

## OUTFLOW GUIDANCE for BIRCH HILL DAM MILLERS RIVER, MASSACHUSETTS

Revised April 1, 2014		Maximum Outflow (cfs)	Minimum Outflow and Aquatic Base Flow (ABF) (cfs)			Maximum change in Outflow (cfs/hr)	
			Oct. – March ABF=175 cfs	April – May ABF=700 cfs	June – Sept. ABF=90 cfs	Increase	Decrease
<b>BIRCH HILL DAM</b> (DA = 175 sq.mi.)	FLOOD CONTROL	2,800	90 cfs			500 cfs/hr to 2,000 cfs then 200 cfs/hr	1,000 cfs/hr
	NORMAL OPERATION	NA	175 cfs or inflow whichever is less	700 cfs or inflow whichever is less	90 cfs or inflow whichever is less	Incremental gate changes as needed to closely mimic run-of-river flow conditions	
	MAINTENANCE	NA				175 cfs/hr below 700 cfs and 350 cfs/hr above 700 cfs	
	WHITEWATER <sup>(2)</sup>	1,500					

**NOTES:**

1. When storing water to raise the pool to a target pool level, and inflow is less than the seasonal ABF, outflow will be equal to 70% of inflow, therefore, storing only 30% of inflow.
2. During the overnight hours between a 2-day whitewater event, a release equal to inflow will be maintained.
3. Normal pool level: 0 ft