

Table 4B-1: NON-MUNICIPAL WATER WITHDRAWALS - ASSABET WATERSHED (mgd)														
Name	Town	Sub Basin	Registered Quantity (MGD) ¹	Permitted Quantity (MGD) ¹	Days ²	Actual Use ¹ 1999 (MGD)	Amount Distributed 1999 ³ (MGD)	Summer Use 1999 ⁴ (MGD)	Amount Distributed Summer 1999 (MGD)	Estimated Use 2025 ⁵ (MGD)	Amount Distributed 2025 (MGD)	Estimated Summer Use 2025 ^{4,5} (MGD)	Amount Distributed Summer 2025 (MGD)	Over Usage Amount ⁶ (MGD)
Assabet Sand & Gravel	Acton	Assabet River North	0.17	0.00	306	0.14	0.07	0.17	0.09	0.14	0.07	0.17	0.09	30.60
Berberian Farms	Northborough	Hop Brook	0.12	0.00	92	0.03	0.02	0.12	0.06	0.03	0.02	0.12	0.06	9.20
Bigelow Nurseries	Northborough	Hop Brook & Cold Harbor Brook	0.15	0.00	215	0.00	0.00	0.00	0.00	0.09	0.04	0.15	0.08	21.50
Concrete Service Company	Marlborough	Hog Swamp	0.34	0.00	365	0.00	0.00	0.00	0.00	0.34	0.00	0.34	0.00	36.50
Great Oak Farm	Berlin	Mill Brook	0.07	0.00	184	0.00	0.00	0.00	0.00	0.04	0.02	0.07	0.04	18.40
Honey Pot Orchards ⁷	Stow	Assabet River South	0.14	0.00	92	0.00	0.00	0.00	0.00	0.04	0.02	0.14	0.07	9.20
Idylwilde Farm	Acton	Fort Pond Brook	0.03	0.00	92	0.01	0.00	0.03	0.02	0.01	0.00	0.03	0.02	9.20
Intel Corp.	Hudson	Hogs Swamp	0.11	0.24	365	0.01	0.00	0.01	0.00	0.35	0.00	0.35	0.00	36.50
Juniper Hills Golf Course	Northborough	Assabet Headwaters	0.00	0.15	184	0.04	0.00	0.07	0.00	0.08	0.00	0.15	0.00	0.00
Stow Acres Country Club	Stow	Delaney Pond & Assabet River South	0.14	0.00	214	0.11	0.00	0.19	0.00	0.08	0.00	0.14	0.00	21.40
Westborough Golf Club	Westborough	Mill Pond	0.00	0.85	365	0.06	0.00	0.06	0.00	0.85	0.00	0.85	0.00	0.00
W.R. Grace & Co.	Acton	Pratt's Brook	0.58	0.00	365					0.58	0.00	0.58	0.00	
Totals			1.85	1.24		0.40	0.09	0.65	0.16	2.62	0.17	3.09	0.34	192.50

Notes:

- Listing from DEP printout entitled "Actual Water Use – 1999 SUASCO" obtained from DEP in September 2000. DEP lists withdrawals over the permitted period. Actual Use numbers were adjusted for the whole year.
- Days reflect approved number of days of operation.
- Amount distributed reflects the amount of water which flows to surface water or groundwater. Agricultural lands are calculated to have a 50% consumption rate and a 50% recharge rate. Golf courses and industrial withdrawal are calculated to have a 100% loss. Industrial losses are assumed to be 100% since they discharge to the municipal WWTP and are included in the municipal collection calculations.
- Summer use assumes that the days of operation include the months of July and August.
- Estimated Use is the registered or permitted withdrawal amount adjusted for the whole year.
- Water Withdrawal Registrations issued before the Water Management Act include a clause which allows the Withdrawal Amount to exceed the Registered Amount by 100,000 gallons per day of operation. In subsequent tables, future water withdrawals are based on maximum permitted amount. Over usage amounts are shown here to illustrate a possible worst case scenario.
- Honey Pot Orchards may have given up permit.