2010

Rivers and Streams in the Casco Bay Watershed that are Considered Impaired

Maine Department of Environmental Protection

Rivers and Streams in the Casco Bay watershed that are considered impaired. (Maine DEP 2010)

Water Body	**Stream Length (miles)**	**Type of Impairment Observed**
Barberry Creek (S. Portland)	3.03	Benthic Macroinvertebrate Assessment,Habitat Assessment
Black Brook (Windham)	6.07	Dissolved Oxygen
Capisic Brook	3.02	Benthic Macroinvertebrate and Habitat Assessments
Chandler River including East Branch	27.19	Dissolved Oxygen
Clark Brook (Westbrook)	1.23	Dissolved Oxygen
Cole Brook (Gray)	2.49	Benthic Macroinvertebrate Assessment
Colley Wright Brook (Windham)	8.16	Bacteria, Dissolved Oxygen
Concord Gulley (Freeport)	2.47	Benthic Macroinvertebrate and Habitat Assessments, Bacteria, Dissolved Oxygen
Dole Brook (Portland)	1.6	Benthic Macroinvertebrate Assessment
Fall Brook (Portland)	2.54	Habitat Assessment
Frost Gulley Brook	4.04	Benthic Macroinvertebrate and Habitat Assessments, Bacteria
Hobbs Brook (Cumberland)	1.54	Bacteria, Dissolved Oxygen
Inkhorn Brook (Westbrook)	4.32	Bacteria, Dissolved Oxygen
Kimball Brook	1.55	Benthic Macroinvertebrate and Habitat Assessments
Long Creek (S. Portland)	4.12	Benthic Macroinvertebrate and Habitat Assessments
Mare Brook (Brunswick)	4.9	Habitat Assessment
Mile Brook (Casco)	2.28	Benthic Macroinvertebrate Assessment
Mosher Brook (Gorham)	2.03	Bacteria, Dissolved Oxygen
Nasons Brook Portland	2	Benthic Macroinvertebrate Assessment
Nason Brook (Gorham)	2.7	Bacteria
Otter Brook (Windham)	2.16	Bacteria, Dissolved Oxygen
Pleasant River (Windham)	8.8	Bacteria, Dissolved Oxygen
Piscataqua River (Falmouth)	12.53	Bacteria
Presumpscot River at Westbrook	Variable mileage, CSO affected	Bacteria
Red Brook (Scarborough, S. Portland)	7.15	Habitat Assessment, PCBs
Stroudwater River (S. Portland, Westbrook)	15.71	Dissolved Oxygen
Thayer Brook (Gray)	3.82	Dissolved Oxygen
Trout Brook (South Portland)	2.93	Benthic Macroinvertebrate and Habitat Assessments

Estuarine and Marine Water Bodies in the Casco Bay watershed that are considered impaired (Maine DEP 2010).

Water Body	Area (acres)	Type of Impairment Observed
Fore River Estuary	768	Marine life, Bacteria, Toxics
Royal River Estuary	173.5	Dissolved Oxygen, Bacteria, Nonpoint Source
Royal River and Cousins River Estuaries	108.8	Bacteria
Portland-Falmouth Area	12,827.6	Bacteria
Falmouth- Cumberland	11.5	Bacteria
Long Island –Cliff island, Portland	617.2	Bacteria
Maquoit Bay, Brunswick and Freeport	300.9	Bacteria
Basin, Ash, Stover Coves, Harpswell	280.1	Bacteria
Orrs and Bailey Island, Harpswell	200.4	Bacteria
Harpswell Sound, Harpwell	547.1	Bacteria
Potts Habor, S. Harpswell	673.3	Bacteria
Gurnett Strait, Harpswell	154.5	Bacteria
New Meadows River, Brunswick, West Bath, Harpswell	12.6	Bacteria
New Meadows Lake, Brunswick, West Bath	22.5	Bacteria, Dissolved Oxygen*
Middle Bay	76.9	Bacteria
Merepoint, Brunswick	14.5	Bacteria
Eastern Bailey-Orr's Island, Western Quahog Bay	1256.6	Bacteria
Card Cove and Orrs Cove, Harpswell	52.1	Bacteria
Northern Quahog Bay	257.3	Bacteria
Little Hen Island and Big Hen Island, Harpswell	70.7	Bacteria
Long Cove, West Bath	7.7	Bacteria

*New Meadows Lake (actually a tidal impoundment) has low dissolved oxygen conditions that have been attributed to the presence of the Bath Road causeway, which limits tidal exchange.