## HOGAN POND

Oxford twp., Oxford Co. U.S.G.S. Mechanic Falls, Me. (7.5')

Fishes

Smallmouth bass Largemouth bass White perch Yellow perch Chain pickerel Minnows Golden shiner Fallfish White sucker Brown bullhead(hornpout) Pumpkinseed sunfish American eel

Physical Characteristics

Area - 177 acres	Temperatures:	
	Surface - 80°F	
Maximum depth - 34 feet	30 feet - 49 <sup>°</sup> F	

Principal fisheries: largemouth bass, white perch, and chain pickerel

Hogan Pond supports extensive expanses of very shallow water overlying a sandy substrate. Dense beds of submerged aquatic plants, rock substrate and other forms of fish structure are not very abundant and are generally confined to areas of extremely shallow water.

Hogan Pond thermally stratifies during the summer, but a severe oxygen deficiency develops well above the thermocline. This condition significantly limits opportunities to manage for coldwater fish, and to a much lesser extent warmwater fish. Cold water fish management is further limited by the presence competing and predatory warmwater fish. Hogan Pond is best managed for warmwater fish.

Water quality and habitat limitations effectively reduce the potential carrying capacity of this pond. Recent angler reports of a decline in the abundance and size quality of warmwater fish may be the result of increased angling pressure on a relatively small fishery resource. An ongoing sea-run alewife stocking program (managed by DMR) was discontinued in 1996 in response to interspecific competition concerns expressed by anglers.

Angler boat access is limited to permissive trespass. Access has occurred at a private set of camps located on the southeast shore of the pond. Current public access accommodations are very tenative and could be terminated in the future. There is a need to acquire permanent public boat access provisions to Hogan Pond.

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