

TABLE 4B-5b: WATER BALANCE - 2025 SUMMER WATER USE ASSABET CONSORTIUM SUB BASINS								
Sub-Basin	Community	- Amount Withdrawn	+ Amount Distributed	- Amount Collected	+ Amount Discharged	Water Balance with WWTP Discharge	Water Balance without WWTP Discharge	Groundwater Recharge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	0.52	0.48	0.37	7.12	6.70	-0.42	0.10
Assabet Headwaters*	Northborough	0.50	0.44	0.51	0.00	-0.57	-0.57	-0.07
Assabet Headwaters	Marlborough	0.00	0.01	0.01	3.02	3.02	0.00	0.00
Assabet Headwaters Total		1.02	0.93	0.89	10.15	9.16	-0.99	0.03
Assabet River North	Maynard	0.00	0.35	0.34	1.07	1.08	0.01	0.01
Assabet River North Total		0.00	0.35	0.34	1.07	1.08	0.01	0.01
Assabet River South	Hudson	2.47	0.35	0.08	2.49	0.29	-2.20	0.27
Assabet River South	Maynard	0.00	0.37	0.36	0.00	0.01	0.01	0.01
Assabet River South Total		2.47	0.72	0.44	2.49	0.30	-2.19	0.28
Barefoot Brook	Marlborough	0.00	0.02	0.01	0.00	0.01	0.01	0.01
Barefoot Brook	Northborough	0.00	0.12	0.11	0.00	0.01	0.01	0.01
Barefoot Brook Total		0.00	0.14	0.12	0.00	0.02	0.02	0.02
Cold Harbor Brook	Northborough	0.19	0.16	0.28	0.00	-0.31	-0.31	-0.11
Cold Harbor Brook	Shrewsbury	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cold Harbor Brook Total		0.19	0.17	0.28	0.00	-0.30	-0.30	-0.11
Coolidge Brook	Northborough	0.00	0.05	0.00	0.00	0.05	0.05	0.05
Coolidge Brook Total		0.00	0.05	0.00	0.00	0.05	0.05	0.05
Danforth Brook	Hudson	0.00	0.36	0.30	0.00	0.06	0.06	0.06
Danforth Brook Total		0.00	0.36	0.30	0.00	0.06	0.06	0.06
Fort Meadow Reservoir	Hudson	0.00	0.50	0.31	0.00	0.19	0.19	0.19
Fort Meadow Reservoir	Marlborough	0.00	0.51	0.22	0.00	0.29	0.29	0.29
Ft Meadow Res. Total		0.00	1.02	0.53	0.00	0.48	0.48	0.48
Gates Pond	Hudson	0.33	0.00	0.00	0.00	-0.33	-0.33	0.00
Gates Pond Total		0.33	0.00	0.00	0.00	-0.33	-0.33	0.00
Hog Swamp*	Hudson	0.70	2.07	1.67	0.00	-0.30	-0.30	0.40
Hog Swamp*	Marlborough	0.34	0.42	0.13	0.00	-0.05	-0.05	0.29
Hog Swamp	Northborough	0.00	0.01	0.01	0.00	0.00	0.00	0.00
Hog Swamp Total		1.04	2.50	1.81	0.00	-0.36	-0.36	0.68
Hop Brook	Shrewsbury	0.00	1.36	1.08	0.00	0.27	0.27	0.27
Hop Brook	Westborough	0.00	0.03	0.03	0.00	0.00	0.00	0.00
Hop Brook*	Northborough	0.27	0.22	0.05	0.00	-0.10	-0.10	0.17
Hop Brook Total		0.27	1.61	1.17	0.00	0.18	0.18	0.45
Howard Brook	Northborough	0.14	0.10	0.07	0.00	-0.12	-0.12	0.02
Howard Brook Total		0.14	0.10	0.07	0.00	-0.12	-0.12	0.02
Lake Boon	Hudson	0.00	0.16	0.13	0.00	0.03	0.03	0.03
Lake Boon Total		0.00	0.16	0.13	0.00	0.03	0.03	0.03
Mill Pond	Shrewsbury	0.00	0.06	0.05	0.00	0.01	0.01	0.01
Mill Pond*	Westborough	3.10	0.83	0.68	0.00	-2.95	-2.95	0.15
Mill Pond Total		3.10	0.89	0.73	0.00	-2.93	-2.93	0.17
Millham Brook	Northborough	0.00	0.00	0.01	0.00	-0.01	-0.01	-0.01
Millham Brook Total		0.00	0.00	0.01	0.00	-0.01	-0.01	-0.01
Millham Br. & Williams Lk.	Marlborough	0.67	1.83	1.94	0.00	-0.78	-0.78	-0.11
Millham Br & Williams Lk Total		0.67	1.83	1.94	0.00	-0.78	-0.78	-0.11
Pratt's Brook	Maynard	0.29	0.16	0.15	0.00	-0.29	-0.29	0.00
Pratt's Brook Total		0.29	0.16	0.15	0.00	-0.29	-0.29	0.00
Rawson Hill Brook	Shrewsbury	0.00	0.48	0.37	0.00	0.10	0.10	0.10
Rawson Hill Br. Total		0.00	0.48	0.37	0.00	0.10	0.10	0.10
Second Division Brook	Maynard	0.00	0.02	0.01	0.00	0.00	0.00	0.00
Second Division Br. Total		0.00	0.02	0.01	0.00	0.00	0.00	0.00
Stirrup Brook	Marlborough	0.00	0.10	0.10	0.00	-0.01	-0.01	-0.01
Stirrup Brook	Northborough	0.00	0.11	0.06	0.00	0.06	0.06	0.06
Stirrup Brook	Westborough	1.01	0.19	0.10	0.00	-0.92	-0.92	0.09
Stirrup Brook Total		1.01	0.40	0.26	0.00	-0.87	-0.87	0.14
Taylor Brook	Maynard	0.66	0.21	0.21	0.00	-0.66	-0.66	0.00
Taylor Brook Total		0.66	0.21	0.21	0.00	-0.66	-0.66	0.00
Wrack Meadow	Northborough	0.00	0.00	0.03	0.00	-0.03	-0.03	-0.03
Wrack Meadow Total		0.00	0.00	0.03	0.00	-0.03	-0.03	-0.03

* 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.