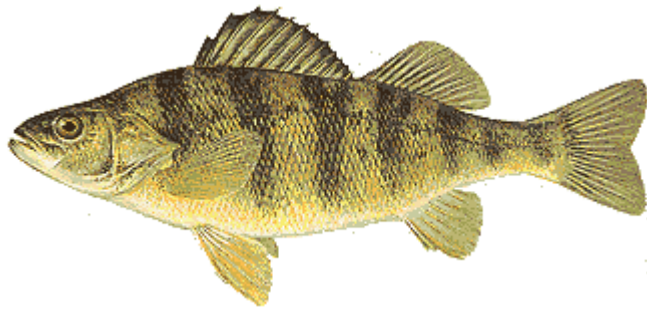


**1983-2015
Fish Toxics Monitoring
Survey List**



**Massachusetts Department of Environmental Protection
Divisions of Watershed Management
and
Environmental Analysis**

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Introduction

This list includes Fish Toxics Monitoring Surveys conducted by the Massachusetts Department of Environmental Protection's (DEPs) Divisions of Watershed Management (DWM) and Environmental Analysis (WES) (formerly the Department of Environmental Quality Engineering's (DEQEs) Technical Services Branch (TSB) and Lawrence Experiment Station (LES)). It also includes waterbodies sampled in conjunction with three research projects managed by DEPs Office of Research and Standards (ORS). While DWM participated in two of the three research surveys, and WES analyzed (and in some cases prepared) all samples, many of the fish were collected by consultants. In addition, the list includes three surveys from which collections and/or analyses were conducted by other entities (see footnotes on Page 25).

The list is organized by watershed, consistent with the "river basin and coastal drainage areas" format first presented in *Massachusetts Stream Classification Program Part 1: Inventory of Rivers and Streams* by Halliwell, Kimball, and Screpetis. A map showing the 33 "watersheds" in Massachusetts used by the DWM Watershed Planning Program (WPP) can be found in Figure A. Watershed name is preceded by watershed number as assigned by Halliwell et al., with the exception of the addition of '70', which the WPP uses to designate Boston Harbor (Proper). All surveys are listed chronologically and the list will be updated yearly.

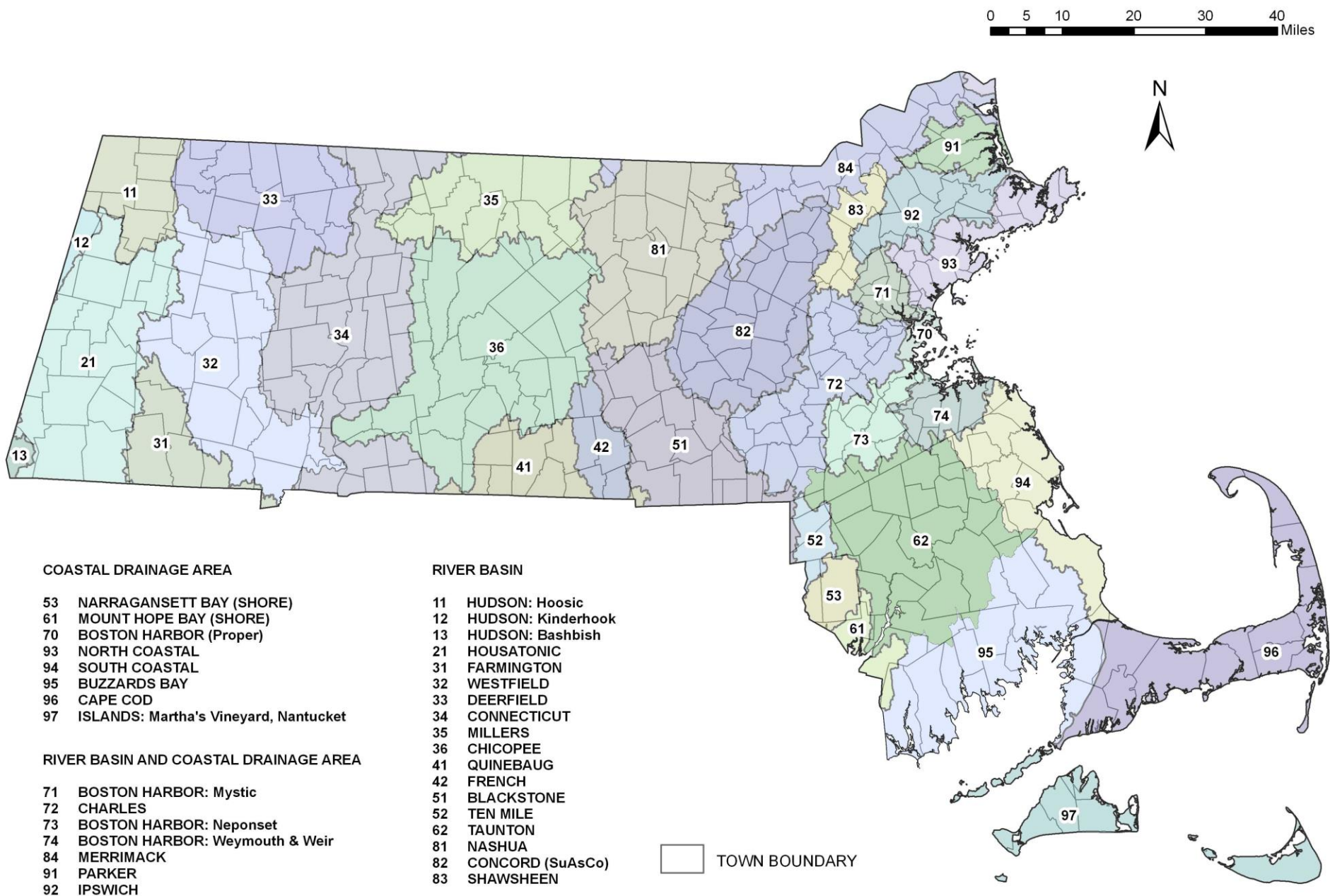


Figure A. MassDEP DWM-WPP River Basins and Coastal Drainage Areas Map

<u>WATERBODY</u>	<u>YEAR SAMPLED</u>	<u>ANALYSES</u>
Hoosic River Watershed (11)		
Hoosic River	1985	PCBs / organic scan
Hoosic River	1986	metals,PCBs / organic scan
Hoosic River	1988	metals, PCB scan
Broad Brook	1989	metals, PCB scan
Green River	1989	metals, PCB scan
Hemlock Brook	1989	metals, PCB scan
Tophet Brook	1989	metals, PCB scan
Hoosic River	1997	As, Cd, Hg, Pb, Se, PCBs organochlorine pesticides
Cheshire Reservoir	2002	As, Cd, Hg, Pb, Se, PCBs ¹ organochlorine pesticides
Hoosic River	2007	As, Cd, Hg, Se, PCBs ¹ organochlorine pesticides
Housatonic River Watershed (21)		
Stockbridge Bowl	1983	dioxin
Pontoosuc Lake	1993	arsenic, mercury, lead, zinc
Goose Pond	1993	arsenic, mercury, lead, zinc
Lake Garfield	1993	metals, PCBs,
Ashley Lake ²	1994	As, Cd, Hg, Pb, Se, PCBs ¹ , organochlorine pesticides
Konkapot River	1997	As, Cd, Hg, Pb, Se, PCBs organochlorine pesticides
Lake Buel	2002	As, Cd, Hg, Pb, Se, PCBs ¹ , organochlorine pesticides
Pontoosuc Lake	2002	As, Cd, Hg, Pb, Se, PCBs ¹ , organochlorine pesticides
Onota Lake ²	2001, 02, 04, 06, 08, 10, 11	Hg
Stockbridge Bowl ²	2006, 08, 10, 14	Hg
Lake Buel ²	2006, 08, 10, 14	Hg

<u>WATERBODY</u>	<u>YEAR SAMPLED</u>	<u>ANALYSES</u>
Housatonic River Watershed (21) (continued)		
Goose Pond ²	2006, 08, 10, 11	Hg
Lake Garfield	2006	Hg
Lake Garfield ²	2006, 08, 10, 11	Hg
Konkapot River	2007	As, Cd, Hg, Se, PCBs organochlorine pesticides
Richmond Pond	2015	Hg
Farmington River Watershed (31)		
Otis Reservoir	1996	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Benton Pond	1996	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Shaw Pond	1996	As, Cd, Hg, Pb, Se, PCBs organochlorine pesticides
Big Pond	2001	As, Cd, Hg, Pb, Se, PCBs ¹ , organochlorine pesticides
Otis Reservoir	2001	As, Cd, Hg, Pb, Se, PCBs ¹ , organochlorine pesticides
Westfield River Watershed (32)		
Westfield River	1990	metals, PCB scan
Little River	1990	metals, PCB scan
Buckley-Dunton Lake ²	1994	As, Cd, Hg, Pb, Se, PCBs organochlorine pesticides
Center Pond ²	1994	As, Cd, Hg, Pb, Se, PCBs organochlorine pesticides
Crooked Pond ²	1994	As, Cd, Hg, Pb, Se, PCBs organochlorine pesticides
Yokum Pond ²	1994	As, Cd, Hg, Pb, Se, PCBs organochlorine pesticides
Congamond Lake	2001	As, Cd, Hg, Pb, Se, PCBs ¹ , organochlorine pesticides
Pequot Pond	2001	As, Cd, Hg, Pb, Se, PCBs ¹ , organochlorine pesticides

<u>WATERBODY</u>	<u>YEAR SAMPLED</u>	<u>ANALYSES</u>
Westfield River Watershed (32) (continued)		
Buckley-Dunton Lake ²	2003, 04, 06, 08, 10, 15	Hg
Windsor Pond	2006	Hg
Buck Pond	2006	Hg, PCBs ¹ organochlorine pesticides
Windsor Pond	2008	Hg
Deerfield River Watershed (33)		
Deerfield River	1988	metals, PCB scan
Bog Pond ²	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Sherman Reservoir	1995	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Plainfield Pond ²	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Ashfield Pond ²	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Bog Pond	2000	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Deerfield River	2000	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Deerfield River	2005	As, Cd, Hg, Pb, Se, PCBs ¹ organochlorine pesticides
Pelham Lake ²	2006, 08, 10, 11	Hg
Plainfield Pond ²	2006, 08, 10, 14	Hg
Ashfield Pond ²	2009, 15	Hg
Bog Pond ²	2009	Hg
Connecticut River Watershed (34)		
Connecticut River ³	1985	metals, PCBs, pesticides
Connecticut River	1987	metals, PCBs/ organic scan
Connecticut River	1988	metals, PCB scan

<u>WATERBODY</u>	<u>YEAR SAMPLED</u>	<u>ANALYSES</u>
Connecticut River Watershed (34) (continued)		
Lower Millpond	2002	As, Cd, Hg, Pb, Se, PCBs ¹ organochlorine pesticides
Oxbow	2008	Hg, PCBs ¹ , organochlorine pesticides
Barton Cove	2008	Hg, PCBs ¹ , organochlorine pesticides
Connecticut River (Northampton)	2009	Hg, PCBs, organochlorine pesticides
Connecticut River (Chicopee)	2009	Hg, PCBs, organochlorine pesticides
Millers River Watershed (35)		
Millers River	1985	PCBs / organic scan
Millers River	1987	metals,PCBs / organic scan
Millers/Otter River	1988	metals, PCB scan
Lake Denison	1990	metals, PCB scan
Gales Pond ²	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Hilchey Pond ²	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Laurel Lake ²	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Sheomet Lake ²	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Upper Naukeag Lake ²	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Upper Reservoir ²	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Lake Denison	1995	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Lake Rohunta	1995	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Lake Denison	1996	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides

<u>WATERBODY</u>	<u>YEAR SAMPLED</u>	<u>ANALYSES</u>
Millers River Watershed (35) (continued)		
Otter River	2000	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Millers River	2000	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Upper Reservoir ²	2001, 02, 04, 07, 09, 12	Hg
Otter River	2005	As, Cd, Hg, Pb, Se, PCBs ¹ organochlorine pesticides
Millers River	2005	As, Cd, Hg, Pb, Se, PCBs ¹ organochlorine pesticides
Upper Naukeag Lake ²	2007, 09, 11, 15	Hg
Laurel Lake ²	2009	Hg
Moore's Pond	2010	Hg
Lake Mattawa	2010	Hg
Sheomet Lake ²	2011	Hg
Chicopee River Watershed (36)		
Dimmock Pond	1986	metals, PCBs/ organic scan
Powdermill Pond	1989	metals, PCB scan
Quaboag Pond	1993	metals, PCBs, and organochlorine pesticides
Lake Quacumquasit	1993	metals, PCBs, and organochlorine pesticides
Chicopee River	1998	As, Cd, Hg, Pb, Se, PCBs organochlorine pesticides
Quaboag River	1998	As, Cd, Hg, Pb, Se, PCBs organochlorine pesticides
Lake Lashaway ²	2003, 05, 07, 09, 11, 15	Hg
Wickaboag Pond ²	2003, 05, 07, 09, 12	Hg
Quabbin Reservoir ²	2005, 09	Hg
Red Bridge Impoundment	2008	Hg, PCBs ¹ , organochlorine pesticides

<u>WATERBODY</u>	<u>YEAR SAMPLED</u>	<u>ANALYSES</u>
Chicopee River Watershed (36) (continued)		
Browning Pond	2008, 11	Hg
Springfield Reservoir	2012	Hg
Quinebaug River Watershed (41)		
Clara Barton Pond (Thayers Pond)	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Hamilton Reservoir	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Quinebaug River	1998	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Lake George	2009	Hg, PCBs, organochlorine Pesticides
Alum Pond (Big Alum)	2015	Hg
French River Watershed (42)		
French/Little Rivers	1984	metals
Texas Pond	1998	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Buffumville Lake	1999	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Webster Lake	1999	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
French River	2006	As, Cd, Hg, Pb, Se, PCBs ¹ organochlorine pesticides
Sargent Pond	2012	Hg
Sargent Pond	2015	Hg
Blackstone River Watershed (51)		
North Pond	1983	dioxin
Flint Pond	1983	dioxin
Blackstone River	1985	metals
Blackstone River ⁵	1986	metals

<u>WATERBODY</u>	<u>YEAR SAMPLED</u>	<u>ANALYSES</u>
Blackstone River Watershed (51) (continued)		
Blackstone River ⁵	1987	metals
Dorothy Pond	1987	metals,PCBs / organic scan
Indian Lake	1988	metals, PCB scan
Blackstone River ⁵	1988	metals
Blackstone River ⁵	1989	metals
Blackstone River ⁵	1990	metals, PCB scan
Mill River	1990	metals, PCB scan
Patch Reservoir	1991	metals
Blackstone River	1993	metals, PCBs, and organochlorine pesticides
Flint Pond	1995	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Wallum Lake	1996	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Blackstone River	2006	As, Cd, Hg, Pb, Se, PCBs ¹ organochlorine pesticides
Lake Quinsigamond	1996	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Hovey Pond	1996	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Coes Reservoir	1998	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
University Park Pond	1998	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Salisbury Pond	2000	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides, PAHs
Blackstone River (Blackstone)	2008	Hg, PCBs ¹ , organochlorine pesticides
Manchaug Pond	2008	Hg

<u>WATERBODY</u>	<u>YEAR SAMPLED</u>	<u>ANALYSES</u>
Ten Mile River Watershed (52)		
Ten Mile/Sevenmile R.	1984	metals
Sevenmile River	1986	metals
Bungay River	1986	metals
Ten Mile River	1987	metals,PCBs / organic scan
Ten Mile/Sevenmile R.	1990	metals, PCB scan
Falls Pond (Coral Lake)	1997	As, Cd, Hg, Pb, Se, PCBs organochlorine pesticides
Whiting Pond	2002	As, Cd, Hg, Pb, Se, PCBs ¹ , organochlorine pesticides
Mechanics Pond	2002	As, Cd, Hg, Pb, Se, PCBs ¹ , organochlorine pesticides
Narragansett Bay Shore Watershed (53)		
Burrs Pond	1999	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Mount Hope Bay Watershed (61)		
North Watuppa Pond	1989	metals, PCB scan
South Watuppa Pond	1989	metals, PCB scan
Cook Pond	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
North Watuppa Pond ²	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Lewin Brook Pond	1999	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
North Watuppa Pond ²	2001, 02, 04, 05, 07, 09, 11, 14	Hg
Sawdy Pond	2009	Hg
South Watuppa Pond	2009	Hg
Taunton River Watershed (62)		
Muddy Pond	1987	metals,PCBs / organic scan
Norton Reservoir	1988	metals, PCB scan

<u>WATERBODY</u>	<u>YEAR SAMPLED</u>	<u>ANALYSES</u>
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Taunton River Watershed (62) (continued)

Barrowsville Pond	1988	metals, PCB scan
Oakland Pond	1988	metals, PCB scan
Matfield River	1989	metals, PCB scan
Elders Pond ²	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Little Quittacas Pond ²	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Middle Pond ²	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Prospect Hill Pond ²	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Somerset Reservoir ²	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Watson Pond ²	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
West Meadow Pond ²	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Lake Mirimichi	1995	As, Cd, Cu, Hg, Pb, Se, PCBs, organochlorine pesticides
Ames Long Pond	2001	As, Cd, Hg, Pb, Se, PCBs ¹ , organochlorine pesticides
Monponsett Pond (East Basin)	2001	As, Cd, Hg, Pb, Se, PCBs ¹ , organochlorine pesticides
Lake Nippenicket ²	2003, 05, 07, 09, 12	Hg
Somerset Reservoir ²	2009, 12	Hg

Mystic River Watershed (71)

Little Pond / Alewife Brook	1988	metals, PCB scan
Unnamed Brook (Wellington Brook)	1993	metals, PCBs, organochlorine pesticides
Clay Pit Pond	1995	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides

<u>WATERBODY</u>	<u>YEAR SAMPLED</u>	<u>ANALYSES</u>
Mystic River Watershed (71) (continued)		
Mystic River/Lower Mystic Lake	1999	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Upper Mystic Lake	1999	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Spy Pond	2002	As, Cd, Hg, Pb, Se, PCBs ¹ , organochlorine pesticides
Mystic River	2007	As, Cd, Hg, Se, PCBs ¹ organochlorine pesticides
Lower Mystic Lake	2008	Hg, PCBs ¹ , organochlorine pesticides
Alewife Brook	2008	Hg, PCBs ¹ , organochlorine Pesticides
Horn Pond	2011	Hg, PCBs, organochlorine Pesticides
Charles River Watershed (72)		
Lake Winthrop	1983	dioxin
Nonesuch Pond	1983	dioxin
Lake Winthrop	1985	dioxin
Echo Lake	1987	metals,PCBs / organic scan
Lake Waban	1988	metals, PCB scan
Box Pond	1988	metals, PCB scan
Sandy Pond	1989	metals, PCB scan
Cedar Swamp Pond	1989	metals, PCB scan
Muddy River	1990	metals, PCB scan
Charles River	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Charles River	1995	Ag, As, Ba, Cd, Cr, Hg, Ni, Pb, Se, Zn, PCBs, PAHs, organochlorine pesticides

<u>WATERBODY</u>	<u>YEAR SAMPLED</u>	<u>ANALYSES</u>
Charles River Watershed (72) (continued)		
Lake Winthrop	1996	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Charles River	1997	As, Cd, Hg, Pb, Se, PCBs organochlorine pesticides
Lake Winthrop	1997	dioxin
Hardys Pond	1996	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Lake Pearl	2002	As, Cd, Hg, Pb, Se, PCBs ¹ , organochlorine pesticides
Box Pond	2002	As, Cd, Hg, Pb, Se, PCBs ¹ , organochlorine pesticides
Echo Lake ²	2004, 06, 08, 10, 12	Hg
Beaver Pond	2007	Hg
Populatic Pond	2007	Hg, PCBs ¹ organochlorine pesticides
Jamaica Pond	2010	Hg, PCBs organochlorine pesticides
Leverett Pond	2010	Hg, PCBs organochlorine pesticides
Lake Waban	2015	As, Cd, Cr, Hg, Pb, Se
Neponset River Watershed (73)		
Neponset Reservoir	1986	metals, PCBs organic scan
Massapoag Lake ⁶	1991	mercury, PCB scan
Neponset River	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Willet Pond	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Neponset Reservoir	1996	As, Cd, Hg, Pb, Se, Cu, Cr Zn, PCBs, organochlorine pesticides

<u>WATERBODY</u>	<u>YEAR SAMPLED</u>	<u>ANALYSES</u>
Neponset River Watershed (73) (continued)		
Massapoag Lake ²	2004, 06, 07, 09, 12	Hg
Neponset River (Canton/Norwood)	2008	Hg, PCBs ¹ , organochlorine pesticides
Mother Brook	2009	Hg, PCBs ¹ , organochlorine pesticides
Ponkapoag Pond	2009	Hg
Reservoir Pond	2009	Hg
Weymouth and Weir River Watersheds (74)		
Cochato River	1985	dioxin, metals
Sylvan Lake	1992	pesticides, PCBs, metals, PAHs, dioxin
Lake Holbrook	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Sunset Lake	2009	Hg
Richardi Reservoir	2009	Hg, PCBs, organochlorine pesticides
Nashua River Watershed (81)		
Nashua River	1985	metals
South Meadow Pond	1986	metals, PCBs / organic scan
Wachusett Reservoir ⁴	1987	Hg
Pepperell Pond	1993	metals, PCBs, and organochlorine pesticides
Fitchburg Reservoir ²	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Lake Wampanoag ²	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Mirror Lake	1995	Ag, As, Ba, Cd, Cr, Hg, Ni, Pb, Se, Zn, PCBs, organochlorine pesticides

<u>WATERBODY</u>	<u>YEAR SAMPLED</u>	<u>ANALYSES</u>
Nashua River Watershed (81) (continued)		
Lake Whalom	1998	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Snow's Millpond	1998	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Fort Pond ²	1999	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Dickinson Reservoir (Hickory Hills P.) ²	1999	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Bare Hill Pond ²	1999	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
South Meadow Pond	2000	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Lake Wampanoag ²	2001, 02, 04, 06, 08, 10, 13	Hg
Bare Hill Pond ²	2004, 06, 07, 09, 11, 15	Hg
Lake Shirley	2008	Hg
Sandy Pond	2009	Hg
Sudbury, Assabet, and Concord River Watersheds (82)		
Lake Boon	1983	dioxin
Assabet River	1985	metals
Sudbury River	1985	metals
Hocomonco Pond	1985	PAHs
Sudbury/Concord Rivers	1986	metals
Heard Pond	1987	metals,PCBs/ organic scan
Sudbury River	1987	metals,PCBs / organic scan
Sudbury and Concord Rivers	1988	metals, PCB scan
Walden Pond	1989	metals, PCB scan
Whitehall Reservoir	1993	arsenic, mercury, lead, zinc
A-1 Site (Assabet River Reservoir)	1993	metals, PCBs, and organochlorine pesticides

WATERBODY	YEAR SAMPLED	ANALYSES
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Sudbury, Assabet, and Concord River Watersheds (82) (continued)

Lake Cochituate	1995	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Lake Boon	1996	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Whitehall Reservoir	1996	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Warners Pond	1997	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Assabet River	1997	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Nutting Lake	2000	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Hocomonco Pond	2001	As, Cd, Hg, Pb, Se, PCBs ¹ , organochlorine pesticides
Sudbury Reservoir	2001	As, Cd, Hg, Pb, Se, PCBs ¹ , organochlorine pesticides
Lowell Canals (and Concord River)	2004	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Fort Meadow Reservoir	2005	As, Cd, Hg, Pb, Se, PCBs ¹ , organochlorine pesticides
Ashland Reservoir	2007	Hg
Chauncy Lake	2007	Hg
Farrar Pond	2015	Hg

Shawsheen River Watershed (83)

Shawsheen River@ (Ballardvale Impoundment)	1995	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Ames Pond ²	1999	Hg
Pomps Pond ²	1999, 01, 04, 07, 09, 11	Hg
Round Pond	2000	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides

<u>WATERBODY</u>	<u>YEAR SAMPLED</u>	<u>ANALYSES</u>
Shawsheen River Watershed (83) (continued)		
Fosters Pond	2000	As, Cd, Hg, Pb, Se, PCBs organochlorine pesticides
Round Pond	2005	As, Cd, Hg, Pb, Se, PCBs ¹ organochlorine pesticides
Merrimack River Watershed (84)		
Flint Pond	1985	dioxin, metals
Merrimack River	1986	metals,PCBs / organic scan
Bailey Pond	1987	metals
Merrimack River (2 sites)	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Kenoza Lake	1998	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Chadwicks Pond ²	1999	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Crystal Lake ² (Haverhill)	1999	Hg
Forest Lake ²	1999	Hg
Haggets Pond ²	1999	Hg
Hoveys Pond ²	1999	Hg
Johnsons Pond ²	1999	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Lake Attitash ²	1999	Hg
Lake Cochichewick ²	1999	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Lake Pentucket ²	1999	Hg
Lake Saltonstall ²	1999	Hg
Long Pond ²	1999, 09, 13	Hg

<u>WATERBODY</u>	<u>YEAR SAMPLED</u>	<u>ANALYSES</u>
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Merrimack River Watershed (84) (continued)

Massapoag Pond ²	1999	Hg
Millvale Reservoir ²	1999	Hg
Newfield Pond ²	1999	Hg
Stevens Pond ² (N. Andover)	1999	Hg
Haggetts Pond ²	2003, 04, 05, 07, 09, 11, 15	Hg
Kenoza Lake ²	2001, 02, 04, 06, 08, 10, 12	Hg
Lake Cochichewick ²	2001, 02, 04, 06, 08, 10, 11	Hg
Lake Saltonstall ²	2003, 12	Hg
Lake Attitash ²	2004, 06, 08, 10, 13	Hg
Chadwicks Pond ²	2004, 06, 08, 10, 13	Hg
Lost Lake (Knops Pond)	2004	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Nabnasset Pond	2004	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Forge Pond	2004	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Lowell Canals (and Concord River)	2004	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Johnsons Pond ²	2004, 07, 09, 11	Hg
Massapoag Pond ²	2004, 06, 07, 09	Hg
Lake Pentucket ²	2009, 14	Hg
Millvale Reservoir ²	2009, 13	Hg
Newfield Pond ²	2009, 12	Hg
Stevens Pond ² (N. Andover)	2004, 09, 11, 15	Hg
Forest Lake	2013	Hg
Spicket River (Stevens Pond)	2015	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides

<u>WATERBODY</u>	<u>YEAR SAMPLED</u>	<u>ANALYSES</u>
Parker River Watershed (91)		
Pentucket Pond	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Rock Pond ²	1999	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Baldpate Pond ²	1999	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Baldpate Pond ²	2004, 06, 08, 10, 12	Hg
Rock Pond ²	2004, 05, 07, 09, 11, 13	Hg
Ipswich River Watershed (92)		
Ipswich River (Bostick)	1995	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Martin's Pond	1995	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Lowe Pond ²	1999	Hg
Towne Pond ²	1999	Hg
Ipswich River	2000	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Hood Pond	2000	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Lowe Pond ²	2004, 06, 08, 10, 13	Hg
Ipswich River	2005	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides ¹
Pleasant Pond	2010	Hg
North Shore Coastal Watershed (93)		
Chebacco Lake	1997	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Lake Quannapowitt	1998	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Reedy Meadow	2002	As, Cd, Hg, Pb, Se, PCBs ¹ , organochlorine pesticides

<u>WATERBODY</u>	<u>YEAR SAMPLED</u>	<u>ANALYSES</u>
North Shore Coastal Watershed (93) (continued)		
Flax Pond	2002	As, Cd, Hg, Pb, Se, PCBs ¹ , organochlorine pesticides
Silver Lake	2002	As, Cd, Hg, Pb, Se, PCBs ¹ , organochlorine pesticides
Foster Pond	2002	As, Cd, Hg, Pb, Se, PCBs ¹ , organochlorine pesticides
Chebacco Lake ²	2006, 08, 10, 14	Hg
Lake Quannapowitt	2007	As, Cd, Hg, Se, PCBs ¹ , organochlorine pesticides
South Shore Coastal Watershed (94)		
Billington Sea	1993	metals, PCBs, organochlorine pesticides
Factory Pond	1993	metals, PCBs organochlorine pesticides
Indian Head River	1995	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Forge Pond	1995	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Great Herring Pond	1996	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Indian Head River	1996	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Island Pond	1996	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Great South Pond	2001	As, Cd, Hg, Pb, Se, PCBs ¹ , organochlorine pesticides
Aaron River Reservoir	2001	As, Cd, Hg, Pb, Se, PCBs ¹ , organochlorine pesticides
North River	2002	As, Cd, Hg, Pb, Se, PCBs ¹ , organochlorine pesticides
Indian Head River	2005	As, Cd, Hg, Pb, Se, PCBs ¹ organochlorine pesticides

<u>WATERBODY</u>	<u>YEAR SAMPLED</u>	<u>ANALYSES</u>
Buzzards Bay Coastal Watershed (95)		
Paskamansett River	1988	metals, PCB scan
Copicut River	1988	metals, PCB scan
Wankinco River	1989	metals, PCB scan
Snipituit Pond	1995	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Glen Charlie Pond	1995	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Noquochoke Lake	2000	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
White Island Pond	2000	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Sampsons Pond	2005	As, Cd, Hg, Pb, Se, PCBs ¹ organochlorine pesticides
New Bedford Reservoir	2005	As, Cd, Hg, Pb, Se, PCBs ¹ organochlorine pesticides
Copicut Reservoir	2011	Hg
Cape Cod Coastal Watershed (96)		
Shubael Pond	1987	metals
Snake Pond ⁴	1992	mercury (total and methyl)
John's Pond	1992	chlorinated pesticides, organophosphorus pesticides, chlorinated herbicides, HPLC carbamates, Triazine herbicides, Diquat
Great Pond	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Lake Wequaquet	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Mashpee-Wakeby Pond	1994	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Ashumet Pond	1999	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides

<u>WATERBODY</u>	<u>YEAR SAMPLED</u>	<u>ANALYSES</u>
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Cape Cod Coastal Watershed (96) (continued)

Johns Pond	1999	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Lake Wequaquet ²	2001, 02, 04, 06, 08, 10, 11	Hg
Great Pond (Wellfleet)	2006	Hg
Ryder Pond	2006	Hg
Herring Pond (Wellfleet)	2006	Hg
Duck Pond	2006	Hg
Gull Pond	2006	Hg
Baker Pond ²	2007	Hg,
Pilgrim Lake	2007	Hg
Long Pond (Wellfleet)	2007	Hg
Oyster Pond ²	2007	Hg
Snows Pond	2007	Hg,
Great Pond (Truro)	2007	Hg
Crystal Lake (Orleans) ²	2007, 11, 14	Hg
Dyer Pond ²	2007, 11, 14	Hg
Slough Pond (Truro) ²	2007, 11, 14	Hg
Kinnacum Pond	2008	Hg
Spectacle Pond (Wellfleet)	2008	Hg
Round Pond (east) (Truro) ²	2008, 10, 13	Hg
Round Pond (west) (Truro)	2008	Hg
Horseleach Pond ²	2008, 10, 13	Hg
Spectacle Pond (Sandwich)	2009	Hg
Cliff Pond	2009	Hg
Lawrence Pond	2009	Hg

<u>WATERBODY</u>	<u>YEAR SAMPLED</u>	<u>ANALYSES</u>
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Cape Cod Coastal Watershed (96) (continued)

Peters Pond	2009	Hg
Long Pond	2009	Hg

Islands Coastal Watershed (97)

Gibbs Pond	1995	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Long Pond	1995	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Miacomet Pond	1995	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Long Cove Pond	1995	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Seth's Pond	1995	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Upper Lagoon Pond	1995	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Duarte Pond	2000	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Head of Hummock Pond	2000	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Washing Pond	2000	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides
Tom Nevers Pond	2000	As, Cd, Hg, Pb, Se, PCBs, organochlorine pesticides

¹ PCB Aroclors and Congeners (all other PCB references pertain to Aroclors only)

² ORS managed research project

³ with USFWS (whole fish)

⁴ Collection by MDFW, analysis by MDPH

⁵ Riverdale Impoundment (all data published in 1990)

⁶ Collection by MDFW