

OUTFLOW GUIDANCE for LITTLEVILLE DAM MIDDLE BR. WESTFIELD 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=50 cfs	April – May ABF=205 cfs	June – Sept. ABF=25 cfs	Increase	Decrease
LITTLEVILLE DAM (DA = 52 sq.mi.)	FLOOD CONTROL	1,500	25 cfs			300 cfs/hr to 1,200 cfs then 100 cfs/hr	500 cfs/hr
	NORMAL OPERATION	NA	50 cfs or inflow whichever is less	205 cfs or inflow whichever is less	25 cfs or inflow whichever is less	<u>Weir controls normal pool;</u> however, if needed, incremental gate changes to closely mimic run-of-river flow conditions	
	MAINTENANCE	NA				50 cfs/hr below 205 cfs and 100 cfs/hr above 205 cfs	
	WHITEWATER (2)	300					

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: 518.0 ft-NGVD (86 ft)