

STATE OF RHODE ISLAND
2002 303(d) LIST
LIST OF IMPAIRED WATERS
FINAL
March 2003

Rhode Island Department of Environmental Management
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Overview and Explanation

Clean Water Act Requirements

This list of impaired waters is developed by the Rhode Island Department of Environmental Management (DEM) in response to requirements of Section 303(d) of the federal Clean Water Act (CWA). The 303(d) list is part of a process laid out in the CWA which requires all states to do the following:

1. Establish water quality standards (WQS) (including Water Use Classification and class-specific water quality criteria) for the state's surface waters;
2. Monitor water quality conditions of the state's waters (i.e. lakes, ponds, rivers, streams, estuaries and other marine waters);
3. Identify and list impaired waters (that is those waters that do not meet WQS with existing required technology-based pollution controls alone) in the state's 303(d) list;
4. Set priority rankings (a schedule for development of total maximum daily loads (TMDLs)) for all impaired waters included on the 303(d) list;
5. Determine TMDLs that establish acceptable pollutant loads from both point and non point sources of pollution which allow the impaired waterbody to meet WQS - for each listed waterbody and each cause of impairment;
6. Submit the 303(d) list and all TMDLs to U.S. Environmental Protection Agency for approval; and
7. Incorporate TMDLs into the state's continuing planning process.

305(b) Assessment Process

In accordance with Section 305(b) of the CWA, states are required to survey their water quality for attainment of the fishable/swimmable goals of the Act, and to report the findings in the biennial "State of the State's Waters Report", also known as the 305(b) Report. The attainment of the CWA goals is measured by determining how well waters support their designated uses (defined as the most sensitive and therefore governing water uses which the class is intended to protect). For the purposes of the 305(b) report, five designated uses are evaluated: aquatic life, drinking water supply, shellfishing, fish consumption, and swimming. The State's WQS are then used to categorize waters as "fully", "partially", or "not" supporting specific designated uses. In the assessments, use support status is determined by comparing available water quality information to the water quality standards.

DEM utilizes water quality information available from a variety of sources including data collected by state, federal and local agencies; universities; and volunteer monitoring organizations. Most of the baseline monitoring consists of quarterly and seasonal sampling programs. Stations are assessed based on either biological data only, chemical data only or at some sites, both chemical and biological data.

Often, single monitoring stations are considered representative of the specified waterbody for a distance downstream where no significant influences exist that might tend to change water quality or biological and habitat quality. However, waters that have not actually been assessed (evaluated or monitored) for more than 10 years are now reported in the state's 305(b) report as unassessed. This will provide a more accurate representation of the waters in the state for which we have data and the areas where monitoring is needed.

There are specific criteria for determining attainment of the individual designated uses. The protocol used for the determination of use support in Rhode Island's surface waters generally follows the EPA 1998 305(b) assessment guidance entitled *Guidelines for Preparation of Comprehensive State Water Quality Assessments (305(b) Report) and Electronic Update*, September 1997. A more detailed description of the assessment protocol followed by DEM is provided in Chapter III.C. of the 2002 305(b) report.

303(d) List Overview

The 2002 303(d) list identifies waterbodies within the State, which may not currently meet Rhode Island Water Quality Standards. This list has been compiled by DEM's Office of Water Resources (OWR) and is based upon the recently completed comprehensive assessment of water quality conditions, described above.

The 303(d) list identifies impaired waterbodies and a scheduled time frame for development of TMDLs. As such, the 303(d) list is used to help prioritize the State's water quality monitoring and restoration planning activities. It is important to note that the scheduling is not representative of the severity of water quality impacts, but rather reflects the priority given for TMDL development with consideration to shellfishing waters, drinking water supplies and other areas identified by the public as high priority areas.

The following five (5) groups, developed for use in the 1998 303(d) list, are utilized in the 2002 303(d) list to describe the appropriate place in the TMDL process for each waterbody:

Group 1 - (TMDL Underway) - These waters are not meeting Rhode Island Water Quality Standards and TMDL development is currently underway.

Group 2 - (TMDL Planned) - These waters are not meeting Rhode Island Water Quality Standards and TMDL development is planned for the future.

Group 3 - (Dissolved Metals Data Needed) - Monitoring data for metals for these waters show violations of criteria however, all data is expressed as total metals. Based on 1997 amendments to Rhode Island's WQS, metals criteria are now expressed as dissolved. Therefore, it is not known whether these waters have metal violations based on dissolved criteria. Additional sampling is required to make this assessment.

Group 4 - (Insufficient Data Available) - Assessments were made based on insufficient data and/or data that is old. Therefore, these waters need further monitoring to determine if there are WQS violations.

Group 5 - (TMDL or Equivalent Control Action Developed) - A TMDL, or a control action functionally equivalent to a TMDL, has been developed for these waterbodies. Implementation is underway which will result in attainment of the standards. However, the standards will not be met within the next two years. For control actions functionally equivalent to a TMDL, a determination must be made that the identified impairment is caused by the source(s) to be controlled; examples of "functionally equivalent" control actions include RIPDES permits requiring advanced treatment at wastewater treatment facilities and "Records of Decision" at hazardous waste sites.

Each waterbody or segment is assigned a waterbody identification number for purposes of tracking - for example, to assist with water quality assessments, mapping, reporting, or ultimately, trend analysis. The waterbodies are organized according to Rhode Island's ten major drainage basins.

Since some waterbodies may be listed in more than one group, an index is included which records each waterbody that is on the list, the cause of impairment for the waterbody and the associated group(s). In addition, a table of the summary of changes from the 2000 303(d) list and TMDL development schedule by watershed is included.

TMDL Process Overview

The goal of DEM's TMDL program is to develop and implement plans aimed at restoring impaired waterbodies to an acceptable condition that meets water quality standards and supports their designated uses (e.g., fishable and swimmable). There are several steps in the development process that are common to most TMDL projects. These are described below:

- Identify the impaired waterbodies and parameters not meeting water quality standards.
- Assemble and review available information on the waterbody and its watershed.
- Identify stakeholders interested in the restoration of the waterbody.
- Identify data shortcomings that need to be addressed.
- If needed, develop and implement a supplemental monitoring plan to collect additional data to characterize water quality.
- Calculate current point and nonpoint source pollutant loads.
- Estimate the amount of a given pollutant that the waterbody can receive and still meet water quality standards (i.e., the total maximum daily load). A water quality model, based on either computer simulations or empirical equations, may be developed to carry out this task. For bacteria TMDLs, a concentration -based approach may be

applied whereby a percentage reduction in fecal coliform concentrations is determined to represent necessary pollutant reductions.

- Allocate allowable loads between point and non-point sources, and a margin of safety.
- Develop an implementation plan which identifies, where possible, the specific actions necessary to achieve the required pollutant reductions needed to meet allocations set by the TMDL.
- Solicit and respond to formal public comments.
- Submit the draft TMDL to EPA for formal approval.

The TMDL analysis examines point sources, such as industrial and wastewater treatment facility discharges and stormwater outfalls, as well as nonpoint sources, such as septic systems and unchannelized runoff from agricultural and urbanized areas. Natural background levels are also included in the analysis, along with a margin of safety to account for any modeling or monitoring uncertainties. TMDLs identify water quality goals, necessary pollutant reductions, sources, and implementation plans to achieve the required reductions.

Public Participation in the TMDL Process

Public participation is vital to making the TMDL process a success. Wherever possible, DEM utilizes a "watershed approach" in developing TMDLs - evaluating watersheds as a whole, and partnering with local officials and environmental organizations to identify problem areas, collect relevant water quality data, and identify potential pollution sources and solutions. As such, in the initial stages of developing the TMDL, stakeholders can play an important role by contributing both water quality data and their in-depth local knowledge of the watershed. This information helps DEM to better characterize conditions in the waterbody and more easily identify pollution sources in the watershed.

DEM seeks input from stakeholders at key points in the TMDL development process. A public meeting is typically held at the beginning of the project to inform local officials, environmental groups, business people, property owners and other interested individuals of DEM's efforts to initiate the TMDL and to solicit their input. At the midpoint of the process, typically after supplemental water quality monitoring has been completed, another meeting is usually held to discuss the monitoring results and to identify potential pollution sources and possible solutions. If an extensive water quality model is to be utilized, another meeting, or series of meetings, may be held to discuss the development of the model with key interested parties. Finally, once a final draft of the TMDL document has been prepared, a public meeting is held, in conjunction with the formal 30-day public comment period, to present the TMDL report and to seek public input on the report's findings and implementation plan.

Broad Observations on the 2002 303(d) list

The 303(d) list reflects the dynamic process of water quality monitoring and restoration planning. Deletions from and additions to the list will occur as new monitoring data become available - reflecting whether water quality standards have or have not been met. Other waters will be dropped from the list as water quality restoration plans are implemented, and water quality improvements made. DEM has utilized the same general groupings and format in the 2002 303(d) list as was used in the 1998 and 2000 303(d) lists. The following broad observations about the 2002 303(d) list are offered to assist readers in understanding the changes from the 2000 list:

- Several waterbodies have been moved from Group 1 (TMDLs Underway) to Group 5 (TMDL or equivalent control action developed). This reflects progress made in developing TMDLs and/or other pollution controls, such as, RIPDES permits and Records of Decision for hazardous waste sites. Waterbodies moved to Group 5 include Narrow River and its tributaries, Gilbert Stuart and Crooked Brooks, Palmer River (pathogen impairments), and Mt Hope Bay (thermal and biodiversity impairments).
- Other waterbodies have been added to Group 1 indicating the additional waterbodies where TMDL development is underway. Waterbodies moved to Group 1 include: Pt. Judith Pond, Saugatucket River (tidal portion), Sands Pond (Block Island), Bissel Cove, Pawcatuck River (tidal portion), Little Narragansett Bay, Yawgoo Pond, Barber Pond, and Chickasheen Brook.
- Other waterbodies were moved from Groups 3 (Dissolved metals data needed) and 4 (Insufficient Data available) to Group 2 (TMDL planned), or were de-listed for certain parameters. These changes are due to the new data collected in 1999-2001. The new data confirmed that some Group 3 and 4 waterbodies were impaired and that others met standards and should be de-listed.
- New data have also indicated a number of new impairments - both for waterbodies not previously identified as impaired and for those previously listed for another parameter.
- Eight waterbody segments are proposed for de-listing, as follows:
 - New data confirm that standards are being met for dissolved lead on Bailey's Brook; for dissolved copper on Jamestown Brook and for pathogens on Burnt Swamp Brook and Catamint Brook.
 - A portion of Mt. Hope Bay (in the Closed Shellfish Safety Zone) was improperly placed on the list as the area meets water quality standards but is permanently closed to shellfishing as a safety closure.
 - Moshassuck River is listed for TSS - a parameter for which no standard exists, and thus is proposed to be de-listed. To note, a review of ambient TSS data collected statewide indicates that TSS concentrations in the Moshassuck River are within average levels observed statewide.
- The overall TMDL development schedule has been shifted outward by two years. More specifically, waterbodies formerly scheduled for TMDL completion in 2003 - 2005 have been shifted to 2005 - 2007, those in 2005 - 2010 to 2008 - 2012, and those in 2010+ to 2012 +.

- In addition to the changes described previously, the schedule for TMDL completion for a number of waterbodies has changed including the following:
 - For the Ten Mile River listings, shifts in scheduling from 2003-2005 to 2008 - 2012 reflect delays in projected start dates of the TMDL development project, resulting from staff and budget cuts.
 - Waterbodies listed for biodiversity impairments due to flow have been shifted to the 2012+ time frame for TMDL development reflecting DEM's position that these issues are most effectively addressed through the state's water resource management efforts (Rhode Island Water Resources Board's Water Allocation Program), rather than the TMDL program.
 - Waterbodies listed for mercury impairments have been moved to the 2012+ time frame for TMDL development. These impairments are believed to be largely resulting from atmospheric deposition of mercury; and are most effectively addressed through regional efforts rather than waterbody specific TMDLs.

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Waterbody ID	Waterbody Name	Cause	Group
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BLACKSTONE RIVER BASIN

RI0001002L-09	Slatersville Reservoir	Copper (Cu), Lead (Pb)	Group 2
		PATHOGENS, Phosphorus	Group 4
RI0001002R-01B	Branch River	BIODIVERSITY IMPACTS, Lead (Pb), PATHOGENS	Group 2
RI0001002R-05D	Clear River	Copper (Cu), Lead (Pb), BIODIVERSITY IMPACTS, Cadmium (Cd)	Group 2
RI0001002R-13B	Tarkiln Brook	BIODIVERSITY IMPACTS	Group 5
RI0001003L-01	Scott Pond	LOW DO, EXCESS ALGAL GROWTH/CHL-A, Phosphorus	Group 2
RI0001003L-02	Valley Falls Pond	BIODIVERSITY IMPACTS, Lead (Pb), PATHOGENS, EXCESS ALGAL GROWTH/CHL-A, LOW DO, Phosphorus	Group 1
RI0001003R-01A	Blackstone River	Copper (Cu), PATHOGENS, BIODIVERSITY IMPACTS, Lead (Pb)	Group 1
		AMMONIA (UNIONIZED), NUTRIENTS, LOW DO	Group 5
RI0001003R-01B	Blackstone River	Lead (Pb), PATHOGENS, Copper (Cu), BIODIVERSITY IMPACTS	Group 1
		AMMONIA (UNIONIZED), NUTRIENTS, LOW DO	Group 5
RI0001003R-03	Mill River	Lead (Pb)	Group 1
RI0001003R-04	Peters River	Copper (Cu), Lead (Pb), PATHOGENS	Group 1
RI0001006L-04	Robin Hollow Pond	Total Coliform	Group 2
RI0001006R-01	Abbott Run Brook	Cadmium (Cd), Lead (Pb), BIODIVERSITY IMPACTS	Group 2
RI0001006R-02	Long Brook	PATHOGENS	Group 2
RI0001006R-03	East Sneece Brook	PATHOGENS	Group 2
RI0001006R-04	Ash Swamp Brook	PATHOGENS	Group 2

COASTAL WATERS

RI0010031E-01A	Sakonnet River	PATHOGENS	Group 1
RI0010031E-03B	The Cove, Island Park	PATHOGENS	Group 1
RI0010043E-02	Greenhill Pond	PATHOGENS	Group 1
		LOW DO	Group 2
RI0010043E-04B	Ninigret Pond	PATHOGENS	Group 1
RI0010043E-06C	Point Judith Pond	PATHOGENS	Group 1
RI0010043E-06D	Point Judith Pond	PATHOGENS	Group 1
RI0010043E-06H	Point Judith Pond	PATHOGENS	Group 1
RI0010043E-06K	Point Judith Pond	PATHOGENS	Group 1
RI0010043R-02	Factory Pond Stream	PATHOGENS	Group 1
RI0010043R-04	Teal Pond Stream	PATHOGENS	Group 1
RI0010044E-01A	Pettaquamscutt River	PATHOGENS	Group 5
RI0010044E-01B	Pettaquamscutt River	PATHOGENS	Group 5
RI0010044R-01	Gilbert Stuart Stream	PATHOGENS	Group 5
RI0010044R-03	Crooked Brook	PATHOGENS	Group 5
RI0010045L-01	Saugatucket Pond	NOXIOUS AQ. PLANTS native, Phosphorus	Group 1
		BIODIVERSITY IMPACTS	Group 5

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Waterbody ID	Waterbody Name	Cause	Group
COASTAL WATERS (continued)			
RI0010045R-02	Indian Run Brook	Copper (Cu), Lead (Pb), Zinc (Zn), PATHOGENS	Group 1
RI0010045R-03A	Mitchell Brook	PATHOGENS	Group 1
RI0010045R-03B	Mitchell Brook	PATHOGENS	Group 1
		BIODIVERSITY IMPACTS, Iron (Fe)	Group 5
RI0010045R-04	Rocky Brook	PATHOGENS	Group 1
RI0010045R-05B	Saugatucket River	PATHOGENS	Group 1
		BIODIVERSITY IMPACTS, Iron (Fe)	Group 5
RI0010045R-05C	Saugatucket River	PATHOGENS	Group 1
RI0010046L-01	Sands Pond	TURBIDITY, EXCESS ALGAL GROWTH/CHL-A, TASTE AND ODOR, Phosphorus	Group 1
MOSHASSUCK RIVER BASIN			
RI0003008L-02	Barney Pond	Phosphorus	Group 2
RI0003008R-01B	Moshassuck River	PATHOGENS	Group 5
RI0003008R-03B	West River	PATHOGENS	Group 2
RI0003008R-03C	West River	PATHOGENS	Group 5
NARRAGANSETT RIVER BASIN			
RI0007019E-01	Seekonk River	NUTRIENTS, LOW DO, EXCESS ALGAL GROWTH/CHL-A	Group 1
		PATHOGENS	Group 5
RI0007020E-01A	Providence River	EXCESS ALGAL GROWTH/CHL-A, LOW DO, NUTRIENTS	Group 1
		METALS	Group 3
		PATHOGENS	Group 5
RI0007020E-01B	Providence River	LOW DO, NUTRIENTS	Group 1
		METALS	Group 3
		PATHOGENS	Group 5
RI0007020L-02	Brickyard Pond	LOW DO	Group 2
RI0007020L-06	Prince's Pond (Tiffany Pond)	LOW DO, Phosphorus, EXCESS ALGAL GROWTH/CHL-A	Group 2
RI0007021E-01A	Barrington River	PATHOGENS	Group 5
RI0007021R-01	Runnins River	Lead (Pb), LOW DO, BIODIVERSITY IMPACTS	Group 2
		PATHOGENS	Group 5
RI0007022E-01A	Palmer River	LOW DO, NUTRIENTS	Group 1
		PATHOGENS	Group 5
RI0007024E-01	Upper Narragansett Bay	LOW DO, NUTRIENTS	Group 2
		PATHOGENS	Group 5
RI0007024E-02	Old Mill Creek	PATHOGENS	Group 2
RI0007024L-01	Sandy Pond (S. of Airport) (Little Pond)	PATHOGENS	Group 2
RI0007024L-02	Warwick Pond	EXCESS ALGAL GROWTH/CHL-A, LOW DO, Phosphorus	Group 2
RI0007024R-01	Buckeye Brook	BIODIVERSITY IMPACTS	Group 2

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Waterbody ID	Waterbody Name	Cause	Group
NARRAGANSETT RIVER BASIN (continued)			
RI0007025E -01	Apponaug Cove	NUTRIENTS, LOW DO, EXCESS ALGAL GROWTH/CHL-A	Group 1
RI0007025E -02	Brushneck Cove	NUTRIENTS, LOW DO, PATHOGENS	Group 1
RI0007025E -03	Buttonwoods Cove	NUTRIENTS, LOW DO, PATHOGENS	Group 1
RI0007025E -04A	Greenwich Bay	NUTRIENTS, LOW DO, PATHOGENS	Group 1
RI0007025E -04B	Greenwich Bay	NUTRIENTS, LOW DO, PATHOGENS	Group 1
RI0007025E -05A	Greenwich Cove	LOW DO, NUTRIENTS	Group 1
RI0007025E -05B	Greenwich Cove	LOW DO, NUTRIENTS	Group 1
RI0007025E -06A	Warwick Cove	LOW DO, NUTRIENTS	Group 1
RI0007025E -06B	Warwick Cove	NUTRIENTS, LOW DO, PATHOGENS	Group 1
RI0007025L-01	Gorton Pond	EXCESS ALGAL GROWTH/CHL-A, LOW DO, Phosphorus	Group 2
RI0007025R-01	Hardig Brook	PATHOGENS	Group 1
		Lead (Pb), BIODIVERSITY IMPACTS	Group 2
RI0007025R-03	Maskerchugg River	Lead (Pb), Cadmium (Cd), Copper (Cu)	Group 2
RI0007025R-05	Tuscatucket Brook	PATHOGENS	Group 1
RI0007025R-06	Baker Creek	PATHOGENS	Group 2
RI0007026R-01	Silver Creek	BIODIVERSITY IMPACTS	Group 2
RI0007027E -01A	Allen's Harbor	TOTAL TOXICS	Group 5
RI0007027E -02A	Bissel Cove	PATHOGENS	Group 1
RI0007027E -04B	Wickford Harbor	LOW DO	Group 2
RI0007027L-02	Belleville Ponds	Phosphorus	Group 2
RI0007028R-01	Frenchtown Brook	PATHOGENS	Group 2
RI0007028R-02	Fry Brook	PATHOGENS	Group 5
RI0007028R-03A	Hunt River	PATHOGENS	Group 5
RI0007028R-03B	Hunt River	PATHOGENS	Group 5
RI0007028R-05	Sandhill Brook	PATHOGENS	Group 2
RI0007028R-06	Scrabbletown Brook	PATHOGENS	Group 5
RI0007028R-07	Pierce Brook	PATHOGENS	Group 2
RI0007029E -01C	East Passage	UNKNOWN TOXICITY	Group 5
RI0007029E -03	Potter Cove	LOW DO	Group 2
RI0007030E -01A	Newport Harbor/Coddington Cove	BIODIVERSITY IMPACTS, TOTAL TOXICS	Group 2
RI0007030E -01D	Newport Harbor/Coddington Cove	BIODIVERSITY IMPACTS, TOTAL TOXICS	Group 2
RI0007032E -01A	Mt. Hope Bay	LOW DO, NUTRIENTS	Group 2
		BIODIVERSITY IMPACTS, THERMAL MODIFICATIONS	Group 5
RI0007032E -01B	Mt. Hope Bay	PATHOGENS, LOW DO, NUTRIENTS	Group 2
		BIODIVERSITY IMPACTS, THERMAL MODIFICATIONS	Group 5
RI0007032E -01C	Mt. Hope Bay	NUTRIENTS, LOW DO	Group 2
		BIODIVERSITY IMPACTS, THERMAL MODIFICATIONS, PATHOGENS	Group 5

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Waterbody ID	Waterbody Name	Cause	Group
NARRAGANSETT RIVER BASIN (continued)			
RI0007032E-01D	Mt. Hope Bay	NUTRIENTS, LOW DO	Group 2
		BIODIVERSITY IMPACTS, THERMAL MODIFICATIONS, PATHOGENS	Group 5
RI0007033E-01A	Kickamuit River	PATHOGENS	Group 2
RI0007033E-01B	Kickamuit River	PATHOGENS	Group 2
RI0007033E-01C	Kickamuit River	PATHOGENS	Group 2
RI0007034L-01	Kickemuit Reservoir (Warren Reservoir)	EXCESS ALGAL GROWTH/CHL-A, Phosphorus, PATHOGENS, TURBIDITY, TASTE AND ODOR	Group 1
RI0007034R-01	Upper Kickemuit River	PATHOGENS	Group 1
		BIODIVERSITY IMPACTS	Group 2
RI0007035L-01	Gardiner Pond	BIODIVERSITY IMPACTS	Group 4
RI0007035L-02	Nelson Paradise Pond	BIODIVERSITY IMPACTS	Group 4
RI0007035L-03	North Easton Pond (Green End Pond)	BIODIVERSITY IMPACTS, EXCESS ALGAL GROWTH/CHL-A	Group 4
RI0007035L-05	Saint Mary's Pond	BIODIVERSITY IMPACTS	Group 4
RI0007035L-06	Lawton Valley Reservoir	BIODIVERSITY IMPACTS	Group 4
RI0007035L-10	Sisson Pond	BIODIVERSITY IMPACTS	Group 4
RI0007035R-01	Bailey's Brook	BIODIVERSITY IMPACTS	Group 2
RI0007035R-02A	Maidford River	BIODIVERSITY IMPACTS	Group 2
RI0007035R-02B	Maidford River	BIODIVERSITY IMPACTS, PATHOGENS	Group 2
RI0007035R-03	Paradise Brook	PATHOGENS	Group 2
RI0007035R-04	Lawton Brook	BIODIVERSITY IMPACTS	Group 2
RI0007036R-01	Jamestown Brook	PATHOGENS, BIODIVERSITY IMPACTS, Iron (Fe), Lead (Pb)	Group 2
RI0007037L-01	Stafford Pond	EXCESS ALGAL GROWTH/CHL-A, LOW DO, NUTRIENTS	Group 5

PAWCATUCK RIVER BASIN

RI0008038E-01A	Tidal Pawcatuck River	LOW DO, PATHOGENS	Group 1
RI0008038E-01B	Tidal Pawcatuck River	PATHOGENS	Group 1
RI0008038E-02A	Little Narragansett Bay	PATHOGENS	Group 1
RI0008038E-02B	Little Narragansett Bay	PATHOGENS	Group 1
RI0008039L-01	Chapman Pond	Lead (Pb), NOXIOUS AQ. PLANTS native	Group 2
RI0008039L-05	Meadowbrook Pond (Sandy Pond)	Mercury (Hg)	Group 2
RI0008039L-13	Hundred Acre Pond	NOXIOUS AQ. PLANTS native, LOW DO, EXCESS ALGAL GROWTH/CHL-A	Group 2
RI0008039L-14	Barber Pond	LOW DO	Group 1
RI0008039L-15	Yawgoo Pond	EXCESS ALGAL GROWTH/CHL-A, LOW DO, Phosphorus	Group 1
RI0008039R-02A	Ashaway River	Lead (Pb), Cadmium (Cd)	Group 2
RI0008039R-05A	Chickasheen Brook	NOXIOUS AQUATIC PLANTS native, Phosphorus	Group 1
RI0008039R-06B	Chipuxet River	BIODIVERSITY IMPACTS, Cadmium (Cd), Lead (Pb)	Group 2

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Waterbody ID	Waterbody Name	Cause	Group
PAWCATUCK RIVER BASIN (continued)			
RI0008039R-18B	Pawcatuck River	UNKNOWN TOXICITY	Group 2
RI0008039R-18D	Pawcatuck River	BIODIVERSITY IMPACTS	Group 2
RI0008040L-06	Wincheck Pond	Mercury (Hg)	Group 2
RI0008040L-07	Yawgoog Pond	Mercury (Hg)	Group 2
RI0008040L-12	Deep Pond (Exeter)	Phosphorus, LOW DO	Group 2
RI0008040R-04B	Canonchet Brook	Cadmium (Cd), Lead (Pb), PATHOGENS, BIODIVERSITY IMPACTS	Group 2
RI0008040R-16D	Wood River	UNKNOWN TOXICITY, BIODIVERSITY IMPACTS	Group 4

PAWTUXET RIVER BASIN

RI0006013L-04	Quidnick Reservoir	Mercury (Hg)	Group 2
RI0006014L-04	Upper Dam Pond	Phosphorus	Group 2
RI0006014R-04B	Pawtuxet River South Branch	Lead (Pb)	Group 2
		Cadmium (Cd)	Group 3
RI0006015R-16	Moswansicut Stream	PATHOGENS	Group 2
RI0006016R-06B	Pawtuxet River North Branch	Lead (Pb)	Group 2
		Cadmium (Cd)	Group 3
RI0006017L-02	Three Ponds	Copper (Cu), Lead (Pb), Phosphorus, LOW DO	Group 2
		PATHOGENS	Group 4
RI0006017L-05	Roger Williams Park Ponds	PATHOGENS, LOW DO, EXCESS ALGAL GROWTH/CHL-A, Phosphorus	Group 2
RI0006017L-06	Mashapaug Pond	Phosphorus, LOW DO, EXCESS ALGAL GROWTH/CHL-A, PATHOGENS	Group 1
RI0006017L-07	Spectacle Pond	Phosphorus, EXCESS ALGAL GROWTH/CHL-A	Group 2
RI0006017L-09	Sand Pond (N. of Airport)	Phosphorus, LOW DO	Group 2
RI0006017R-02	Meshanticut Brook	Lead (Pb), Copper (Cu)	Group 3
RI0006017R-03	Pawtuxet River Main Stem	LOW DO, BIODIVERSITY IMPACTS, Lead (Pb), NUTRIENTS	Group 5
RI0006017R-04	Three Pond Brook	Lead (Pb)	Group 2
RI0006018L-03	Simmons Reservoir	Phosphorus, SILTATION, EXCESS ALGAL GROWTH/CHL-A, TURBIDITY	Group 2
RI0006018L-05	Print Works Pond	Lead (Pb)	Group 2
		PATHOGENS, CHLORIDES, SUSPENDED SOLIDS	Group 4
RI0006018R-01	Cedar Swamp Brook	PATHOGENS, LOW DO, Iron (Fe)	Group 2
RI0006018R-03	Pocasset River	Lead (Pb), PATHOGENS	Group 2
RI0006018R-04	Simmons Brook	PATHOGENS	Group 4

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Waterbody ID	Waterbody Name	Cause	Group
TEN MILE RIVER BASIN			
RI0004009L-01A	Turner Reservoir	LOW DO, Phosphorus, Lead (Pb), Copper (Cu)	Group 2
		PATHOGENS	Group 4
RI0004009L-01B	Turner Reservoir	LOW DO, Phosphorus, Lead (Pb), Copper (Cu)	Group 2
		PATHOGENS	Group 4
RI0004009L-02	Slater Park Pond	EXCESS ALGAL GROWTH/CHL-A, Phosphorus, PATHOGENS	Group 2
RI0004009L-03	Omega Pond	Phosphorus, Lead (Pb), Copper (Cu)	Group 2
RI0004009R-01A	Ten Mile River	Lead (Pb), Copper (Cu), Cadmium (Cd)	Group 2
RI0004009R-01B	Ten Mile River	BIODIVERSITY IMPACTS, Copper (Cu), Lead (Pb)	Group 2

THAMES RIVER BASIN

RI0005047L-03	Bowdish Reservoir	EXOTIC SPECIES	Group 2
RI0005047R-02	Keach Brook	BIODIVERSITY IMPACTS, Cadmium (Cd), Lead (Pb)	Group 2

WOONASQUATUCKET RIVER BASIN

RI0002007L-06	Lower Sprague Reservoir	Phosphorus, EXCESS ALGAL GROWTH/CHL-A	Group 2
RI0002007R-05	Latham Brook	BIODIVERSITY IMPACTS, UNKNOWN TOXICITY	Group 5
RI0002007R-10B	Woonasquatucket River	Copper (Cu), Lead (Pb), PATHOGENS, Cadmium (Cd)	Group 1
		Mercury (Hg)	Group 2
RI0002007R-10C	Woonasquatucket River	Cadmium (Cd), PATHOGENS, Lead (Pb), Copper (Cu)	Group 1
		Mercury (Hg), PCBs, DIOXINS	Group 2
		EXCESS ALGAL GROWTH/CHL-A, LOW DO	Group 5
RI0002007R-10D	Woonasquatucket River	Cadmium (Cd), Copper (Cu), Lead (Pb)	Group 1
		DIOXINS, PCBs, BIODIVERSITY IMPACTS, Mercury (Hg),	Group 2
		PATHOGENS	Group 5
RI0002007R-11	Nine Foot Brook	BIODIVERSITY IMPACTS	Group 2

FINAL 2002 303(d) List

Group 1

These waters are not meeting Rhode Island Water Quality Standards and TMDL development is currently underway.

Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Calendar Year Target for TMDL	Target for TMDL Comment
Blackstone River Basin						
RI0001003L-02	Valley Falls Pond. Cumberland	37.969 A	B1	BIODIVERSITY IMPACTS EXCESS ALGAL GROWTH/CHL-A Lead (Pb) LOW DO PATHOGENS Phosphorus	2005 2007	
RI0001003R-01A	Blackstone River from the MA-RI border to the CSO outfall located at River and Samoset Streets in Central Falls. Woonsocket, North Smithfield, Cumberland, Lincoln and Central Falls.	14.968 M	B1	BIODIVERSITY IMPACTS Copper (Cu) Lead (Pb) PATHOGENS	2005 2007	
RI0001003R-01B	Blackstone River from the CSO outfall located at River and Samoset streets in Central Falls to the Slater Mill Dam. Central Falls, Pawtucket.	1.6389 M	B1{a}	BIODIVERSITY IMPACTS Copper (Cu) Lead (Pb) PATHOGENS	2005 2007	
RI0001003R-03	Mill River. Woonsocket	0.9176 M	B	Lead (Pb)	2005 2007	
RI0001003R-04	Peters River. Woonsocket	0.7826 M	B	Copper (Cu) Lead (Pb) PATHOGENS	2005 2007	

Group 1

These waters are not meeting Rhode Island Water Quality Standards and TMDL development is currently underway.

Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Calendar Year Target for TMDL		Target for TMDL Comment
Coastal Waters							
RI0010031E-01A	<i>Sakonnet River waters in the vicinity of Portsmouth Park north of a line extending from the southwesternmost corner of the Stone Bridge in Tiverton to the easternmost extension of Morningside Lane in Portsmouth. Portsmouth, Tiverton</i>	0.281 S	SA	PATHOGENS	2002	2004	
RI0010031E-03B	<i>The Cove, Island Park south of a line from the southern end of Hummock Point to the RIDEM Range marker located at the eastern extremity of a point of land on the western shore of The Cove. Portsmouth</i>	0.171 S	SA	PATHOGENS	2002	2004	
RI0010043E-02	<i>Green Hill Pond. South Kingstown</i>	0.6569 S	SA	PATHOGENS	2002	2004	
RI0010043E-04B	<i>Ninigret Pond waters, including Tockwotten Cove, east of a line from the DEM Range markers located on the shore directly eastward of pole number 16-1 at the end of Starrett Drive, to the DEM Range marker located at the end of Florence Avenue, and west of the breachway entrance to Green Hill Pond. Charlestown</i>	0.1581 S	SA	PATHOGENS	2002	2004	
RI0010043E-06C	<i>Upper Point Judith Pond, south of Can Buoy 33 and north and east of a line from Butonwood Point to the southern extremity of Cummock Island, to the flagpole at the northwest extremity of Betty Hull Point excluding the marina area described in RI0010043E-06D below. Narragansett, South Kingstown</i>	0.294 S	SA	PATHOGENS	2005	2007	

Group 1

These waters are not meeting Rhode Island Water Quality Standards and TMDL development is currently underway.

Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Calendar Year Target for TMDL	Target for TMDL Comment
RI0010043E-06D	<i>Point Judith Pond waters in the vicinity of Billington Cove Marina as shown on the plan entitled "Billington Cove Marina: Marina Perimeter Plan", dated August 1994 by Coastal Engineering Group, Inc., east of a line from the western edge of the rip-rap retaining wall, 221 feet seaward, and west of a line from the flagpole, 280 feet seaward, and north of the line that connects these two lines. South Kingstown</i>	0.0087 S	SA{b}	PATHOGENS	2005 2007	
RI0010043E-06H	<i>Point Judith Pond waters in the channel to Potter Pond east of a line across the western end of the Potter Pond entrance channel located approximately 500 feet west of Succotash Road and west of a line from a point of land on the northern shore of the channel approximately 700 feet east of Succotash Road to a point of land on the southern shore of the channel, exclusive of the waters noted below. South Kingstown</i>	0.008 S	SA	PATHOGENS	2005 2007	
RI0010043E-06K	<i>Point Judith Pond waters in the vicinity of Champlin's Cove, north of a line from the westernmost extension of Delray Drive to the easternmost extension of Flintstone Road, located on Harbor Island. Narragansett</i>	0.02 S	SA	PATHOGENS	2005 2007	
RI0010043R-02	<i>Factory Pond Stream. South Kingstown</i>	1.0288 M	A	PATHOGENS	2002 2004	
RI0010043R-04	<i>Teal Pond Stream. South Kingstown</i>	0.3898 M	A	PATHOGENS	2002 2004	
RI0010045L-01	<i>Saugatucket Pond. South Kingstown</i>	40.684 A	B	NOXIOUS AQ. PLANTS native Phosphorus	2002 2004	

Group 1

These waters are not meeting Rhode Island Water Quality Standards and TMDL development is currently underway.

Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Calendar Year Target for TMDL		Target for TMDL Comment
RI0010045R-02	<i>Indian Run Brook. South Kingstown</i>	3.3123 M	B	Copper (Cu) Lead (Pb) PATHOGENS Zinc (Zn)	2002	2004	
RI0010045R-03A	<i>Mitchell Brook headwaters to the Rose Hill Landfill property. South Kingstown</i>	1.6448 M	B	PATHOGENS	2002	2004	
RI0010045R-03B	<i>Mitchell Brook from the Rose Hill Landfill to the confluence with the Saugatucket River. South Kingstown</i>	0.6794 M	B	PATHOGENS	2002	2004	
RI0010045R-04	<i>Rocky Brook. South Kingstown</i>	0.8251 M	B	PATHOGENS	2002	2004	
RI0010045R-05B	<i>Saugatucket River from the Rose Hill Landfill property to the dam at Main Street in Wakefield. South Kingstown</i>	2.2851 M	B	PATHOGENS	2002	2004	
RI0010045R-05C	<i>Saugatucket River from the Main Street Dam in Wakefield to the Route 1 overpass. South Kingstown</i>	0.2357 M	SB	PATHOGENS	2005	2007	
RI0010046L-01	<i>Sands Pond. New Shoreham</i>	12.729 A	A	EXCESS ALGAL GROWTH/CHL-A Phosphorus TASTE AND ODOR TURBIDITY	2002	2004	

Group 1

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Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Calendar Year Target for TMDL	Target for TMDL Comment
Narragansett Basin						
RI0007019E-01	<i>Seekonk River from the Slater Mill Dam at Main Street in Pawtucket to India Point in Providence. Pawtucket, Providence</i>	1.0145 S	SB1{a}	EXCESS ALGAL GROWTH/CHL-A LOW DO NUTRIENTS	2002 2004	
RI0007020E-01A	<i>Providence River south of a line from a point on shore due east of Naushon Avenue in Warwick to the western terminus of Beach Road in East Providence and north of a line from Conimicut Point in Warwick to Old Tower at Nayatt Point in Barrington. East Providence, Warwick, Barrington</i>	4.73 S	SB{a}	EXCESS ALGAL GROWTH/CHL-A LOW DO NUTRIENTS	2002 2004	
RI0007020E-01B	<i>Providence River from its confluence with the Moshassuck and Woonasquatucket Rivers in Providence south and south of a line from India Point to Bold Point (across the mouth of the Seekonk River), to a line extending from a point on shore due east of Naushon Avenue in Warwick to the western terminus of Beach Road in East Providence, including Watchemoket Cove. East Providence, Providence, Cranston and Warwick</i>	3.61 S	SB1{a}	LOW DO NUTRIENTS	2002 2004	
RI0007022E-01A	<i>Palmer River from the MA-RI border to the East Bay Bike Path trestle in Warren, approximately 2500 feet north of the confluence with the Barrington River. Warren, Barrington</i>	0.7329 S	SA	LOW DO NUTRIENTS	2002 2004	

Group 1

These waters are not meeting Rhode Island Water Quality Standards and TMDL development is currently underway.

Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Calendar Year Target for TMDL	Target for TMDL Comment
RI0007025E-01	<i>Apponaug Cove waters north and west of a line from the RIDEM range marker located at the end of Neptune Lane in Chepiwanoxet to the RIDEM range marker located at Cedar Tree Point. Warwick</i>	0.3155 S	SB	EXCESS ALGAL GROWTH/CHL-A LOW DO NUTRIENTS	2002 2004	
RI0007025E-02	<i>Brushneck Cove. Warwick</i>	0.1176 S	SA	LOW DO NUTRIENTS PATHOGENS	2002 2004	
RI0007025E-03	<i>Buttonwoods Cove. Warwick</i>	0.0774 S	SA	LOW DO NUTRIENTS PATHOGENS	2002 2004	
RI0007025E-04A	<i>Greenwich Bay waters north and west of a line from the eastern extremity of Sandy Pt. on Potowomut Neck, East Greenwich, to the flag pole located at the Warwick Country Club on Warwick Neck, east of a line from the northerly point of Long Point to the southerly point of Chepiwanoxet Point, and east of a line from the northern extremity of Chepiwanoxet Point to the extension of Capron Farm Drive in Nausauket. Warwick, East Greenwich</i>	3.05 S	SA	LOW DO NUTRIENTS PATHOGENS	2002 2004	
RI0007025E-04B	<i>Greenwich Bay waters west of a line from the northern extremity of Chepiwanoxet Point to the extension of Capron Farm Drive in Nausauket, and east of a line from the RIDEM range marker located at the end of Neptune Lane in Chepiwanoxet to the RIDEM range marker located at Cedar Tree Point. Warwick</i>	0.45 S	SA	LOW DO NUTRIENTS PATHOGENS	2002 2004	

Group 1

These waters are not meeting Rhode Island Water Quality Standards and TMDL development is currently underway.

Waterbody ID	Waterbody Name/Description	Waterbody Size		Water Quality Classification	Causes	Calendar Year Target for TMDL		Target for TMDL Comment
RI0007025E-05A	<i>Greenwich Cove south of Long Point. East Greenwich, Warwick</i>	0.3	S	SB1	LOW DO NUTRIENTS	2002	2004	
RI0007025E-05B	<i>Greenwich Cove north of Long Point and west of a line extending from the northerly point of Long Point to the southerly point of Chepiwanoxet Peninsula. East Greenwich, Warwick</i>	0.1127	S	SB	LOW DO NUTRIENTS	2002	2004	
RI0007025E-06A	<i>Warwick Cove north of a line from the easternmost extension of Burr Avenue on Horse Neck to the westernmost extension of Meadow Avenue on the east shore. Warwick</i>	0.1842	S	SB	LOW DO NUTRIENTS	2002	2004	
RI0007025E-06B	<i>Warwick Cove south of a line from the easternmost extension of Burr Avenue on Horse Neck to the westernmost extension of Meadow Avenue on the east shore and north of a line from the southeastern most riprap jetty at the entrance of Warwick Cove, located at the southeastern end of Oakland Beach to the southern (landward) end of Dorr's Dock on Warwick Neck. Warwick</i>	0.0376	S	SA	LOW DO NUTRIENTS PATHOGENS	2002	2004	
RI0007025R-01	<i>Hardig Brook. West Warwick, Warwick</i>	3.8554	M	B	PATHOGENS	2002	2004	
RI0007025R-05	<i>Tuscatucket Brook. Warwick</i>	1.333	M	A	PATHOGENS	2002	2004	
RI0007027E-02A	<i>Bissel Cove waters west of a line from the RIDEM Range marker on the north shore of Bissel Cove in the vicinity of "The Homestead", to the range marker on the southern shore of Bissel Cove. North Kingstown</i>	0.1072	S	SA	PATHOGENS	2002	2004	

Group 1

These waters are not meeting Rhode Island Water Quality Standards and TMDL development is currently underway.

Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Calendar Year Target for TMDL	Target for TMDL Comment
RI0007034L-01	Kickemuit Reservoir (Warren Reservoir). Warren	42.239 A	A	EXCESS ALGAL GROWTH/CHL-A PATHOGENS Phosphorus TASTE AND ODOR TURBIDITY	2002 2004	
RI0007034R-01	Upper Kickemuit River from the Kickemuit (Warren) Reservoir north to the RI-MA border. Warren	1.148 M	A	PATHOGENS	2002 2004	
Pawcatuck River Basin						
RI0008038E-01A	Tidal Pawcatuck River from Route 1 highway bridge to Pawcatuck Rock. Westerly	0.3211 S	SB1	LOW DO PATHOGENS	2005 2007	
RI0008038E-01B	Tidal Pawcatuck River from Pawcatuck Rock to a line from Rhodes Point, RI to Pawcatuck Point, CT. Westerly	0.6889 S	SB	PATHOGENS	2005 2007	
RI0008038E-02A	Little Narragansett Bay west of a line extending from Pawcatuck Point in Connecticut to Rhodes Point in Rhode Island, excluding the area described below. Westerly	0.7893 S	SA	PATHOGENS	2005 2007	
RI0008038E-02B	Little Narragansett Bay including Watch Hill Cove, southeast of a line from the northernmost extension of land that forms Napatree Point to the westernmost point of land on the south side of the mouth of Fosters Cove. Westerly	0.3081 S	SA{b}	PATHOGENS	2005 2007	
RI0008039L-14	Barber Pond. South Kingstown	28.159 A	B	LOW DO	2002 2004	

Group 1

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Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Calendar Year Target for TMDL		Target for TMDL Comment
RI0008039L-15	Yawgoo Pond. Exeter, South Kingstown	143.35 A	A	EXCESS ALGAL GROWTH/CHL-A LOW DO Phosphorus	2002	2004	
RI0008039R-05A	Chickasheen Brook headwaters to Yawgoo Pond. Exeter	1.5856 M	A	NOXIOUS AQ. PLANTS native Phosphorus	2002	2004	
Pawtuxet River Basin							
RI0006017L-06	Mashapaug Pond. Providence	76.746 A	B	EXCESS ALGAL GROWTH/CHL-A LOW DO PATHOGENS Phosphorus	2002	2004	
Woonasquatucket River Basin							
RI0002007R-10B	Woonasquatucket River from the Georgiaville Pond outlet to the Smithfield WWTF discharge point at Esmond Mill Drive. Smithfield	1.728 M	B	Cadmium (Cd) Copper (Cu) Lead (Pb) PATHOGENS	2002	2004	
RI0002007R-10C	Woonasquatucket River from the Smithfield WWTF discharge point at Esmond Mill Drive to the CSO outfall at Glenbridge Avenue in Providence. Smithfield, North Providence, Providence, Johnston	4.2404 M	BI	Cadmium (Cd) Copper (Cu) Lead (Pb) PATHOGENS	2002	2004	

Group 1

These waters are not meeting Rhode Island Water Quality Standards and TMDL development is currently underway.

Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Calendar Year Target for TMDL	Target for TMDL Comment
<i>RI0002007R-10D</i>	<i>Woonasquatucket River from the CSO outfall at Glenbridge Avenue to the confluence with the Moshassuck River. Providence</i>	<i>3.4805 M</i>	<i>B1{a}</i>	<i>Cadmium (Cd) Copper (Cu) Lead (Pb)</i>	<i>2002 2004</i>	

Group 2

These waters are not meeting Rhode Island Water Quality Standards and TMDL development is planned for the future.

Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Calendar Year Target for TMDL		Target for TMDL Comment	
Blackstone River Basin								
RI0001002L-09	Slatersville Reservoir. Burrillville, North Smithfield	218.87	A	B	Copper (Cu) Lead (Pb)	2008	2012	
RI0001002R-01B	Branch River from the outlet of the Slatersville Reservoir to the confluence with the Blackstone River. North Smithfield	2.7354	M	B	BIODIVERSITY IMPACTS Lead (Pb) PATHOGENS	2008	2012	
RI0001002R-05D	Clear River from the Burrillville WWTF discharge point to the confluence with the Chepachet River. Gloucester, Burrillville	0.8905	M	BI	BIODIVERSITY IMPACTS Cadmium (Cd) Copper (Cu) Lead (Pb)	2008	2012	
RI0001003L-01	Scott Pond. Lincoln	42.127	A	B	EXCESS ALGAL GROWTH/CHL-A LOW DO Phosphorus	2008	2012	
RI0001006L-04	Robin Hollow Pond. Cumberland	14.721	A	A	Total Coliform	2012+		
RI0001006R-01	Abbott Run Brook. Cumberland	2.4883	M	A	BIODIVERSITY IMPACTS Cadmium (Cd) Lead (Pb)	2008	2012	
RI0001006R-02	Long Brook. Cumberland	2.451	M	A	PATHOGENS	2008	2012	

Group 2

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Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Calendar Year Target for TMDL	Target for TMDL Comment
RI0001006R-03	East Sneeck Brook. Cumberland	2.6613 M	A	PATHOGENS	2012+	
RI0001006R-04	Ash Swamp Brook. Cumberland	1.1098 M	A	PATHOGENS	2008 2012	
Coastal Waters						
RI0010043E-02	Green Hill Pond. South Kingstown	0.6569 S	SA	LOW DO	2005 2007	
Moshassuck River Basin						
RI0003008L-02	Barney Pond. Lincoln	23.843 A	B	Phosphorus	2008 2012	
RI0003008R-03B	West River from the outlet of Wenscott Reservoir, including Geneva and Whipple ponds, to the first CSO discharge point located south of the Branch Avenue crossing, off of Vandewater Street. North Providence, Providence	2.9882 M	B	PATHOGENS	2008 2012	
Narragansett Basin						
RI0007020L-02	Brickyard Pond. Barrington	84.062 A	B	LOW DO	2012+	
RI0007020L-06	Prince's Pond (Tiffany Pond). Barrington	8.0787 A	A	EXCESS ALGAL GROWTH/CHL-A LOW DO Phosphorus	2012+	

Group 2

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Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Calendar Year Target for TMDL	Target for TMDL Comment
RI0007021R-01	<i>Runnins River from the MA-RI border to the Mobil Dam in East Providence. Providence, East Providence</i>	2.2903 M	B	BIODIVERSITY IMPACTS Lead (Pb) LOW DO	2008 2012	
RI0007024E-01	<i>Upper Narra. Bay from Conimicut Pt-Nayatt Pt boundary south, including waters south of a line from Adams Pt, Barrington to Jacobs Pt, Warren, to a line from Warwick Point in Warwick through Providence Point on Prudence Island, to Popasquash Point in Bristol. Warwick, Barrington, Bristol, Portsmouth, Warren</i>	14.93 S	SA	LOW DO NUTRIENTS	2005 2007	
RI0007024E-02	<i>Old Mill Creek. Warwick</i>	0.0332 S	SA	PATHOGENS	2008 2012	
RI0007024L-01	<i>Sandy Pond (Little Pond, south of airport). Warwick</i>	28.342 A	B	PATHOGENS	2008 2012	
RI0007024L-02	<i>Warwick Pond. Warwick</i>	84.716 A	B	EXCESS ALGAL GROWTH/CHL-A LOW DO Phosphorus	2012+	
RI0007024R-01	<i>Buckeye Brook. Warwick</i>	2.7879 M	B	BIODIVERSITY IMPACTS	2012+	
RI0007025L-01	<i>Gorton Pond. Warwick</i>	58.300 A	B	EXCESS ALGAL GROWTH/CHL-A LOW DO Phosphorus	2008 2012	

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Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Calendar Year Target for TMDL		Target for TMDL Comment
RI0007025R-01	<i>Hardig Brook. West Warwick, Warwick</i>	3.8554 M	B	BIODIVERSITY IMPACTS Lead (Pb)	2008	2012	
RI0007025R-03	<i>Maskerchugg River. Warwick, East Greenwich</i>	4.0031 M	B	Cadmium (Cd) Copper (Cu) Lead (Pb)	2008	2012	
RI0007025R-06	<i>Baker Creek. Warwick</i>	0.545 M	A	PATHOGENS	2005	2007	
RI0007026R-01	<i>Silver Creek. Bristol</i>	1.7285 M	B	BIODIVERSITY IMPACTS	2012+		
RI0007027E-04B	<i>Wickford Harbor including Mill Cove and the estuarine portion of Mill Creek, west of a line extending from the northern extremity of Big Rock Point to the southern extremity of Cornelius Island, and west and south of a line extending from the northern extremity of Cornelius Island, to a point 1000 feet north of Calf Neck. North Kingstown</i>	0.3376 S	SB	LOW DO	2005	2007	
RI0007027L-02	<i>Belleville Ponds. North Kingstown</i>	130.27 A	B	Phosphorus	2012+		
RI0007028R-01	<i>Frenchtown Brook. West Greenwich, East Greenwich</i>	6.8462 M	A	PATHOGENS	2008	2012	
RI0007028R-05	<i>Sandhill Brook. North Kingstown</i>	4.7751 M	B	PATHOGENS	2008	2012	

Group 2

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Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Calendar Year Target for TMDL	Target for TMDL Comment
RI0007028R-07	<i>Pierce Brook. East Greenwich</i>	1.627 M	B	PATHOGENS	2008 2012	
RI0007029E-03	<i>Potter Cove. Prudence Island, Portsmouth</i>	0.1537 S	SA{b}	LOW DO	2005 2007	
RI0007030E-01A	<i>Coddington Cove waters north of a line from buoy (FLR) bell 14 to Bishop Rock and southeast of a line from buoy (FLR) bell 14 through Nun buoy 16 at Coddington point and its extension to the end of the Coddington Cove breakwater. Newport, Middletown</i>	0.752 S	SB	BIODIVERSITY IMPACTS TOTAL TOXICS		Hazardous waste site-remedial action plan under development.
RI0007030E-01D	<i>Coaster's Harbor waters east of a line from Bishop Rock to the northernmost point of Coaster's Harbor Island and north of the Training Station Road bridge. Newport</i>	0.1465 S	SB	BIODIVERSITY IMPACTS TOTAL TOXICS		Hazardous waste site-remedial action plan under development
RI0007032E-01A	<i>Mt. Hope Bay south and west of the MA/RI border, and east of a line from Touisset Point to the channel marker buoy R "4" and south and east of a line from buoy R "4" to the southernmost landward end of Bristol Point and south of a line from Bristol Point to the Hog Island shoal light, through bell buoy G"3 to the southwestern extremity of Arnold Point in Portsmouth where a RIDEM range marker has been established; And west of a line from the end of Gardiner's Neck Road, Swansea to buoy N"2, through buoy C"3" to Common Fence Point, Portsmouth. Warren, Portsmouth</i>	4.2814 S	SA	LOW DO NUTRIENTS	2005 2007	Pending EPA/MA action.

Group 2

These waters are not meeting Rhode Island Water Quality Standards and TMDL development is planned for the future.

Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Calendar Year Target for TMDL	Target for TMDL Comment
RI0007032E-01B	<i>Mt. Hope Bay waters north and west of a line from the southernmost landward end of Bristol Point to buoy R "4" and west of a line from buoy R "4" to the DEM range marker on Touisset Point, and south of the Bristol Narrows. Bristol, Warren</i>	2.0097 S	SA	LOW DO NUTRIENTS	2005 2007	Pending EPA/MA action.
RI0007032E-01B	<i>Mt. Hope Bay waters north and west of a line from the southernmost landward end of Bristol Point to buoy R "4" and west of a line from buoy R "4" to the DEM range marker on Touisset Point, and south of the Bristol Narrows. Bristol, Warren</i>			PATHOGENS	2008 2012	
RI0007032E-01C	<i>Mt. Hope Bay waters south of a line from Borden's Wharf, Tiverton, to buoy R "4" and west of a line from buoy R "4" to Brayton Point, Somerset, MA., and east of a line from the end of Gardiner's Neck Road in Swansea to buoy N "2", through buoy C "3" to Common Fence Point, Portsmouth, and north of a line from Portsmouth to Tiverton at the railroad bridge at "The Hummocks" on the northeast point of Portsmouth. Portsmouth</i>	3.0469 S	SB	LOW DO NUTRIENTS	2005 2007	Pending EPA/MA action.
RI0007032E-01D	<i>Mt. Hope Bay waters south and west of the MA-RI border and north of a line from Borden's Wharf, Tiverton to buoy R "4" and east of a line from buoy R "4" to Brayton Point in Somerset, MA. Bristol, Portsmouth and Tiverton.</i>	0.4828 S	SBI	LOW DO NUTRIENTS	2005 2007	Pending EPA/MA action.
RI0007033E-01A	<i>Kickemuit River from the Child Street bridge (Route 103) in Warren, south to the river mouth at "Bristol Narrows" excluding the waters described below. Bristol, Warren</i>	0.6983 S	SA	PATHOGENS	2008 2012	

Group 2

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Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Calendar Year Target for TMDL	Target for TMDL Comment
RI0007033E-01B	<i>Kickemuit River south of a line from the eastern extension of Kickemuit Avenue in Bristol to the DEM range marker located on the western tip of Little Neck in Touisset, and north of a line from the DEM range markers located on the east shore and west shore at the entrance to the Kickemuit River including the "Bristol Narrows" in its entirety. Bristol, Warren</i>	0.0726 S	SA	PATHOGENS	2008 2012	
RI0007033E-01C	<i>Kickemuit River west of a line from the DEM range marker located on the western tip of Little Neck in Touisset to the brick stack located at 426 Metacom Avenue in Warren (formally known as the Carol Cable Building), north of a line from the eastern extension of Sherman Avenue in Bristol to the western extension of Chase Avenue Touisset, and south of a line from the eastern extension of Harris Avenue in Warren to the "5 MPH No Wake" buoy. Bristol, Warren</i>	0.0903 S	SA	PATHOGENS	2008 2012	
RI0007034R-01	<i>Upper Kickemuit River from the Kickemuit (Warren) Reservoir north to the RI-MA border. Warren</i>	1.148 M	A	BIODIVERSITY IMPACTS	2008 2012	
RI0007035R-01	<i>Bailey's Brook. Middletown</i>	2.7543 M	A	BIODIVERSITY IMPACTS	2012+	
RI0007035R-02A	<i>Maidford River from the headwaters to the confluence with Paradise Brook. Middletown</i>	3.2132 M	A	BIODIVERSITY IMPACTS	2012+	
RI0007035R-02B	<i>Maidford River from the confluence with Paradise Brook to the end of the river at Third Beach, Middletown.</i>	0.9448 M	A	BIODIVERSITY IMPACTS	2012+	

Group 2

These waters are not meeting Rhode Island Water Quality Standards and TMDL development is planned for the future.

Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Calendar Year Target for TMDL		Target for TMDL Comment
RI0007035R-02B	<i>Maidford River from the confluence with Paradise Brook to the end of the river at Third Beach, Middletown.</i>	0.9448 M	A	PATHOGENS	2008	2012	
RI0007035R-03	<i>Paradise Brook, Middletown</i>	1.8322 M	A	PATHOGENS	2012+		
RI0007035R-04	<i>Lawton Brook, Portsmouth</i>	0.3788 M	A	BIODIVERSITY IMPACTS	2008	2012	
RI0007036R-01	<i>Jamestown Brook, Jamestown</i>	1.432 M	A	BIODIVERSITY IMPACTS Iron (Fe) Lead (Pb) PATHOGENS	2012+		
Pawcatuck River Basin							
RI0008039L-01	<i>Chapman Pond, Westerly</i>	172.77 A	B	Lead (Pb) NOXIOUS AQ. PLANTS native	2008	2012	
RI0008039L-05	<i>Meadowbrook Pond (Sandy Pond), Richmond</i>	23.063 A	A	Mercury (Hg)	2012+		
RI0008039L-13	<i>Hundred Acre Pond, South Kingstown</i>	84.163 A	B	EXCESS ALGAL GROWTH/CHL-A LOW DO NOXIOUS AQ. PLANTS native	2008	2012	
RI0008039R-02A	<i>Ashaway River headwaters south to the Ashaway Road highway bridge, Hopkinton</i>	1.4893 M	A	Cadmium (Cd) Lead (Pb)	2012+		

Group 2

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Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Calendar Year Target for TMDL	Target for TMDL Comment
RI0008039R-06B	Chipuxet River from outlet of Yawgoo Mill Pond to the entrance of Hundred Acre Pond. Exeter, South Kingstown	1.5058 M	B	BIODIVERSITY IMPACTS Cadmium (Cd) Lead (Pb)	2008 2012	
RI0008039R-18B	Pawcatuck River from the dam at Kenyon to the beginning of the Carolina Mill Pond in Carolina. Richmond, Charlestown	1.8198 M	BI	UNKNOWN TOXICITY	2008 2012	
RI0008039R-18D	Pawcatuck River from the Bradford Dyeing Associates WWTF discharge point to the Route 3 bridge crossing. Hopkinton, Westerly	5.2533 M	BI	BIODIVERSITY IMPACTS	2008 2012	
RI0008040L-06	Wincheck Pond. Hopkinton	145.71 A	B	Mercury (Hg)	2012+	
RI0008040L-07	Yawgoog pond. Hopkinton	160.75 A	A	Mercury (Hg)	2012+	
RI0008040L-12	Deep Pond. Exeter	2.4385 A	A	LOW DO Phosphorus	2008 2012	
RI0008040R-04B	Canonchet Brook from Route 3 in Hopkinton to the confluence with the Wood River. Hopkinton	2.5286 M	B	BIODIVERSITY IMPACTS Cadmium (Cd) Lead (Pb) PATHOGENS	2008 2012	
Pawtuxet River Basin						
RI0006013L-04	Quidneck Reservoir. Coventry	173.41 A	B	Mercury (Hg)	2012+	

Group 2

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Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Calendar Year Target for TMDL	Target for TMDL Comment
RI0006014L-04	Upper Dam Pond. Coventry	20.488 A	B	Phosphorus	2012+	
RI0006014R-04B	Pawtuxet River South Branch from the Quidnick Dye Mill dam to its confluence with the North Branch of the Pawtuxet River. Coventry, West Warwick, Warwick	4.588 M	B1	Lead (Pb)	2008 2012	
RI0006015R-16	Moswansicut Stream. Scituate	0.0915 M	A	PATHOGENS	2008 2012	
RI0006016R-06B	Pawtuxet River North Branch from 0.5 mile downstream of the Gainer Memorial Dam to the confluence of the North and South Branches of the Pawtuxet River at Riverpoint. Scituate, Coventry, and West Warwick	6.8371 M	B	Lead (Pb)	2008 2012	
RI0006017L-02	Three Ponds. Warwick	21.425 A	B	Copper (Cu) Lead (Pb) LOW DO Phosphorus	2012+	
RI0006017L-05	Roger Williams Park Ponds. Providence	88.582 A	B	EXCESS ALGAL GROWTH/CHL-A LOW DO PATHOGENS Phosphorus	2008 2012	
RI0006017L-07	Spectacle Pond. Cranston	38.807 A	B	EXCESS ALGAL GROWTH/CHL-A Phosphorus	2005 2007	

Group 2

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Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Calendar Year Target for TMDL	Target for TMDL Comment
RI0006017L-09	Sand Pond (North of Airport). Warwick	12.209 A	A	LOW DO Phosphorus	2012+	
RI0006017R-04	Three Pond Brook. Warwick	2.0448 M	B	Lead (Pb)	2012+	
RI0006018L-03	Simmons Reservoir. Johnston	108.97 A	B	EXCESS ALGAL GROWTH/CHL-A Phosphorus SILTATION TURBIDITY	2008 2012	
RI0006018L-05	Print Works Pond. Cranston	26.263 A	B	Lead (Pb)	2012+	
RI0006018R-01	Cedar Swamp Brook. Johnston	1.5363 M	B	Iron (Fe) LOW DO PATHOGENS	2008 2012	
RI0006018R-03	Pocasset River. Johnston	11.317 M	B	Lead (Pb) PATHOGENS	2008 2012	
Ten Mile River Basin						
RI0004009L-01A	Turner Reservoir North of Newman Avenue Dam. East Providence	129.69 A	BI	Copper (Cu) Lead (Pb) LOW DO Phosphorus	2008 2012	

Group 2

These waters are not meeting Rhode Island Water Quality Standards and TMDL development is planned for the future.

Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Calendar Year Target for TMDL		Target for TMDL Comment
RI0004009L-01B	Turner Reservoir South of Newman Avenue Dam. East Providence	85.097 A	B	Copper (Cu) Lead (Pb) LOW DO Phosphorus	2008	2012	
RI0004009L-02	Slater Park Pond. Pawtucket	21.357 A	BI	EXCESS ALGAL GROWTH/CHL-A PATHOGENS Phosphorus	2008	2012	
RI0004009L-03	Omega Pond. East Providence	33.165 A	B	Copper (Cu) Lead (Pb) Phosphorus	2008	2012	
RI0004009R-01A	Ten Mile River from the MA-RI border to the inlet to Turner Reservoir North, excluding Slater Park Pond. Pawtucket	2.2073 M	BI	Cadmium (Cd) Copper (Cu) Lead (Pb)	2008	2012	
RI0004009R-01B	Ten Mile River downstream of Turner Reservoir South to the Omega Pond inlet. East Providence	1.9941 M	B	BIODIVERSITY IMPACTS Copper (Cu) Lead (Pb)	2008	2012	
Thames River Basin							
RI0005047L-03	Bowdish Reservoir. Gloucester	219.37 A	B	EXOTIC SPECIES	2008	2012	

Group 2

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Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Calendar Year Target for TMDL	Target for TMDL Comment
RI0005047R-02	<i>Keach Brook. Burrillville</i>	1.0092 M	B	BIODIVERSITY IMPACTS Cadmium (Cd) Lead (Pb)	2012+	
Woonasquatucket River Basin						
RI0002007L-06	<i>Lower Sprague Reservoir. Smithfield</i>	25.118 A	B	EXCESS ALGAL GROWTH/CHL-A Phosphorus	2008 2012	
RI0002007R-10B	<i>Woonasquatucket River from the Georgiaville Pond outlet to the Smithfield WWTF discharge point at Esmond Mill Drive. Smithfield</i>	1.728 M	B	Mercury (Hg)	2012+	
RI0002007R-10C	<i>Woonasquatucket River from the Smithfield WWTF discharge point at Esmond Mill Drive to the CSO outfall at Glenbridge Avenue in Providence. Smithfield, North Providence, Providence, Johnston</i>	4.2404 M	B1	Mercury (Hg)	2012+	
RI0002007R-10C	<i>Woonasquatucket River from the Smithfield WWTF discharge point at Esmond Mill Drive to the CSO outfall at Glenbridge Avenue in Providence. Smithfield, North Providence, Providence, Johnston</i>			PCBs	2008 2012	
RI0002007R-10C	<i>Woonasquatucket River from the Smithfield WWTF discharge point at Esmond Mill Drive to the CSO outfall at Glenbridge Avenue in Providence. Smithfield, North Providence, Providence, Johnston</i>			DIOXINS		EPA remedial investigation is underway. To be followed by development of a ROD.

Group 2

These waters are not meeting Rhode Island Water Quality Standards and TMDL development is planned for the future.

Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Calendar Year Target for TMDL	Target for TMDL Comment
RI0002007R-10D	<i>Woonasquatucket River from the CSO outfall at Glenbridge Avenue to the confluence with the Moshassuck River. Providence</i>	3.4805 M	<i>B1{a}</i>	Mercury (Hg)	2012+	
RI0002007R-10D	<i>Woonasquatucket River from the CSO outfall at Glenbridge Avenue to the confluence with the Moshassuck River. Providence</i>			BIODIVERSITY IMPACTS PCBs	2008 2012	
RI0002007R-10D	<i>Woonasquatucket River from the CSO outfall at Glenbridge Avenue to the confluence with the Moshassuck River. Providence</i>			DIOXINS		EPA remedial investigation is underway. To be followed by development of a ROD.
RI0002007R-11	<i>Nine Foot Brook. Smithfield, Gloucester</i>	2.6684 M	<i>B</i>	BIODIVERSITY IMPACTS	2012+	

Group 3

Monitoring data for metals for these waters show violations of criteria however, all data is expressed as total metals. Based on 1997 amendments to Rhode Island's Water Quality Regulations, metals criteria are now expressed as dissolved metals. Therefore it is not known whether these waters have metal violations based on dissolved criteria. Additional sampling is required to make this assessment.

Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Target for Data Collection		Target for TMDL (if necessary)
<i>Narragansett Basin</i>							
RI0007020E-01A	<i>Providence River south of a line from a point on shore due east of Naushon Avenue in Warwick to the western terminus of Beach Road in East Providence and north of a line from Conimicut Point in Warwick to Old Tower at Nayatt Point in Barrington. East Providence, Warwick, Barrington</i>	4.73 S	SB{a}	METALS	2000	2002	Data collection ongoing. TMDL (if necessary) targeted for 2012+.
RI0007020E-01B	<i>Providence River from its confluence with the Moshassuck and Woonasquatucket Rivers in Providence south and south of a line from India Point to Bold Point (across the mouth of the Seekonk River), to a line extending from a point on shore due east of Naushon Avenue in Warwick to the western terminus of Beach Road in East Providence, including Watchemoket Cove. East Providence, Providence, Cranston and Warwick</i>	3.61 S	SB1{a}	METALS	2000	2002	Data collection ongoing. TMDL (if necessary) targeted for 2012+.
<i>Pawtuxet River Basin</i>							
RI0006014R-04B	<i>Pawtuxet River South Branch from the Quidnick Dye Mill dam to its confluence with the North Branch of the Pawtuxet River. Coventry, West Warwick, Warwick</i>	4.588 M	B1	Cadmium (Cd)	2000	2002	Data collection scheduled for completion Fall 2002. TMDL (if necessary) targeted for 2008 - 2012.
RI0006016R-06B	<i>Pawtuxet River North Branch from 0.5 mile downstream of the Gainer Memorial Dam to the confluence of the North and South Branches of the Pawtuxet River at Riverpoint. Scituate, Coventry, and West Warwick</i>	6.8371 M	B	Cadmium (Cd)	2000	2002	Data collection scheduled for completion Fall 2002. TMDL (if necessary) targeted for 2008 - 2012.

Group 3

Monitoring data for metals for these waters show violations of criteria however, all data is expressed as total metals. Based on 1997 amendments to Rhode Island's Water Quality Regulations, metals criteria are now expressed as dissolved metals. Therefore it is not known whether these waters have metal violations based on dissolved criteria. Additional sampling is required to make this assessment.

Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Target for Data Collection		Target for TMDL (if necessary)
RI0006017R-02	Meshanticut Brook. Cranston, Warwick	3.5459 M	B	Copper (Cu) Lead (Pb)	2000	2002	Data collection scheduled for completion Fall 2002. TMDL (if necessary) targeted for 2008 - 2012.

Group 4

Assessments were made based on insufficient data and/or data that is old. Therefore, these waters need further monitoring to determine if there are Water Quality Standards violations.

Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Target for Data Collection	Target for TMDL (if necessary)
Blackstone River Basin						
RI0001002L-09	Slatersville Reservoir. Burrillville, North Smithfield	218.87 A	B	PATHOGENS Phosphorus	2000 2002	Data collection scheduled for completion Fall 2002. TMDL (if necessary) targeted for 2008-2012.
Narragansett Basin						
RI0007035L-01	Gardiner Pond. Middletown	92.435 A	A	BIODIVERSITY IMPACTS		TMDL may be unnecessary due to impairments associated with flow.
RI0007035L-02	Nelson Paradise Pond. Middletown	28.935 A	A	BIODIVERSITY IMPACTS		TMDL may be unnecessary due to impairments associated with flow.
RI0007035L-03	North Easton Pond (Green End Pond). Middletown, Newport	113.23 A	A	BIODIVERSITY IMPACTS		TMDL may be unnecessary due to impairments associated with flow.
RI0007035L-03	North Easton Pond (Green End Pond). Middletown, Newport			EXCESS ALGAL GROWTH/CHL-A	2000 2002	Data collection scheduled for completion Fall 2002. TMDL (if necessary) targeted for 2008-2012.
RI0007035L-05	Saint Mary's Pond. Portsmouth	112.06 A	A	BIODIVERSITY IMPACTS		TMDL may be unnecessary due to impairments associated with flow.

Group 4

Assessments were made based on insufficient data and/or data that is old. Therefore, these waters need further monitoring to determine if there are Water Quality Standards violations.

Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Target for Data Collection		Target for TMDL (if necessary)
RI0007035L-06	Lawton Valley Reservoir. Portsmouth	81.404 A	A	BIODIVERSITY IMPACTS			TMDL may be unnecessary due to impairments associated with flow.
RI0007035L-10	Sisson Pond. Portsmouth	69.065 A	A	BIODIVERSITY IMPACTS			TMDL may be unnecessary due to impairments associated with flow.
Pawcatuck River Basin							
RI0008040R-16D	Wood River from the Alton Pond dam to the confluence with the Pawcatuck River. Richmond, Hopkinton, Charlestown	0.7245 M	B	BIODIVERSITY IMPACTS UNKNOWN TOXICITY	2000	2002	Data collection scheduled for completion Fall 2002. TMDL (if necessary) targeted for 2008-2012.
Pawtuxet River Basin							
RI0006017L-02	Three Ponds. Warwick	21.425 A	B	PATHOGENS	2000	2002	Data collection scheduled for completion Fall 2002. TMDL (if necessary) targeted for 2012+.
RI0006018L-05	Print Works Pond. Cranston	26.263 A	B	CHLORIDES PATHOGENS SUSPENDED SOLIDS	2000	2002	Data collection scheduled for completion Fall 2002. TMDL (if necessary) targeted for 2012+.
RI0006018R-04	Simmons Brook. Johnston	2.2969 M	B	PATHOGENS	2000	2002	Data collection scheduled for completion Fall 2002. TMDL (if necessary) targeted for 2012+.

Group 4

Assessments were made based on insufficient data and/or data that is old. Therefore, these waters need further monitoring to determine if there are Water Quality Standards violations.

Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Target for Data Collection		Target for TMDL (if necessary)
Ten Mile River Basin							
RI0004009L-01A	Turner Reservoir North of Newman Avenue Dam. East Providence	129.69 A	B1	PATHOGENS	2002	2004	TMDL targeted for 2008-2012.
RI0004009L-01B	Turner Reservoir South of Newman Avenue Dam. East Providence	85.097 A	B	PATHOGENS	2002	2004	TMDL targeted for 2008-2012.

Group 5

A TMDL or a control action functionally equivalent to a TMDL has been developed for these waters. Implementation is underway which will result in attainment of the standards. However, the standards will not be met within the next two years.

Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Control Action
<i>Blackstone River Basin</i>					
RI0001002R-13B	<i>Tarkiln Brook from Route 7 crossing to Slatersville Reservoir. Burrillville, North Smithfield</i>	0.551 M	B	BIODIVERSITY IMPACTS	Record of Decision in place.
RI0001003R-01A	<i>Blackstone River from the MA-RI border to the CSO outfall located at River and Samoset Streets in Central Falls. Woonsocket, North Smithfield, Cumberland, Lincoln and Central Falls.</i>	14.968 M	BI	AMMONIA (UNIONIZED) LOW DO NUTRIENTS	Discharge permits issued for the Woonsocket wastewater treatment plant, as well as UBWWPC and several minor facilities in MA.
RI0001003R-01B	<i>Blackstone River from the CSO outfall located at River and Samoset streets in Central Falls to the Slater Mill Dam. Central Falls, Pawtucket.</i>	1.6389 M	BI{a}	AMMONIA (UNIONIZED) LOW DO NUTRIENTS	Discharge permits issued for the Woonsocket wastewater treatment plant, as well as UBWWPC and several minor facilities in MA.
<i>Coastal Waters</i>					
RI0010044E-01A	<i>Pettaquamscutt (Narrow) River exclusive of the waters noted below, from the headwaters at the end of Gilbert Stuart Stream to the mouth of the river including Pettaquamscutt Cove. North Kingstown, South Kingstown, Narragansett</i>	0.9118 S	SA	PATHOGENS	TMDL approved April 29, 2002.
RI0010044E-01B	<i>Pettaquamscutt (Narrow) River waters in the vicinity of the marina at Middle Bridge. Narragansett</i>	0.002 S	SA{b}	PATHOGENS	TMDL approved April 29, 2002.
RI0010044R-01	<i>Gilbert Stuart Stream. North Kingstown</i>	0.212 M	A	PATHOGENS	TMDL approved April 29, 2002.

Group 5

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Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Control Action
RI0010044R-03	<i>Crooked Brook. Narragansett</i>	2.2196 M	A	PATHOGENS	Draft TMDL Completed
RI0010045L-01	<i>Saugatucket Pond. South Kingstown</i>	40.684 A	B	BIODIVERSITY IMPACTS	Record of Decision in place for Rosehill Landfill.
RI0010045R-03B	<i>Mitchell Brook from the Rose Hill Landfill to the confluence with the Saugatucket River. South Kingstown</i>	0.6794 M	B	BIODIVERSITY IMPACTS Iron (Fe)	Record of Decision in place for Rosehill Landfill.
RI0010045R-05B	<i>Saugatucket River from the Rose Hill Landfill property to the dam at Main Street in Wakefield. South Kingstown</i>	2.2851 M	B	BIODIVERSITY IMPACTS Iron (Fe)	Record of Decision in place for Rosehill Landfill.
<i>Moshassuck River Basin</i>					
RI0003008R-01B	<i>Moshassuck River from the first CSO discharge point at Weeden Street Bridge to the confluence with the Woonasquatucket River. Central Falls, Pawtucket, Providence</i>	4.0979 M	B{a}	PATHOGENS	Due to CSO's; approved Facilities Plan.
RI0003008R-03C	<i>West River from the first CSO discharge point located south of the Branch Avenue crossing, off of Vandewater Street to the confluence with the Moshassuck River. Providence</i>	1.3447 M	B{a}	PATHOGENS	Due to CSO's; approved Facilities Plan.
<i>Narragansett Basin</i>					
RI0007019E-01	<i>Seekonk River from the Slater Mill Dam at Main Street in Pawtucket to India Point in Providence. Pawtucket, Providence</i>	1.0145 S	SB1{a}	PATHOGENS	Due to CSO's; approved Facilities Plan.

Group 5

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Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Control Action
RI0007020E-01A	<i>Providence River south of a line from a point on shore due east of Naushon Avenue in Warwick to the western terminus of Beach Road in East Providence and north of a line from Conimicut Point in Warwick to Old Tower at Nayatt Point in Barrington. East Providence, Warwick, Barrington</i>	4.73 S	SB{a}	PATHOGENS	Due to CSOs; approved Facilities Plan
RI0007020E-01B	<i>Providence River from its confluence with the Moshassuck and Woonasquatucket Rivers in Providence south and south of a line from India Point to Bold Point (across the mouth of the Seekonk River), to a line extending from a point on shore due east of Naushon Avenue in Warwick to the western terminus of Beach Road in East Providence, including Watchemoket Cove. East Providence, Providence, Cranston and Warwick</i>	3.61 S	SBI{a}	PATHOGENS	Due to CSO's; approved Facilities Plan.
RI0007021E-01A	<i>Barrington River from the Mobil Dam in East Providence to the East Bay Bike Path trestle in Barrington approximately 2500 feet north of the confluence with the Palmer River. East Providence, Barrington</i>	0.9548 S	SA	PATHOGENS	Draft TMDL completed.
RI0007021R-01	<i>Runnins River from the MA-RI border to the Mobil Dam in East Providence. Providence, East Providence</i>	2.2903 M	B	PATHOGENS	Draft TMDL completed.
RI0007022E-01A	<i>Palmer River from the MA-RI border to the East Bay Bike Path trestle in Warren, approximately 2500 feet north of the confluence with the Barrington River. Warren, Barrington</i>	0.7329 S	SA	PATHOGENS	TMDL approved May 15, 2002.

Group 5

A TMDL or a control action functionally equivalent to a TMDL has been developed for these waters. Implementation is underway which will result in attainment of the standards. However, the standards will not be met within the next two years.

Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Control Action
RI0007024E-01	<i>Upper Narra. Bay from Conimicut Pt-Nayatt Pt boundary south, including waters south of a line from Adams Pt, Barrington to Jacobs Pt, Warren, to a line from Warwick Point in Warwick through Providence Point on Prudence Island, to Popasquash Point in Bristol. Warwick, Barrington, Bristol, Portsmouth, Warren</i>	14.93 S	SA	PATHOGENS	Due to CSO's; approved Facilities Plan.
RI0007027E-01A	<i>Allen's Harbor waters north of a line extending from the westernmost indentation of the cove which is immediately north of the easternmost curve of Westcott Road to the northernmost point of land on the south side of the mouth of Allen's Harbor. North Kingstown</i>	0.0915 S	SA{b}	TOTAL TOXICS	Record of Decision in place.
RI0007028R-02	<i>Fry Brook. West Warwick, East Greenwich</i>	3.8823 M	B	PATHOGENS	TMDL approved January 25, 2001.
RI0007028R-03A	<i>Hunt River headwaters to Frenchtown Road. East Greenwich, North Kingstown</i>	5.44 M	A	PATHOGENS	TMDL approved January 25, 2001.
RI0007028R-03B	<i>Hunt River from Frenchtown Road to the Brown and Sharpe discharge point located approximately 0.55 miles downstream of Frenchtown Road. East Greenwich, North Kingstown</i>	0.55 M	B	PATHOGENS	TMDL approved January 25, 2001.
RI0007028R-06	<i>Scrabbletown Brook. East Greenwich, North Kingstown</i>	3.218 M	A	PATHOGENS	TMDL approved January 25, 2001.
RI0007029E-01C	<i>East Passage waters in the vicinity of McAlister Point. Middletown</i>	0.0264 S	SA	UNKNOWN TOXICITY	Remedial Action Plan in place for McAllister Point Landfill.

Group 5

A TMDL or a control action functionally equivalent to a TMDL has been developed for these waters. Implementation is underway which will result in attainment of the standards. However, the standards will not be met within the next two years.

Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Control Action
RI0007032E-01A	<i>Mt. Hope Bay south and west of the MA/RI border, and east of a line from Touisset Point to the channel marker buoy R "4" and south and east of a line from buoy R "4" to the southernmost landward end of Bristol Point and south of a line from Bristol Point to the Hog Island shoal light, through bell buoy G"3 to the southwestern extremity of Arnold Point in Portsmouth where a RIDEM range marker has been established; And west of a line from the end of Gardiner's Neck Road, Swansea to buoy N"2, through buoy C"3" to Common Fence Point, Portsmouth. Warren, Portsmouth</i>	4.2814 S	SA	BIODIVERSITY IMPACTS THERMAL MODIFICATIONS	NPDES permit for Brayton Point drafted.
RI0007032E-01B	<i>Mt. Hope Bay waters north and west of a line from the southernmost landward end of Bristol Point to buoy R "4" and west of a line from buoy R "4" to the DEM range marker on Touisset Point, and south of the Bristol Narrows. Bristol, Warren</i>	2.0097 S	SA	BIODIVERSITY IMPACTS THERMAL MODIFICATIONS	NPDES permit for Brayton Point drafted.
RI0007032E-01C	<i>Mt. Hope Bay waters south of a line from Borden's Wharf, Tiverton, to buoy R "4" and west of a line from buoy R "4" to Brayton Point, Somerset, MA., and east of a line from the end of Gardiner's Neck Road in Swansea to buoy N "2", through buoy C "3" to Common Fence Point, Portsmouth, and north of a line from Portsmouth to Tiverton at the railroad bridge at "The Hummocks" on the northeast point of Portsmouth. Portsmouth</i>	3.0469 S	SB	BIODIVERSITY IMPACTS THERMAL MODIFICATIONS	NPDES permit for Brayton Point drafted.

Group 5

A TMDL or a control action functionally equivalent to a TMDL has been developed for these waters. Implementation is underway which will result in attainment of the standards. However, the standards will not be met within the next two years.

Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Control Action
RI0007032E-01C	<i>Mt. Hope Bay waters south of a line from Borden's Wharf, Tiverton, to buoy R "4" and west of a line from buoy R "4" to Brayton Point, Somerset, MA., and east of a line from the end of Gardiner's Neck Road in Swansea to buoy N "2", through buoy C "3" to Common Fence Point, Portsmouth, and north of a line from Portsmouth to Tiverton at the railroad bridge at "The Hummocks" on the northeast point of Portsmouth. Portsmouth</i>	3.0469 S	SB	PATHOGENS	Due to CSOs; approved facilities plan.
RI0007032E-01D	<i>Mt. Hope Bay waters south and west of the MA-RI border and north of a line from Borden's Wharf, Tiverton to buoy R "4" and east of a line from buoy R "4" to Brayton Point in Somerset, MA. Bristol, Portsmouth and Tiverton.</i>	0.4828 S	SB1	BIODIVERSITY IMPACTS THERMAL MODIFICATIONS	NPDES permit for Brayton Point drafted.
RI0007032E-01D	<i>Mt. Hope Bay waters south and west of the MA-RI border and north of a line from Borden's Wharf, Tiverton to buoy R "4" and east of a line from buoy R "4" to Brayton Point in Somerset, MA. Bristol, Portsmouth and Tiverton.</i>			PATHOGENS	Due to CSOs; approved facilities plan.
RI0007037L-01	<i>Stafford Pond. Tiverton</i>	480.13 A	A	EXCESS ALGAL GROWTH/CHL-A LOW DO NUTRIENTS	TMDL approved March 1999.
<i>Pawtuxet River Basin</i>					
RI0006017R-03	<i>Pawtuxet River from the confluence of the North and South Branches at Riverpoint to the Pawtuxet Cove Dam at Pawtuxet. West Warwick, Warwick, Cranston</i>	11.017 M	B1	BIODIVERSITY IMPACTS Lead (Pb) LOW DO NUTRIENTS	Permits issued to RIPDES dischargers.

Group 5

A TMDL or a control action functionally equivalent to a TMDL has been developed for these waters. Implementation is underway which will result in attainment of the standards. However, the standards will not be met within the next two years.

Waterbody ID	Waterbody Name/Description	Waterbody Size	Water Quality Classification	Causes	Control Action
<i>Woonasquatucket River Basin</i>					
<i>RI0002007R-05</i>	<i>Latham Brook. Smithfield</i>	<i>1.5412 M</i>	<i>B</i>	<i>BIODIVERSITY IMPACTS UNKNOWN TOXICITY</i>	<i>Record of Decision in place for Davis Industrial Landfill.</i>
<i>RI0002007R-10C</i>	<i>Woonasquatucket River from the Smithfield WWTF discharge point at Esmond Mill Drive to the CSO outfall at Glenbridge Avenue in Providence. Smithfield, North Providence, Providence, Johnston</i>	<i>4.2404 M</i>	<i>B1</i>	<i>EXCESS ALGAL GROWTH/CHL-A LOW DO</i>	<i>RIPDES discharge permit for Smithfield wastewater treatment plant issued.</i>
<i>RI0002007R-10D</i>	<i>Woonasquatucket River from the CSO outfall at Glenbridge Avenue to the confluence with the Moshassuck River. Providence</i>	<i>3.4805 M</i>	<i>B1{a}</i>	<i>PATHOGENS</i>	<i>Due to CSO's; approved Facilities Plan.</i>

2002 303(d) list
Summary of Changes and TMDL Schedules by Watershed

WATERSHED/ BASIN	GROUP 1	GROUP 2			GROUP 3 & GROUP 4	GROUP 5	DE-LISTED
	2002-2004	2005-2007	2008 – 2012	2012+			
Blackstone River	Valley Falls Pond* Blackstone River* - Cu, Pb, pathogens, biodiversity Mill River* Peters River*		Branch River Clear River Slatersville Reservoir – Cu, Pb Scott Pond Abbott Run Brook Ash Swamp Brook H>M Long Brook H>M	Robin Hollow Pond East Sneece Brook ^{NEW}	<i>Group 4</i> Slatersville Reservoir pathogens, phosphorus	Tarkiln Brook Blackstone R. - ammonia, DO/nutrients	Burnt Swamp Brook - pathogens Catamint Brook - pathogens
Coastal Waters	Sakonnet River The Cove - Island Park Green Hill Pond - pathogen Ninigret Pond Factory Pond Stream Teal Pond Stream Mitchell Brook - pathogens Saugatucket Pond - phosphorus, noxious aquatic plants Indian Run Brook - pathogens, Cu, Pb, Zn ^{NEW} Saugatucket River - pathogen Rocky Brook Saugatucket River (estuary) * H>T Point Judith Pond* H>T Sands Pond - excess algae, turbidity, taste & odor, phosphorus ^{NEW} H>T	Green Hill Pond - DO ^{NEW}				Pettaquamscutt River - 1>5 Gilbert Stuart Brook - 1>5 Crooked Brook - 1>5 Saugatucket Pond - biodiversity Mitchell Brook - biodiversity, Fe Saugatucket River - biodiversity, Fe	
Moshassuck River			Barney Pond West River (middle)			Moshassuck River West River (lower)	Moshassuck River - TSS
Narragansett Bay waters	Seekonk River - DO/ nutrients, excess algae Providence R. -DO/ nutrients, excess algae Palmer River - DO/nutrients Hardig Brook - pathogens Apponaug Cove Brushneck Cove Buttonwoods Cove Greenwich Bay Greenwich Cove Warwick Cove Tuskatucket Brook ^{NEW} Kickemuit Reservoir Upper Kickemuit R - pathogens Bissel Cove H>T	Upper Nar'gansett Bay - DO, nutrients ^{NEW} Potter Cove Wickford Harbor Baker Creek ^{NEW} Mount Hope Bay - nutrients	Runnins R - biodiversity, Pb, DO Gorton Pond Hardig Bk. - biodiversity; Pb 3>2 Sandhill Brook Pierce Brook Mount Hope Bay - pathogens Kickemuit River Upper Kickemuit R -biodiversity Lawton Brook- biodiversity Maidford River -pathogen Sandy Pond (Little Pond) Old Mill Creek ^{NEW} Maskerchugg Creek ^{NEW} Frenchtown Brook ^{NEW}	Warwick Pond Buckeye Brook Prince's Pond Silver Creek Brickyard Pond ^{NEW} Belleville Pond ^{NEW} Bailey Brook - M>L Maidford River biodiversity M>L Paradise Brook ^{NEW} Jamestown Brook M>L ; Pb 3>2	<i>Group 3</i> Providence River - metals <i>Group 4</i> Gardiner Pond -biodiversity Nelson Paradise Pond - biodiversity North Easton Pond - biodiversity, excess algal growth Saint Mary's Pond - biodiversity Lawton Valley Reservoir - biodiversity Sisson Pond - biodiversity	Seekonk River - pathogens Providence River - pathogens Barrington River Runnins River - pathogens Palmer River - pathogens 1>5 Upper Narragansett Bay - pathogens Allen's Harbor - Total Toxics Fry Brook Hunt River Scrabletown Brook East Passage (McAlister Point) Mt Hope Bay - pathogens 1>5 ; biodiversity/thermal mod. 1>5 Stafford Pond	Bailey Brook - Pb Jamestown Brook - Cu Mt Hope Bay (Closed Shellfish Safety Zone only) - pathogen

2002 303(d) list
Summary of Changes and TMDL Schedules by Watershed

WATERSHED/ BASIN	GROUP 1	GROUP 2			GROUP 3 & GROUP 4	GROUP 5	DE-LISTED
	2002-2004	2005-2007	2008 – 2012	2012+			
Pawcatuck River	Pawcatuck River (tidal) pathogens, DO* H>T Little Narragansett Bay* H>T Yawgoo Pond H>T ; phosphorus, excess algae ^{NEW} Barber Pond H>T Chickasheen Brook ^{NEW}		Chipuxet River Cd ^{NEW} ; Pb 3>2 Hundred Acre Pond Pawcatuck River - unknown toxicity/ biodiversity Canochet Brook - Cd ^{NEW} ; Pb 3>2 Deep Pond Chapman Pond	Ashaway River - Pb 3>2, Cd ^{NEW} Meadowbrook Pond Hg ^{NEW} Wincheck Pond Hg ^{NEW} Yawgoog Pond Hg ^{NEW}	<i>Group 4</i> Wood River - biodiversity, unknown toxicity		
Pawtuxet River	Mashapaug Pond bacteria ^{NEW}	Spectacle Pond ^{NEW}	Pawtuxet River S. Branch - Pb Pawtuxet River N. Branch - Pb Roger Williams Park Ponds Cedar Swamp Brook Simmons Reservoir Pocasset River Moswansicut Stream	Three Ponds Brook Three Ponds - Cu, Pb, DO/nutrients Quidnick Reservoir - Hg Print Works Pond - Pb Sand Pond Upper Dam Pond ^{NEW}	<i>Group 3</i> Pawtuxet R.(South Branch) - Cd Pawtuxet R. (North Branch) - Cd Meshanticut Brook - Cu, Pb <i>Group 4</i> Three Ponds - pathogens Print Works Pond - chlorides, pathogens, suspended solids Simmons Brook - pathogens	Pawtuxet River (main stem) - biodiversity, Pb, DO/nutrients	
Ten Mile River			Ten Mile River H>M ; Cu, Cd ^{NEW} Turner Reservoir (N & S) H>M Slater Park Pond H>M Upper Ten Mile R. ^{NEW} Omega Pond ^{NEW}		<i>Group 4</i> Turner Reservoir (N & S) - pathogens		
Thames River			Bowdish Reservoir ^{NEW}	Keach Brook Cd, P b 3>2			
Woonasquatucket River	Woonasquatucket River metals, pathogens		Lower Sprague Reservoir Woonasquatucket R - PCBs, biodiversity	Nine Foot Brook Woonasquatucket R - Hg M>L		Latham Brook Woonasquatucket R. - DO/excess algae; pathogens	

* Targeted Watershed - TMDL development underway; scheduled for completion 2005-2007

Bold comment indicates a change from 2000 303(d) list.