

**TABLE 4B-6: WATER BALANCE COMPARED WITH STREAMFLOW ASSABET CONSORTIUM SUB BASINS
(INCLUDES ONLY THE PORTIONS OF THE SUB BASINS WITHIN THE CONSORTIUM)¹ (mgd)**

Sub-Basin	Water Balance with WWTP Discharge	Water Balance without WWTP Discharge	7Q10 Flow	Water Balance with WWTP Discharge	Water Balance without WWTP Discharge	August Median Flows
Assabet River South	0.34	-1.76	4.93	-0.18	-1.88	20.02
Millham Brook & Williams Lake	-1.32	-1.32	0.06	-0.20	-0.20	0.38
Taylor Brook	-0.64	-0.64	0.14	-0.56	-0.56	0.8
Mill Pond	-0.52	-0.52	0.14	-0.57	-0.57	0.8
Assabet Headwaters	6.64	-0.33	0.12	5.50	-0.25	0.71
Stirrup Brook	-0.41	-0.41	1.33	-0.54	-0.54	6.1
Cold Harbor Brook	-0.17	-0.17	0.18	-0.03	-0.03	0.89
Gates Pond	-0.17	-0.17	0.01	-0.29	-0.29	0.03
Howard Brook	-0.05	-0.05	0.06	0.02	0.02	0.32
Pratt's Brook	0.00	0.00	8.03	0.02	0.02	32.32
Assabet River North	0.98	0.00	0.14	0.93	0.05	0.77
Millham Brook	0.00	0.00	0.63	0.00	0.00	3.49
Wrack Meadow	0.00	0.00	0.06	0.00	0.00	0.37
Danforth Brook	0.00	0.00	0.05	0.10	0.10	0.32
Second Division Brook	0.01	0.01	0.05	0.01	0.01	0.35
Cooledge Brook	0.05	0.05		0.06	0.06	
Rawson Hill Brook	0.06	0.06	0.04	0.16	0.16	0.23
Barefoot Brook	0.10	0.10	0.41	0.12	0.12	2.11
Lake Boon	0.12	0.12	0.04	0.14	0.14	0.29
Fort Meadow Reservoir	0.26	0.26	0.14	0.43	0.43	0.73
Hop Brook	0.31	0.31	0.16	0.49	0.49	0.91
Hog Swamp	0.36	0.36	10.72	0.91	0.91	27.89

1. The sub basin analysis only includes the portion of the sub basin within the consortium. It does not include non-municipal withdrawals outside of the consortium.