

Watershed Inventory Table - DRAFT

Cover Sheet

Impairment Codes	
Category 1	Attaining all designated uses and water quality standards, and no use is threatened.
Category 2	Attains some of the designated uses; no use is threatened; and insufficient data or no data and information is available to determine if the remaining uses are attained or threatened (with presumption that all uses are attained).
Category 3	Insufficient data and information to determine if designated uses are attained (with presumption that one or more uses may be impaired).
Category 4	Impaired or threatened for one or more designated uses, but does not require development of a TMDL.
Category 4-A	TMDL is completed. A TMDL is complete but insufficient new data exists to determine that attainment has been achieved.
Category 4-B	Other pollution control requirements are reasonably expected to result in attainment of standards in the near future.
Category 4-C	Impairment is not caused by a pollutant.
Category 5	Waters impaired or threatened for one or more designated uses by a pollutant(s) and a TMDL is required.
Category 5-A	Impairment caused by pollutants (other than those listed in 5-B through 5-D). A Total Maximum Daily Load is required and will be conducted by the State of Maine.
Category 5-B	Impairment is caused solely by bacteria contamination. A TMDL is required.
Category 5-C	Impairment caused by atmospheric deposition of mercury. A regional TMDL is required.
Category 5-D	Impairment caused by a “legacy” pollutant.

Source: DEP's 2016 Integrated Water Quality Monitoring and Assessment Report

Water Classifications	
Class AA Waters	Managed for their outstanding natural ecological, recreational, social, and scenic qualities. Direct discharge of pollutants is allowed but highly restricted. Dams and other significant human disturbances are prohibited.
Class A Waters	Managed for high quality with limited human disturbance allowed. Direct discharges are allowed but highly restricted. Physical and chemical characteristics should be similar to natural conditions.
Class B Waters	General-purpose waters and are managed to attain good physical, chemical and biological water quality. Well-treated discharges with ample dilution are allowed.
Class C Waters	Managed to attain at least the swimmable-fishable goals of the Federal CWA, including support of indigenous fish species. Aquatic life standards require maintenance of the structure and function of the biological community.

Source: DEP's 2016 Integrated Water Quality Monitoring and Assessment Report

Lakes Most at Risk from New Development & Urban Impaired Streams Criteria (DEP Chapter 502)	
Lakes Most at Risk from New Development	A lake is considered most at risk from new development if it is a public water supply, or has been identified by the department as being in violation of class GPA water quality standards or as particularly sensitive to eutrophication.
Urban Impaired Stream	A stream is considered impaired if it fails to meet water quality standards because of effects of stormwater runoff from developed land.

Source: DEP's Chapter 502: DIRECT WATERSHEDS OF LAKES MOST AT RISK FROM NEW DEVELOPMENT, AND URBAN IMPAIRED STREAMS (December 27, 2006)

Maine DEP - Nonpoint Source (NPS) Priority Watersheds	
Impaired Watersheds	NPS Priority Impaired Watersheds are chosen based on a variety of criteria by DEP. These criteria include impairment categories, TMDL reports, risk factors include development and highway access, growth trends, etc.
Threatened Watersheds	Unimpaired waters that are subject to potential impacts from NPS pollution

Source: DEP's Maine Nonpoint Source Management Program Plan 2015 - 2019 (September 15, 2014)

Watersheds highlighted in green are considered to be in good health (not impaired or threatened).
Watersheds highlighted in yellow are considered to be threatened.
Watersheds highlighted in red are considered to be impaired.

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																Needed	Completed	
Presumpscot River Major Basin	Sebago Lake Basin	Hyde Brook	Flows to Sebago Lake, to Presumpscot River	Raymond	Class B	<i>n/a</i>	1	<i>n/a</i>	No	No	See Presumpscot	<i>n/a</i>	No	No	<i>n/a</i>	No	No	See Presumpscot
		Pettingill Pond	Flows to Chaffin Pond, to Outlet Brook, to Presumpscot River	<i>n/a</i>	GPA	<i>n/a</i>	1	<i>n/a</i>	Yes	No	2010: Storm Comp Fund project completed	<i>n/a</i>	No	<i>n/a</i>	Yes	No	No	NPS Watershed Survey (?) Assistance from PWD (?)
		Chaffin Pond	Flows to Outlet Brook, to Presumpscot River	<i>n/a</i>	GPA	<i>n/a</i>	1	<i>n/a</i>	Yes	No	See Presumpscot	<i>n/a</i>	No	<i>n/a</i>	No	No	No	Assistance from PWD (?)
		Outlet Brook	Flows to Presumpscot River	<i>n/a</i>	Class B	<i>n/a</i>	1	<i>n/a</i>	No	No	See Presumpscot	<i>n/a</i>	No	No	<i>n/a</i>	No	No	See Presumpscot
		Sebago Lake	Flows to Presumpscot River	Casco, Naples, Raymond, Standish, Windham	GPA	No	1	<i>n/a</i>	Yes	Yes <i>Threatened</i>	2009-2011: 319 Implementation Phase I 2012-2014: 319 Implementation Phase II 2015: Watershed Protection Plan developed 2015: Subwatershed Assessment and Prioritization Report developed 2016-2018: 319 Implementation Phase III	<i>n/a</i>	Yes 2015	<i>n/a</i>	Yes <i>Eligible</i>	No	No	319 Implementation Phase IV
	Little Sebago/Ditch Brook Basin	Mud Ponds	Flows to Little Sebago Lake, to Mill Pond, to Collins Pond, to Ditch Brook, to Pleasant River to Presumpscot River	<i>n/a</i>	GPA	<i>n/a</i>	1	<i>n/a</i>	No	No	See Presumpscot	<i>n/a</i>	No	<i>n/a</i>	No	No	No	See Presumpscot
		Tarkill Pond	Flows to Little Sebago Lake, to Mill Pond, to Collins Pond, to Ditch Brook, to Pleasant River to Presumpscot River	<i>n/a</i>	GPA	<i>n/a</i>	1	<i>n/a</i>	No	No	See Presumpscot	<i>n/a</i>	No	<i>n/a</i>	Yes	No	No	See Presumpscot
		Little Sebago Lake	Flows to Mill Pond, to Collins Pond, to Ditch Brook, to Pleasant River to Presumpscot River	Gray	GPA	<i>n/a</i>	1	<i>n/a</i>	Yes	YES <i>Threatened</i>	2005 TMDL Management Plan with survey; 2005-2008 Implementation Project Phase I; 2006-2009 Implementation Project Phase II; 2010-2012 Implementation Project Phase III; 2013-2016 Implementation Project Phase IV.	<i>n/a</i>	Yes 2013	<i>n/a</i>	Yes <i>\$232 Upper Basin & \$2800 Hunger Basin as of 1/19/18</i>	No	No	Reach out to Lake Association to help strengthen existing programs Potentially apply for Phase V 319 grant Update Watershed Protection Plan
		Mill Pond	Flows to Collins Pond, to Ditch Brook, to Pleasant River to Presumpscot River	<i>n/a</i>	GPA	<i>n/a</i>	1	<i>n/a</i>	No	No	See Presumpscot	<i>n/a</i>	No	<i>n/a</i>	No	No	No	See Presumpscot
		Collins Pond	Flows to Ditch Brook, to Pleasant River to Presumpscot River	<i>n/a</i>	GPA	<i>n/a</i>	1	<i>n/a</i>	No	No	See Presumpscot	<i>n/a</i>	No	<i>n/a</i>	Yes	No	No	See Presumpscot
		Ditch Brook	Flows to Pleasant River to Presumpscot River	<i>n/a</i>	Class B	<i>n/a</i>	1	<i>n/a</i>	No	No	See Pleasant River	<i>n/a</i>	No	No	<i>n/a</i>	No	No	See Pleasant River

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																Needed	Completed	
Presumpscot River Major Basin	Pleasant River Basin	Ollie Brook	Flows to Glantz Brook, to Pleasant River to Presumpscot River	n/a	Class B	n/a	1	n/a	No	No	See Pleasant River	n/a	No	No	n/a	No	No	See Pleasant River
		Glantz Brook	Flows to Pleasant River to Presumpscot River	Gray	Class B	n/a	1	n/a	No	No	See Pleasant River	n/a	No	No	n/a	No	No	See Pleasant River
		Elmer Brook	Flows to Elmer Brook, to Pleasant River to Presumpscot River	n/a	Class B	n/a	1	n/a	No	No	See Pleasant River	n/a	No	No	n/a	No	No	See Pleasant River
		Legrande Brook	Flows to Pleasant River to Presumpscot River	n/a	Class B	n/a	1	n/a	No	No	See Pleasant River	n/a	No	No	n/a	No	No	See Pleasant River
		Stanley Hall Brook	Flows to Pleasant River to Presumpscot River	n/a	Class B	n/a	1	n/a	No	No	See Pleasant River	n/a	No	No	n/a	No	No	See Pleasant River
		Baker Brook	Flows to Dutton Hills Brook, to Pleasant River to Presumpscot River	n/a	Class B	n/a	1	n/a	No	No	See Pleasant River 2016: CCSWCD assisted Windham with proposal for culvert replacement through State water bond fund	n/a	No	No	n/a	No	No	See Pleasant River
		Dutton Hills Brook	Flows to Pleasant River to Presumpscot River	n/a	Class B	n/a	1	n/a	No	No	See Pleasant River	n/a	No	No	n/a	No	No	See Pleasant River
		Haskell Brook	Flows to Pleasant River to Presumpscot River	n/a	Class B	n/a	1	n/a	No	No	See Pleasant River	n/a	No	No	n/a	No	No	See Pleasant River
		Pleasant River	Flows to Presumpscot River	Gray	Class B	Yes	4-A 5-A	High E. Coli levels Low D.O.	No	YES Impaired	2009: NPS Watershed survey 2010:319 Phase I Implementation Project completed by CCSWCD 2011: Watershed Based Management Plan	TMDL approved by EPA (4A) 9/28/2009 Approval of Statewide Bacteria TMDL 9/28/2009: Recreational use impairments now Category 4-A due to approval of statewide bacteria TMDL. Also in Category 5-A for DO. 5/29/2012: Will be included in a Statewide NPS TMDL when analysis is complete. Corrected length from 8.8 to 11.2 miles. Presumpscot Riverwatch (VRMP) monitoring showed occasional low DO values in 2009 and 2010 at one location. Also in Category 4-A for bacteria. 5/29/2012: Corrected length from 8.8 to 11.2 miles. 5/27/2014: Watershed Management Plan completed in June 2011; Watershed Restoration Project, Phase I completed in September 2013. The upper portion of this segment is in Gray. 11/10/2015: Statewide NPS TMDL to go out for public review in late 2015. Watershed Management Plan completed in June 2011; Watershed Restoration Project, Phase I completed in September 2013. The upper portion of this segment is in Gray. 10/7/2016: Dissolved oxygen impairment excluded from Statewide NPS TMDL (approved 8/9/2016); DEP expects to include this impairment in a future update to this TMDL. 10/7/2016: DO impairment excluded from Statewide NPS TMDL (approved 8/9/2016); DEP expects to include this impairment in a future update to this TMDL.	Yes 2011	No	n/a	Yes 2017	No	Updated Watershed Based Management Plan Submit for Phase II 319 Implementation Funds (agriculture focused)

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																Needed	Completed	
Presumpscot River Major Basin	Otter Brook Basin	Otter Brook	Flows to Presumpscot River	n/a	Class B	Yes	4-A 5-A	High E. Coli levels Low D.O.	No	YES Impaired	See Presumpscot	TMDL approved by EPA (4A) 9/28/2009 Approval of Statewide Bacteria TMDL 9/28/2009: Recreational use impairments now Category 4-A due to approval of statewide bacteria TMDL. Also in Category 5-A for DO. 5/29/2012: TMDL monitoring for dissolved oxygen in 2007; will be included in a Statewide NPS TMDL when analysis is complete. Corrected mapping. Also in Category 4-A for bacteria. 11/10/2015: Statewide NPS TMDL to go out for public review in late 2015. 10/7/2016: Dissolved oxygen impairment excluded from Statewide NPS TMDL (approved 8/9/2016); DEP expects to include this impairment in a future update to this TMDL. 10/7/2016: DO impairment excluded from Statewide NPS TMDL (approved 8/9/2016); DEP expects to include this impairment in a future update to this TMDL.	No	No	n/a	Yes 2017	No	See Presumpscot Watershed Based Management Plan (?)
	Black Brook Basin	Black Brook	Flows to Presumpscot River	n/a	Class B	Yes	5-A	High E. Coli levels	No	YES Impaired	See Presumpscot	4/13/2010: Will be included in future update to Statewide bacteria TMDL (approved 9/28/09). 5/29/2012: TMDL monitoring in 2007; will be included in a Statewide NPS TMDL for aquatic life use impairment (DO) when analysis is complete. Corrected length from 6.07 to 8.2 miles in 2012 cycle. 11/10/2015: Statewide NPS TMDL to go out for public review in late 2015. Length correction in 2012 was in error, stream is 6.07 miles long; length corrected from 8.2 to 6.07 miles in 2014 cycle. 10/7/2016: Bacteria TMDL in development (for inclusion in future update to statewide bacteria TMDL, approved 9/28/09). 10/7/2016: DO impairment excluded from Statewide NPS TMDL (approved 8/9/2016); DEP expects to include this impairment in a future update to this TMDL. 10/7/2016: Bacteria TMDL in development. Dissolved oxygen impairment excluded from Statewide NPS TMDL (approved 8/9/2016); DEP expects to include this impairment in a future update to this TMDL.	No	No	n/a	Yes 2017	No	Watershed Based Management Plan
	Presumpscot River Basin	North Gorham Pond	Flows to Dundee Pond, to Presumpscot River	Gorham	GPA	n/a	1	n/a	No	No	See Presumpscot	n/a	No	No	Yes	No	No	See Presumpscot
		Dundee Pond	Flows to Presumpscot River	Gorham	GPA	n/a	1	n/a	No	No	See Presumpscot	n/a	No	No	Yes	No	No	See Presumpscot
		Anderson Brook	Flows to Presumpscot River	n/a	Class B	n/a	1	n/a	No	No	See Presumpscot		No	No	n/a	No	No	See Presumpscot
		Presumpscot River	Flows to Atlantic Ocean	Standish, Windham, Gorham, Westbrook, Portland, and Falmouth before emptying into Casco Bay at Falmouth	Class A Class B	Yes	2 Above Dundee Dam 4-C Between Dundee Dam and Saccarappa Dam	Other flow regime alterations	No	No	EPA Targeted Watershed Grant Completed Water quality monitoring completed by Presumpscot River Watch Presumpscot River Youth Conservation Corps operated 2006-2008	Main Stem (above Dundee Dam) - Class A/Category 2 9/4/2012: Corrected length from 16.14 to 10.52 miles. Statutory class is Class A to confluence with Pleasant River, Class B below that point. Impoundments. 7/18/2015: Corrected spelling of dam from 'Sacarappa' to 'Saccarappa'. Water Quality Certificate and FERC license for Eel Weir Dam issued in March 2015. Improved flow regulation from Eel Weir Dam expected to improve DO conditions in Presumpscot River.	No	No	n/a	No	Yes 1998 BOD TSS	Healthy Watershed Consortium grant submitted in 2018 Need to pursue/are pursuing survey and management plans for impaired tributaries

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																Needed	Completed	
Presumpscot River Major Basin	Colley Wright Brook Basin	Colley Wright Brook	Flows to Presumpscot River	n/a	Class B	Yes	4-A 5-A	High E. Coli levels Low D.O.	No	YES Impaired	See Presumpscot	TMDL approved by EPA (4A) 9/28/2009 Approval of Statewide Bacteria TMDL 9/28/09: Recreational use impairments now Category 4-A due to approval of statewide bacteria TMDL. Also in Category 5-A for DO. 5/29/2012: TMDL monitoring for dissolved oxygen in 2007; will be included in a Statewide NPS TMDL when analysis is complete. Also in Category 4-A for bacteria. 11/10/2015: Statewide NPS TMDL to go out for public review in late 2015. 10/7/2016: DO impairment excluded from Statewide NPS TMDL (approved 8/9/2016); DEP expects to include this impairment in a future update to this TMDL. 10/7/2016: Dissolved oxygen impairment excluded from Statewide NPS TMDL (approved 8/9/2016); DEP expects to include this impairment in a future update to this TMDL.	No	No	n/a	Yes 2017	No	Watershed Based Management Plan
	Inkhorn Brook Basin	Small Brook	Flows to Inkhorn Brook, to Presumpscot River	n/a	Class B	n/a	1	n/a	No	No	See Presumpscot	n/a	No	No	n/a	No	No	See Presumpscot
		Milliken Brook	Flows to Inkhorn Brook, to Presumpscot River	n/a	Class B	n/a	1	n/a	No	No	See Presumpscot	n/a	No	No	n/a	No	No	See Presumpscot
		Lincoln Weeks Brook	Flows to Inkhorn Brook, to Presumpscot River	n/a	Class B	n/a	1	n/a	No	No	See Presumpscot	n/a	No	No	n/a	No	No	See Presumpscot
		Inkhorn Brook	Flows to Presumpscot River to Casco Bay	Windham	Class B	Yes	4-A	High E. Coli levels	No	YES Impaired	See Presumpscot	TMDL approved by EPA (4A) 9/28/2009 Approval of Statewide Bacteria TMDL 9/28/2009: Recreational use impairments now Category 4-A due to approval of statewide bacteria TMDL. Also in Category 5-A for DO. 5/29/2012: TMDL monitoring for dissolved oxygen in 2007; will be included in a Statewide NPS TMDL when analysis is complete. Corrected mapping. Also in Category 4-A for bacteria. 11/10/2015: Statewide NPS TMDL to go out for public review in late 2015. 10/7/2016: DO impairment excluded from Statewide NPS TMDL (approved 8/9/2016); DEP expects to include this impairment in a future update to this TMDL. 10/7/2016: Dissolved oxygen impairment excluded from Statewide NPS TMDL (approved 8/9/2016); DEP expects to include this impairment in a future update to this TMDL.	No	No	n/a	Yes 2017	No	Watershed Based Management Plan
	Highland Lake/Mill Brook Basin	Little Duck Pond	Flows to McIntosh Brook, to Highland Lake, to Mill Brook, to Presumpscot River	n/a	GPA	n/a	1	n/a	Yes	No	See Highland Lake	n/a	No	n/a	Yes	No	No	See Highland Lake
		McIntosh Brook	Flows to Highland Lake, to Mill Brook, to Presumpscot River	n/a	Class B	n/a	1	n/a	No	No	See Highland Lake	n/a	No	No	n/a	No	No	See Highland Lake
		Highland Lake	Flows to Mill Brook, to Presumpscot River, to Casco Bay	Windham	GPA	No	2	n/a	Yes	YES Threatened	1999: WMP developed by CCSWCD 2003: 319 Phase I complete by CCSWCD 2005: Watershed Based Plan completed by DEP & CCSWCD 2008: 319 Phase II complete by CCSWCD 2010: 319 Phase III complete by CCSWCD	Listed as impaired until 2010	No	n/a	Yes \$7,300 as of 1/19/18	No	Yes 2003	Highland Lake Leadership Team formed in 2018 NPS Watershed Survey planned for 5/19/18 Watershed Based Management Plan to be updated

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Presumpscot River Major Basin	Forest Lake Basin	Forest Lake	Flows to Piscataqua River, to Presumpscot River	Gray, Cumberland	GPA	n/a	1	n/a	YES	YES Threatened	NPS Watershed Survey Phase I 319 Phase II 319 2017: NPS Watershed Survey 2018: Watershed Protection Plan	n/a	No	n/a	YES	No	No	2018: Apply for 319 Phase III Implementation