

TABLE 4B-2a: WATER BALANCE - 1999 ANNUAL WATER USE ASSABET CONSORTIUM COMMUNITIES (mgd)								
Community	Sub-Basin	- Amount Withdrawn	+ Amount Distributed	- Amount Collected	+ Amount Discharged	Water Balance with WWTP Discharge	Water Balance without WWTP Discharge	Groundwater Recharge
Hudson	Assabet River South	1.91	0.23	0.08	2.10	0.34	-1.76	0.15
	Danforth Brook	0.00	0.28	0.28	0.00	0.00	0.00	0.00
	Fort Meadow Reservoir	0.00	0.34	0.29	0.00	0.05	0.05	0.05
	Hog Swamp*	0.01	1.64	1.45	0.00	0.17	0.17	0.18
	Lake Boon	0.00	0.12	0.00	0.00	0.12	0.12	0.12
	Gates Pond	0.17	0.00	0.00	0.00	-0.17	-0.17	0.00
<b>Hudson Total</b>	<b>All Sub-Basins</b>	<b>2.09</b>	<b>2.61</b>	<b>2.10</b>	<b>2.10</b>	<b>0.52</b>	<b>-1.58</b>	<b>0.51</b>
Marlborough	Assabet Headwaters	0.00	0.00	0.00	1.96	1.96	0.00	0.00
	Barefoot Brook	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Fort Meadow Reservoir	0.00	0.37	0.16	0.00	0.21	0.21	0.21
	Hog Swamp*	0.00	0.27	0.09	0.00	0.18	0.18	0.18
	Millham Br. & Williams Lake	1.27	1.30	1.36	0.00	-1.32	-1.32	-0.06
	Stirrup Brook	0.00	0.07	0.07	0.00	-0.01	-0.01	-0.01
<b>Marlborough Total</b>	<b>All Sub-Basins</b>	<b>1.27</b>	<b>2.01</b>	<b>1.69</b>	<b>1.96</b>	<b>1.01</b>	<b>-0.95</b>	<b>0.32</b>
Maynard	Assabet River North	0.00	0.31	0.31	0.98	0.98	0.00	0.00
	Assabet River South	0.00	0.33	0.33	0.00	0.00	0.00	0.00
	Pratt's Brook	0.00	0.14	0.14	0.00	0.00	0.00	0.00
	Second Division Brook	0.00	0.01	0.01	0.00	0.01	0.01	0.01
	Taylor Brook	0.63	0.18	0.19	0.00	-0.64	-0.64	-0.01
<b>Maynard Total</b>	<b>All Sub-Basins</b>	<b>0.63</b>	<b>0.97</b>	<b>0.98</b>	<b>0.98</b>	<b>0.35</b>	<b>-0.63</b>	<b>-0.01</b>
Northborough	Assabet Headwaters*	0.39	0.43	0.19	0.00	-0.15	-0.15	0.25
	Barefoot Brook	0.00	0.11	0.01	0.00	0.10	0.10	0.10
	Cold Harbor Brook	0.30	0.15	0.03	0.00	-0.17	-0.17	0.12
	Coolidge Brook	0.00	0.05	0.00	0.00	0.05	0.05	0.05
	Hog Swamp	0.00	0.01	0.00	0.00	0.00	0.00	0.00
	Hop Brook*	0.03	0.10	0.01	0.00	0.06	0.06	0.09
	Howard Brook	0.13	0.09	0.01	0.00	-0.05	-0.05	0.08
	Millham Brook	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Stirrup Brook	0.00	0.11	0.01	0.00	0.10	0.10	0.10
	Wrack Meadow	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Northboro Total</b>	<b>All Sub-Basins</b>	<b>0.85</b>	<b>1.05</b>	<b>0.26</b>	<b>0.00</b>	<b>-0.06</b>	<b>-0.06</b>
Shrewsbury	Assabet Headwaters	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Cold Harbor Brook	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Hop Brook	0.00	0.96	0.72	0.00	0.24	0.24	0.24
	Mill Pond	0.00	0.02	0.00	0.00	0.02	0.02	0.02
	Rawson Hill Brook	0.00	0.34	0.28	0.00	0.06	0.06	0.06
<b>Shrewsbury Total</b>	<b>All Sub-Basins</b>	<b>0.00</b>	<b>1.33</b>	<b>0.99</b>	<b>0.00</b>	<b>0.34</b>	<b>0.34</b>	<b>0.34</b>
Westborough	Assabet Headwaters	0.29	0.33	0.22	5.01	4.83	-0.18	0.11
	Hop Brook	0.00	0.02	0.02	0.00	0.00	0.00	0.00
	Mill Pond*	0.71	0.59	0.42	0.00	-0.54	-0.54	0.17
	Stirrup Brook	0.55	0.11	0.07	0.00	-0.50	-0.50	0.04
<b>Westboro Total</b>	<b>All Sub-Basins</b>	<b>1.55</b>	<b>1.05</b>	<b>0.73</b>	<b>5.01</b>	<b>3.79</b>	<b>-1.22</b>	<b>0.32</b>
<b>Watershed Totals</b>	<b>All Sub-Basins</b>	<b>6.38</b>	<b>9.02</b>	<b>6.75</b>	<b>10.05</b>	<b>5.94</b>	<b>-4.11</b>	<b>2.27</b>

\* Includes Non-Municipal Water Withdrawals