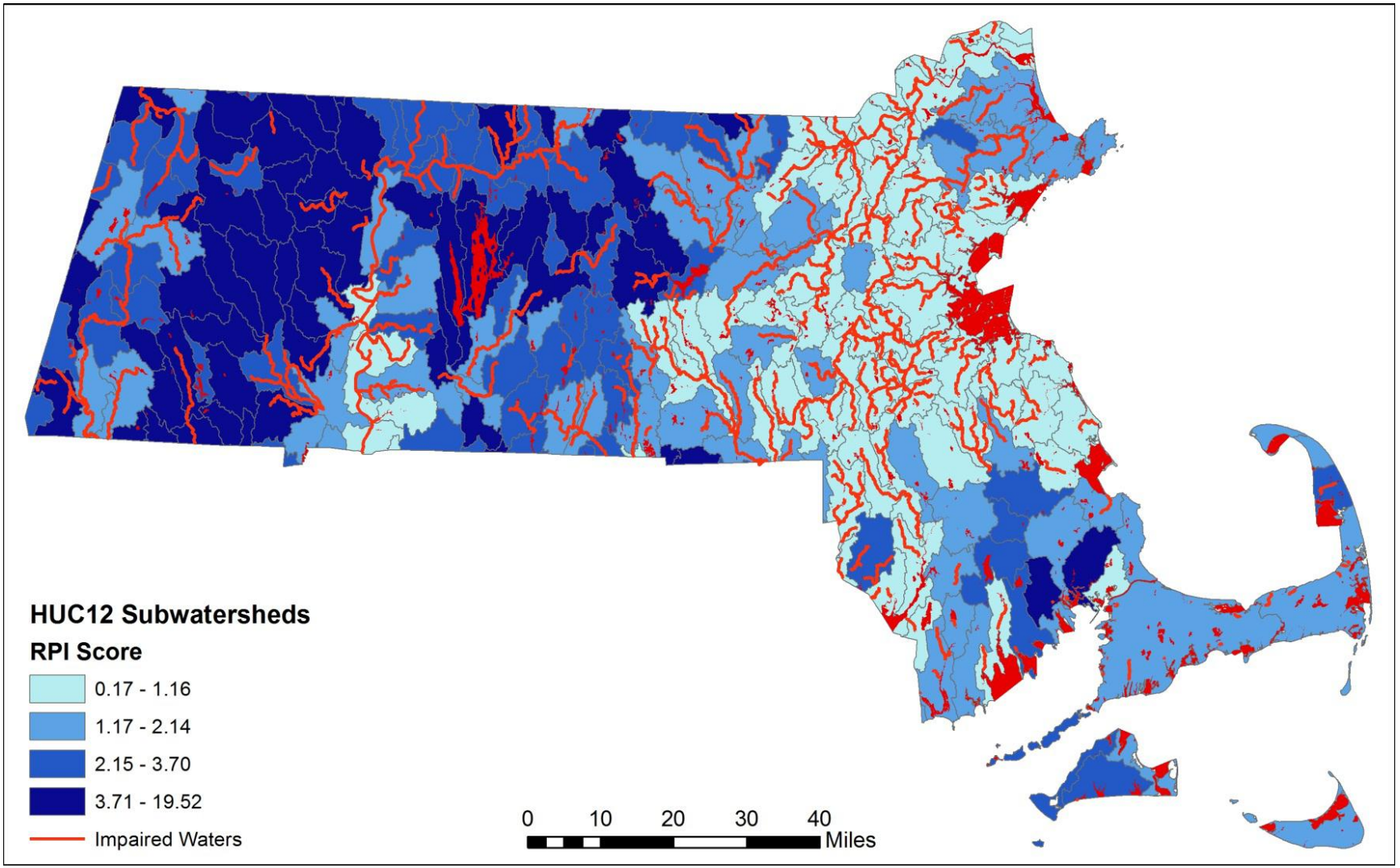
FFY 2014 Section 319 Nonpoint Source Pollution Competitive Grants Program

Output from the Recovery Potential Screening Tool with 319 eligible impairments, 2013



2014 Priority Waterbodies for 319

The following Massachusetts waterbodies are proposed as nonpoint source impaired waters that are most likely to respond to remediation efforts that will result in meeting water quality standards.
Waterbodies listed here are defined by segment or waterbody number in the Water Quality Assessment Reports for the respective basins, (http://www.mass.gov/dep/water/resources/wqassess.htm#wqar). Water quality impairments are found in the Final Massachusetts 2010 Integrated list of Waters (http://www.mass.gov/dep/water/resources/tmdls.htm)
This list has been developed using the following approach:

1. The Massachusetts Recovery Potential Screening Tool was used to identify HUC-12 subwatersheds that are most highly recoverable. Watersheds showing high and medium-high recoverability potential (darkest and next darkest blue) were selected.
2. For watersheds selected in Step 1, maps of MS4 regulated areas were compared to watershed maps found in the Water Quality Assessment Reports. Segment locations were reconciled with regulated areas, and the waterbodies located in regulated areas were screened out as ineligible to receive 319 funds.*
3. For remaining waterbodies, the Integrated List of Waters was examined to identify segments impaired by causes most likely to respond to NPS BMPs and remediation efforts.
4. The targeted waterbodies are shown below, with the water quality impairments that can most effectively be addressed through NPS BMPs and suggested BMP types to be implemented.
5. Applicants are referred to Water Quality Assessment Reports found at http://www.mass.gov/dep/water/resources/wqassess.htm#wqar for information about Category 4C (non-pollutant) impairment causes shown in parentheses in the table below.

This is a partial list. Applicants wishing to work in other watersheds are encouraged to follow similar methodology in order to identify competitive, high priority projects.

BASIN	Segment ID	Description	Size	Impairment Cause	BMP type
Deerfield					
South River	MA33-08	Emments Road Ashfield to confluence with Deerfield River, Conway.	12.957 MILES		
				Fecal Coliform	bacteria
				(Physical substrate habitat alterations*)	Sediment, dam removal, bank stabilization

BASIN	Segment ID	Description	Size	Impairment Cause	BMP type
Chickley River	MA33-11	Headwaters Savoy Mountain State Forest, Savoy to confluence with Deerfield River, Charlemont.	11.084 MILES		
				Fecal Coliform	bacteria
Green River	MA33-30	From Greenfield swimming pool dam (northwest of Nashs Mill Road), Greenfield to confluence with the Deerfield River, Greenfield . (formerly segment MA33-10 and part of segment MA33-09)	3.735 MILES		
				Fecal Coliform	bacteria
Farmington					
Big Pond	MA31004	Otis	325.203 ACRES		
				Oxygen, Dissolved	nutrients
Shaw Pond	MA31036	Becket/Otis	80.431 ACRES		
				Oxygen, Dissolved	nutrients
Upper Spectacle Pond	MA31044	Sandisfield/Otis	52.655 ACRES		
				Oxygen, Dissolved	nutrients
York Lake	MA31052	New Marlborough	28.763 ACRES		
				Oxygen, Dissolved	nutrients
Hoosic					
Cheshire Reservoir, North Basin	MA11002	[North Basin] Cheshire	284.024 ACRES		
				Nutrient/Eutrophication Biological Indicators	nutrients
				Turbidity	nutrients
Mauserts Pond	MA11009	Clarksburg	50.896 ACRES		
				Enterococcus	bacteria
Cheshire Reservoir, South Basin	MA11019	[South Basin] Cheshire/Lanesborough	91.718 ACRES		
				Excess Algal Growth	nutrients

BASIN	Segment ID	Description	Size	Impairment Cause	BMP type
North Branch Hoosic River	MA11-02	From USGS Gage, North Adams to confluence with Hoosic River, North Adams.	1.537 MILES		
				(Other flow regime alterations*)	Site specific
				(Alteration in stream-side or littoral vegetative covers*)	Sediment, bank stabilization
				Fecal Coliform	bacteria
Hoosic River	MA11-03	Headwaters, outlet Cheshire Reservoir, Cheshire to Adams WWTP discharge, Adams.	8.841 MILES		
				(Physical substrate habitat alterations*)	Sediment, dam removal, bank stabilization, natural channel restoration
				Temperature, water	Streamside vegetation
				(Other flow regime alterations*)	Site specific
				Fecal Coliform	bacteria
				(Alteration in stream-side or littoral vegetative covers*)	Sediment, bank stabilization
Hoosic River	MA11-04	Adams WWTP discharge, Adams to confluence with North Branch Hoosic River, North Adams.	5.387 MILES		
				(Alteration in stream-side or littoral vegetative covers*)	Sediment, bank stabilization
				(Other flow regime alterations*)	Site specific
				Fecal Coliform	bacteria
Hoosic River	MA11-05	Confluence with North Branch Hoosic River, North Adams to the Vermont State line, Williamstown.	8.225 MILES		
				(Other flow regime alterations*)	Site specific
				Fecal Coliform	bacteria
				(Alteration in stream-side or littoral vegetative covers*)	Sediment, bank stabilization
Green River	MA11-06	Headwaters southwest of Sugarloaf Mountain (west of Ingraham Road), New Ashford to confluence with Hoosic River, Williamstown.	12.498 MILES		
				Fecal Coliform	bacteria

BASIN	Segment ID	Description	Size	Impairment Cause	BMP type
Paull Brook	MA11-20	Headwaters, outlet of Mt. Williams Reservoir, North Adams to confluence with unnamed tributary, Williamstown.	2.089 MILES		
				Fecal Coliform	bacteria
Housatonic					
Lake Buel	MA21014	Monterey/New Marlborough	194.396 ACRES		
				Dissolved oxygen saturation	nutrients
				Oxygen, Dissolved	nutrients
				Phosphorus (Total)	nutrients
Housatonic River	MA21-04	Confluence of Southwest Branch Housatonic River and West Branch Housatonic River, Pittsfield to outlet of Woods Pond, Lee/Lenox (pond was formerly segment MA21120).	12.322 MILES		
				Fecal Coliform	bacteria
Lake Garfield	MA21040	Monterey	256.898 ACRES		
				Nitrogen (Total)	nutrients
				Oxygen, Dissolved	nutrients
Laurel Lake	MA21057	Lee/Lenox	173.51 ACRES		
				Dissolved oxygen saturation	nutrients
				Oxygen, Dissolved	nutrients
				Phosphorus (Total)	nutrients
Wahconah Falls Brook	MA21-11	Headwaters, outlet of Windsor Reservoir, Windsor to confluence with East Branch Housatonic River, Dalton.	3.381 MILES		
				Fecal Coliform	bacteria
Housatonic River	MA21-19	Outlet of Woods Pond, Lee/Lenox to the Risingdale Impoundment dam, Great Barrington (impoundment formerly segment MA21121).	19.88 MILES		
				Excess Algal Growth	nutrients
				Phosphorus (Total)	nutrients
Millers					
Gales Pond	MA35024	Warwick	11.732 ACRES		

BASIN	Segment ID	Description	Size	Impairment Cause	BMP type
				Turbidity	nutrients
Millers River	MA35-03	Confluence with Otter River, Winchendon to South Royalston USGS Gage, Royalston.	3.516031 MILES		
				Phosphorus (Total)	nutrients
Laurel Lake	MA35035	Erving/Warwick	44.426 ACRES		
				Oxygen, Dissolved	nutrients
Millers River	MA35-04	South Royalston USGS Gage, Royalston to Erving Center WWTP (formerly known as Erving Paper Company), Erving.	18.462 MILES		
				Fecal Coliform	bacteria
				Phosphorus (Total)	nutrients
Beaver Brook	MA35-09	Fernald School discharge, Templeton to confluence with Millers River, Royalston.	3.426302 MILES		
				Fecal Coliform	bacteria
Westfield					
Westfield River	MA32-05	Confluence with Middle Branch Westfield River, Huntington to Route 20 Bridge, Westfield.	17.837 MILES		
				Turbidity	nutrients
				Excess Algal Growth	nutrients
Powdermill Brook	MA32-09	Source, east of Pitcher Road, Montgomery to confluence with Westfield River, Westfield.	9.542397 MILES		
				Turbidity	nutrients
				Sedimentation/Siltation	Sediment, bank stabilization
				Excess Algal Growth	nutrients
Moose Meadow Brook	MA32-23	Source in wetland west of Bungy Mountain, Montgomery to confluence with Westfield River, Westfield.	8.175 MILES		
				Fecal Coliform	
				Turbidity	nutrients
Little River	MA32-36	From the dam northwest of Gorge Road, Russell to Horton's Bridge, Westfield. (formerly part of segment MA32-26)	5.809 MILES		

BASIN	Segment ID	Description	Size	Impairment Cause	BMP type
				Escherichia coli	bacteria
Jacks Brook	MA32-39	Headwaters, east of Fowler Road, Westfield to inlet of Crane Pond/Little River, Westfield.	2.4 MILES		
				Escherichia coli	bacteria