

**TABLE 4B-3b: WATER BALANCE - 1999 SUMMER WATER USE ASSABET CONSORTIUM SUB BASINS**  
(includes only the portions of sub-basins within the Consortium) (mgd)

Sub-Basin	Community	- Amount Withdrawn	+ Amount Distributed	- Amount Collected	+ Amount Discharged	Water Balance with WWTP Discharge	Water Balance without WWTP Discharge	Groundwater Recharge
Assabet Headwaters	Shrewsbury	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Assabet Headwaters	Westborough	0.38	0.34	0.18	4.05	3.83	-0.22	0.16
Assabet Headwaters*	Northborough	0.42	0.52	0.13	0.00	-0.03	-0.03	0.39
Assabet Headwaters	Marlborough	0.00	0.00	0.00	1.70	1.70	0.00	0.00
Assabet Headwaters Total		0.80	0.87	0.31	5.75	5.50	-0.25	0.55
Assabet River North	Maynard	0.00	0.33	0.28	0.88	0.93	0.05	0.05
Assabet River North Total		0.00	0.33	0.28	0.88	0.93	0.05	0.05
Assabet River South	Hudson	2.13	0.27	0.06	1.70	-0.23	-1.93	0.20
Assabet River South	Maynard	0.00	0.34	0.30	0.00	0.05	0.05	0.05
Assabet River South Total		2.13	0.61	0.36	1.70	-0.18	-1.88	0.25
Bearfoot Brook	Marlborough	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bearfoot Brook	Northborough	0.00	0.14	0.01	0.00	0.13	0.13	0.13
Bearfoot Brook Total		0.00	0.14	0.01	0.00	0.12	0.12	0.12
Cold Harbor Brook	Northborough	0.19	0.18	0.02	0.00	-0.03	-0.03	0.16
Cold Harbor Brook	Shrewsbury	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cold Harbor Brook Total		0.19	0.18	0.02	0.00	-0.03	-0.03	0.16
Cooledge Brook	Northborough	0.00	0.06	0.00	0.00	0.06	0.06	0.06
Cooledge Brook Total		0.00	0.06	0.00	0.00	0.06	0.06	0.06
Danforth Brook	Hudson	0.00	0.32	0.22	0.00	0.10	0.10	0.10
Danforth Brook Total		0.00	0.32	0.22	0.00	0.10	0.10	0.10
Fort Meadow Reservoir	Hudson	0.00	0.38	0.24	0.00	0.15	0.15	0.15
Fort Meadow Reservoir	Marlborough	0.00	0.42	0.14	0.00	0.28	0.28	0.28
Ft. Meadow Res. Total		0.00	0.81	0.38	0.00	0.43	0.43	0.43
Gates Pond	Hudson	0.29	0.00	0.00	0.00	-0.29	-0.29	0.00
Gates Pond Total		0.29	0.00	0.00	0.00	-0.29	-0.29	0.00
Hog Swamp*	Hudson	0.01	1.86	1.17	0.00	0.68	0.68	0.69
Hog Swamp*	Marlborough	0.00	0.31	0.08	0.00	0.23	0.23	0.23
Hog Swamp	Northborough	0.00	0.01	0.00	0.00	0.00	0.00	0.00
Hop Swamp Total		0.01	2.18	1.26	0.00	0.91	0.91	0.92
Hop Brook	Shrewsbury	0.00	1.19	0.68	0.00	0.51	0.51	0.51
Hop Brook	Westborough	0.00	0.03	0.02	0.00	0.01	0.01	0.01
Hop Brook*	Northborough	0.12	0.10	0.00	0.00	-0.02	-0.02	0.10
Hop Brook Total		0.12	1.32	0.70	0.00	0.49	0.49	0.61
Howard Brook	Northborough	0.14	0.17	0.01	0.00	0.02	0.02	0.16
Howard Brook Total		0.14	0.17	0.01	0.00	0.02	0.02	0.16
Lake Boon	Hudson	0.00	0.14	0.00	0.00	0.14	0.14	0.14
Lake Boon Total		0.00	0.14	0.00	0.00	0.14	0.14	0.14
Mill Pond	Shrewsbury	0.00	0.03	0.00	0.00	0.03	0.03	0.03
Mill Pond*	Westborough	0.88	0.62	0.35	0.00	-0.60	-0.60	0.27
Mill Pond Total		0.88	0.65	0.35	0.00	-0.57	-0.57	0.30
Millham Brook	Northborough	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Millham Br. Total		0.00	0.00	0.00	0.00	0.00	0.00	0.00
Millham Brook & Williams Lake	Marlborough	0.48	1.50	1.22	0.00	-0.20	-0.20	0.28
Millham Br. & Williams Lk. Total		0.48	1.50	1.22	0.00	-0.20	-0.20	0.28
Pratt's Brook	Maynard	0.00	0.15	0.13	0.00	0.02	0.02	0.02
Pratt's Brook Total		0.00	0.15	0.13	0.00	0.02	0.02	0.02
Rawson Hill Brook	Shrewsbury	0.00	0.42	0.26	0.00	0.16	0.16	0.16
Rawson Hill Brook Total		0.00	0.42	0.26	0.00	0.16	0.16	0.16
Second Division Brook	Maynard	0.00	0.01	0.00	0.00	0.01	0.01	0.01
Second Div. Br. Total		0.00	0.01	0.00	0.00	0.01	0.01	0.01
Stirrup Brook	Marlborough	0.00	0.08	0.07	0.00	0.01	0.01	0.01
Stirrup Brook	Northborough	0.00	0.13	0.00	0.00	0.12	0.12	0.12
Stirrup Brook	Westborough	0.74	0.12	0.06	0.00	-0.68	-0.68	0.06
Stirrup Brook Total		0.74	0.32	0.13	0.00	-0.54	-0.54	0.20
Taylor Brook	Maynard	0.58	0.19	0.17	0.00	-0.56	-0.56	0.02
Taylor Brook Total		0.58	0.19	0.17	0.00	-0.56	-0.56	0.02
Wrack Meadow	Northborough	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wrack Meadow Total		0.00	0.00	0.00	0.00	0.00	0.00	0.00

\* Includes Non-Municipal Water Withdrawals

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.