OUTFLOW GUIDANCE for HOP BROOK DAM
HOP BROOK, CONNECTICUT

Revised April 1, 2014		Maximum Outflow (cfs)	Minimum Outflow and Aquatic Base Flow (ABF) in cfs			Maximum change in Outflow (cfs/hr)	
			Oct. – Feb. ABF=20 cfs	March – April ABF=65 cfs	May – Sept. ABF=10 cfs	Increase	Decrease
HOP BROOK DAM (DA = 16.4 sq.mi.)	FLOOD CONTROL	550	20 cfs			100 cfs/hr to 400 cfs then 50 cfs/hr	200 cfs/hr
	NORMAL OPERATION	NA	20 cfs or inflow whichever is less	65 cfs or inflow whichever is less	10 cfs or inflow whichever is less	Weir controls normal pool; however, if needed, incremental gate changes to closely mimic run-of-river flow conditions	
	MAINTENANCE	NA				20 cfs/hr below 65 cfs and 40 cfs/hr above 65 cfs	

NOTES:

1. When storing water to raise the pool to a target level, and inflow is less than the seasonal ABF, outflow will be equal to 70% of inflow, therefore, storing only 30% of inflow.

2. Normal pool level: 18.0 ft