield.	6.048302	MILES	3
Granville Reservoir	MA32038	Granville	73.81	ACRES	3
Great Brook	MA32-25	Source at outlet of Congamond Lakes, Southwick to confluence with Westfield River, Westfield.	10.69273	MILES	2

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Hammond Pond	MA32040	Goshen	37.951	ACRES	3
Horse Pond	MA32043	Westfield	24.284	ACRES	4C
Jacks Brook	MA32-39	Headwaters, east of Fowler Road, Westfield to inlet of Crane Pond/Little River, Westfield.	2.4	MILES	5
Kinne Brook	MA32-32	Source, west of West Street, Worthington to confluence with Middle Branch Westfield River, Chester.	5.583392	MILES	2
Little River	MA32-08	Horton's Bridge, Westfield to confluence with Westfield River, Westfield.	5.386436	MILES	5
Little River	MA32-16	Confluence of Watts and Wards streams in Worthington (Ringville) to confluence with Westfield River, Huntington.	5.677	MILES	2
Little River	MA32-35	Source at the outlet of Cobble Mountain Reservoir dam, Russell to dam northwest of Gorge Road, Russell. (formerly part of segment MA32-26)	2.633	MILES	2
Little River	MA32-36	From the dam northwest of Gorge Road, Russell to Horton's Bridge, Westfield. (formerly part of segment MA32-26)	5.809	MILES	5
Littleville Lake	MA32046	Chester/Huntington	251.557	ACRES	3
Mclean Reservoir	MA32050	Holyoke	55.154	ACRES	3
Meadow Brook	MA32-11	Outlet of unnamed pond in Plainfield, south of Route 116, to confluence with Westfield River, Cummington.	4.567083	MILES	3
Middle Branch Westfield River	MA32-02	Source in Peru State Wildlife Management Area, Peru to inlet of Littleville Lake just upstream from boat ramp (south of Kinne Brook Road), Chester.	14.743	MILES	2
Middle Branch Westfield River	MA32-03	Littleville Dam, Chester/Huntington to confluence with Westfield River, Huntington.	1.091059	MILES	3
Miller Brook	MA32-27	Outlet from small unnamed pond in Robinson State Park, north of North Street, Agawam to confluence with Westfield River, Agawam.	0.628635	MILES	2
Moose Meadow Brook	MA32-23	Source in wetland west of Bungy Mountain, Montgomery to confluence with Westfield River, Westfield.	8.175	MILES	5
North Railroad Pond	MA32053	Holyoke	9.125	ACRES	3
Norwich Pond	MA32054	Huntington	116.015	ACRES	3
Paucatuck Brook	MA32-29	From outlet of Bearhole Reservoir, West Springfield to confluence with Westfield River, West Springfield.	1.475756	MILES	3
Pequot Pond	MA32055	Westfield/Southampton	155.002	ACRES	5
Pond Brook	MA32-24	Outlet of Chapin Pond, Westfield to confluence with Powdermill Brook, Westfield.	3.89069	MILES	2
Potash Brook	MA32-22	Source at outlet of Dunlap Pond in Blandford to confluence with Westfield River at village of Woronoco, Russell.	5.163059	MILES	5
Powdermill Brook	MA32-09	Source, east of Pitcher Road, Montgomery to confluence with Westfield River, Westfield.	9.542397	MILES	5
Roaring Brook	MA32-30	Source north of Horse Hill in Huntington State Forest, Huntington to confluence with Westfield River, Montgomery.	4.336	MILES	2
Robin Hood Lake	MA32057	Becket	63.634	ACRES	3
Rudd Pond	MA32060	Becket	71.857	ACRES	3
Russell Pond	MA32061	Russell	82.18	ACRES	2
Sanderson Brook	MA32-31	Source north of Chester Road in the Chester/Blandford State Forest, Blandford to confluence with West Branch Westfield River, Chester.	3.460416	MILES	2
Scout Pond	MA32063	Chesterfield	36.779	ACRES	3

Appendix 1
Assessment Units and Integrated List Categories by Major Watershed

NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Shaker Mill Brook	MA32-18	Source in October Mountain State Forest, Washington to confluence with Depot Brook, Becket.	4.175987	MILES	2
Swift River	MA32-12	Source, southwest of Hawley center to confluence with Westfield River at village of Swift River, Cummington.	11.50344	MILES	2
Walker Brook	MA32-20	Headwaters at outlet of Center Pond (north of YMCA Road), Becket to confluence of the West Branch Westfield River, Chester.	7.124	MILES	2
Wards Stream	MA32-15	Source southeast of Knowles Hill, Worthington to confluence with Watts Stream at Ringville, Worthington.	5.213408	MILES	2
Watts Stream	MA32-14	Source near West Hill, Worthington to confluence with Wards Stream at Ringville, Worthington.	5.17417	MILES	2
West Branch Westfield River	MA32-01	Source formed by confluence of Depot Brook and Yokum Brook in Becket to confluence with Westfield River, Huntington.	18.105	MILES	2
West Falls Branch	MA32-13	Headwaters at confluence of Bronson Brook and an unnamed tributary near the intersection of Dingle Road and Route 143, Worthington to confluence with Westfield River near the village of West Chesterfield, Chesterfield. (formerly identified by the Massachusetts Stream Classification Program as West Branch)	2.791	MILES	3
Westfield Reservoir	MA32074	Montgomery	40.049	ACRES	3
Westfield River	MA32-04	Confluence of Drowned Land Brook and Center Brook in Savoy to confluence with Middle Branch Westfield River, Huntington.	33.156	MILES	2
Westfield River	MA32-05	Confluence with Middle Branch Westfield River, Huntington to Route 20 bridge, Westfield.	17.837	MILES	5
Westfield River	MA32-06	Route 20 bridge, Westfield to Westfield city boundary with West Springfield and Agawam.	1.911025	MILES	3
Westfield River	MA32-07	Westfield/West Springfield/Agawam city line to confluence with Connecticut River, Agawam.	8.47687	MILES	2
White Brook	MA32-28	Source just north of Route 147, Agawam to confluence with Westfield River, Agawam.	0.929925	MILES	2
Windsor Pond	MA32076	Windsor	46.598	ACRES	5
Wright Pond	MA32078	Holyoke	28.124	ACRES	3
Yokum Brook	MA32-19	Source at outlet of Buckley-Duton Lake (east of Walling Mountain), Becket to confluence with Depot Brook, Becket.	4.006738	MILES	2
Yokum Pond	MA32079	Becket	97.745	ACRES	3
Weymouth & Weir					
Accord Brook	MA74-16	Headwaters, outlet Accord Pond, Hingham to water supply intake (4131000-02S Accord Brook) south of South Pleasant Street, Hingham.	3.2	MILES	5
Accord Brook	MA74-17	From water supply intake (4131000-02S Accord Brook) south of South Pleasant Street, Hingham to inlet Triphammer Pond, Hingham.	1.8	MILES	4C
Accord Pond	MA74030	Hingham/Norwell/Rockland (formerly reported as MA94002)	103	ACRES	3
Cochato River	MA74-06	Outlet Lake Holbrook, Holbrook to confluence with Farm and Monatiquot rivers, Braintree (through former pond segment Ice House Pond MA74028). (SARIS note: the upper portion of this segment is comprised of three surface waters: unnamed tributary from the outlet of Lake Holbrook, portion of Mary Lee Brook, portion of Glovers Brook).	4.1	MILES	5
Crooked Meadow River	MA74-01	Outlet Cushing Pond, Hingham to confluence with Weir River, Hingham.	1	MILES	5

Appendix 1
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NAME	SEGMENT ID	DESCRIPTION	SIZE	UNITS	CATEGORY
Farm River	MA74-07	From Randolph/Braintree border (where name changes from Blue Hill River), to confluence with Cochato River (forming headwaters of Monatiquot River), Braintree.	3.1	MILES	3
Furnace Brook	MA74-10	From headwaters north of Blue Hills Reservoir, Quincy to confluence with Blacks Creek, Quincy (portions culverted underground).	4.2	MILES	5
Hingham Harbor	MA74-18	Hingham Harbor inside a line from Crows Point to Worlds End, Hingham (formerly reported as MA70-08).	1.12	SQUARE MILES	5
Hoosicwhisick Pond	MA74015	Milton	23	ACRES	3
Lake Holbrook	MA74013	Holbrook	31	ACRES	5
Mill River	MA74-04	Headwaters, west of Route 18 and south of Randolph Street, Weymouth to inlet Whitmans Pond, Weymouth (portions culverted underground).	3.4	MILES	5
Monatiquot River	MA74-08	Headwaters at confluence of Cochato and Farm rivers, Braintree to confluence with Weymouth Fore River at Commercial Street, Braintree.	4.4	MILES	5
Old Quincy Reservoir	MA74017	Braintree	27	ACRES	3
Old Swamp River	MA74-03	Headwaters just west of Pleasant Street and north of Liberty Street, Rockland to inlet Whitmans Pond, Weymouth.	5.2	MILES	5
Sunset Lake	MA74020	Braintree	58	ACRES	4C
Sylvan Lake	MA74021	Holbrook	6	ACRES	5
Town Brook	MA74-09	Outlet Old Quincy Reservoir, Braintree to confluence with Town River Bay north of Route 3A, Quincy (includes "The Canal"/Town River) (portions culverted underground).	3.5	MILES	5
Town River Bay	MA74-15	From the headwaters at the Route 3A bridge, Quincy to the mouth at Weymouth Fore River between Shipyard and Germantown Points, Quincy.	0.46	SQUARE MILES	5
Trout Brook	MA74-12	Headwaters southwest of South Street, Holbrook to inlet Lake Holbrook, Holbrook.	1.2	MILES	3
Weir River	MA74-02	Headwaters at confluence of Crooked Meadow River and Fulling Mill Brook, Hingham to Foundry Pond outlet, Hingham (through former pond segment Foundry Pond MA74011).	2.7	MILES	5
Weir River	MA74-11	From Foundry Pond outlet, Hingham to mouth at Worlds End, Hingham and Nantasket Road near Beech Avenue, Hull (including unnamed tributary from outlet Straits Pond, Hingham/Hull).	0.83	SQUARE MILES	5
Weymouth Back River	MA74-05	Outlet Elias Pond, Weymouth to the base of the fish ladder north of Commercial Street,Weymouth.	0.4	MILES	5
Weymouth Back River	MA74-13	From the base of the fish ladder north of Commercial Street, Weymouth to mouth between Lower Neck, Weymouth (to the west) and Wompatuck Road, Hingham.	0.86	SQUARE MILES	5
Weymouth Fore River	MA74-14	Commercial Street, Braintree to mouth (eastern point at Lower Neck, Weymouth and western point at Wall Street on Houghs Neck, Quincy).	2.29	SQUARE MILES	5
Whitmans Pond	MA74025	Weymouth	147	ACRES	5

Appendix 2
Category 5 and 4c Impairments *added* to the 2012 Integrated List

Waterbody	Segment	Category		Notes
		2010	*2012*	
Blackstone				
Arnolds Brook	MA51-32	3	*5*	Added to Category 5 as impaired by "Escherichia coli" based on new assessment.
Beaver Brook	MA51-07	5	*5*	"Taste and Odor" and "Bottom Deposits" added based on new assessment.
Blackstone River	MA51-03	5	*5*	"Fishes Bioassessments", "Oxygen, Dissolved", "Phosphorus (Total)", "Taste and Odor", "Excess Algal Growth" and "Foam/Flocs/Scum/Oil Slicks" added based on new assessment.
Blackstone River	MA51-04	5	*5*	"Fishes Bioassessments", "Phosphorus (Total)", "Excess Algal Growth" added based on new assessment. "DDT" (from Rice City Pond) inadvertently omitted from previous list.
Blackstone River	MA51-05	5	*5*	"Nutrient/Eutrophication Biological Indicators" and "Excess Algal Growth" added based on new assessment.
Blackstone River	MA51-06	5	*5*	"DDT" added based on new DPH fish advisory.
Cedar Swamp Brook	MA51-33	3	*5*	Added to Category 5 as impaired by "Fishes Bioassessments" based on new assessment.
Coal Mine Brook	MA51-27	3	*5*	New segment added to Category 5 as impaired by "(Fish Kills*)", "Fishes Bioassessments", "Sediment/Siltation" and "Temperature, water" based on new assessment.
Cook Allen Brook	MA51-28	3	*5*	New segment added to Category 5 as impaired by "Fishes Bioassessments" based on new assessment.
Dark Brook	MA51-16	5	*5*	"Escherichia coli" added based on new assessment.
Indian Lake	MA51073	4a	*4a*	"(Eurasian Water Milfoil*)" added based on new assessment.
Manchaug Pond	MA51091	5	*5*	"Mercury in Fish Tissue" added based on new DPH fish advisory. Approved for coverage under NEHg TMDL Addendum.
Mill River	MA51-36	--	*5*	New segment. Formerly part of MA51-10. "Escherichia coli" added based on new assessment.
Poor Farm Brook	MA51-17	5	*5*	"(Low flow alterations*)" added based on new assessment.
Lake Quinsigamond	MA51125	4a	*4a*	"(Eurasian Water Milfoil*)" and "Oxygen, Dissolved" [6/28/2002-CN115.0] added based on new assessment.
Quinsigamond River	MA51-09	4a	*4a*	"(Eurasian Water Milfoil*)" added based on the new assessment.
Silver Lake	MA51150	3	*4c*	"(Non-native Aquatic Plants*)" added based on new assessment.
Singletary Brook	MA51-31	3	*5*	Added to Category 5 as impaired by "Aquatic Plants (Macrophytes)", "(Non-Native Aquatic Plants*)" based on new assessment.
Singletary Pond	MA51152	4c	*4c*	"(Eurasian Water Milfoil*)" added based on the new assessment.
Taft Pond	MA51165	3	*4c*	"(Non-native Aquatic Plants*)" added based on new assessment.
Unnamed Tributary	MA51-20	5	*5*	"Nutrient/Eutrophication Biological Indicators", "Fecal Coliform", "(Low-flow alterations*)" and "(Debris/Floatables/Trash*)" inadvertently omitted when segment was first created
Boston Harbor				
Boston Inner Harbor	MA70-02	5	*5*	"Enterococcus" and "Oxygen, Dissolved" added based on new assessment.
Dorchester Bay	MA70-03	5	*5*	"Enterococcus" added based on new assessment.
Hingham Bay	MA70-06	5	*5*	"PCB in Fish Tissue" and "Other (contaminants in fish/shellfish)" added based on new assessment.
Hingham Bay	MA70-07	5	*5*	"PCB in Fish Tissue" and "Other (contaminants in fish/shellfish)" added based on new assessment.
Hull Bay	MA70-09	5	*5*	"PCB in Fish Tissue" and "Other (contaminants in fish/shellfish)" added based on new assessment.
Quincy Bay	MA70-04	5	*5*	"Enterococcus" added based on new assessment.
Quincy Bay	MA70-05	5	*5*	"Enterococcus" added based on new assessment.
Winthrop Bay	MA70-10	5	*5*	"Enterococcus", "PCB in Fish Tissue" and "Other (contaminants in fish/shellfish)" added based on new assessment.

Appendix 2
Category 5 and 4c Impairments *added* to the 2012 Integrated List

Buzzards Bay				
Butler Cove	MA95-77	--	*5*	New segment added to Category 5 as impaired by "Estuarine Bioassessment" at the request of the Buzzards Bay Coalition
Fiddlers Cove	MA95-79	--	*5*	New segment added to Category 5 as impaired by "Nutrient/Eutrophication Biological Indicators" at the request of the Buzzards Bay Coalition
Herring Brook	MA95-21	4a	*5*	Added to Category 5 as impaired by "Chlorophyll-a" and "Nitrogen (Total)" at the request of the Buzzards Bay Coalition
Little Buttermilk Bay	MA95-76	--	*5*	New segment added to Category 5 as impaired by "Estuarine Bioassessment" at the request of the Buzzards Bay Coalition
Rands Harbor	MA95-78	--	*5*	New segment added to Category 5 as impaired by "Nutrient/Eutrophication Biological Indicators" at the request of the Buzzards Bay Coalition
Sippican River	MA95-06	3	*5*	Added to Category 5 as impaired by "Chlorophyll-a", "Oxygen, Dissolved" and "(Fish-passage Barrier*)" at the request of the Buzzards Bay Coalition
Cape Cod				
Areys Pond	MA96-70	4a	*4a*	"Estuarine Bioassessments" [10/24/2007-CN244.0] added based on new assessment.
Ashumet Pond	MA96004	4a	*5*	"Abnormal Fish Histology (Lesions)", "Abnormal fish deformities, erosions, lesions, tumors (DELTS)", "Oxygen, Dissolved" and "Phosphorus (Total)" added based on new assessment
Barnstable Harbor	MA96-01	4a	*5*	"Estuarine Bioassessments" added based on new assessment.
Bass River	MA96-12	4a	*5*	"Estuarine Bioassessments" added based on new assessment.
Bearse Pond	MA96012	4c	*4a*	"Mercury in Fish Tissue" added based on new assessment. Approved for coverage under NEHg TMDL Addendum.
Bournes Pond	MA96-57	4a	*4a*	"Estuarine Bioassessments" [7/18/2007-CN181.0] added based on new assessment.
Bucks Creek	MA96-44	4a	*4a*	"Enterococcus" [8/28/2009-CN252.0] added based on new assessment.
Cedar Pond	MA96-88	--	*5*	New segment – Added to Category 5 as impaired by "Chlorophyll-a", "Dissolved oxygen saturation" and "Oxygen, Dissolved" based on new assessment.
Centerville River	MA96-04	4a	*4a*	"Estuarine Bioassessments" [12/18/2007-CN248.0] added based on new assessment.
Cockle Cove Creek	MA96-79	3	*4a*	"Fecal Coliform" [8/28/12-CN252.5] and "Enterococcus" [8/28/12-CN252.5] added based on new assessment.
Dock Creek	MA96-86	3	*4a*	"Fecal Coliform" [8/28/12-CN252.5] added based on new assessment.
East Harbor (Pilgrim Lake)	MA96-83	3	*4a*	"Fecal Coliform" [8/28/12-CN252.5] added based on new assessment.
Great Pond	MA96115	5	*5*	"Chlorophyll-a" added based on new assessment.
Great Pond	MA96-54	4a	*4a*	"Estuarine Bioassessments" [7/18/2007-CN181.0] added based on new assessment.
Great River	MA96-60	4a	*4a*	"Estuarine Bioassessments" [11/7/2007-CN218.0] added based on new assessment.
Green Pond	MA96-55	4a	*4a*	"Estuarine Bioassessments" [7/18/2007-CN181.0] added based on new assessment.
Halls Creek	MA96-93	--	*4a*	New segment - "Fecal Coliform" [8/28/12-CN252.5] added based on new assessment.
Hamblin Pond	MA96126	4a	*5*	"Oxygen, Dissolved" added based on new assessment.
Hamblin Pond	MA96-58	4a	*4a*	"Estuarine Bioassessments" [11/7/2007-CN218.0] added based on new assessment.
Herring River	MA96-33	4a	*5*	"Aluminum", "Estuarine Bioassessments", "pH, Low", "(Fish Passage Barrier*)" and "(Other flow regime alterations*)" added based on new assessment.
Herring River	MA96-67	5	*5*	"(Fish-Passage Barrier*)", "(Fish Kills*)" and "(Other flow regime alterations*)" added based on new assessment.
Horseleach Pond	MA96144	3	*4a*	"Mercury in Fish Tissue" added based on new assessment. Approved for coverage under NEHg TMDL Addendum.
Hyannis Inner Harbor	MA96-82	3	*5*	Added to Category 5 as impaired by "Nitrogen (Total)" and "Fecal Coliform" [8/28/12-CN252.5] based on new assessment.

Appendix 2
Category 5 and 4c Impairments *added* to the 2012 Integrated List

Lawrence Pond	MA96165	3	*4a*	"Mercury in Fish Tissue" added based on new assessment. Approved for coverage under NEHg TMDL Addendum.
Jehu Pond	MA96-59	4a	*4a*	"Estuarine Bioassessments" [11/7/2007-CN218.0] added based on new assessment.
Lewis Bay	MA96-36	4a	*5*	"Estuarine Bioassessments" added based on new assessment.
Little Pleasant Bay	MA96-78	4a	*4a*	"Fecal Coliform" [8/28/12-CN252.5] added based on new assessment.
Little Pond	MA96-56	4a	*4a*	"Fecal Coliform" [8/28/12-CN252.5] added based on new assessment.
Little River	MA96-61	4a	*4a*	"Estuarine Bioassessments" [11/7/2007-CN218.0] added based on new assessment.
Lovells Lake	MA96185	3	*5*	"Chlorophyll-a", "Excess Algal Growth", "Secchi disk transparency", "Oxygen, Dissolved" and "Phosphorus (Total)" added based on new assessment.
Lovers Lake	MA96186	3	*5*	"Secchi disk transparency" added based on new assessment.
Lower Mill Pond	MA96188	5	*5*	"Chlorophyll-a" and "Secchi disk transparency" added based on new assessment.
Middle Pond	MA96198	3	*5*	"Oxygen, Dissolved" added based on new assessment.
Mill Creek	MA96-80	3	*5*	Added to Category 5 as impaired by "Nitrogen (Total)" and "Fecal Coliform" [8/28/12-CN252.5] based on new assessment.
Mill Creek	MA96-85	3	*4a*	"Fecal Coliform" [8/28/12-CN252.5] added based on new assessment.
Mill Pond	MA96-52	4a	*4a*	"Estuarine Bioassessments" [6/22/2009-CN206.1] added based on new assessment.
Mystic Lake	MA96218	3	*5*	"Oxygen, Dissolved" and "(Non-Native Aquatic Plants*)" added based on new assessment.
Namequoit River	MA96-71	4a	*4a*	"Estuarine Bioassessments" [10/24/2007-CN244.0] added based on new assessment.
Old Harbor Creek	MA96-84	3	*4a*	"Fecal Coliform" [8/28/12-CN252.5] added based on new assessment.
Oyster Pond	MA96-45	4a	*4a*	"Estuarine Bioassessments" [6/22/2009-CN206.1] added based on new assessment.
Oyster Pond River	MA96-46	4a	*4a*	"Estuarine Bioassessments" [6/22/2009-CN206.1] added based on new assessment.
Paw Wah Pond	MA96-72	4a	*4a*	"Estuarine Bioassessments" [10/24/2007-CN244.0] and "Fecal Coliform" [8/28/12-CN252.5] added based on new assessment.
Pochet Neck	MA96-73	4a	*4a*	"Estuarine Bioassessments" [10/24/2007-CN244.0] and "Fecal Coliform" [8/28/12-CN252.5] added based on new assessment.
Popponesset Creek	MA96-39	4a	*5*	"Estuarine Bioassessments" added based on new assessment.
The River	MA96-76	4a	*4a*	"Estuarine Bioassessments" [10/24/2007-CN244.0] and "Fecal Coliform" [8/28/12-CN252.5] added based on new assessment.
Round Pond (East)	MA96260	3	*4a*	"Mercury in Fish Tissue" added based on new assessment. Approved for coverage under NEHg TMDL Addendum.
Round Pond (West)	MA96261	3	*4a*	"Mercury in Fish Tissue" added based on new assessment. Approved for coverage under NEHg TMDL Addendum.
Ryder Cove	MA96-50	4a	*4a*	"Estuarine Bioassessments" [10/24/2007-CN244.0] added based on new assessment.
Santuit Pond	MA96277	5	*5*	"Chlorophyll-a", "Nutrient/Eutrophication Biological Indicators", "Secchi disk transparency", "pH, High", "Abnormal Fish Histology (Lesions)" and "Abnormal fish deformities, erosions, lesions, tumors (DELTS)" added based on new assessment.
Santuit River	MA96-92	--	*4a*	New segment - "Fecal Coliform" [8/28/12-CN252.5] added based on new assessment.
Snows Creek	MA96-81	3	*4a*	"Fecal Coliform" [8/28/12-CN252.5] added based on new assessment.
Spectacle Pond	MA96306	3	*4a*	"Mercury in Fish Tissue" added based on new assessment. Approved for coverage under NEHg TMDL Addendum.
Spectacle Pond	MA96307	3	*4a*	"Mercury in Fish Tissue" added based on new assessment. Approved for coverage under NEHg TMDL Addendum.
Springhill Creek	MA96-87	3	*4a*	"Fecal Coliform" [8/28/12-CN252.5] added based on new assessment.
Stewarts Creek	MA96-94	--	*4a*	New segment – Added to Category 5 as impaired by "Fecal Coliform" [8/28/12-CN252.5] based on new assessment.
Stillwater Pond	MA96309	3	*5*	Added to Category 5 as impaired by "Secchi disk transparency", based on new assessment.
Swan Pond River	MA96-14	4a	*5*	"Estuarine Bioassessments" added based on new assessment.

Appendix 2
Category 5 and 4c Impairments *added* to the 2012 Integrated List

Town Cove	MA96-68	4a	*5*	"Estuarine Bioassessments" added based on new assessment.
Walkers Pond	MA96331	5	*5*	"Secchi disk transparency" added based on new assessment.
Charles				
Charles River	MA72-07	5	*5*	Added "(Eurasian Water Milfoil *Myriophyllum spicatum**)" based on comment by CRWA.
Charles River	MA72-38	5	*5*	"Escherichia coli" added based on comment from CRWA.
Muddy River	MA72-11	5	*5*	"DDT" added based on new DPH fish advisory for Leverett Pond which is now included in this segment.
Chicopee				
Chicopee River	MA36-22	5	*5*	"Mercury in Fish Tissue" added based on new DPH fish advisory.
Deerfield				
Ashfield Pond	MA33001	3	*4a*	"Mercury in Fish Tissue" added based on new assessment. Approved for coverage under NEHg TMDL Addendum.
Ipswich				
Pleasant Pond	MA92049	3	*5*	"Mercury in Fish Tissue" added based on new DPH fish advisory.
Merrimack				
Bartlett Brook	MA84A-36	*3*	*5*	Added to Category 5 as impaired by "Escherichia coli" based on new assessment.
Bennetts Brook	MA84B-06	*3*	*5*	Added to Category 5 as impaired by "Escherichia coli" based on new assessment.
Black Brook	MA84A-17	5	*5*	"(Debris/Floatables/Trash*)", "Fishes Bioassessments" and "(Physical substrate habitat alterations*)" added based on new assessment.
Creek Brook	MA84A-37	*3*	*5*	Added to Category 5 as impaired by "Escherichia coli" based on new assessment.
Deep Brook	MA84A-21	5	*5*	"Fishes Bioassessments" and "(Habitat Assessment (Streams)*)" added based on new assessment.
East Meadow River	MA84A-39	*3*	*5*	Added to Category 5 as impaired by "Escherichia coli" based on new assessment.
Fish Brook	MA84A-40	5	*5*	"Escherichia coli" added based on new assessment.
Forge Pond	MA84015	4a	*4a*	"(Non-Native Aquatic Plants*)" added based on new assessment.
Johnson Creek	MA84A-15	*3*	*5*	Added to Category 5 as impaired by "Escherichia coli" based on new assessment.
Knops Pond/Lost Lake	MA84084	4a	*4a*	Added "(Eurasian Water Milfoil *Myriophyllum spicatum**)" based on new assessment
Little River	MA84A-09	5	*5*	"(Debris/Floatables/Trash*)" added based on new assessment.
Long Pond	MA84032	5	*5*	"(Non-Native Aquatic Plants*)" added based on new assessment.
Lake Mascuppic	MA84037	*3*	*4c*	"(Non-Native Aquatic Plants*)" added based on new assessment.
Merrimack River	MA84A-06	5	*5*	"Enterococcus" added based on new assessment.
Nabnasset Pond	MA84044	4a	*4a*	"(Non-Native Aquatic Plants*)" added based on new assessment.
Peppermint Brook	MA84A-35	*3*	*5*	Added to Category 5 as impaired by "Escherichia coli" and "(Debris/Floatables/Trash*)" based on new assessment.
Richardson Brook	MA84A-12	4c	*5*	"Escherichia coli" added based on new assessment.
Tadmuck Brook	MA84B-07	*3*	*5*	Added to Category 5 as impaired by "Escherichia coli" based on new assessment.
Trout Brook	MA84A-13	*3*	*5*	Added to Category 5 as impaired by "Escherichia coli" based on new assessment.
Trull Brook	MA84A-14	*3*	*5*	Added to Category 5 as impaired by "Escherichia coli" based on new assessment.
Unnamed Tributary	MA84A-30	*3*	*5*	Added to Category 5 as impaired by "Escherichia coli" based on new assessment.

Appendix 2
Category 5 and 4c Impairments *added* to the 2012 Integrated List

Millers				
Moores Pond	MA35048	*3*	*4a*	"Mercury in Fish Tissue" added based on new assessment. Approved for coverage under NEHg TMDL Addendum.
Whites Mill Pond	MA35099	*4a*	*5*	"Mercury in fish Tissue" added to correct an earlier omission.
Mount Hope Bay				
Sawdy Pond	MA61005	--	*4a*	New segment – "Mercury in Fish Tissue" added based on new assessment. Approved for coverage under NEHg TMDL Addendum.
Mystic				
Aberjona River	MA71-01	5	*5*	(Now includes Judkins and Mill ponds). "Sediment Bioassays – Chronic Toxicity – Freshwater" and "Turbidity" added based on new assessment.
Alewife Brook	MA71-04	5	*5*	"Sediment Bioassays – Chronic Toxicity – Freshwater" and "Secchi disk transparency" added based on new assessment. "PCB in Fish Tissue" added based on new DPH fish advisory.
Belle Isle Inlet	MA71-14	3	*5*	Added to Category 5 as impaired by "Fecal Coliform", "PCB in Fish Tissue" and "Other (contaminants in shellfish)" based on new assessment.
Blacks Nook	MA71005	5	*5*	"Secchi disk transparency" and "(Non-Native Aquatic Plants*)" added based on new assessment.
Chelsea River	MA71-06	5	*5*	"Sediment Screening Value (Exceedence)" added based on new assessment.
Ell Pond	MA71014	5	*5*	"Chlorophyll-a" and "Secchi disk transparency" added based on new assessment.
Hills Pond	MA71018	3	*4c*	"(Eurasian Water Milfoil*)" added based on new assessment.
Horn Pond	MA71019	5	*5*	"(Non-Native Aquatic Plants*)" added based on new assessment.
Lower Mystic Lake	MA71027	5	*5*	"Sediment Bioassays – Chronic Toxicity – Freshwater" added based on new assessment. "PCB in Fish Tissue" and "DDT" added based on new DPH fish advisory.
Malden River	MA71-05	5	*5*	"Escherichia coli", "Sediment Bioassays – Chronic Toxicity – Freshwater", "Secchi disk transparency", "Phosphorus (Total)", "pH (High)" and "Dissolved oxygen saturation" added based on new assessment.
Mill Creek	MA71-08	5	*5*	"PCB in Fish Tissue" and "Other (contaminants in shellfish)" added based on new assessment.
Mystic River	MA71-02	5	*5*	"Chlorophyll-a", "Dissolved oxygen saturation", "Secchi disk transparency", "(Fish-Passage Barrier*)" and "Sediment Bioassays – Chronic Toxicity – Freshwater" added based on new assessment.
Mystic River	MA71-03	5	*5*	"Sediment Bioassays – Chronic Toxicity – Freshwater" added based on new assessment. Later changed to "Sediment Screening Value (exceedence)" based on request for clarification by MWRA (Andrea Rex, personal communication)
Unnamed Tributary	MA71-13	--	*5*	New segment – Added to Category 5 as impaired by "Escherichia coli" based on new assessment.
Upper Mystic Lake	MA71043	3	*5*	Segment listed in Category 5 as impaired by "Oxygen, Dissolved", "Dissolved oxygen saturation" and "(Non-Native Aquatic Plants*)" based on new assessment.
Winn Brook	MA71-09	5	*5*	"(Physical substrate habitat alterations*)" added based on new assessment.
Winter Pond	MA71047	5	*5*	"(Non-Native Aquatic Plants*)" added based on new assessment.
Nashua				
Bartlett Pond	MA81008	--	*5*	New segment added to Category 5 as impaired by "Escherichia coli" at the request of the NRWA
Lake Shirley	MA81122	5	*5*	"Mercury in Fish Tissue" added based on new assessment. Approved for coverage under NEHg TMDL Addendum.

Appendix 2
Category 5 and 4c Impairments *added* to the 2012 Integrated List

Neponset				
East Branch	MA73-05	5	*5*	"Escherichia coli" [6/21/2002-CN121.0] added based on new assessment. "DDT" added based on new DPH fish advisory.
Germany Brook	MA73-15	5	*5*	"Escherichia coli" [6/21/2002-CN121.0] added based on new assessment.
Glen Echo Pond	MA73022	3	*4c*	Added to Category 4c as impaired by "(Non-Native Aquatic Plants*)" based on new assessment.
Gulliver Creek	MA73-30	4a	*5*	"PCB in Fish Tissue" and "Other (contaminants in fish/shellfish)" added based on new assessment.
Hawes Brook	MA73-16	5	*5*	"Escherichia coli" [6/21/2002-CN121.0] added based on new assessment.
Jewells Pond	MA73026	3	*4c*	Added to Category 4c as impaired by "(Non-Native Aquatic Plants*)" based on new assessment.
Massapoag Brook	MA73-21	5	*5*	Now includes Manns Pond. "(Non-Native Aquatic Plants*)" and "Turbidity" added based on new assessment.
Mill Brook	MA73-08	5	*5*	"Oxygen, Dissolved" added based on new assessment.
Mother Brook	MA73-28	5	*5*	"Escherichia coli" [6/21/2002-CN121.0] added based on new assessment. "Mercury in Fish Tissue" and "DDT" added based on new DPH fish advisory.
Neponset River	MA73-01	5	*5*	Now includes Bird and Crackrock ponds. "Escherichia coli" added based on new assessment. "DDT" added based on new DPH fish advisory.
Neponset River	MA73-02	5	*5*	"Escherichia coli" [6/21/2002-CN121.0] added based on new assessment. "DDT" added based on new DPH fish advisory.
Neponset River	MA73-03	5	*5*	"Escherichia coli" [6/21/2002-CN121.0], "Enterococcus" [6/21/2002-CN121.0] and "Polychlorinated biphenyls" added based on new assessment. "DDT" added based on new DPH fish advisory.
Neponset River	MA73-04	5	*5*	"Enterococcus" [6/21/2002-CN121.0] added based on new assessment.
Pecunit Brook	MA73-25	2	*5*	"Escherichia coli" added based on new assessment.
Pettee Pond	MA73036	--	*4a*	New segment – "Mercury in Fish Tissue" added based on new assessment. Approved for coverage under NEHg TMDL Addendum.
Pine Tree Brook	MA73-29	5	*5*	Now includes Pope's Pond. "Aquatic Plants (Macrophytes)", "Turbidity" and "Escherichia coli" [6/21/2002-CN121.0] added based on new assessment.
Ponkapoag Pond	MA73043	4c	*4a*	"(Eurasian Water Milfoil*)" added based on new assessment. "Mercury in Fish Tissue" added based on new DPH fish advisory. Approved for coverage under NEHg TMDL.
Ponkapoag Brook	MA73-27	4a	*4a*	"Escherichia coli" [6/21/2002-CN121.0] added based on new assessment.
Purgatory Brook	MA73-24	4a	*4a*	"Escherichia coli" [6/21/2002-CN121.0] added based on new assessment.
Reservoir Pond	MA73048	4c	*4a*	"Mercury in Fish Tissue" added based on new DPH fish advisory. Approved for coverage under NEHg TMDL.
Unnamed Tributary	MA73-32	5	*5*	"Escherichia coli" added based on new assessment.
Unnamed Tributary	MA73-33	5	*5*	"Fecal Coliform" replaced by "Escherichia coli"
Unquity Brook	MA73-26	5	*5*	"Escherichia coli" [6/21/2002-CN121.0] added based on new assessment.
Parker				
Baldpate Pond	MA91001	5	*5*	"Oxygen, Dissolved" added based on new assessment.
Mill River	MA91-08	5	*5*	Now includes Lower and Upper Mill ponds. "Aquatic Plants (Macrophytes)", "(Non-Native Aquatic Plants*)", and "Excess Algal Growth" added based on new assessment.
Westfield				
Buckley Dunton Lake	MA32013	3	*4a*	"Mercury in Fish Tissue" added based on new DPH fish advisory. Approved for coverage under NEHg TMDL.
Windsor Lake	MA32076	5	*5*	"Mercury in Fish Tissue" added based on new DPH fish advisory. Approved for coverage under NEHg TMDL.

Appendix 2
Category 5 and 4c Impairments *added* to the 2012 Integrated List

Weymouth/Weir				
Accord Brook	MA74-16	3	*5*	Added to Category 5 as impaired by "Aquatic Macroinvertebrate Bioassessments" based on new assessment.
Accord Brook	MA74-17	3	*4c*	Added to Category 4c as impaired by "(Low flow alterations*)" based on new assessment.
Hingham Harbor	MA74-18	5	*5*	"PCB in Fish Tissue" and "Other (contaminants in fish/shellfish)" added based on new assessment.
Sunset Lake	MA74020	3	*4c*	Added to Category 4c as impaired by "(Eurasian Water Milfoil*)" based on new assessment
Town Brook	MA74-09	5	*5*	"(Other flow regime alterations*)" added based on new assessment.
Town River Bay	MA74-15	5	*5*	"PCB in Fish Tissue" and "Other (contaminants in fish/shellfish)" added based on new assessment.
Weir River	MA74-02	5	*5*	Includes Foundry Pond. "Nutrient/Eutrophication Biological Indicators" and "(Low flow alterations*)" added based on new assessment.
Weir River	MA74-11	5	*5*	"PCB in Fish Tissue" and "Other (contaminants in fish/shellfish)" added based on new assessment.
Weymouth Back River	MA74-13	5	*5*	"PCB in Fish Tissue" and "Other (contaminants in fish/shellfish)" added based on new assessment.
Weymouth Fore River	MA74-14	5	*5*	"PCB in Fish Tissue" and "Other (contaminants in fish/shellfish)" added based on new assessment.
Whitmans Pond	MA74025	5	*5*	"(Non-Native Aquatic Plants*)" added based on new assessment.

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Appendix 3
Pollutants *removed* from the 2012 303(d) List (Category 5)

Waterbody	Segment	Category		Notes
		2010	*2012*	
Blackstone				
Blackstone River	MA51-05	5	*5*	"pH, Low" removed based on new assessment.
Blackstone River	MA51-06	5	*5*	"Fecal Coliform", "Taste and Odor" and "Turbidity" removed based on new assessment.
Mumford River	MA51-14	5	*5*	"pH, Low", "Oxygen, Dissolved" and "Fecal Coliform" removed based on new assessment.
West River	MA51-11	5	*5*	"Fecal Coliform" and "Oxygen, Dissolved" removed based on new assessment.
Cape Cod				
Coonamessett River	MA96-69	4a	*3*	"Nitrogen (Total)" [7/18/2007-CN181.0] removed based on new assessment.
Crows Pond	MA96-47	4a	*2*	"Nitrogen (Total)" [10/24/2007-CN244.0] removed based on new assessment.
Great Pond	MA96-54	4a	*4a*	"Fecal Coliform" [8/28/2009-CN252.0] removed based on new assessment.
Little River	MA96-61	4a	*4a*	"Fecal Coliform" [8/28/2009-CN252.0] removed based on new assessment.
Mill Creek	MA96-41	4a	*4a*	"Nitrogen (Total)" [6/22/2009-CN206.1] removed based on new assessment.
Perch Pond	MA96-53	4a	*4a*	"Fecal Coliform" [8/28/2009-CN252.0] removed based on new assessment.
Popponesset Creek	MA96-39	4a	*5*	"Fecal Coliform" removed based on new assessment.
Sheep Pond	MA96289	5	*4a*	"Oxygen, Dissolved" removed based on new assessment.
Stage Harbor	MA96-11	4a	*4a*	"Nitrogen (Total)" [6/22/2009-CN206.1] removed based on new assessment.
Upper Mill Pond	MA96324	5	*2*	"Phosphorus (Total)", "Oxygen, Dissolved", "Excess Algal Growth" and "Turbidity" removed based on new assessment.
Wellfleet Harbor	MA96-34	4a	*2*	"Fecal Coliform" [8/28/2009-CN252.0] removed based on new assessment.
Charles				
Alder Brook	MA72-22	5	*5*	Nutrient TMDL approved - "Nutrient/Eutrophication Biological Indicators" removed
Beaver Brook	MA72-28	5	*5*	Nutrient TMDL approved - "Organic Enrichment (Sewage) Biological Indicators", "Phosphorus (Total)", "Oxygen, Dissolved", "Turbidity", "Excess Algal Growth" removed
Beaver Pond	MA72004	5	*4a*	"Mercury in Fish Tissue" approved for coverage under NEHg TMDL Addendum.
Cedar Swamp Pond	MA72016	5	*4a*	Nutrient TMDL approved - "Oxygen, Dissolved" removed. "Mercury in Fish Tissue" approved for coverage under NEHg TMDL Addendum.
Charles River	MA72-01	5	*4a*	Nutrient TMDL approved - "Oxygen, Dissolved" removed
Charles River	MA72-03	5	*5*	Nutrient TMDL approved - "Organic Enrichment (Sewage) Biological Indicators", "Phosphorus (Total)", "Dissolved oxygen saturation", "Excess Algal Growth" removed
Charles River	MA72-05	5	*5*	Nutrient TMDL approved - "Nutrient/Eutrophication Biological Indicators", "Phosphorus (Total)", "Oxygen, Dissolved", "Dissolved oxygen saturation", "Excess Algal Growth", "Turbidity" removed
Charles River	MA72-06	5	*5*	Nutrient TMDL approved - "Nutrient/Eutrophication Biological Indicators", "Phosphorus (Total)", "Excess Algal Growth" removed
Charles River	MA72-07	5	*5*	Nutrient TMDL approved - "Nutrient/Eutrophication Biological Indicators", "Phosphorus (Total)" removed
Charles River	MA72-33	5	*4a*	Nutrient TMDL approved - "Nutrient/Eutrophication Biological Indicators" removed
Cheese Cake Brook	MA72-29	5	*4a*	Nutrient TMDL approved - "Phosphorus (Total)", "Excess Algal Growth", "Dissolved oxygen saturation" removed
Factory Pond	MA72037	5	*4a*	Nutrient TMDL approved - "Aquatic Plants (Macrophytes)" removed

Appendix 3
Pollutants *removed* from the 2012 303(d) List (Category 5)

Franklin Reservoir Northeast	MA72095	5	*4a*	Nutrient TMDL approved - "Aquatic Plants (Macrophytes)", "Turbidity" removed
Franklin Reservoir Southwest	MA72032	5	*4a*	Nutrient TMDL approved - "Aquatic Plants (Macrophytes)", "Turbidity" removed
Fuller Brook	MA72-18	5	*5*	Nutrient TMDL approved - "Nutrient/Eutrophication Biological Indicators" removed
Hardys Pond	MA72045	5	*4a*	Nutrient TMDL approved - "Phosphorus (Total)", "Excess Algal Growth", "Turbidity" removed
Houghton Pond	MA72050	5	*4a*	Nutrient TMDL approved - "Excess Algal Growth", "Turbidity" removed
Linden Pond	MA72063	5	*4a*	Nutrient TMDL approved - "Aquatic Plants (Macrophytes)", "Turbidity" removed
Lymans Pond	MA72070	5	*4a*	Nutrient TMDL approved - "Aquatic Plants (Macrophytes)", "Turbidity" removed
Mirror Lake	MA72078	5	*4a*	Nutrient TMDL approved - "Nutrient/Eutrophication Biological Indicators", "Phosphorus (Total)", "Secchi disk transparency" removed
Lake Pearl	MA72092	5	*4a*	Nutrient TMDL approved - "Oxygen Dissolved" removed
Populatic Pond	MA72096	5	*5*	Nutrient TMDL approved - "Nutrient/Eutrophication Biological Indicators", "Oxygen, Dissolved", "Dissolved oxygen saturation", "Excess Algal Growth" removed
Rock Meadow Brook	MA72-21	5	*5*	TMDL approved - "Nutrient/Eutrophication Biological Indicators", "Oxygen, Dissolved", "Phosphorus (Total)", "Excess Algal Growth", "Aquatic Plants (Macrophytes)" removed
Rosemary Brook	MA72-25	5	*4a*	Nutrient TMDL approved - "Oxygen, Dissolved", "Phosphorus (Total)" removed
Sawmill Brook	MA72-23	5	*5*	Nutrient TMDL approved - "Organic enrichment (Sewage) Biological Indicators", "Oxygen, Dissolved", "Phosphorus (Total)" removed
South Meadow Brook	MA72-24	5	*4a*	Nutrient TMDL approved - "Turbidity", "Oxygen, Dissolved", "Phosphorus (Total)" removed
Stop River	MA72-09	5	*5*	Nutrient TMDL approved - "Oxygen, Dissolved", "Phosphorus (Total)" removed
Stop River	MA72-10	5	*5*	Nutrient TMDL approved - "Organic enrichment (Sewage) Biological Indicators", "Phosphorus (Total)" removed
Trout Brook	MA72-19	5	*5*	Nutrient TMDL approved - "Nutrient/Eutrophication Biological Indicators" removed
Uncas Pond	MA72122	5	*4a*	Nutrient TMDL approved - "Oxygen, Dissolved" removed
Lake Winthrop	MA72140	5	*5*	Nutrient TMDL approved - "Aquatic Plants (Macrophytes)" removed
Concord				
Ashland Reservoir	MA82003	5	*4a*	"Mercury in Fish Tissue" approved for coverage under NEHg TMDL Addendum.
Assabet River	MA82B-02	5	*5*	"Other (unspecified metals)" removed based on USGS, 2008 study
Assabet River	MA82B-04	5	*5*	"Other (unspecified metals)" removed based on USGS, 2008 study
Merrimack				
Bare Meadow Brook	MA84A-18	5	*5*	"Oxygen, Dissolved" removed based on new assessment.
Cobbler Brook	MA84A-22	5	*4c*	"Aquatic Macroinvertebrate Bioassessments" removed because previous listing in Category 5 was inconsistent with assessment methodology.
Deep Brook	MA84A-21	5	*5*	"Oxygen, Dissolved" removed based on new assessment.
Martins Pond Brook	MA84A-19	5	*2*	"Oxygen, Dissolved", "Turbidity" and "Sedimentation/Siltation" removed based on new assessment.
Powwow River	MA84A-25	5	*5*	"Total Suspended Solids (TSS)" and "Turbidity" removed based on new assessment.
Neponset				
Beaver Meadow Brook	MA73-20	5	*5*	"Fecal Coliform" [6/21/2002-CN121.0] removed based on new assessment
Mill Brook	MA73-12	4a	*2*	"Fecal Coliform" [6/21/2002-CN121.0] removed based on new assessment

Appendix 3
Pollutants *removed* from the 2012 303(d) List (Category 5)

Pequid Brook (7341325)	MA73-22	5	*5*	"Fecal Coliform" [6/21/2002-CN121.0] removed based on new assessment
Willet Pond	MA73062	4a	*4a*	Now includes MA73-13. "Fecal Coliform" [6/21/2002-CN121.0] removed based on new assessment.
Parker				
Parker River	MA91-01	5	*4c*	"Mercury in Fish Tissue" removed as DPH advisory pertains to Pentucket and Rock ponds only.
Taunton				
Assonet River	MA62-20	5	*4a*	Pathogen TMDL approved – "Fecal coliform" removed
Beaver Brook	MA62-09	5	*4a*	Pathogen TMDL approved – "Fecal coliform" removed
Broad Cove	MA62-50	5	*4a*	Pathogen TMDL approved – "Fecal coliform" removed
Matfield River	MA62-32	5	*5*	Pathogen TMDL approved – "Fecal coliform" removed
Meadow Brook	MA62-38	5	*4a*	Pathogen TMDL approved – "Fecal coliform" removed
Muddy Cove Brook	MA62-51	5	*4a*	Pathogen TMDL approved – "Fecal coliform" removed
Rumford River	MA62-39	5	*5*	Pathogen TMDL approved – "Fecal coliform" removed
Salisbury Brook	MA62-08	5	*5*	Pathogen TMDL approved – "Fecal coliform" removed
Salisbury Plain River	MA62-05	5	*5*	Pathogen TMDL approved – "Fecal coliform" removed
Salisbury Plain River	MA62-06	5	*5*	Pathogen TMDL approved – "Fecal coliform" removed
Segreganset River	MA62-55	5	*4a*	Pathogen TMDL approved – "Fecal coliform" removed
Shumatuscacant River	MA62-33	5	*5*	Pathogen TMDL approved – "Fecal coliform" removed
Taunton River	MA62-02	5	*4a*	Pathogen TMDL approved – "Fecal coliform" removed
Taunton River	MA62-03	5	*5*	Pathogen TMDL approved – "Fecal coliform" removed
Taunton River	MA62-04	5	*5*	Pathogen TMDL approved – "Fecal coliform" removed
Three Mile River	MA62-56	5	*4a*	Pathogen TMDL approved – "Fecal coliform" removed
Three Mile River	MA62-57	5	*4a*	Pathogen TMDL approved – "Fecal coliform" removed
Trout Brook	MA62-07	5	*5*	Pathogen TMDL approved – "Fecal coliform" removed
Wading River	MA62-47	5	*5*	Pathogen TMDL approved – "Fecal coliform" removed
Wading River	MA62-49	5	*4a*	Pathogen TMDL approved – "Fecal coliform" removed

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Appendix 4
Newly-listed impairments covered under addenda to previously approved TMDLs

Waterbody	Segment	2012 List Category	Proposed for TMDL Coverage	
			New Impairment Cause(s)	TMDL[1]
Blackstone				
Manchaug Pond	MA51091	5	"Mercury in Fish Tissue"	MassDEP CN 377.0
Cape Cod				
Bearse Pond	MA96012	4a	"Mercury in Fish Tissue"	MassDEP CN 377.0
Cockle Cove Creek	MA96-79	4a	"Fecal Coliform", "Enterococcus"	CN 252.5
Dock Creek	MA96-86	4a	"Fecal Coliform"	CN 252.5
East Harbor (Pilgrim Lake)	MA96-83	4a	"Fecal Coliform"	CN 252.5
Halls Creek	MA96-93	4a	"Fecal Coliform"	CN 252.5
Horseleach Pond	MA96144	4a	"Mercury in Fish Tissue"	MassDEP CN 377.0
Hyannis Inner Harbor	MA96-82	5	"Fecal Coliform"	CN 252.5
Lawrence Pond	MA96165	4a	"Mercury in Fish Tissue"	MassDEP CN 377.0
Little Pleasant Bay	MA96-78	4a	"Fecal Coliform"	CN 252.5
Little Pond	MA96-56	4a	"Fecal Coliform"	CN 252.5
Mill Creek	MA96-80	5	"Fecal Coliform"	CN 252.5
Mill Creek	MA96-85	4a	"Fecal Coliform"	CN 252.5
Old Harbor Creek	MA96-84	4a	"Fecal Coliform"	CN 252.5
Paw Wah Pond	MA96-72	4a	"Fecal Coliform"	CN 252.5
Pochet Neck	MA96-73	4a	"Fecal Coliform"	CN 252.5
The River	MA96-76	4a	"Fecal Coliform"	CN 252.5
Round Pond (East)	MA96260	4a	"Mercury in Fish Tissue"	MassDEP CN 377.0
Round Pond (West)	MA96261	4a	"Mercury in Fish Tissue"	MassDEP CN 377.0
Santuit River	MA96-92	4a	"Fecal Coliform"	CN 252.5
Snows Creek	MA96-81	4a	"Fecal Coliform"	CN 252.5
Spectacle Pond	MA96306	4a	"Mercury in Fish Tissue"	MassDEP CN 377.0
Spectacle Pond	MA96307	4a	"Mercury in Fish Tissue"	MassDEP CN 377.0
Springhill Creek	MA96-87	4a	"Fecal Coliform"	CN 252.5
Stewarts Creek	MA96-94	4a	"Fecal Coliform"	CN 252.5
Charles				
Beaver Pond[2]	MA72004	4a	"Mercury in Fish Tissue"	MassDEP CN 377.0
Cedar Swamp Pond[2]	MA72016	4a	"Mercury in Fish Tissue"	MassDEP CN 377.0
Concord				
Ashland Reservoir[2]	MA82003	4a	"Mercury in Fish Tissue"	MassDEP CN 377.0
Deerfield				
Ashfield Pond	MA33001	4a	"Mercury in Fish Tissue"	MassDEP CN 377.0
Millers				
Moores Pond	MA35048	4a	"Mercury in Fish Tissue"	MassDEP CN 377.0
Mount Hope Bay				
Sawdy Pond	MA61005	4a	"Mercury in Fish Tissue"	MassDEP CN 377.0
Nashua				
Lake Shirley	MA81122	5	"Mercury in Fish Tissue"	MassDEP CN 377.0
Neponset				
Pettee Pond	MA73036	4a	"Mercury in Fish Tissue"	MassDEP CN 377.0
Ponkapoag Pond	MA73043	4a	"Mercury in Fish Tissue"	MassDEP CN 377.0
Reservoir Pond	MA73048	4a	"Mercury in Fish Tissue"	MassDEP CN 377.0
Westfield				
Buckley Dunton Lake	MA32013	4a	"Mercury in Fish Tissue"	MassDEP CN 377.0
Windsor Pond	MA32076	5	"Mercury in Fish Tissue"	MassDEP CN 377.0

[1]EPA-approved TMDLs cited above:

(CN 252.5) *Addendum: Final Pathogen TMDL for the Cape Cod Watershed* – approved August 28, 2012
(MassDEP CN 377.0) *Northeast Regional Mercury Total Maximum Daily Load Addendum for Massachusetts* – approved September 20, 2012

[2] First listed for "Mercury in Fish Tissue" in 2010

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Appendix 5
Massachusetts Year 2012 Integrated List of Waters – Responses to public comments

This report summarizes and presents responses to the comments received on the *Proposed Massachusetts Year 2012 Integrated List of Waters* (2012 Integrated List) that was prepared by the Massachusetts Department of Environmental Protection (MassDEP) in fulfillment of reporting requirements of sections 305(b) (Summary of Water Quality Report) and 303(d) (List of Impaired Waters) of the Clean Water Act (CWA).

The integrated list format provides the current status of all previously assessed waters in a single multi-part list. Each waterbody or segment thereof is placed in one of the following five categories:

1) Impaired and not threatened for all designated uses;
2) Unimpaired for some uses and not assessed for others;
3) Insufficient information to make assessments for any uses;
4) Impaired or threatened for one or more uses, but not requiring the calculation of a Total Maximum Daily Load (TMDL); or
5) Impaired or threatened for one or more uses and requiring a TMDL.

Thus, the waters listed in Category 5 are the 303(d) List and, as such, are reviewed and approved by the U. S. Environmental Protection Agency (EPA). The remaining four categories are submitted in fulfillment of the requirements under § 305(b).

The *Proposed Massachusetts Year 2012 Integrated List of Waters* was placed on the MassDEP web site at http://www.mass.gov/dep/water/resources/tmdls.htm. Notice of its availability for public review and comment appeared in Vol. 77, Issue 10 of the Massachusetts Environmental Monitor (March 21, 2012) and was provided directly to over one hundred different watershed associations and other interested parties. Paper copies of the document were also available from the Division of Watershed Management's Watershed Planning Program Office in Worcester. The public comment period ended on April 30, 2012.

This document summarizes and provides responses to all comments received on the *Proposed Massachusetts Year 2012 Integrated List of Waters*. In most cases, the comments are reprinted here in their entirety; however, some of the longer comment letters were excerpted or paraphrased, and some comments were edited slightly to conform to the format adopted for this document. A final version of the *Massachusetts Year 2012 Integrated List of Waters*, incorporating the comments and responses presented here, will be prepared and submitted to the EPA for final approval of the 303(d) List (i.e., Category 5). The following table presents a list of those who submitted comments and the pages on which they appear in this document.

Appendix 5
***Massachusetts Year 2012 Integrated List of Waters* – Responses to public comments**

1*) Lake Singletary Watershed Association*

Comment: I would like to comment that on pages 91 and 243, Singletary Pond is listed as being impaired by Eurasian Watermilfoil. It is also impaired with Fanwort, Cabomba caroliniana. For the last several years, the Fanwort is a much more significant infestation than the Watermilfoil. Attached is the summary report from Aquatic Control Technology for 2011. The last page has a map of the lake with Fanwort distribution. Please let me know if you have any questions or need additional information.

Response: At the time of the preparation of the proposed 2012 Integrated List, MassDEP did not have a record of Fanwort in Singletary Pond, and the Massachusetts Department of Conservation and Recreation (MassDCR) did not include it in their database of non-native species infestations. Nonetheless, it is clear, from a review of the 2011 Annual Report prepared by Aquatic Control Technology, that Fanwort is present in this pond. Please be advised, however, that the existing stressor "Non-native Aquatic Plants" will be used to represent Fanwort (and other non-native species infestations) because the EPA database used to store impairments tracks only a few individual non-native species by name (e.g., Eurasian Water Milfoil) and includes all of the others under the generic impairment. It should also be noted that the CWA distinguishes between "pollutants" such as nutrients, metals, pesticides, solids and pathogens that all require TMDLs and "pollution" such as low flow, habitat alterations and non-native species infestations that do not require TMDLs. Waters impaired by "pollution" are restored by methods that vary considerably depending upon the nature of the impairment and, in some cases, may be outside the scope of the CWA.

2*) Massachusetts Water Resources Authority (MWRA)*

This comment letter, which was also copied to the Massachusetts Department of Public Health, began: "The Massachusetts Water Resources Authority ("MWRA") appreciates the opportunity to comment on the proposed Massachusetts Year 2012 Integrated List of Waters. As noted in the document, this year's list features changes based on the new water quality assessments for the Boston Harbor watershed (including the Mystic, Neponset and Weymouth/Weir). The water quality assessments referenced were all published in 2010 and appear to be based on data collected 2004-2008. Many of the data referenced were collected by MWRA".

Comment: MWRA's comments focus on Category 5 (waters needing a TMDL) impairments. Based on its monitoring data, MWRA believes that including Boston Harbor watershed water bodies in the list for PCBs and DDTs (except for lobster hepatopancreas) is not warranted. The additions this year of PCBs and DDTs in fish tissue these segments (**MA70-06, MA70-07, MA70-09 Hingham and Hull Bays; MA70-10 Winthrop Bay; MA71-04 Alewife Brook; MA74-13, Weymouth Back River; MA74-14 Weymouth Fore River**) are not supported by newer data.

EPA guidance considers that fish advisories *based on actual fish tissue data from the water body in question* are evidence of impairment. The Massachusetts Department of Public Health has issued fish consumption advisories for Boston Harbor for several decades, however no new fish tissue data results for PCBs or DDTs have been published for Boston Harbor either by DPH or DEP, and no data (other than MWRA's) are referenced in DEP's water quality assessments. In its 2004-2008 Boston Harbor Water Quality Assessment (page 31), DEP states that "recent studies conducted as part of the Boston Harbor monitoring program indicate that current tissue concentrations don't exceed FDA standards," and indeed, MWRA's monitoring data have found low levels of total PCBs (Table 1) and DDTs (Table 2) in its sentinel monitoring species (winter flounder, lobster, and blue mussels). The only fish tissue exceeding FDA action levels or MA DPH advisory levels is lobster hepatopancreas for PCBs; the other samples are orders of magnitude below these levels. These results are not surprising, given that the manufacture of PCBs was banned in 1979 and the use of DDT in the US was banned in 1972. Except for lobster

hepatopancreas, for DDT the results are even within EPA's most stringent limit for unrestricted consumption (more than 16 8-oz meals per month).

Given the low levels of these contaminants in monitored fish and shellfish except for lobster tomalley, and minimal benefit to be derived from writing a TMDL for chemicals banned for three to four decades, MWRA recommends that DEP and MA DPH re-evaluate the need for these contaminants to be listed as impairments requiring a TMDL in Boston Harbor. MWRA notes that in states where TMDLs for DDT have been written, the source is typically runoff from large agricultural areas where DDT was heavily used for pest control, leaving legacy contamination in the soil. This situation does not describe the Boston Harbor watershed.

Table 1. 2009 MWRA Total PCB data in fish and shellfish

Species – tissue type	Parameter	FDA Action Limit (ppb wet weight)	MA DPH Advisory Limit (ppb wet weight	Location	MWRA 2009 results (nanograms/gram wet weight = ppb)	
					Mean	Range
Winter flounder fillet	Total PCB	2,000	1,000	Deer Island Flats	33.4	31.8-34.8
				Nantasket Beach	25.8	23.1-30.5
				Outfall Site	27.5	11.5-37.2
				Cape Cod Bay	5.3	4.3-5.8
Lobster meat	Total PCB	2,000	1,000	Deer Island Flats	70.0	30.0-153.6
				Outfall Site	22.4	8.9-46.4
				Cape Cod Bay	6.9	5.2-9.1
Lobster hepatopancreas (tomalley)	Total PCB	2,000	1,000	Deer Island Flats	2,741	1,495-4,460
				Outfall Site	3,162	832-6,942
				Cape Cod Bay	517	426-600
Blue mussel	Total PCB	2,000	1,000	Deer Island Light	13.0	12.7-19.5
				Boston Inner Harbor	26.5	23.9-30.2
				Outfall Site	2.7	2.2-3.0
				Large Navigational Buoy (Mass Bay)	7.5	4.6-14.9

Table 2. 2009 MWRA Total DDTs data for fish and shellfish

Species – tissue type	Parameter	FDA Action Limit (ppb wet weight)	EPA unrestricted consumption limit (more than 16 8-oz. meals per month) ppb wet weight	Location	MWRA 2009 results (nanograms/gram wet weight = ppb)	
					Mean	Range
Winter flounder fillet	Total DDTs	5,000	8.6	Deer Island Flats	2.6	2.2-2.8
				Nantasket Beach	2.0	1.7-2.4
				Outfall Site	2.0	1.1-2.5
				Cape Cod Bay	0.9	0.7-1.2
Lobster meat	Total DDTs	5,000	8.6	Deer Island Flats	2.1	1.9-2.5
				Outfall Site	0.7	0.6-0.7
				Cape Cod Bay	0.8	0.6-1.0
Lobster hepatopancreas (tomalley)	Total DDTs	5,000	8.6	Deer Island Flats	113	88.4-142.3
				Outfall Site	68.4	57.0-82.6
				Cape Cod Bay	62.7	52.7-74.9
Blue mussel	Total DDTs	5,000	8.6	Deer Island Light	1.4	0.8-2.0
				Boston Inner Harbor	2.8	2.4-3.2
				Outfall Site	0.7	0.5-0.8
				Large Navigational Buoy (Mass Bay)	0.9	0.9-1.0

Response: MassDEP acknowledges that six of the seven segments (see below for discussion of segment MA71-04) highlighted in the above letter were specified as not supporting the *Fish Consumption Use* for the first time in the 2012 Integrated List, and that this was in response to the Massachusetts Department of Public Health's (DPH) clarification of its longstanding fish edibility advisories pertaining to Boston Harbor and adjacent waters. Following a DPH press release, dated June 3, 2009, entitled *"Massachusetts Department of Public Health reminds consumers of State's fish advisories",* and in anticipation of updating its water quality assessments for Boston Harbor and contributing watersheds, MassDEP requested that DPH provide further definition of the spatial extent of the waters covered by the Boston Harbor health advisories. Subsequent discussion between the two agencies revealed that several MassDEP assessment units, or waterbody segments, were included in the DPH advisories that had not been indicated as such in previous MassDEP assessment and listing cycles. Therefore, the additions of the stressors "PCBs" and/or "DDT" to several waters in the 2012 Integrated List were not based on new data and information, but were simply a housekeeping chore to correct for inadvertent omissions in past lists.

As indicated in MWRA's letter, for purposes of listing waters pursuant to Section 303(d) of the Clean Water Act (CWA), the EPA considers a fish-consumption advisory as evidence that the *Fish Consumption Use* is not supported when the advisory is based on actual fish tissue data and those data are collected from the specific waterbody in question. Therefore, waterbodies in Massachusetts, for which site-specific DPH fish edibility advisories are in force, are not supporting the *Fish Consumption Use*, irrespective of the availability of more recent data and information that suggest that an advisory may no longer be necessary. If, upon review of new data and information, the DPH were to cancel an advisory for a particular waterbody, the MasDEP would then consider the waterbody in support of the *Fish Consumption Use* and this would be reflected in future watershed assessments and integrated lists.

MassDEP concurs that "the Massachusetts Department of Public Health has issued fish consumption advisories for Boston Harbor for several decades, however no new fish tissue data results for PCBs or DDTs have been published for Boston Harbor either by DPH or DEP, and no data (other than MWRA's) are referenced in DEP's water quality assessments." MassDEP also agrees that, from a cursory review of the MWRA's data presented in their comment letter, contaminant levels in all species-tissue types, except lobster hepatopancreas, appear to be within applicable action limits. However, the authority to perform risk assessments and issue public health advisories rests with the DPH and any requests to re-evaluate those advisories should be directed to that agency.

In contrast to the segments that were simply corrected for inadvertent past omissions, the addition of the impairment "PCB in Fish Tissue" to segment MA71-04, Alewife Brook, was in response to a new fish edibility advisory that was issued by the DPH in October, 2011. This advisory was based on actual fish tissue data from samples collected by MassDEP in 2008.

3*) Nashua River Watershed Association (NRWA)*

Comment: James Brook; Segment MA81-20: NRWA agrees with James Brook being added to the Category 5 list for E. coli.

Response: No response needed.

Comment: Wekepeke Brook, Lancaster (flows into Bartlett Pond): Wekepeke Brook was added to the 2012 Category 5 list for E. coli. However, only the section from the outlet of Bartlett Pond to the confluence with the Nashua River was included (0.3 miles). NRWA collected E. coli samples from April through October in 2010 and 2011 from the brook as it flows out of Bartlett Pond. The geomean for the 2010 samples was 442 CFU/100 ml, and the geomean for the 2011 samples was 609 CFU/100 ml, both exceeding the secondary contact recreational standards. We believe the impairment should include Bartlett Pond south at least to Brockelman Road.

Response: In 2010, MassDEP added to the 303(d) List only the section of Wekepeke Brook from the outlet of Bartlett Pond to the confluence with the Nashua River because, with the NRWA's lone sampling station situated at the outlet of Bartlett Pond, there was no way to determine the upstream extent of the elevated bacteria levels. For example, were bacteria sources localized around Bartlett Pond, or were high bacteria counts emanating from sources upstream from the pond? And, if the sources were upstream from Bartlett Pond, were they along the primary feeder stream, Wekepeke Brook, or along the much smaller unnamed stream that crosses Brockelman Road before entering the pond? In any case, inferences pertaining to the water quality of the two streams feeding into Bartlett Pond could not be made from data collected at the outlet of the pond. However, after further consideration of the NRWA's data, the location of the sampling station and the size of Bartlett Pond, it seems reasonable to conclude that bacteria levels in all or portions of the pond exceed water quality standards. Thus, MassDEP will add Bartlett Pond to Category 5 of the 2012 Integrated List as impaired by *E. coli*.

Comment: Baker/Falulah Brooks, Fitchburg, Lunenburg: The response to comments for the 2010 Integrated Waters List stated *"Waterbodies, such as Falulah and Baker brooks, that have never been*

assessed by the MassDEP do not appear anywhere on the list because resources are unavailable to in put the entire inventory of surface waters in Massachusetts into the database where assessments are stored." NRWA believes Baker and Falulah Brooks are unique in the Nashua River watershed, as they are a major tributary to the North Nashua River and together have over 49% impervious cover. Major flooding, erosion and CSO issues impair Baker Brook (Falulah is the upper portion of the watershed; the name changes to Baker Brook as the brook's surroundings become more urbanized). NRWA urges that these brooks be added to the "No Uses Assessed" list and that DEP actively assess the brooks during the next round of Nashua River watershed assessments.

Response: Ideally, all waters would be included in the Integrated List and the omission of waterbodies has nothing to do with their size or perceived importance. Because of resource limitations, new waters are usually only added to the database as assessments are completed for those waters for the first time. Waters that do not appear in any category of the list are, by definition, Category 3 ("unassessed") waters and should be candidates for future assessment as resources permit. Nonetheless, since the NRWA, on more than one occasion, has expressed a particular interest in having Falulah and Baker brooks included in Massachusetts' integrated lists, these streams will be added to Category 3 of the final version of the 2012 Integrated List.

4*) MassAudubon*

MassAudubon's letter began: "On behalf of Mass Audubon, I submit the following comments on the draft Massachusetts Year 2012 Integrated List of Waters. This is an important document, as it lists the status of water bodies throughout the state in relation to the Massachusetts surface water quality standards, and identifies whether or not each water body meets the quality necessary to support designated uses. The scope of the report covers nearly 10,000 linear miles of perennial rivers, more than 3,000 lakes and ponds, 1,500 miles of coastline, and 600,000 acres of inland and coastal wetlands. The Department of Environmental Protection (DEP) has insufficient resources to assess all of these water resources, or to develop plans for addressing impairments. The list of waters where no assessment has been completed (Category 3) is extensive, and many others have been only partly assessed for some, not all, designated uses (Category 2). In addition, the list of waters in Category 5, where DEP needs to develop a Total Maximum Daily Load (TMDL), is also extensive. DEP has prioritized watersheds in eastern Massachusetts for development of bacteria TMDLs and along the coast for nutrient TMDLs in the next two years. Even so, much work will remain to complete assessments for all water bodies statewide for all impairments".

Comment: Forty years after the enactment of the federal Clean Water Act, the road ahead to achieving water quality standards remains long and difficult. Budgetary constraints at DEP and other environmental agencies are a continuing challenge. Nevertheless, a timetable should be established to complete the basic work of water quality assessments within the next few years. Groups such as watershed associations that have an approved Quality Assurance Project Plan (QAPP) can assist with this work, and we encourage DEP to continue to expand those partnerships.

Response: MassDEP acknowledges that "budgetary constraints at DEP and other environmental agencies are a continuing challenge" and that the MassDEP has not been able to keep pace with the rotating watershed schedule that it adopted for assessing Massachusetts' waters. Nonetheless, MassDEP is maximizing existing resources in an effort to be as efficient as possible, and is constantly seeking funding sources to hire more staff. Meanwhile, a *Consolidated Assessment and Listing Methodology (CALM) Guidance Document* is nearing completion that clearly describes the watershed assessment process and the kinds of data and information that are needed to assess the various water uses designated in the Massachusetts Surface Water Quality Standards (SWQS). It is hoped that this document will make the entire process more transparent and provide guidance to outside parties seeking to have their data included in the assessments. In preparation for assessing each watershed as it comes along in the schedule, MassDEP is required by the regulation governing CWA Section 303(d) to "assemble and evaluate all existing and readily available water quality related data and information to

develop the list". To that end, MassDEP reviews data from other state and federal agencies, as well as watershed associations and other non-governmental organizations. If those data meet established requirements for collecting and submitting valid, scientific data, they are used in the assessment process.

Comment: We urge DEP to enhance its water resource improvement programs, particularly through voluntary cooperation with nonprofit watershed and environmental groups, businesses, and municipalities, and through further integration and coordination of state environmental programs such as those related to water supply, stormwater management, and aquatic restoration. In particular, we request that the final Integrated List specifically describe the Sustainable Water Management Initiative (SWMI) and pending regulatory improvements to the Water Management Act (WMA) program.

Response: MassDEP's web site pertaining to the Massachusetts' Sustainable Water Management Initiative (SWMI) can be found at: http://www.mass.gov/dep/water/resources/swmi.htm. A brief description of this initiative will be added to the Final 2012 Integrated List document.

Comment: The report acknowledges that clean water has extensive economic benefits, and that the costs of assessing and cleaning up water are good investments. It outlines several important state programs regulating use of and impacts to Massachusetts wetlands and water resources, which contribute to protection and restoration of those resources. Mass Audubon supports funding and efficient and effective administration of these programs, to protect wetlands and curtail pollution from point and nonpoint sources. Stormwater is a major contributor to water pollution. We urge DEP to strengthen regulations and incentives for improving stormwater management, particularly for retrofitting with Low Impact Development techniques to reduce pollution from existing impervious surfaces and to restore infiltration capacity. We also support other restoration programs such as removal of obsolete dams, improvement of constricted flows at stream crossings and at tidal restrictions along the coast, and efforts to assist communities and landowners with reducing nutrient flows.

Response: A brief overview of MassDEP's stormwater management program is presented in the narrative portion of the 2012 Integrated List and more detailed information is available at MassDEP's website (see http://www.mass.gov/dep/water/wastewater/stormwat.htm.) The improved control of stormwater runoff currently is being accomplished through a number of regulatory initiatives at the state and federal level. Many point-source stormwater discharges are regulated under the NPDES Phase I and Phase II permitting programs. With the goal of improving water resources protection, the Phase II NPDES permits require the implementation of best management practices (BMP), which are designed to increase recharge and/or decrease pollutant loads. Municipalities that operate regulated municipal separate storm sewer systems (MS4s) must develop and implement a storm water management plan (SWMP).

Comment: The draft report includes a description of the WMA program. Under the WMA, DEP regulates water withdrawals in excess of 100,000 gallons per day. The Integrated List identifies many water bodies where flow alteration is a factor in impairment. However, the report fails to mention SWMI, which the state has been undertaking for the past two and a half years to improve the allocation of water through the WMA. The final report should include a brief description of SWMI and should include a commitment from DEP to reduce the contribution of flow alterations to water quality impairments statewide. The Water Indicators report, which addressed a number of factors affecting water budget including dam density and imperviousness, should also be considered in the Integrated List. There also should be an explicit acknowledgement of the Fish and Flow study recently released by the USGS and Massachusetts Department of Fish and Game, recognizing that approximately 20% of stream segments are flow impaired (Flow Levels 4 and 5). The results of that study should be considered in the final Integrated Waters report, in terms of designating river segments that are impaired due to flow alteration.

Response: As indicated above, a brief description of Massachusetts' SWMI will be added to the Final 2012 Integrated List document. As a participating member of SWMI, MassDEP's Bureau of Resource Protection (BRP) is working with the Executive Office of Energy and Environmental Affairs (EEA) and its member agencies, along with numerous outside stakeholder groups, to improve water resources protection, and, at the same time, ensure adequate public water supply. Water conservation measures

are now included in Water Management Act (WMA) Permits that reflect the State Water Conservation Standards adopted in July, 2006. For example, the requirements that systems meet an annual value of 65 residential gallons per person per day, 10% or less unaccounted-for water loss, and require seasonal reductions in nonessential uses are some of the most stringent in this part of the country. Finally, elements of the USGS and MDFG investigations may be incorporated into future revisions of MassDEP's CALM Document and will be reviewed as part of the overall information gathering process that informs each watershed assessment.

5) *The Buzzards Bay Coalition*

The Bay Coalition began its comment letter: "Please accept the following as the Buzzards Bay Coalition's ("Bay Coalition's") request to include the following water bodies as Category 5 waters on the Department of Environmental Protection's ("DEP's") proposed Massachusetts Year 2012 Integrated List of Waters. The Bay Coalition is a non-profit membership organization dedicated to the restoration, protection, and sustainable use and enjoyment of Buzzards Bay and its watershed. We represent more than 8,400 individuals, families, organizations and businesses in southeastern Massachusetts who are committed to maintaining the health and ecological vitality of the Bay.

Pursuant to §303(d) of the Clean Water Act, each state shall identify those waters within its boundaries for which the effluent limitations are not stringent enough to maintain water quality standards applicable to such waters. 33 USC §1313(d)(1)(A). Furthermore, Federal regulations dictate that in promulgating the 303(d) list the state shall assemble and evaluate all existing and readily available water quality-related data and information. Such information includes, but is not limited to, waters for which water quality problems have been reported by local, state, or federal agencies; members of the public; or academic institutions. These organizations and groups should be actively solicited for research they may be conducting or reporting. 40 CFR 130.7(b)(5)(iii). As a membership supported organization, it is pursuant to this legal framework that the Bay Coalition submits this report and request.

The Bay Coalition's 303(d) submittal substantially conforms to the DEP Data Submittal Guidelines in the Monitoring Method Guidance document CN 0.71 (September, 2004) as well as the Recommended Content of Data Report Submittals Monitoring Method Guidance CN 0.74 (November, 2006). The Bay Coalition notes that the DEP Data Submittal Guidelines are recommended guidelines and are intended to serve as guidance in order to help evaluate the accuracy, precision and representativeness of the data and are not intended to serve as regulations or requirements. Therefore, the Bay Coalition expects that if DEP finds additional information necessary, they will present the Bay Coalition with an opportunity to comply."

Along with their comment letter, the Bay Coalition submitted a description of the Baywatchers Monitoring Program and supplemental information for each water body proposed for listing on Massachusetts' 303(d) list. This included site maps depicting sampling locations and graphs summarizing water quality data. A copy of the Quality Assurance Project Plan and SOPs for the calibration and use of multiprobe sondes were also submitted.

Comment: Based on the Bay Coalition's water quality monitoring data, which meets the DEP's and EPA's reliability requirements as discussed above and detailed below, the Bay Coalition requests that the following waters, classified as SA waters pursuant to 314 CMR 4.00, be added to the Commonwealth of Massachusetts' 303(d) list of Category 5 waters requiring a TMDL for nutrients.

Water Segment	Municipality
Herring Brook	Falmouth
Rands Harbor	Falmouth
Fiddlers Cove	Falmouth
Pocasset Harbor, Inner	Bourne
Little Buttermilk Bay	Bourne, Wareham

Appendix 5
***Massachusetts Year 2012 Integrated List of Waters* – Responses to public comments**

Butler Cove Wareham

The Massachusetts Surface Water Quality Standards for Class SA waters identify these waters as excellent habitat for fish, other aquatic life and wildlife and for primary and secondary contact recreation. The standards also clearly state that these waters shall have excellent aesthetic value (314 CMR 4.05(4)(a)), have dissolved oxygen levels not below 6.0mg/l (314 CMR 4.05(4)(a)(1)(a)) requiring that natural seasonal and daily variations above this level be maintained (314 CMR 4.05(4)(a)(1)(b)).

Response: One of these water bodies, **Pocasset Harbor** (MA95-17), is already listed in Category 5 of the Proposed 2012 Integrated List with "Fecal Coliform" (covered by a TMDL) and "Estuarine Bioassessment" listed as impairment causes. This latter cause refers to the loss of eel grass beds and serves to identify the need for a TMDL to control nitrogen loadings to this embayment.

Considering the remaining waters requested for listing, the DWM reviewed BBC's submittal along with applicable GIS eelgrass datalayers, the Massachusetts Estuaries Project "Site-specific Nitrogen Thresholds Document" prepared by SMAST and MassDEP, and applicable Massachusetts Estuaries Project technical reports. From this review, the DWM concurs that four of these waters – **Fiddlers Cove, Rands Harbor, Butler Cove** and **Little Buttermilk Bay** - should be added to the 2012 303(d) List with either "Estuarine Bioassessment", where eel grass loss has been documented, or "Nutrient/Eutrophication Biological Indicators" specified as the cause of impairment. Because there is no numerical criterion for nitrogen in the Massachusetts Surface Water Quality Standards, the DWM relies, for assessment and listing purposes, on a number of indicators that represent responses to excessive nutrient enrichment. Such nutrient-related indicators as dissolved oxygen depletion and supersaturation, elevated chlorophyll concentration and algae blooms are all encompassed in the cause code "Nutrient/Eutrophication Biological Indicators", which, when included on the 303(d) List, requires that a TMDL for nutrients be developed.

In the case of **Herring Brook**, Falmouth, the MassDEP sent a letter to the BBC, dated November 6, 2012, requesting validated "raw" data, associated QA data and metadata (sampling times, sample depths, etc.) pertaining to both Herring Brook and the Sippican River (see next comment). The BBC responded by submitting additional data and information on December 3, 2012. Following a review of this submittal, the MassDEP made a final request, on January 11, 2013, for instrument calibration records, field duplicate QC data and volunteer monitor training records, and these were received from the BBC on February 4, 2013. All of the materials submitted by the BBC were subjected to a detailed External Data Review by MassDEP/DWM QA/QC staff and recommendations were made pertaining to the usability of data and information for assessing and listing waters under sections 305(b) and 303(d) of the Clean Water Act. For example, the use of dissolved oxygen (DO) data from DO kits was not recommended, whereas validated data from properly calibrated probes were considered acceptable. In addition, water quality data (e.g., nutrients, chlorophyll, etc.) were recommended for use if they were supported by adequate field duplicates and met stated data quality objectives. From this review, the MassDEP concluded that enough credible information existed to support the addition of Herring Brook to Category 5 (i.e., the 303d List) of the Final 2012 Integrated List as impaired by "Nitrogen (Total)" and "Chlorophyll-a".

Comment: The Bay Coalition also requests that the Sippican River, be added to the Commonwealth of Massachusetts' 303(d) list of Category 5 waters requiring a TMDL. The Bay Coalition's water quality monitoring data, together with separate assessment by the Commonwealth of Massachusetts, provide ample data to support its listing. The Sippican River from its source to County Road is designated as a Class B warm water, high quality water segment. 314 CMR 4.00, Table 30. The Massachusetts Surface Water Quality Standards for Class B waters identify these waters as habitat for fish, other aquatic life and wildlife and for primary and secondary contact recreation. 314 CMR 4.05(3)(b). Furthermore, the standards also clearly state that these waters shall have consistently good aesthetic value and dissolved oxygen levels not below 5.0mg/l in warm water fisheries. In addition to state habitat assessment on the River and United States Environmental Protection Agency nutrient criteria, this report presents dissolved oxygen data collected by the Buzzards Bay Coalition and Massachusetts Division of Marine Fisheries which clearly demonstrate that the water segment fails to meet numeric criteria pursuant to the

Massachusetts Surface Water Quality Standards, requiring listing on the Commonwealth of Massachusetts' 303(d) list of Category 5...The Bay Coalition requests that DEP include the Sippican River as a Category 5 impaired water due to low dissolved oxygen and other habitat alterations…Taken together, it is clear that the Sippican River is suffering from accelerated eutrophication and habitat alteration and must be listed on the Commonwealth of Massachusetts' 303(d) list as a Category 5 water segment.

Response: Following review of the BBC's original comment, the MassDEP agreed that compelling evidence may have existed to place the Sippican River in Category 5 as the BBC requested. However, as in the case of Herring Brook (above), additional information was needed before doing so. Data and clarifying information pertaining to the Sippican River were requested in MassDEP's letter of November 6, 2012 described in the response to the previous comment. Again, the MassDEP/DWM QA/QC staff thoroughly reviewed all of the material submitted by the BBC and made recommendations pertaining to the usability of the data and information for assessing and listing waters. Based on a final review of the appropriate data and supplemental documentation, the MassDEP concluded that the Sippican River should be included on the 2012 303(d) List with "Fish-passage Barrier", "Chlorophyll-a" and "Oxygen, Dissolved" as the causes of impairment. While "Fish-passage Barrier" is not a 303(d) impairment necessitating the development of a TMDL, the latter two stressors will highlight the need for a TMDL to control nutrient loadings to this watershed.

6) *Connecticut River Watershed Council (CRWC)*

"I am submitting comments on the proposed Massachusetts Year 2012 Integrated List of Waters on behalf of the Connecticut River Watershed Council (CRWC). CRWC is the principal nonprofit environmental advocate for protection, restoration, and sustainable use of the Connecticut River and its watershed. The Connecticut River and its tributaries (including the Deerfield, Millers, Chicopee, Farmington, and Westfield River basins) take up approximately one-third of the land area of Massachusetts".

Comment: The 2012 Integrated List does not contain much new for what we will call the "greater Connecticut River watershed," consisting of the Connecticut River mainstem, Chicopee River, Deerfield River, Farmington River, Millers River, and Westfield River basins. Therefore, our focus turned on the amount of listed impairments vs. the pace of preparing Total Maximum Daily Loads (TMDLs) for these impairments. Below is our summary of the top eight impairments for Category 5 impaired river segments that do not yet have a TMDL. As you can see, the number of river miles that are impaired for bacteria contamination, as well as total suspended solids/turbidity are quite high.

Top 8 impairments for Category 5 Impaired Waters in the Greater Connecticut River Watershed, as listed in the proposed 2012 Integrated List (units are in river miles).

Basin	E. coli/ Fecal coliform	PCBs in fish	TSS/ turbidity	Aquatic plants/ Eutrophication/ Excess algal growth	TP	Macro-invertebrate assessment	DO	Taste & Odor
Chicopee	55.9	0	1.5	0	0	1.3	19.7	1.3
Connecticut	117.4	68.6	36.5	1.1	7.6	0	4.9	0
Deerfield	27.8	0	0	0	0	0	0	0
Farmington	0	0	0	0	0	0	0	0
Millers	30.7	95.4	9.9	9.9	25.3	9.9	0	5.5
Westfield	27.4	0	35.4	27.3	0	17.8	0	17.8
Total river miles impaired	**259.2**	**164**	**83.3**	**38.3**	**32.9**	**29**	**24.6**	**24.6**

We looked with interest at the proposed TMDL schedule for FY2012-13 shown on pages 22 and 23 of the proposed 2012 Integrated List. We are disappointed to see **no TMDLs for the greater Connecticut**

River watershed listed. Only nitrogen loadings for Long Island Sound makes it onto a separate TMDL-related project list as getting high priority.

In reviewing what has been accomplished thus far, we see that on pages 16 and 17, all completed and approved TMDLs are listed. Other than the northeast regional mercury TMDL, which covered many water bodies across the state, the following table lists completed TMDLs for the greater CT watershed.

TMDLs completed in greater Connecticut River watershed	**Approval Date**
Total Maximum Daily Loads of Phosphorus for Selected Connecticut Basin Lakes *(CN 112.0)*	April 12, 2002
Total Maximum Daily Loads of Phosphorus for Selected Chicopee Basin Lakes *(CN 118.0)*	April 12, 2002
Total Maximum Daily Loads of Phosphorus for Selected Millers Basin Lakes *(CN 123.2)*	February 5, 2003

In sum, no new TMDLs for water bodies in the greater Connecticut River have been completed in 9 years. ***No impaired river segment in the greater Connecticut River watershed has ever had a TMDL completed.*** We reviewed MassDEP's TMDL priority document from 1998, which is still on its website today. This laid out a timeline for completing all TMDLs across the state. This document said,

> "The State of Massachusetts is committed to developing TMDLs for all impaired water bodies where TMDLs are needed **by the year 2012** (emphasis ours). To achieve this goal, the Department must effectively allocate resources and rely on all watershed stakeholders to work in partnership. As previously noted, public input and feedback on setting priorities within each watershed as well as on proposed strategies and implementation measures to address water quality impairments is a central component of the State's approach to meeting its commitments of the Clean Water Act over the next decade. Given this, the Department is proposing to utilize the watershed teams to the maximum extent feasible during the 5 year watershed cycle to help prioritize listed waters for TMDL development. Prioritization will be based upon the relative importance of each water body within the watershed, the constituent of concern causing impairment, and the degree to which analytical methods are defined, accepted, and available to achieve problem resolution."

Originally, DEP set out with an ambitious plan to complete all TMDLs by this year. We certainly understand that DEP's funding has been significantly reduced since then, which no doubt has had an effect on getting numerous things done across the disciplines. What we don't understand is how watersheds taking up one-third of the state would be de-prioritized to such an extent that not a single river mile would have a TMDL prepared at the end of the14-year management period. Not only has there been no public input on prioritization within watersheds, but there has been no public input on prioritization of watersheds. We think this is most unfortunate.

We respectfully request that DEP review its prioritization of TMDLs and look towards covering a wider area of the state. We are waiting for the day when our rivers will be fishable and swimmable out here. Thank you for the opportunity to comment on the proposed Massachusetts Year 2012 Integrated List of Waters.

Response: MassDEP acknowledges that the rate at which TMDLs are being completed for impaired waters in the Connecticut River Watershed, as well as throughout Massachusetts, is unsatisfactory. Unfortunately, neither the states, nor the EPA, have sufficient resources to complete TMDLs in accordance with proposed timelines for the large number of impaired waters that exist nation-wide, and

Massachusetts is no exception. As part of the TMDL program evaluation conducted by the MADEP back in 2001, CH2M Hill prepared a detailed workload model that estimated the amount of funding and personnel resources that would be needed to complete a specified number of TMDLs at varying levels of effort. This model, utilizing input from the Final 2002 Integrated List, estimated needed expenditures of over $10,000,000 over the next eighteen years and predicted that approximately 55 new staff would have to be added to the existing MADEP TMDL staff to complete all of the TMDLs for waters in Category 5 (i.e., the 303(d) List). Regrettably, MassDEP's water management programs have been hit hard by the economic downturn and state budget crisis in recent years. Not only has MassDEP been unable to add new staff, but personnel have actually been lost through layoffs and retirement. Nonetheless, Massachusetts has expended substantial monetary and personnel resources over the past several years in an effort to complete as many TMDLs as possible and is committed to maintaining this effort in the years to come.

While the process of deriving and implementing TMDLs is an important mechanism for restoring impaired waters, it is by no means the only tool available for managing water quality. MassDEP coordinates or participates in a number of efforts aimed at ameliorating water pollution and bringing waters back into compliance with water quality standards. In fact, all of the various water quality management program elements described in the Proposed 2012 Integrated List document are continually carried out throughout the "greater Connecticut Watershed", as well as state-wide, and these measures are all expected to result in water quality improvements. Several examples follow.

Most of the top impairments identified in the table above are related to either bacterial contamination or nutrient enrichment, and MassDEP is working on a number of initiatives aimed at reducing the loadings of these pollutants to surface waters. For example, approximately 145 wastewater treatment facilities throughout Massachusetts are governed by NPDES permits that specify effluent limits or require monitoring for phosphorus, nitrogen or both. Almost one-third of these facilities are located in the "greater Connecticut Watershed." In addition, many Municipal Separate Storm Sewer Systems (MS4s) in these same watersheds are regulated by stormwater permits that require the development and implementation of stormwater management programs (SWMP) to reduce the contamination of stormwater runoff and prohibit illicit discharges. Finally, nine communities along the Connecticut River and its tributaries are the focus of a massive long-term combined sewer overflow (CSO) control program. Five former CSO communities have eliminated all of their discharges, and over the past decade, the cumulative volume of untreated CSO discharge from all nine communities has been reduced by approximately one billion gallons per year. While figures are not available for all pollutants, this translates to an estimated 62,550 pounds/year of nitrogen removed. Additional projects to eliminate or reduce CSO discharge are under construction or design for the four remaining CSO communities.

The management and remediation of non-point sources of pollution is accomplished through the implementation of best management practices (BMPs) and responsible landuse. The CWA Section 319 addresses the identification and management of non-point sources of pollution and provides grant monies for the implementation of BMPs and public education programs. Many other agencies, as well as non-governmental organizations (NGOs), such as private institutions, watershed associations and citizen environmental advocacy groups, commit time and financial support to educating the public and promoting behaviors that will lead to cleaner waters in Massachusetts. Since its inception in 1990, the 319 NPS program has allocated a total of $5.77 million (grants and matching funds) to 28 individual projects in the "greater Connecticut Watershed." The seven most recent projects funded in these watersheds are described in a MassDEP report entitled *Section 319 Nonpoint Source Program Indicative Project Summaries FFY 2006 – 2010* accessed online at http://www.mass.gov/dep/water/grants.htm#sums.

Massachusetts also coordinates with the Natural Resource Conservation Service (NRCS) to provide implementation incentives through the Federal Farm Bill. As a result of this effort, NRCS now prioritizes MassDEP's list of impaired waters as one criterion for selecting projects to be funded through its Environmental Quality Incentive Program (EQIP). Over the past several years, EQIP funds have been used throughout the Commonwealth to address water quality goals through the application of structural and non-structural agricultural BMPs. Included were hundreds of projects located in the Deerfield, lower

Westfield and main stem Connecticut watersheds focused primarily on the implementation of sound crop and grazing management practices designed to control erosion and prevent runoff.

In summary, several measures aimed at correcting water quality impairments have been, and continue to be, focused on the waters in the "greater Connecticut Watershed" despite the low number of actual approved TMDLs for those waters. And, while it is true that the major TMDL-related effort underway in the Connecticut River Watershed is focused on reducing nitrogen loadings to Long Island Sound, many control measures that are designed to reduce those loadings will likely result in concomitant reductions of other pollutants, such as suspended solids and phosphorus. Therefore, the implementation of these control measures in Massachusetts, New Hampshire and Vermont, is expected to benefit local waters in addition to Long Island Sound.

7) *Charles River Watershed Association (CRWA)*

The CRWA wrote: "The Charles River Watershed Association (CRWA) has reviewed MassDEP's Proposed Year 2012 Integrated List of Waters (draft List) for the Charles River watershed and submits the following comments.

The draft List highlights the enormous challenges MassDEP faces to complete waterbody assessments and TMDLs. Statewide, there are hundreds of ponds, lakes and streams that have not been assessed. In the Charles River watershed alone, there are over 99 pollutant and pollution impairments which are not currently being addressed through a TMDL. The existing TMDL development process is extremely resource intensive, making TMDL development even more challenging in the current economic environment. We urge MassDEP to enhance the resources available to its TMDL program, and to seek cost-effective partnerships and programs to enable a faster pace of waterbody assessments and TMDL development".

[Note: CRWA included data tables with their comment letter that, to save space, are not reproduced here.]

Comment: CRWA appreciates that MassDEP endeavors to make the assessment and listing process transparent to the general public. To further this effort, CRWA suggests that MassDEP include a basic description of each impairment type (pollutants and pollution) in the narrative portion of the list to facilitate review and comment on the list. In the present format it is not clear exactly what each impairment category refers to and how impairment is quantified in each category.

Response: MassDEP currently uses the EPA-designed "Assessment Database" (ADB) for tracking water quality assessment data, including use attainment, and causes and sources of impairment. The ADB was designed to improve the quality and consistency of water quality reporting, improve water quality data analysis, and reduce the burden of preparing reports under sections 305(b), 303(d), 314 and 319 of the Clean Water Act. One of the many enhancements offered by the ADB is the availability of over 500 different impairment "causes" that can be specified as contributing to the non-attainment of designated uses. (For lists and descriptions of ADB causes and sources, go to http://www.epa.gov/waters/adb/ and click on "Reference".) While MassDEP has attempted to reduce the number of impairments to a manageable number - by focusing on those that match most closely the kinds of data and information that are typically available for Massachusetts' waters - even this number precludes listing and defining each one in the narrative portion of the list document. It is hoped that, in most cases, further information pertaining to the causes of impairment of individual waters can be gleaned from both recent, and past, watershed assessment reports found online at http://www.mass.gov/dep/water/resources/wqassess.htm. Furthermore, most of the impairment causes typically used by MassDEP are listed in the Appendix of the newly published (July, 2012) report entitled *Massachusetts Consolidated Assessment and Listing Methodology (CALM) Guidance Manual.* This manual, designed to be a companion document to the *Massachusetts Year 2012 Integrated List of Waters,* presents the most comprehensive description, prepared to date, of Massachusetts' methods for assessing the quality of data to be used for CWA

reporting, the methods of reviewing data and information used to make use assessment decisions, and the use of the EPA's Assessment Database (ADB) for consolidated reporting. The CALM document can be found online at http://www.mass.gov/dep/water/resources/wqassess.htm and reference to this document will be made in the Final 2012 Integrated List report.

Comment: Additionally, the process by which data is solicited, obtained and reviewed should be discussed in more detail in the narrative section of the list publication. CRWA conducts extensive water quality monitoring along the Charles River through our volunteer monthly water quality monitoring program. This data is collected under a QAPP and all data, except temperature and depth measurements, are considered critical data and have been since CRWA switched from a bucket sample to a basket sampler device in 2009. The 2010 Annual Water Quality Report for this program is included as an attachment to this report. The 2011 report is currently being finalized; CRWA will send this report to MassDEP when it is complete. CRWA also monitors the river weekly or bi-weekly for *E. coli* concentrations and temperature during the intensive recreational boating season from the 4th of July to the Head of the Charles Regatta in October. A map of CRWA's sampling sites is enclosed. CRWA would like to work with MassDEP to ensure that this data is incorporated into the biennial updates of the *Integrated List of Waters.* Furthermore, data may exist at the municipal level for many of the waterbody segments listed as Category 3 – No uses assessed.

Response: MassDEP follows a five-year rotating watershed monitoring and assessment schedule that does not allow for new assessments to be completed for every watershed in each two-year listing cycle. As such, the last assessment of the Charles Watershed was completed for the 2008 Integrated List. Nonethelesss, in preparation for assessing each watershed as it comes along in the schedule, MassDEP is required by the regulation governing CWA Section 303(d) to "assemble and evaluate all existing and readily available water quality related data and information to develop the list". To that end, MassDEP reviews data from other state and federal agencies as well as non-governmental organizations if they meet specified criteria for collecting and submitting valid, scientific data. These criteria are briefly described in the narrative section of the list publication and in more detail in the recently published *Massachusetts Consolidated Assessment and Listing Methodology (CALM) Guidance Manual.* Examination of MassDEP's most recent Charles River Watershed assessment documents, published in 2000 and 2008, will reveal that CRWA data have factored prominently in those assessments, and will continue to do so in future assessments for as long as the CRWA continues to provide valid scientific monitoring data and information.

Comment: We believe the Integrated List of Waters should include more discussion of flow and biological integrity, and in particular should reference the Sustainable Water Management Initiative (SWMI). On February 3, 2012, the state issued the Draft Sustainable Water Management Initiative Framework Summary (Framework) proposing five categories of existing conditions in sub-basins based on their Biological Category and Flow Level. This approach, developed by the interagency workgroup (EOEEA, DFG, DCR, and DEP), was informed by the results of the USGS report, *Factors Influencing Riverine Fish Assemblages in Massachusetts* (Armstrong et al., 2011), and endorsed by the SWMI Technical Subcommittee. It uses fluvial fish communities (relative abundance of fluvial fish) as a surrogate for aquatic habitat integrity. "The result is a series of categories with breaks that correspond to the decline in fluvial (*i.e*., river) fish relative abundance with changes in flow and/or impervious surface . . ."

Pursuant to the Framework, Flow (Altered) Levels 1-3 contain relatively healthy fluvial fish populations. However, a 25% alteration of the August median flow corresponded to a shift in Biological Category (BC) from 3 to BC 4; and a 55% alteration of August median flow resulted in a shift from BC 4 to BC 5. Segments classified as BC 4 and 5, which lack biological integrity as that term is defined in 314 CMR 4.02, clearly do not meet MA Water Quality Standards for Class B waters under 314 CMR 4.05 and should be listed as flow impaired on the 303(d) list. Charles River segments and tributaries meeting this classification are discussed below.

Response: As a participating member of the Sustainable Water Management Initiative (SWMI), MassDEP's Bureau of Resource Protection (BRP) is working with the Executive Office of Energy and

Environmental Affairs (EEA) and its member agencies, along with numerous outside stakeholder groups, to improve water resources protection, and, at the same time, ensure adequate public water supply. A brief description of the SWMI will be added to the Final 2012 Integrated List document. It should be noted, however, that the Draft Sustainable Water Management Initiative Framework Summary was not published until one month after the release of the Proposed 2012 Integrated List of Waters and long after the completion of the watershed assessments represented in the 2012 List. Therefore, MassDEP has yet to evaluate the results of the USGS studies, or the SWMI framework within the context of Massachusetts' Water Quality Standards and reporting under the Clean Water Act. Nonetheless, these documents will be reviewed and, if applicable, incorporated into future revisions of MassDEP's *Consolidated Assessment and Listing Methodology (CALM),* thus informing upcoming watershed assessments. Irrespective of how flow impairments are determined in the future, however, they will continue to be listed in Category 4c of the Integrated List, and not the 303(d) List of waters requiring TMDLs (Category 5).

Segment and Pollutant Specific Comments

Comment: *Enterococcus* – The mainstem of the Charles should be assessed for this pollutant. CRWA collects enterococcus samples quarterly in March, June, September and December at sites located along the mainstem of the Charles as part of our volunteer monthly monitoring program. When geometric means are calculated for results from the most recent 5 years of sampling, 5 sites have geometric means above 33 cfu/100 mL. For the geometric mean of the six most recent samples, 1 site, the Washington St. Hunnewell Bridge in Newton Lower Falls has a geometric mean greater than 33 cfu/100 mL. Furthermore, over the previous 5 years, 69 single samples have exceeded 61 cfu/100 mL. CRWA is happy to provide MassDEP with this raw data. Finally, MWRA collects regular samples for *Enterococcus* in the Lower Charles River Basin, segments MA72-36 and MA72-38. A brief analysis of data collected between 2008 and 2010 reveals that 224 samples, approximately 20% of the total, exceeded 61 cfu/100 mL. CRWA suggests MassDEP coordinate with MWRA to incorporate this data into the listing process.

Response: The *Enterococcus* sampling by CRWA is conducted quarterly, which only produces two values during the primary contact recreational season (1 April through 15 October) each year. CRWA is suggesting that multiple years of data be combined in order to calculate geometric means for the segments they propose for listing. MassDEP's assessment methodology requires a minimum of five sampling events at a given sampling station during the period 1 April through 15 October *within a single year* in order to calculate the geometric means for comparison to the criterion. And, since MassDEP does not use single sample values for making impairment decisions, these segments would not be assessed as impaired based on the *Enterococcus* data cited above. Rather, the segments would likely be given an Alert Status while sufficient data were sought to reach the minimum needed.

Comment: *Escherichia coli* – CRWA has documented violations for several segments that aren't presently listed as impaired for *E. coli*. Site 35CS along segment MA72-33 had a geometric mean greater than 126 cfu/100mL for the 2011 recreational season; additionally, seventeen samples were greater than 235 cfu/100 mL during the recreational bathing seasons of 2008, 2009, 2010 and 2011 and three samples collected over the most-recent five years was greater than 1,260 cfu/100 mL. MA72-05 is presently not listed as impaired for *E. coli* but CRWA's data shows multiple water quality violations in this segment. At site 267S, Dwight St. Bridge, the geometric mean of six samples collected over the 2011 bathing season is greater than 126 cfu/100 mL; and in total there have been six single samples results from the five sampling locations along this stretch (229S, 267S, 290S, 318S, 343S) which have violated the single sample standard over the past five years. Segment MA72-06 is also not listed for this pollutant; CRWA has observed four single sample violations along this stretch (387S, 400S, 447S) over the past five years. Finally, segment MA72-38 is not listed as impaired for *E. coli* and CRWA's monthly monitoring data shows six single sample violations along this stretch. CRWA also has two sampling sites along this stretch which are part of our summer recreational sampling program: the BU Bridge (3BU) and the Longfellow Bridge (4LONG). During the 2011 sampling season, which ran from July 5th to October 19th, the geometric mean of samples collected at the BU bridge was 181.1 cfu/100 mL, if samples collected after October 15th are excluded the geometric mean is 190 cfu/100 mL. Throughout the 2011 sampling season there were also multiple violations observed at the 4LONG site; the geometric mean of the five

samples collected between August 11-30, 2011, have a geometric mean of 156, and the five samples collected from September 27- October 11, 2011, is 200 cfu/100 mL. Numerous single samples violations have also been observed at these sites over the past five years. CRWA will make this raw data available to MassDEP. CRWA recommends that segments MA72-33, MA72-05, MA72-06 and MA72-38 all be listed as impaired for *E. coli*.

Response:

Segment MA72-33 – MassDEP concurs that the geometric means for the CRWA data from Site 35CS for the years 2007-2011 are all above the 126 cfu/100 ml primary contact recreation criterion. However, the Proposed 2012 Integrated List already identifies this segment as impaired by *E. coli* and indicates that it is covered by an approved TMDL. Thus, the segment MA72-33 appears in Category 4A.

Segment MA72-05 – MassDEP calculated geometric means for the CRWA sites 229S, 267S, 290S, 318S, and 343S from data reported for 2007-2011 (CRWA Year-end Reports 2007-2011) and found the following.

Geometric means (cfu/100 ml) for CRWA data in Segment MA72-05 during the primary contact recreation season from 2007-2011.

Site	2007	2008	2009	2010	2011
229S	36.9	39.3	49.9	38.2	NA
267S	17.1	35.0	41.6	50.1	105.6
290S	37.3	68.1	40.7	30.7	67.4
318S	19.2	36.0	37.9	48.2	53.9
343S	17.8	30.6	33.4	26.5	74.5

It is not clear how CRWA calculated a geometric mean for Site 267S for 2011 to be greater than 126 cfu/100 ml, but all of the values calculated over multiple years indicate that *E. coli* should not be added as a pollutant to this segment. These findings are consistent with the assessment in the Charles River Watershed 2002-2006 Water Quality Assessment Report (MassDEP 2008), which included CRWA data from prior to 2007.

Segment MA72-06 – Again, MassDEP does not use single sample values for making impairment decisions. MassDEP calculated geometric means for the CRWA sites 387S, 400S, and 447S from data reported for 2007-2011 (CRWA Year-end Reports 2007-2011) and found the following.

Geometric means (cfu/100 ml) for CRWA data in Segment MA72-06 during the primary contact recreation season from 2007-2011.

Site	2007	2008	2009	2010	2011
387S	29.4	105.8	46.1	66.4	64.6
400S	24.2	115.0	40.7	59.8	69.6
447S	15.8	40.6	159.9	74.9	91.0

With the exception of Site 447S in 2009 (skewed mainly by one moderately high value from a wet-weather event in May) all of the values calculated over multiple years indicate that *E. coli* should not be added to this segment. Furthermore, the values for the two most recent years were well under the geometric mean criterion for all sites. These findings are consistent with the assessment in the Charles River Watershed 2002-2006 Water Quality Assessment Report (MassDEP 2008), which included CRWA data from prior to 2007.

Segment MA72-38 – MassDEP calculated geometric means for the CRWA sites BU, 763S, 773S, LONG, and 784S from data reported for 2007-2011 (CRWA Year-end Reports 2007-2011) and attached to the comment letter. Results follow.

Geometric means (cfu/100 ml) for CRWA data in Segment MA72-38 during the primary contact recreation season from 2007-2011.

Site	2007	2008	2009	2010	2011
BU	--	--	--	--	189.8
763S	NA	NA	71.6	81.8	106.7
773S	29.3	120.5	70.6	45.3	46.5
LONG	--	--	--	--	47.0
784S	17.3	73.9	60.7	14.0	27.8

These findings are consistent with the assessment in the Charles River Watershed 2002-2006 Water Quality Assessment Report (MassDEP 2008), which included analysis of CRWA data from prior to 2007 and MWRA data between 1998 and 2005. Although MassDEP did not find enough evidence to add *E. coli* as a pollutant when preparing the 2008 WQAR, the more extensive 2011 CRWA data from Site BU provides more compelling evidence for doing so, and the Final 2012 Integrated List will include this addition.

Comment: *Flow Impairments* – While there are a number of tributaries, several main stem Charles River segments and a pond listed for some type of flow impairment (low flow alterations, other flow regime alterations, and fish passage barriers), there are many segments of the Charles River, and many tributaries, that have documented flow impairments but are not listed as having flow impairments. For these segments and tributaries, whatever Category they are listed in, flow impairments should be included in the listing. Specifically, segments MA72-33, MA72-03, MA72-14, MA72-15, and MA75-25, as well as sections of MA72-34 and MA72-05, are all classified in the SWMI Framework as Biological Category 5, the category with the highest level of impairment. Yet these segments do not include a flow impairment in the draft List. Nearly all of the main stem of the Charles River is either a BC 4 or BC5. These tributaries and segments should include a low flow alteration in their listing

Response: As indicated in responses to earlier comments, MassDEP has yet to evaluate the SWMI Framework within the context of Massachusetts' Surface Water Quality Standards and reporting under the Clean Water Act and, therefore, has no grounds to use these biological categories as the basis for adding flow impairments to any of these segments. Nonetheless, these documents will be reviewed and, if applicable, incorporated into future revisions of MassDEP's *Consolidated Assessment and Listing Methodology (CALM),* thus informing upcoming watershed assessments. Irrespective of how flow impairments are determined in the future, however, they will continue to be listed in Category 4c of the Integrated List, and not the 303(d) List of waters requiring TMDLs (Category 5).

Comment: *Habitat and Biological Integrity* – CRWA recently partnered with ESS Group to conduct habitat and biological assessments of five Charles River tributaries: Godfrey Brook, Mine Brook, Miscoe Brook, South Meadow Brook and Stop River. Monitoring was conducted in a manner consistent with the methods used by Massachusetts Division of Watershed Management (DWM). This data report is included as an attachment to these comments. CRWA suggests that this data report be reviewed and incorporated into the listing process.

Response: MassDEP has reviewed the ESS Group's report on biomonitoring in the Charles River Watershed and we would be happy to share more detailed comments on this study in a separate communication with the CRWA. In response to the CRWA's request to incorporate the results of this particular study into the listing process, however, we offer the following comments. The title and context of the report indicate that it was a pilot study designed to demonstrate how biomonitoring could be conducted by the watershed association, the kind of data that can be obtained, and how the analysis works. Recommendations and cost estimates were provided, should the CRWA decide to adopt this program.

The second purpose of this pilot study, as asserted by the CRWA, was to provide data that may be of use in assessing and listing waters under sections 305(b) and 303(d) of the CWA. However, MassDEP has

identified several issues and concerns that preclude using the results of this study as the CRWA suggested. Although ESS Group cited MassDEP's field and lab methods, the methods employed for the pilot study differed significantly:

1. ESS collected samples at the end of October; MassDEP's index period is July-September;
2. ESS's composite sample represents about half the area of stream bottom composited for MassDEP's samples (10 ft^2 = 0.9 m^2 vs. 2 m^2);
3. Sample processing was said to be "consistent" with MassDEP protocols, but no details were given; ESS did not produce a count-based subsample nor reduce the counts to a common number (rarefaction) for purposes of calculating RBP metrics; and
4. ESS used multihabitat sampling and MassDEP's data sets are either riffle-run kicks or paired comparisons of multiplate samplers.

These four differences in ESS and MassDEP methodologies do not allow for direct comparisons between their respective data sets and, therefore the conclusion that conditions have degraded cannot be supported (as stated in the report for the Stop River station STR01; DWM 2002 vs. ESS 2011).

Upon review of the descriptions and benthic results for those sites that rated as "moderately impaired" in the pilot study, it appears that habitat limitations (including slow-flowing water) could account substantially for the community attributes observed. Distinguishing between habitat limitations and pollutant stressors has very important implications for the proper placement of an impaired water body on the Integrated List of Waters (i.e., category 4A vs. 5), and, thus, the mechanism by which that water body is to be restored. For example, only waters impaired by pollutants are included on the 303(d) list of waters for which the development of TMDLs is required.

The CRWA is to be commended for its interest in establishing a biological component to its water monitoring program and the ESS Group's pilot study does a good job describing what is involved with carrying out a macroinvertebrate monitoring plan in a manner consistent with that of the MassDEP. Nonetheless, some adjustments to the proposed approach will be necessary in order to yield results that can be used for assessing and listing waters in accordance with the requirements of the CWA. To this end, MassDEP looks forward to working with the CRWA.

Comment: *Mercury in Fish Tissue* – A large segment of the mainstem of the Charles River is listed for this impairment as are three major ponds. It is unclear whether the remaining sections of the Charles are excluded due to lack of fish tissue samples, or because fish tissue samples collected from the remaining sections of the river were determined to contain safe levels of mercury. Is it reasonable to assume that fish with contaminated tissue are not moving in between multiple segments? Additionally, it is not clear why certain segments are covered by the Northeast Regional Mercury TMDL and why others are not. Does MassDEP intend to consider all segments listed on the *Integrated List of Waters* as impaired for Mercury in Fish Tissue for coverage under the TMDL?

Response: MassDEP relies on fish-consumption advisories issued by the Massachusetts Department of Public Health (Mass DPH) when assessing the Fish Consumption Use support status of a waterbody, and the EPA provides guidance pertaining to the use of those consumption advisories when making 303(d)-listing decisions. In short, the EPA considers a fish-consumption advisory as evidence that the Fish Consumption Use is not supported when the advisory is based on actual fish tissue data and those data are collected from the particular waterbody in question (i.e. site-specific). Thus, waters subject to site-specific advisories are included on the 303(d) list. Note, however, that in 1994, Mass DPH issued a state-wide consumption advisory due to widespread mercury contamination found in freshwater fish. This advisory was further revised in 2001. Because the state-wide advisory encompasses all fresh waters, no fresh waters can be considered "fully supporting" the fish consumption use.

MassDEP works with Mass DPH to clarify locations where fish were collected and to provide input regarding the potential for fish movements between segments. In the end, however, the spatial extent of MassDEP's 303(d) listings are based entirely on the stream segments and lakes and ponds explicitly

covered by Mass DPH's advisories, and MassDEP does not make assumptions pertaining to the movement of fish between segments that are not included in those advisories.

The *Northeast Regional Mercury Total Maximum Daily Load* to which this comment refers was developed by the six New England states, New York and the New England Interstate Water Pollution Control Commission (NEIWPCC) and submitted to the EPA in 2007. This TMDL document outlines a strategy for reducing mercury concentrations in fish in fresh waters. The TMDL report presents a list of the waterbodies that each state designated as covered by the regional TMDL. As such, Massachusetts chose to include only those lakes, ponds and reservoirs that were presumed to be impaired solely as the result of atmospheric deposition of mercury originating from sources beyond Massachusetts' borders, and excluded waters where local sources, such as incinerators, wastewater effluents or hazardous waste sites, may exist. Thus, lakes and ponds impaired by local sources of mercury, and all river segments impaired by mercury, whether or not they receive wastewater effluent discharges, are not intended to be included in the regional mercury TMDL.

Comment: *Chlorophyll a* – Only two Charles River segments are listed as impaired for chlorophyll a. CRWA recommends that additional segments be assessed and listed for chlorophyll a. Results from CRWA's volunteer monthly monitoring program document very high chlorophyll a results; in fact sections upstream have much higher chlorophyll a concentration than the two sections that are currently listed (see Table 7). In total, eight sites have average concentrations which exceed the EPA's recommended criteria of 3.75 μg/L. Sites 90CS and 199S (MA72-04) have average chlorophyll a concentrations of 14.3 μg/L and 12.5 μg/L respectively. These sites also have extremely high maximum chlorophyll a concentration: 196.8 μg/L at 90CS and 37.9 μg/L at 199S. CRWA recommends segment MA72-04 be listed for chlorophyll a impairments based on this data and that segments MA72-05, MA72-06, and MA72-07 also be considered for listing for this impairment and assessed further if needed.

Response: Massachusetts' Surface Water Quality Standards do not adopt a numerical criterion for chlorophyll a, nor are there specific guidelines for interpreting chlorophyll a data in the CALM Document. Rather, MassDEP uses an assessment method that examines multiple analytes that respond to increases in nutrient concentrations. At least three of these segments (i.e., MA72-05, MA72-06, MA72-07) are already listed as impaired by "Nutrient/Eutrophication Biological Indicators". This impairment code, which is considered a "pollutant" requiring a TMDL, is used to incorporate several analytes, including chlorophyll a, that respond to, and are indicative of, increased nutrient inputs to surface waters. And, since these segments are already covered by an EPA-approved TMDL that addresses the root cause of the problem (i.e., phosphorus loadings), there is little value in adding yet another pollutant that will be managed by reducing total phosphorus levels.

Comment: *Excess Algal Growth* – Many ponds throughout the watershed report excess algal growth, and certain ponds with recreational swimming beaches are in fact forced to close for this reason. We recommend MassDEP communicate with municipalities specifically regarding algal growth.

Response: MassDEP primarily relies on the most recent watershed assessments available when developing the Integrated List for each listing cycle. Consistent with EPA guidance, MassDEP makes every effort to gather all "readily available data and information" pertaining to those watersheds and attempts to ascertain their credibility and scientific validity before incorporating them into the assessments. With no standardized reporting mechanisms in place that would ensure accurate information pertaining to the kinds of algae present, much less the frequency, magnitude and duration of the bloom conditions, the level of confidence in information received from municipal officials would be variable, at best, and would not be considered sufficient for placing a water body on the 303(d) List. Furthermore, MassDEP currently lacks the resources that would be needed to implement a process by which municipalities report on when and why they close their beaches.

Comment: *Total Phosphorus* – Segment MA72-33 is not listed as impaired for Phosphorus (Total). CRWA's data from our volunteer monthly monitoring program at our sampling location along this stretch

(35CS) documents consistently high total phosphorus levels over the past five years. The maximum sample result reported over that period at site 35CS was 0.063 mg/L, three times the EPA recommended criteria of 0.0238 mg/L and the average over the past five years is 0.031 mg/L which is also above the EPA's recommended criteria. Segment MA72-04 is also not listed as impaired for this pollutant. This is an egregious oversight; CRWA sampling site 199S located along this segment has the highest average total phosphorus results of all 12 sites where phosphorus is monitored on a quarterly basis. Site 90CS, also located along this segment, exceeded the EPA recommended criteria at each sampling event since 2008. See Table 5.

Response: While the CRWA has chosen to compare their phosphorus data to a value recommended by the USEPA for the Eastern Coastal Plain Nutrient Ecoregion (XIV), it is arguable as to whether this number is appropriate for the Charles River Watershed. There is no numerical standard for total phosphorus in the Massachusetts Surface Water Quality Standards, nor are there specific guidelines for interpreting phosphorus data in the CALM Document. Therefore, MassDEP does not place waters on the 303(d) list solely on the basis of phosphorus concentration data. Generally, waters are added to the 303(d) List if a combination of factors, such as wide ranges in dissolved oxygen concentration, high chlorophyll levels or algal or plant "bloom" conditions indicate a response to increased nutrient levels. In any case, the argument for adding "Total Phosphorus" as an impairment to segment MA72-33 is not particularly relevant as this segment is already listed for "Nutrient/Eutrophication Biological Indicators" and is covered by the EPA-approved *Total Maximum Daily Load for Nutrients in the Upper/Middle Charles River, Massachusetts* for which the pollutant of concern is total phosphorus. Segment MA72-04, while not currently assessed as impaired by nutrients, is also covered by the TMDL for nutrients. Serving as a "protective TMDL", phosphorus loadings are prescribed that must be maintained in order to prevent water quality degradation from occurring in this segment.

Comment: Segment MA72-36 (Charles River) – This segment should be listed for (Bottom deposits*) due to multiple, rapidly growing sand bars in this section of the river which frequently impact recreational river use in this section. Significant deposition is occurring at the Newton Yacht Club and at the outlet of the Faneuil Brook culvert (Boston Water and Sewer Outfall 029).

Response: MassDEP would not add a stressor, such as "(Bottom deposits*)," to a water body segment based solely on the anecdotal evidence presented in this comment. Much more information pertaining to the source, character and extent of the sand bars would be needed to determine whether one or more designated uses are impaired and, if so, to develop the appropriate steps to restore those uses. Nonetheless, information pertaining to the formation of sand bars in this segment may be useful for identifying potential problems requiring further investigation in the future.

Comment: Faneuil Brook, a historical, culverted brook flowing from Chandler Pond in Brighton to the Charles River, needs to be assessed. This brook drains sections of Boston and Newton. A large, and rapidly growing sand bar is present at the outfall of this brook which is having a significant impact on recreation in the Charles River.

Response: Because Faneuil Brook flows underground through its entire course from Chandler Pond to the Charles River, it is not included in the Massachusetts Stream and River Inventory System (SARIS), nor does it appear in the MassGIS 1:25,000 Hydrography data layer. Therefore, this brook has never been assessed by MassDEP. Nonetheless, data collected by both the USGS and the USEPA indicate consistently high bacteria counts in Faneuil Brook, and this water body is cited in the *Final Pathogen TMDL for the Charles River Watershed* as a high priority for additional bacterial source tracking and remediation. Please see the response to the previous comment pertaining to sand bar formation.

Comment: MA72-38 (Charles River) – This section should be listed for (Fish-Passage Barrier*). Segment MA72-36 is listed for (Fish-Passage Barrier*), however the barriers to fish passage for segment MA72-36 are the same as those for MA72-38, namely the New Charles River dam which does not have an operational fish ladder.

Response: A review of MassDEP's most recent assessment of Segment MA72-36 will reveal that the stressor (Fish-Passage Barrier*) actually refers to the poorly functioning Denil fishway at the Watertown Dam, and not the New Charles River Dam. While it is true that the New Charles River Dam does not have an operational fish ladder, a locking protocol has been developed to maximize passage of rainbow smelt, river herring and Atlantic shad during their spawning runs. Nevertheless, MassDEP's CALM document states: "If impediments to fish passage (such as dams) exist but no structure has ever been built to allow fish passage, no impairment decision is currently made." For this reason (Fish-Passage Barrier*) is not included as a stressor for Segment MA72-38.

Comment: MA72-07 (Charles River) – This section should be assessed for (Eurasian Water Milfoil, Myriophyllum spicatum*) and Aquatic Plants (Macrophytes). Eurasian Water Milfoil and water chestnuts are prolific in the Lakes District of the Charles River.

Response: The Assessment Database (ADB), which is used to store MassDEP's watershed assessment results, identifies very few individual non-native plant species by name, and all other species are covered by the generic impairment "Non-native Aquatic Plants". This segment is already listed as impaired by "Non-native Aquatic Plants", as well as by "Nutrient/Eutrophication Biological Indicators". Nonetheless, the stressor "(Eurasian Water Milfoil, Myriophyllum spicatum*)" will be added to the Final List.

Comment: South Meadow Brook, Newton, MA – This waterbody should be assessed. Monitoring conducted by CRWA and ESS indicates this waterbody has sub-optimal habitat conditions and received the lowest overall habitat score for the five tributaries reviewed. This Brook also scored as moderately impacted for biological conditions. The suspected causes of the impacts are sedimentation, nutrient enrichment, and instream flow instability. Finally, CRWA has conducted water quality monitoring on South Meadow Brook indicating high *E. coli*, TSS and total phosphorus concentrations during dry weather.

Response: South Meadow Brook (Segment MA72-24) has been assessed and is already listed as impaired by "E. coli", "Oxygen, Dissolved", "Phosphorus (Total)", "Turbidity", "(Bottom Deposits*)", "(Debris/Floatables/Trash*)" and "(Physical substrate habitat alterations*)". This segment appears in Category 4a of the Integrated List, however, because all of the pollutants are covered by approved TMDLs.

Comment: Godfrey Brook, Milford, MA – This waterbody should be assessed. CRWA and ESS Group's monitoring shows that this waterbody is in the sub-optimal habitat category, and slightly impacted for biological conditions. The suspected causes of biological condition impacts are instream flow instability and riparian habitat degradation. Sections of Godfrey Brook are channelized with no to minimal riparian buffer.

Response: MassDEP has identified several issues and concerns that preclude using the results of ESS Group's study for assessing and listing waters under sections 305(b) and 303(d) of the CWA. Please refer to the earlier discussion (*Habitat and Biological Integrity*) pertaining to ESS Group's report.

Comment: MA72-10 (Stop River, Medfield, MA) – This stretch scored in the sub-optimal habitat category and moderately impacted for biological conditions. Suspected causes of these impacts are organic enrichment (which DEP has also documented), low dissolved oxygen, and sedimentation. This site was monitored by DWM in 2002 and recent data reveals that conditions there have degraded since that time.

Response: Again, MassDEP has identified several issues and concerns that preclude using the results of ESS Group's study for assessing and listing waters under sections 305(b) and 303(d) of the CWA. These were discussed earlier (see *Habitat and Biological Integrity*). Nonetheless, Stop River segment MA72-10 is currently listed as impaired by "E. coli", "Organic Enrichment (Sewage) Biological Indicators", "Phosphorus (Total)" and "Temperature, Water". All but "Temperature, Water" are covered by approved TMDLs.

Appendix 5
***Massachusetts Year 2012 Integrated List of Waters* – Responses to public comments**

Comment: CRWA would like to reiterate the following comments submitted on the draft 2010 *List* which we do not believe were adequately addressed.

- MA72-33 (Charles River) – Low flows are frequently observed at CRWA's volunteer monthly water quality monitoring site 35CS, the Central Street Bridge in Milford.

- MA72-18 (Fuller Brook) – CRWA's deployed depth logger located on Fuller Brook at Dover Road regularly documents extremely flashy conditions along this tributary. Fuller Brook consistently has higher peak flows and lower base flows than other similar tributaries where CRWA monitors flows. CRWA recommends this segment be assessed for flow alterations.

Response: These comments pertain to stream flow issues which are not managed through the CWA 303(d) listing and TMDL process. Nevertheless, as indicated in the responses to these comments back in 2010, the extent to which low-flow conditions contribute to the impairment of designated uses in these segments remains uncertain. As a participating member of the Sustainable Water Management Initiative (SWMI), MassDEP's Bureau of Resource Protection (BRP) is working with the Executive Office of Energy and Environmental Affairs (EEA) and its member agencies, along with numerous outside stakeholder groups, to improve water resources protection, and, at the same time, ensure adequate public water supply in the Charles and other watersheds.

Comment: CRWA would like to reiterate the following comment submitted on the draft 2010 *List* which we do not believe was adequately addressed.

- MA72-11 (Muddy River) – The Muddy River is not listed for Total Suspended Solids impairment despite documentation of high TSS concentrations in the *Charles River Watershed 2002-2006 Water Quality Assessment Reports*. Additional TSS monitoring should be conducted on the Muddy River.

Response: *MassDEP stands by the original response provided to this comment which is herein presented.* Total Suspended Solids (TSS) data from both the CRWA and USGS are reported in the 2002 - 2006 Charles Watershed WQAR. However, a criterion for TSS has not been published in the surface water quality standards and the magnitude and frequency of high TSS values in the Muddy River are a matter of judgment. For example, the following quote from the WQAR characterizes the CRWA data available at the time of the assessment: "Between February 2000 and December 2003, total suspended solids concentrations ranged from <2 to 51 mg/L (n=37) and only two samples were >25 mg/L." Additional data from the USGS were summarized as follows: "Total suspended solids concentrations during dry weather dry sampling conditions were all $\leq$ 11 mg/L (n=14 including one split collected between June 1999 and July 2000). Similarly, turbidity measurements were also low ($\leq$ 23 NTU n=10 measurements). Event mean concentrations of total suspended solids and turbidity for the storm events sampled were reported to range from 24 to 65 mg/L (n=10 measurements including one split) and 16.0 to 39.0 NTU (n=7), respectively (storm events sampled between January 2000 and September 2000)." While MassDEP did not find this to be compelling evidence for listing TSS as a cause of impairment in the Muddy River, it is noteworthy that a number of related impairments were applied to this water body in the WQAR and ensuing Integrated List. These include "turbidity", "physical substrate habitat alterations" and "bottom deposits". It follows that the implementation of a TMDL for turbidity will control TSS loadings along with these other impairments.

8) *Ipswich River Watershed Association (IRWA)*

By way of introduction the IRWA wrote: "As we celebrate the 40th anniversary of passage of the federal Clean Water Act, it is important to evaluate our progress in restoring and protecting the physical, chemical and biological integrity of the nation's waters, as the law requires. We have the following comments that

focus on the draft, including information on areas listed as "not assessed," identification of several areas where significant changes have occurred in recent years, warranting changes in the listings, as well as broader comments about how the Integrated List of Waters will actually be used to attain designated uses and prevent degradation under the Clean Water Act."

Comment: We offer the comments on the issues that we were able to pull out of the report, in the hope and expectation of helping MassDEP base its future management decision on more accurate and current information.

Response: MassDEP is appreciative of the time and effort that the IRWA was able to devote to the review of the Proposed 2012 Integrated List of Waters and we believe that the expressed desire to assist MassDEP to "base its future management decision on more accurate and current information" is a laudable goal which, depending on the availability of MassDEP staff resources and the kinds of information available from the IRWA, we should work toward as we move forward with future assessment activities. To this end, we would be happy to send to you, upon request, copies of MassDEP's Data Submittal Guidelines (CN 0.71) and Recommended Content of Data Report Submittals (CN 0.74) that provide guidance to parties that wish to submit data and information in support of the assessment and listing of waters under sections 305(b) and 303(d) of the CWA. Furthermore, we invite you to examine MassDEP's *Consolidated Assessment and Listing Methodology (CALM) Guidance Document* for a better understanding of the data and information required for making assessments. This document can be found on-line at http://www.mass.gov/dep/water/resources/2012calm.pdf.

Comment: We note that a few stream segments and quite a few ponds and lakes remain unassessed. [Footnote – Pye Brook and School Brook do not appear to be listed. I believe Pye Brook is lumped with Howlett Brook (MA92-17), although locally it is known as Pye Brook upstream of the confluence with the outlet stream from Hood Pond.] We would like to identify a process (and potentially funding) to assist DEP in completing the assessments of these resources. In several cases, there is information available through the USGS Water Indicators Project and other recent studies [Footnote lists *Indicators of streamflow alteration, habitat fragmentation, impervious cover and water quality for Massachusetts stream basins.* (Weiskel, et al. 2010), and *Factors influencing riverine fish assemblages in Massachusetts* (Armstrong, et al. 2011.)] that should be incorporated into the list before it is finalized.

Response: MassDEP readily acknowledges that many water bodies in Massachusetts, such as those identified in this comment, are not included in the Integrated List. Waterbodies that have never been assessed by the MassDEP do not appear in any category of the list because resources are unavailable to input the entire inventory of surface waters in Massachusetts into the database where assessments are stored. New waters are only added to the database and, thus, appear on the list, as assessments are completed for those waters for the first time.

MassDEP follows a rotating watershed monitoring and assessment schedule that does not allow for new assessments to be completed for every watershed in each listing cycle. For example, since the time the 2010 Integrated List was prepared, new assessments have been completed for the Blackstone, Boston Harbor (including Mystic, Neponset and Weymouth/Weir), Merrimack and Parker watersheds and the Cape Cod coastal drainage areas, and these assessments furnished the majority of new information in support of the 2012 listing decisions. A new assessment for the Ipswich River Watershed is anticipated for the 2014 assessment and listing cycle.

The IRWA's comments pertaining to Pye and School brooks involve stream flow issues which are not managed through the CWA 303(d) listing and TMDL process. Furthermore, the USGS Water Indicators Project reports were unavailable at the time of the last Ipswich Watershed assessment. Nonetheless, the MassDEP will review these documents as part of the overall information gathering process that informs the next watershed assessment.

Comment: The stressors on several stream segments have changed with resulting changes in their conditions.

a. Maple Meadow Brook (MA92-04) has not been used for water supply in about a decade due to contamination; previously, it was highly flow-impacted, even flowing backwards due to the effects of well pumping. This is well-documented in our monitoring data and low-flow report; however, the low-flow/no-flow/reverse flow problem is not occurring currently, due to the fact that Wilmington is not pumping wells in this sub-basin.
b. However, Wilmington has increased withdrawals from both Lubbers Brook and Martins Brook, resulting in more severe low-flow and no-flow problems in those brooks. Photos are attached documenting dry streambeds and fish kills at Lubbers Brook and Martins Brook due to water withdrawals.

Response: As indicated above, stream flow and habitat impairments are not managed through the CWA 303(d) listing and TMDL process. However, MassDEP will review the USGS Water Indicators Project reports, as well as any available stream gage data and water withdrawal records, as part of the next Ipswich Watershed assessment process. Waters exhibiting flow-related impairments will not be placed on the 303(d) List (i.e., Category 5), but will be included in Category 4 of the Integrated List.

Comment: Data from the USGS Water Indicators Project, Fish and Habitat Study and Sustainable Water Management Initiative [Footnote – The Sustainable Water Management Initiative (SWMI) Draft Framework proposes a maximum acceptable alteration of monthly median streamflow as follows: January 10%; April 10%; August 25%; October 15%.] should be included in the Integrated List. For example:

a. Idlewild Brook is listed as "not assessed." According to the Water Indicators Project and other studies, Idlewild Brook (Sub-basin 21004) is one of the most flow-impacted subbasins/streams in the entire state. Its seasonal flow depletions are: January median reduced by 30%; April median reduced by 11%; August median reduced by 100%; October median reduced by 100%; 7-day low-flow 100%. I hope that this is sufficient information for DEP to classify this as flow-impaired. Ironically, the sub-basin does not have high imperviousness, and is primarily located within the Ipswich River Wildlife Sanctuary, indicating a potentially high quality resource, if only it had some water.
b. Mile Brook is also listed as "not assessed." According to the Water Indicators Project and subsequent studies, Mile Brook (Sub-basin 21003) has seasonal flow depletions as follows: January median reduced 10.76%; August median reduced 100%; October median reduced 45.6%; 7-day low-flow reduced 100%. Please advise if for some reason this is not sufficient basis to list Mile Brook as flow-impaired.
c. In these studies, several sub-basins (notably Gravelly Brook, upper Kimball Brook, Crooked Pond Brook, Bare Meadow Brook) are "lumped" with the mainstem or a larger sub-basin, thus indicating a higher level of flow-depletion than actually exists.

Response: As a participating member of the Sustainable Water Management Initiative (SWMI), MassDEP's Bureau of Resource Protection (BRP) is working with the Executive Office of Energy and Environmental Affairs (EEA) and its member agencies, along with numerous outside stakeholder groups, to improve water resources protection, and, at the same time, ensure adequate public water supply. It should be noted, however, that the Draft Sustainable Water Management Initiative Framework Summary was not published until one month after the release of the Proposed 2012 Integrated List of Waters and long after the completion of the watershed assessments represented in the 2012 List. Therefore, MassDEP has yet to evaluate the results of the USGS studies, or the SWMI framework within the context of Massachusetts' Water Quality Standards and reporting under the Clean Water Act. Nonetheless, these documents will be reviewed and, if applicable, incorporated into future revisions of MassDEP's *Consolidated Assessment and Listing Methodology (CALM) Guidance Document,* thus informing upcoming watershed assessments. Irrespective of how flow impairments are determined in the future, however, they will continue to be listed in Category 4 of the Integrated List, and not the 303(d) List of waters requiring TMDLs (Category 5).

Comment: Low dissolved oxygen (DO) continues to be one of the major problems along the Ipswich River.

a. The upper Ipswich River experiences DO below the state standard on a regular basis in summer. While we know that historically, the upper watershed had sufficient DO to support brook trout, this is no longer the case. The Upper Ipswich has the most chronically low DO levels in the watershed.
b. DO is a problem at times in summer in the mid- and lower- watershed.

Response: The MassDEP acknowledges the low dissolved oxygen levels mentioned in this comment. And, while it is difficult to separate anthropogenic effects from the natural influence of oxygen-depleted contiguous wetlands, the entire Ipswich River, from its source (confluence of Maple Meadow Brook and Lubbers Brook, Wilmington) to the Ipswich Dam in Ipswich (segments MA92-06 and MA92-15), is, in fact, already listed in Category 5 (i.e., 303d-listed) for "Oxygen, Dissolved", which is the Assessment Database cause code indicating dissolved oxygen depletion.

Comment: As a result of the importance of DO and the chronic problems, IRWA believes that a TMDL should be developed to address oxygen-depleting factors.

Response: By definition, the presence of the main stem Ipswich River on the 303(d) List means that the development of a TMDL is required.

9) *Region 1, U. S. Environmental Protection Agency*

The comment letter began: "EPA New England appreciates the opportunity to provide comments on the Proposed Massachusetts Year 2012 Integrated List of Waters, dated January 2012. These comments are relative to additions, removals and changes to the impaired water list [also referred to as the Section 303(d) List and/or Category 5 of the Integrated List]. EPA requests that MassDEP address these comments, along with any other public comments received, prior to final submission of the Section 303(d) list to EPA for review and approval.

MassDEP presents a detailed summary of the existing data for waterbody segments in the most recent water quality assessment report written for each particular watershed. These comments rely on the draft integrated report as well as the watershed water quality assessment reports referenced in the draft integrated report".

Comment: Coonamessett River (segment MA96-69) is on the 2010 Integrated List of Waters in Category 4a due to its inclusion in the Great, Green and Bournes Pond Embayment Systems TMDL for Total Nitrogen (MassDEP 2006). Total Nitrogen is being removed as a pollutant for the Coonamessett River in the proposed 2012 Integrated List. Please provide more specific information as to the timing and frequency of data collection and the range of concentrations supporting this removal.

Response: The Coonamesset River has never been assessed as impaired and, therefore, has never appeared on any version of Massachusetts' 303(d) List. Rather, it was erroneously placed in Category 4a in 2008 following the approval of the *Final Great, Green and Bournes Pond Embayment Systems TMDL for Total Nitrogen.* Although this TMDL document states "Additionally Chapter VI of the MEP Technical Report provides assessment data that show that the Coonamessett River in the Great Pond System is impaired for nutrients," this statement contains two errors. First, it refers to assessment data in Chapter VI of the Technical Report when, in fact, Chapter VI describes the model formulation and contains no assessment information. Second, while Chapter VII actually does discuss individual waterbody assessments, it never refers to the Coonamesset River as impaired nor does it present any data from this river to support an assessment decision either way. The controllable local sources of nitrogen identified in the TMDL included on-site subsurface wastewater disposal (septic) systems, stormwater runoff and

fertilizers. In addition, the TMDL process demonstrated that nitrogen loading from the Coonamesset River would need to be limited in order to restore water quality in the downstream segment (i.e., Great Pond). Nonetheless, the freshwater segment of the river itself (MA96-69) was not found to be impaired by nitrogen during the MEP monitoring effort.

Comment: Mill Creek (MA96-41) and Stage Harbor (MA96-11) were on the 2010 Integrated List of Waters in Category 4a due to their inclusion in the Stage Harbor/Oyster Pond, Sulphur Springs/Bucks Creek, Taylors Pond/Mill Creek TMDL Reevaluations for Total Nitrogen (MassDEP 2008). Total Nitrogen is being removed as a pollutant for both Mill Creek and Stage Harbor in the proposed 2012 Integrated List. The Cape Cod watershed report states that these waterbodies can best be protected by reducing excess nutrient loading, in particular total nitrogen, and total nitrogen reductions of 78% for Mill Creek and 75% for Stage Harbor are specified in the TMDL. Please provide more specific information as to the timing and frequency of data collection and the range of concentrations supporting these removals.

Response: Mill Creek (MA96-41), like the Coonamesset River (see above comment), has never appeared on a 303(d) List as impaired by nutrients. It was erroneously placed in Category 4a in 2006 following the approval of the *Stage Harbor, Sulphur Springs, Taylors Pond, Bassing Harbor and Muddy Creek TMDL for Total Nitrogen.* At that time, the TMDL for Mill Creek was considered a "protective" TMDL because this waterbody was not found to be impaired during the TMDL evaluation. In 2008, MassDEP published *Stage Harbor/Oyster Pond, Sulphur Springs/Bucks Creek, Taylors Pond/Mill Creek TMDL Re-Evaluations for Total Nitrogen.* In this report Stage Harbor (MA96-11) is characterized as exhibiting insignificant dissolved oxygen depletion, low chlorophyll *a* concentrations and only a slight decline in Eel Grass loss over the period 1951 – 2000. This information contributed to the decision, in MassDEPs most recent assessment of the Cape Cod drainage areas, that the *Aquatic Life Use* is supported in Stage Harbor. In summary, the TMDL evaluation concluded that these segments can best be *protected* (not *restored*) by reducing nutrient levels; however, neither waterbody was determined to be impaired during the development of the TMDL.

Comment: One segment within the Charles River watershed, Charles River (MA72-04), has an impairment listed as "other*" removed as a pollutant on the proposed 2012 Integrated List due to an erroneous original listing. It is not clear in the watershed report what the "other" impairment is referring to, or what data was used to support removal of this impairment. Please clarify the details supporting removal of this impairment.

Response: The impairment "(Other*)", actually identified as a non-pollutant by the parentheses and asterisk, was accidentally added to this segment in 2008 when converting from the old Waterbody System (WBS) to the new Assessment Database (ADB). At that time, "metals" and "pathogens" were mapped over to "Mercury in Fish Tissue" and "Escherichia coli", respectively, and "Fishes Bioassessments" and "(Other flow regime alterations*)" were added based on a new assessment of this segment. "(Other*)" was simply a clerical error which is now corrected for the 2012 List.

Comment: The fecal coliform impairment for Gulliver Creek (MA73-30) within the Neponset River watershed is being removed on the proposed 2012 Integrated List. The Neponset River watershed assessment report states that insufficient data were available to assess both the primary and secondary contact use. Please provide more specific information as to the timing and frequency of data collection and the range of concentrations supporting the removal of this pollutant.

Response: "Fecal coliform" [6/21/2002-CN121.0] was inadvertently removed from the Proposed 2012 Integrated List and will be restored to the final version of the list.

Comment: The Parker River segment (MA91-01) within the Parker River watershed is being delisted for mercury in fish tissue, with the notes indicating that the DPH advisory pertains to Pentucket and Rock ponds only. Please clarify the details supporting removal of this impairment.

Response: Segment MA91-01 was first listed in 2002 as being impaired by “Mercury in Fish Tissue” (at that time the cause code was simply “metals”). The listing was based on DPH fish consumption advisories that had been issued for Pentucket and Rock ponds and, at that time, the most recent assessment of the Parker River Watershed included these two ponds with the main stem Parker River segment MA91-01. Therefore, although no DPH fish consumption advisories had ever been issued for the main stem Parker River, the advisories for the two ponds were applied to the entire segment. When the Parker Watershed was assessed more recently in 2010, segment MA91-01 specifically excluded Rock and Pentucket ponds, which were assessed separately. Since DPH fish consumption advisories only applied to these ponds, and not the main stem Parker River, it was no longer correct to include “Mercury in Fish Tissue” as a stressor for this segment.