

## Sippican River

Wareham, Marion, Rochester

Stream Length (mi)	Stream Order	pH	Anadromous Species Present
5.0	Third	6.0	Alewife

### Obstruction # 1

Hathaway Pond Dam

Marion

River Mile	Type	Material	Spillway W (ft)	Spillway H (ft)	Impoundment Acreage	Year Built	Owner	GPS
3.6	Dam	Concrete with wooden boards	20.0	5.0	21.5	1900	Private	41° 44' 02.360" N 70° 47' 39.373" W



Hathaway Pond Dam

### Fishway Present

Design	Material	Length (ft)	Inside W (ft)	Outside W (ft)	# of Baffles	Baffle H (ft)	Notch W (ft)	Pool L (ft)	Condition/Function
Weir-pool	Concrete with wood baffles	85.0	2.0	4.8	8	Varied (2.6)	-	Varied (9.5-30.7)	Fair Inefficient passage



Hathaway Pond Ladder

**Obstruction # 2**

Leonards Pond Dam

Rochester

River Mile	Type	Material	Spillway W (ft)	Spillway H (ft)	Impoundment Acreage	Year Built	Owner	GPS
5.0	Dam	Wood	18.0	4.1	42.9	1900	Hiller Brothers Cranberry	41° 44' 53.539" N 70° 48' 16.686" W



Leonards Pond Dam and Ladder

**Fishway** Present

Design	Material	Length (ft)	Inside W (ft)	Outside W (ft)	# of Baffles	Baffle H (ft)	Notch W (ft)	Pool L (ft)	Condition/Function
Denil	Wood	30.0	2.2	2.5	16	3.0	-	-	Fair Inefficient passage

**Remarks:**

The Sippican River is formed by the confluence of its east and west branches. Each of these tributaries flows through a complex system of cranberry bogs and related reservoirs. The two impoundments on the main stem, Hathaway and Leonards Ponds, comprise the only significant herring habitat on the system. The fishway at Hathaway Pond, though functional, has a 200 foot entrance channel and is incapable of discharging sufficient attraction flow to deflect migrating fish from the main channel. A barrier dam across the stream just above the ladder entrance would solve this problem. The second ladder is a wooden Denil installed in 1993 by DMF. It too is functional but less than optimal due to competing attraction flow from the dam spillway; a barrier dam would be useful here as well. Alewives Anonymous, a local volunteer group, installed a counter at this location in 1995. Counts have ranged from a low of 306 fish in 1995 to a high of 957 in 2000 with an average of 555 per year. The Sippican River fishery is also managed by the Tri-Town Committee of Mattapoisett, Marion and Rochester through Section 94 of Chapter 130.