

Ashuelot Annual Water Use versus Stream Flow – Calendar Year 2004

Water use was reported by 23 sources, four water transfers and 12 measured returns in the Ashuelot Water Management Planning Area. The Water Management Planning Area includes registered water use by five hydroelectric facilities. Water use by hydroelectric facilities are not shown in the monthly graphs because flow in is expected to equal flow out and because the General Standard does not apply to hydroelectric facilities between their point of withdrawal and point of return per Env-Ws 1903.02(d). Other water users include Keene State College for athletic fields and institutional uses; municipal water supplies in Keene, Marlborough, Troy, Winchester and Hinsdale; golf course irrigation at Keene Country Club; snowmaking at Granite Gorge; and several industrial uses including among other types of uses paper making and lumber mill operations. Two water users are located between the intakes and outfalls of dams. The Hinsdale WWTF discharges water to the Ashuelot that the Hinsdale Water Works withdraws water from its source outside the Water Management Planning Area. Measured, registered returns were reported by three industrial facilities, four hydroelectric facilities, and five waste water treatment facilities.

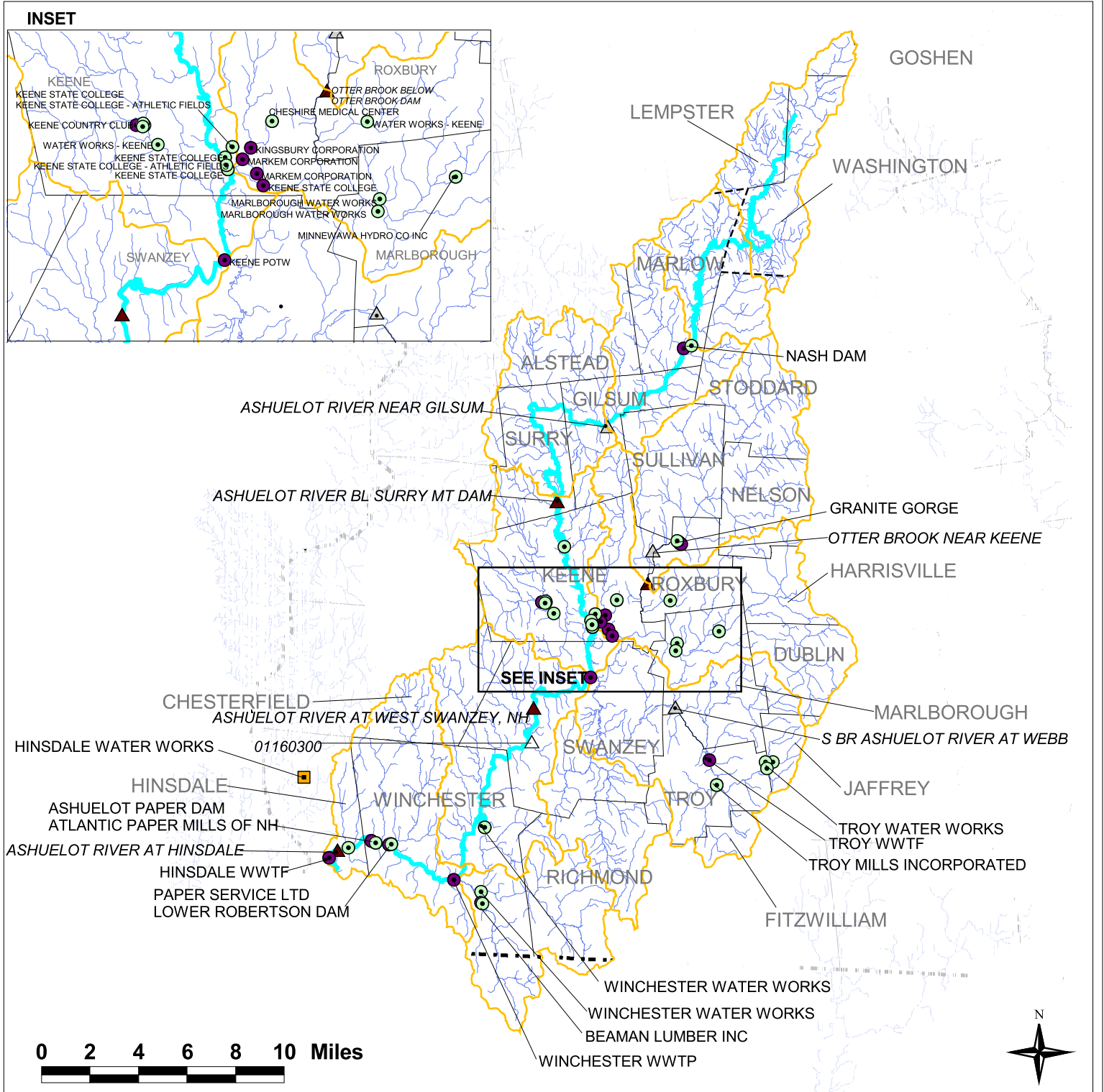
The South Branch of the Ashuelot, where the Keene and Troy waste water treatment facilities are located, frequently contributes more water to the Designated River than there are recorded sources for. This may indicate that unregistered sources, or collection of storm water or groundwater infiltration are included in the facilities’ discharges which artificially increases the perceived stream flow.

The Designated River begins at the dam at Butterfield Pond in Washington and flows 63.0 miles to the Connecticut River. The Ashuelot Water Management Planning Area covers 422 square miles. The watershed includes three stream flow gages used in this report. The gages are: in Surry (USGS 01158000 ASHUELOT RIVER BELOW SURRY MT DAM, NEAR KEENE, NH) measuring 101 square miles of the WMPA; in Swanzey (USGS 01160350 ASHUELOT RIVER AT WEST SWANZEY, NH) measuring 316.1 square miles; and in Hinsdale (USGS 01161000 ASHUELOT RIVER AT HINSDALE, NH) measuring 420 square miles. For this report the streamflow was transposed areally from these gages to all impact points on the Designated River. The 2004 assessment resulted in two months, July and August, not in compliance with the General Standard. The Ashuelot Designated River drains directly into the Connecticut Designated River. The results of this assessment are a component of that river’s assessment.

Ashuelot Designated River	River Miles not in Compliance with General Standard (0 at the mouth)	Length of River Miles not in Compliance with General Standard	Maximum value of Aggregate WU /Stream flow	2003 Months not in Compliance with the General Standard
January	--	--	1.1%	--
February	--	--	2.9%	--
March	--	--	0.97%	--
April	--	--	0.54%	--
May	--	--	0.76%	--
June	--	--	2.1%	--
July	30.7 to 23.1	7.6	4.4%	x
August	24.7 to 23.1	1.5	2.2%	--
September	--	--	1.1%	--

October	--	--	1.4%	--
November	--	--	0.95%	--
December	--	--	0.50%	--

Ashuelot Affected Water User Facilities: Source and Discharge Locations



The coverages presented are under constant revision as new sites or facilities are added. They may not contain all of the potential or existing sites or facilities. NHDDES is not responsible for the use or interpretation of this information. Not intended for legal purposes. Water users database last updated April 2005.

Map produced May 6, 2005

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Legend

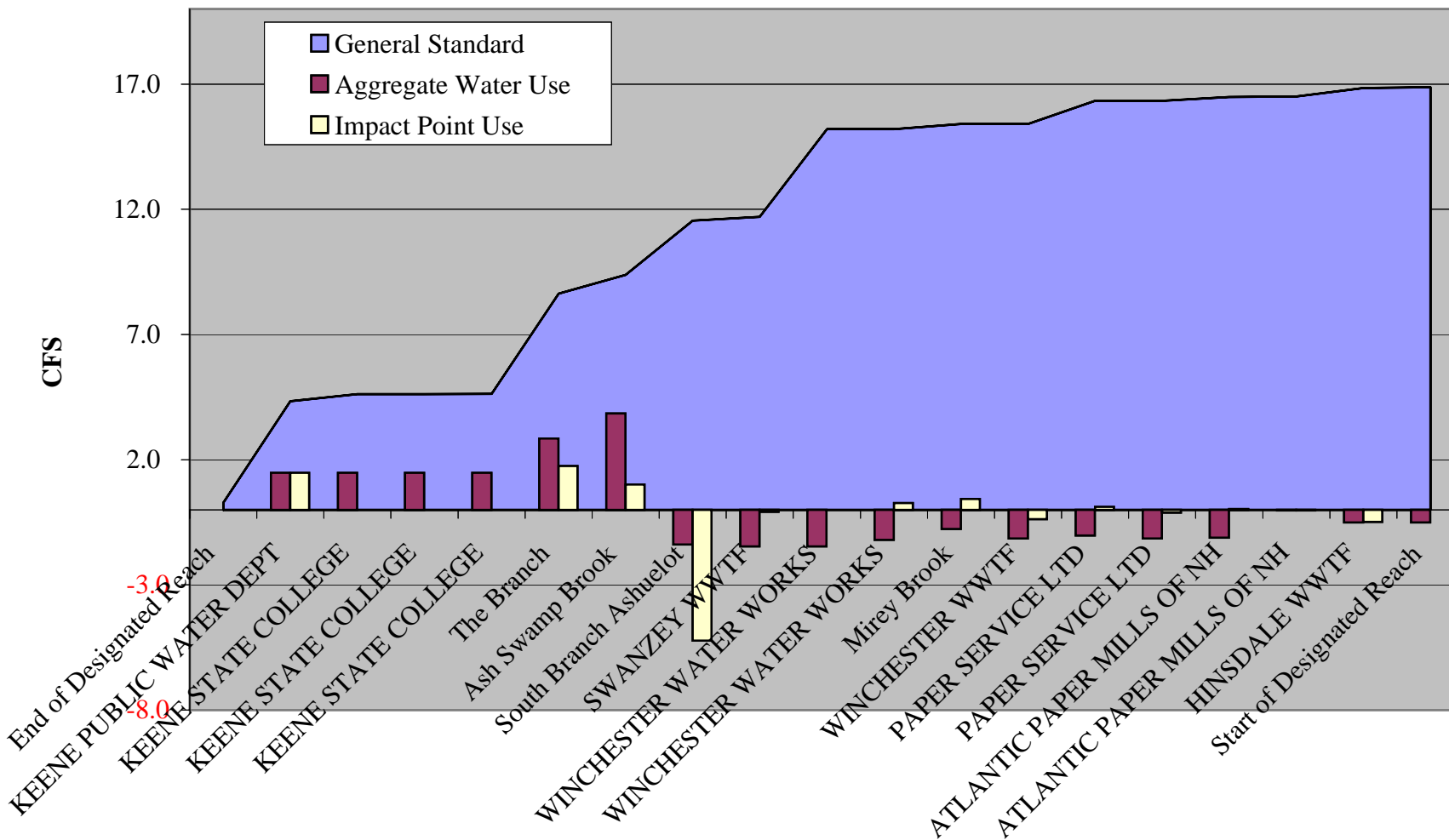
- Affected Water Users
 - Source (Green circle with dot)
 - Discharge (Purple circle with dot)
 - Associated Water Users Outside Watershed (Yellow square)
- Stream Gages
 - Active (Red triangle)
 - Inactive (White triangle)
 - Unknown (White triangle with border)
- Designated Reach (Thick blue line)
- Hydrology (Thin blue line)
- State boundary (Dashed line)
- Town boundary (Thin black line)
- WMPA (Yellow outline)

2004 Ashuelot Water Use in CFS															
USERNAME	FACILITY	WUSD_ID	DA on DR (SQ MILE)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
End of Designated Reach			7.01												
MARLOW POWER	NASH DAM	20246 20246-S01	46.33	20.233	0.553	19.107	33.653	20.613	15.319	0.377	12.092	13.374	21.837	17.848	12.707
MARLOW POWER	NASH DAM	20246 20246-D01	46.33	(20.233)	(0.553)	(19.107)	(33.653)	(20.613)	(15.319)	(0.377)	(12.092)	(13.374)	(21.837)	(17.848)	(12.707)
KEENE PUBLIC WATER DEPT	WATER WORKS	20338 20338-S03	108.46	1.477	1.499	1.288	1.331	1.457	1.490	1.382	1.452	1.470	1.432	1.305	1.208
KEENE STATE COLLEGE	ATHLETIC FIELDS	20757 20757-S01	115.52	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
KEENE STATE COLLEGE	ATHLETIC FIELDS	20757 20338-S04	115.52	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
KEENE STATE COLLEGE		20494 20494-S02	115.52												
KEENE STATE COLLEGE		20494 20338-S04	115.52												
KEENE STATE COLLEGE	ATHLETIC FIELDS	20757 20757-S03	115.58	0.000	0.000	0.000	0.000	0.006	0.019	0.016	0.015	0.010	0.003	0.000	0.000
KEENE STATE COLLEGE	ATHLETIC FIELDS	20757 20757-S02	115.60	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
KEENE STATE COLLEGE		20494 20494-S03	115.60												
GRANITE GORGE LLC	GRANITE GORGE	20767 20767-S01	215.8	0.036	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.080
GRANITE GORGE LLC	GRANITE GORGE	20767 20767-D04	215.8												
GRANITE GORGE LLC	GRANITE GORGE	20767 20767-D03	215.8												
GRANITE GORGE LLC	GRANITE GORGE	20767 20767-D02	215.8												
GRANITE GORGE LLC	GRANITE GORGE	20767 20767-D01	215.8												
KEENE STATE COLLEGE		20494 20338-S01	215.8	0.190	0.203	0.190	0.215	0.208	0.215	0.067	0.067	0.069	0.243	0.251	0.243
KEENE STATE COLLEGE		20494 20074-D01	215.8	(0.189)	(0.202)	(0.189)	(0.215)	(0.208)	(0.215)	(0.067)	(0.067)	(0.069)	(0.243)	(0.251)	(0.243)
SOUTHERN NH HYDRO	MINNEWAWA HYDRO CO INC	20462 20462-S01	215.8	14.324	0.000	0.000	0.000	10.353	8.939	5.673	6.027	0.000	28.222	30.774	45.949
SOUTHERN NH HYDRO	MINNEWAWA HYDRO CO INC	20462 20462-D01	215.8	(14.324)	0.000	0.000	0.000	(10.353)	(8.939)	(5.673)	(6.027)	0.000	(28.222)	(30.774)	(45.949)
MARKEM CORPORATION		20406 20406-D03	215.8												
MARKEM CORPORATION		20406 20406-D02	215.8												
KEENE PUBLIC WATER DEPT	WATER WORKS	20338 20338-S01	215.8	1.570	1.535	1.644	3.981	1.534	1.718	1.703	1.697	1.797	1.618	1.418	1.370
KINGSBURY CORPORATION		20201 20201-D01	215.8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MARLBOROUGH WATER WORKS	MARLBOROUGH WATER WORKS	20053 20053-S02	215.8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.040	0.002	0.002
MARLBOROUGH WATER WORKS	MARLBOROUGH WATER WORKS	20053 20053-S01	215.8	0.136	0.139	0.184	0.131	0.146	0.144	0.127	0.133	0.128	0.081	0.119	0.109
CHESHIRE MEDICAL CENTER		20017 20338-S01	215.8	0.083	0.077	0.074	0.077	0.082	0.092				0.089	0.089	0.088
The Branch	The Branch		215.8												
KEENE COUNTRY CLUB	KEENE COUNTRY CLUB	20705 20705-S03	234.59	0.000	0.000	0.000	0.148	0.263	0.313	0.279	0.374	0.234	0.000	0.000	0.000
KEENE COUNTRY CLUB	KEENE COUNTRY CLUB	20705 20705-S02	234.59	0.000	0.000	0.000	0.000	0.000	0.000	0.029	0.025	0.000	0.000	0.000	0.000
KEENE COUNTRY CLUB	KEENE COUNTRY CLUB	20705 20705-S01	234.59	0.000	0.000	0.000	0.125	0.208	0.283	0.243	0.325	0.191	0.000	0.000	0.000
KEENE COUNTRY CLUB	KEENE COUNTRY CLUB	20705 20705-D01	234.59												
KEENE PUBLIC WATER DEPT	WATER WORKS	20338 20338-S02	234.59	1.003	1.131	1.073	1.042	1.098	1.068	1.123	1.083	1.062	0.993	1.011	1.043
Ash Swamp Brook	Ash Swamp Brook		234.59												
TROY WATER WORKS	TROY WATER WORKS	20451 20451-S03	288.59	0.066	0.079	0.104	0.054	0.045	0.037	0.030	0.044	0.064	0.066	0.041	0.069
TROY WATER WORKS	TROY WATER WORKS	20451 20451-S02	288.59	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.002
TROY WATER WORKS	TROY WATER WORKS	20451 20451-S01	288.59	0.107	0.162	0.179	0.142	0.108	0.122	0.120	0.113	0.096	0.061	0.093	0.087
TROY WWTF	WASTE WATER TREAT PLANT	20449 20449-D01	288.59	(0.185)	(0.129)	(0.004)	(0.013)	(0.113)	(0.114)	(0.100)	(0.093)	(0.127)	(0.135)	(0.089)	(0.033)
TROY MILLS INCORPORATED		20111 20111-S01	288.59												
TROY MILLS INCORPORATED		20111 20111-D03	288.59												
TROY MILLS INCORPORATED		20111 20111-D01	288.59												
KEENE WWTF	KEENE POTW	20074 20074-D01	288.59	(5.212)	(4.184)	(4.859)	(7.634)	(6.166)	(4.909)	(3.955)	(4.167)	(5.415)	(4.649)	(4.425)	(5.621)
LANE CONSTRUCTION CORP	KEENE SAND & GRAVEL	20197 20197-S01	288.59	0.000	0.000	0.000	0.420	0.880	0.900	0.362	0.941	0.759	0.860	0.044	0.000
LANE CONSTRUCTION CORP	KEENE SAND & GRAVEL	20197 20197-D01	288.59												
South Branch Ashuelot	South Branch Ashuelot		288.59												
SWANZEY WWTF	WEST SWANZEY WWTP	20120 20120-D01	292.56	(0.082)	(0.069)	(0.074)	(0.092)	(0.143)	(0.129)	(0.108)	(0.126)	(0.128)	(0.115)	(0.119)	(0.131)
WINCHESTER WATER WORKS	WINCHESTER WATER WORKS	20434 20434-S02	379.98	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WINCHESTER WATER WORKS	WINCHESTER WATER WORKS	20434 20434-S01	379.98	0.268	0.215	0.205	0.192	0.296	0.326	0.352	0.307	0.302	0.262	0.342	0.220
CRESTWOODS INC	CRESTWOODS INC	20537 20537-S01	385.28	0.000	0.000	0.000	0.000	0.010	0.046	0.046	0.046	0.040	0.000	0.000	0.000
CRESTWOODS INC	CRESTWOODS INC	20537 20537-D01	385.28												
WINCHESTER WATER WORKS	WINCHESTER WATER WORKS	20434 20434-S03	385.28	0.425	0.455	0.425	0.440	0.425	0.440	0.423	0.423	0.423	0.428	0.428	0.428
Mirey Brook	Mirey Brook		385.28												
WINCHESTER WWTF	WASTE WATER TREAT PLANT	20314 20314-D01	385.30	(0.373)	(0.298)	(0.319)	(0.478)	(0.390)	(0.316)	(0.304)	(0.285)	(0.311)	(0.301)	(0.287)	(0.360)
ALGONQUIN POWER SYST INC	LOWER ROBERTSON DAM	20590 20590-S01	408.36	289.902	458.962	771.354	813.547	662.527	226.458	235.513	335.153	455.243	396.914	406.740	791.332
PAPER SERVICE LTD		20137 20137-S01	408.36	0.115	0.066	0.089	0.158	0.097	0.066	0.055	0.063	0.094	0.071	0.056	0.050
PAPER SERVICE LTD		20137 20137-D01	408.41	(0.115)	(0.066)	(0.089)	(0.158)	(0.097)	(0.066)	(0.055)	(0.063)	(0.094)	(0.071)	(0.056)	(0.050)
ALGONQUIN POWER SYST INC	LOWER ROBERTSON DAM	20590 20590-D01	408.49	(289.902)	(458.962)	(771.354)	(813.547)	(662.527)	(226.458)	(235.513)	(335.153)	(455.243)	(396.914)	(406.740)	(791.332)
ATLANTIC PAPER MILLS OF NH	ATLANTIC PAPER MILLS OF NH	20627 20627-S01	412.26	0.029	0.019	0.019	0.017	0.022	0.018	0.011	0.035	0.040	0.033	0.024	0.024

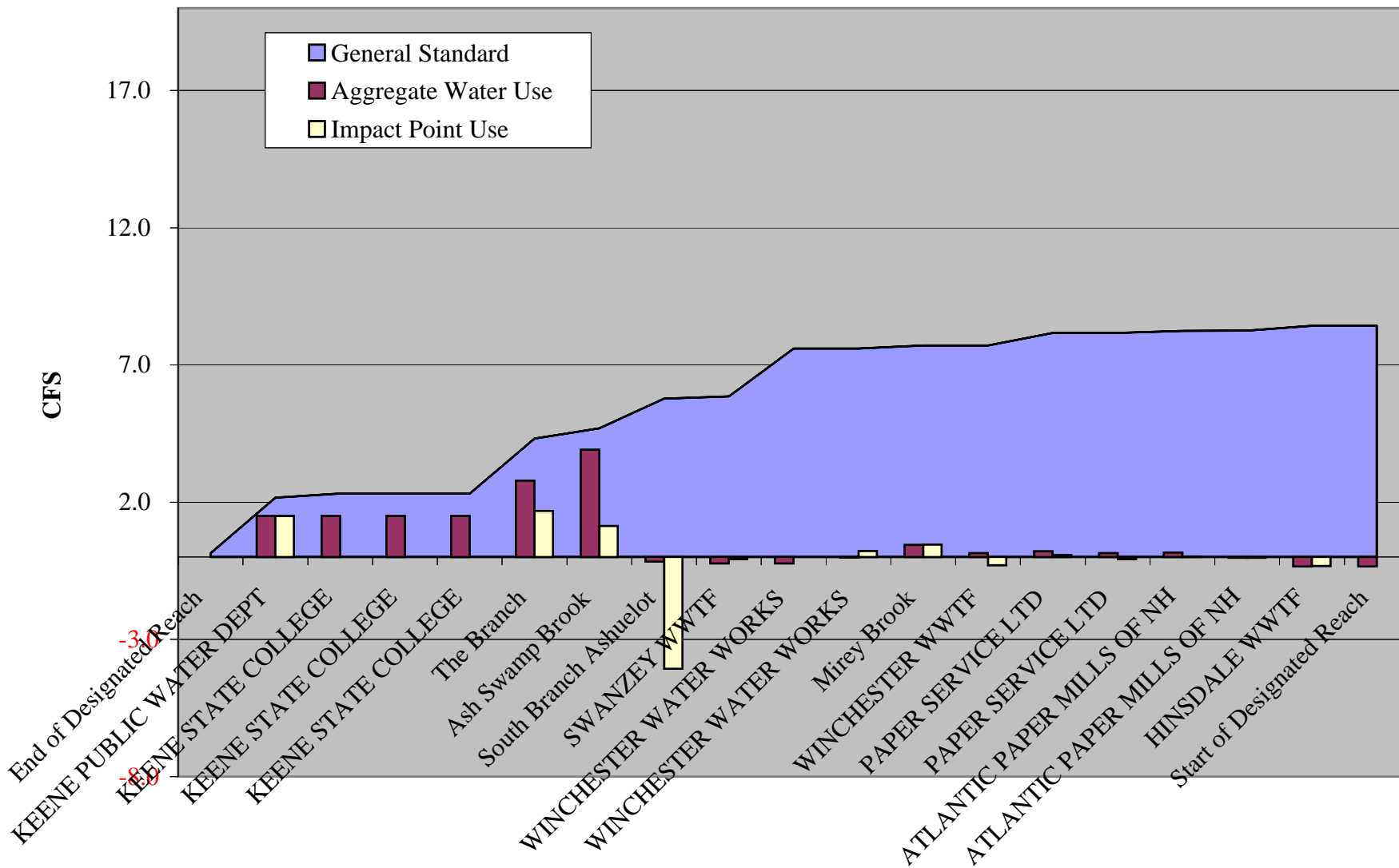
ALGONQUIN POWER SYST INC	ASHUELOT PAPER DAM	20589 20589-S01	412.26	312.249	476.417	771.143	850.280	671.116	233.032	254.360	352.318	453.376	434.635	471.239	696.404
ATLANTIC PAPER MILLS OF NH	ATLANTIC PAPER MILLS OF NH	20627 20627-D01	412.58	(0.029)	(0.019)	(0.019)	(0.017)	(0.022)	(0.018)	(0.011)	(0.035)	(0.040)	(0.033)	(0.024)	(0.024)
ALGONQUIN POWER SYST INC	ASHUELOT PAPER DAM	20589 20589-D01	412.58	(312.249)	(476.417)	(771.143)	(850.280)	(671.116)	(233.032)	(254.360)	(352.318)	(453.376)	(434.635)	(471.239)	(696.404)
HINSDALE WWTF	WASTE WATER TREAT PLANT	20089 20089-D01	421.23	(0.479)	(0.321)	(0.410)	(0.623)	(0.477)	(0.335)	(0.238)	(0.229)	(0.302)	(0.284)	(0.259)	(0.399)
Start of Designated Reach			421.92												
2004 Ashuelot Aggregate Water Use in CFS															
USERNAME	FACILITY	WUSD_ID	DA on DR (SQ MILE)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
End of Designated Reach			7.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARLOW POWER	NASH DAM	20246 20246-S01	46.33												
MARLOW POWER	NASH DAM	20246 20246-D01	46.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KEENE PUBLIC WATER DEPT	WATER WORKS	20338 20338-S03	108.46	1.48	1.50	1.29	1.33	1.46	1.49	1.38	1.45	1.47	1.43	1.30	1.21
KEENE STATE COLLEGE	ATHLETIC FIELDS	20757 20757-S01	115.52	1.48	1.50	1.29	1.33	1.46	1.49	1.38	1.45	1.47	1.43	1.30	1.21
KEENE STATE COLLEGE		20494 20494-S02	115.52	1.48	1.50	1.29	1.33	1.46	1.49	1.38	1.45	1.47	1.43	1.30	1.21
KEENE STATE COLLEGE	ATHLETIC FIELDS	20757 20757-S03	115.58	1.48	1.50	1.29	1.33	1.46	1.51	1.40	1.47	1.48	1.44	1.30	1.21
KEENE STATE COLLEGE	ATHLETIC FIELDS	20757 20757-S02	115.60	1.48	1.50	1.29	1.33	1.46	1.51	1.40	1.47	1.48	1.44	1.30	1.21
KEENE STATE COLLEGE		20494 20494-S03	115.60	1.48	1.50	1.29	1.33	1.46	1.51	1.40	1.47	1.48	1.44	1.30	1.21
The Branch	The Branch		215.83	2.84	2.78	2.74	5.01	2.73	2.94	3.09	3.16	3.27	2.69	2.34	2.28
Ash Swamp Brook	Ash Swamp Brook		234.59	3.84	3.91	3.81	6.33	4.30	4.61	4.77	4.97	4.75	3.68	3.35	3.33
South Branch Ashuelot	South Branch Ashuelot		288.59	(1.38)	(0.16)	(0.77)	(0.70)	(0.94)	0.64	1.22	1.81	0.13	(0.11)	(0.98)	(2.17)
SWANZEY WWTF	WEST SWANZEY WWTP	20120 20120-D01	292.56	(1.46)	(0.23)	(0.84)	(0.79)	(1.09)	0.51	1.12	1.68	0.00	(0.23)	(1.10)	(2.30)
WINCHESTER WATER WORKS	WINCHESTER WATER WORKS	20434 20434-S02	379.98	(1.46)	(0.23)	(0.84)	(0.79)	(1.09)	0.51	1.12	1.68	0.00	(0.23)	(1.10)	(2.30)
WINCHESTER WATER WORKS	WINCHESTER WATER WORKS	20434 20434-S01	379.98	(1.20)	(0.02)	(0.64)	(0.60)	(0.79)	0.84	1.47	1.99	0.30	0.03	(0.76)	(2.08)
Mirey Brook	Mirey Brook		385.28	(0.77)	0.44	(0.21)	(0.16)	(0.36)	1.33	1.94	2.46	0.77	0.46	(0.33)	(1.65)
WINCHESTER WWTF	WASTE WATER TREAT PLANT	20314 20314-D01	385.30	(1.14)	0.14	(0.53)	(0.64)	(0.75)	1.01	1.63	2.17	0.46	0.16	(0.62)	(2.01)
ALGONQUIN POWER SYST INC	LOWER ROBERTSON DAM	20590 20590-S01	408.36												
PAPER SERVICE LTD		20137 20137-S01	408.36	(1.03)	0.21	(0.44)	(0.48)	(0.65)	1.07	1.69	2.24	0.55	0.23	(0.56)	(1.96)
PAPER SERVICE LTD		20137 20137-D01	408.41	(1.14)	0.14	(0.53)	(0.64)	(0.75)	1.01	1.63	2.17	0.46	0.16	(0.62)	(2.01)
ALGONQUIN POWER SYST INC	LOWER ROBERTSON DAM	20590 20590-D01	408.49	(1.14)	0.14	(0.53)	(0.64)	(0.75)	1.01	1.63	2.17	0.46	0.16	(0.62)	(2.01)
ATLANTIC PAPER MILLS OF NH	ATLANTIC PAPER MILLS OF NH	20627 20627-S01	412.26	(1.11)	0.16	(0.51)	(0.62)	(0.72)	1.03	1.64	2.21	0.50	0.19	(0.60)	(1.99)
ALGONQUIN POWER SYST INC	ASHUELOT PAPER DAM	20589 20589-S01	412.26												
ATLANTIC PAPER MILLS OF NH	ATLANTIC PAPER MILLS OF NH	20627 20627-D01	412.58	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.03)	(0.04)	(0.03)	(0.02)	(0.02)
ALGONQUIN POWER SYST INC	ASHUELOT PAPER DAM	20589 20589-D01	412.58	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.03)	(0.04)	(0.03)	(0.02)	(0.02)
HINSDALE WWTF	WASTE WATER TREAT PLANT	20089 20089-D01	421.23	(0.51)	(0.34)	(0.43)	(0.64)	(0.50)	(0.35)	(0.25)	(0.26)	(0.34)	(0.32)	(0.28)	(0.42)
Start of Designated Reach			421.92	(0.51)	(0.34)	(0.43)	(0.64)	(0.50)	(0.35)	(0.25)	(0.26)	(0.34)	(0.32)	(0.28)	(0.42)
2004 Ashuelot Estimated Monthly Stream Flow at Each Impact Point in CFS															
	USGS 01158000 ASHUELOT RIVER BELOW SURRY MT DAM, NEAR KEENE, NH	Calculated monthly mean streamflow in CFSM	101	1.47	0.50	1.74	5.21	2.30	0.89	0.38	1.27	2.17	1.06	1.43	2.61
	USGS 01160350 ASHUELOT RIVER AT WEST SWANZEY, NH	Calculated monthly mean streamflow in CFSM	316.1	1.48	0.61	1.63	4.84	2.48	0.98	0.52	0.80	1.71	1.11	1.54	2.94
	USGS 01161000 ASHUELOT RIVER AT HINSDALE, NH	Calculated monthly mean streamflow in CFSM	420	1.54	0.65	1.88	4.92	2.63	1.09	0.57	0.85	1.79	1.06	1.32	2.82

USERNAME	FACILITY	WUSD_ID	DA on DR (SQ MILE)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
End of Designated Reach			7.01	10.3	3.5	12.2	36.5	16.1	6.2	2.7	8.9	15.2	7.4	10.0	18.3
MARLOW POWER	NASH DAM	20246 20246-S01	46.33	67.9	23.3	80.7	241	106	41.0	17.5	58.7	100	49.1	66.1	121
MARLOW POWER	NASH DAM	20246 20246-D01	46.33	67.9	23.3	80.7	241	106	41.0	17.5	58.7	100	49.1	66.1	121
KEENE PUBLIC WATER DEPT	WATER WORKS	20338 20338-S03	108.46	159	54.9	189	563	250	96.4	41.6	136	233	115	155	284
KEENE STATE COLLEGE	ATHLETIC FIELDS	20757 20757-S01	115.52	169	58.8	200	599	267	103	44.8	143	247	123	166	304
KEENE STATE COLLEGE		20494 20494-S02	115.52	169	58.8	200	599	267	103	44.8	143	247	123	166	304
KEENE STATE COLLEGE	ATHLETIC FIELDS	20757 20757-S03	115.58	169	58.9	201	599	267	103	44.8	143	247	123	166	304
KEENE STATE COLLEGE	ATHLETIC FIELDS	20757 20757-S02	115.60	170	58.9	201	599	267	103	44.8	143	247	123	166	304
KEENE STATE COLLEGE		20494 20494-S03	115.60	170	58.9	201	599	267	103	44.8	143	247	123	166	304
The Branch	The Branch		215.83	318	121	363	1082	517	202	98	220	415	235	321	601
Ash Swamp Brook	Ash Swamp Brook		234.59	346	134	393	1168	565	222	109	230	442	256	351	660
South Branch Ashuelot	South Branch Ashuelot		288.59	427	172	475	1410	708	279	145	249	510	319	440	836
SWANZEY WWTF	WEST SWANZEY WWTP	20120 20120-D01	292.56	433	175	481	1428	719	284	147	250	515	323	447	849
WINCHESTER WATER WORKS	WINCHESTER WATER WORKS	20434 20434-S02	379.98	577	241	678	1858	978	398	209	315	667	410	535	1089
WINCHESTER WATER WORKS	WINCHESTER WATER WORKS	20434 20434-S01	379.98	577	241	678	1858	978	398	209	315	667	410	535	1089
Mirey Brook	Mirey Brook		385.28	586	245	693	1885	994	406	213	320	678	415	538	1102
WINCHESTER WWTF	WASTE WATER TREAT PLANT	20314 20314-D01	385.30	586	245	693	1885	995	406	213	320	678	415	538	1102
ALGONQUIN POWER SYST INC	LOWER ROBERTSON DAM	20590 20590-S01	408.36	627	264	757	2005	1068	440	230	343	726	435	551	1158
PAPER SERVICE LTD		20137 20137-S01	408.36	627	264	757	2005	1068	440	230	343	726	435	551	1158
PAPER SERVICE LTD		20137 20137-D01	408.41	627	264	757	2005	1068	440	230	343	726	435	551	1158
ALGONQUIN POWER SYST INC	LOWER ROBERTSON DAM	20590 20590-D01	408.49	627	264	757	2006	1069	440	230	343	726	436	551	1158
ATLANTIC PAPER MILLS OF NH	ATLANTIC PAPER MILLS OF NH	20627 20627-S01	412.26	634	267	768	2025	1081	446	233	347	734	439	552	1167
ALGONQUIN POWER SYST INC	ASHUELOT PAPER DAM	20589 20589-S01	412.26	634	267	768	2025	1081	446	233	347	734	439	552	1167
ATLANTIC PAPER MILLS OF NH	ATLANTIC PAPER MILLS OF NH	20627 20627-D01	412.58	635	267	769	2027	1082	447	233	347	734	439	553	1168
ALGONQUIN POWER SYST INC	ASHUELOT PAPER DAM	20589 20589-D01	412.58	635	267	769	2027	1082	447	233	347	734	439	553	1168
HINSDALE WWTF	WASTE WATER TREAT PLANT	20089 20089-D01	421.23	650	274	792	2072	1109	459	240	356	752	447	558	1188
Start of Designated Reach			421.92	650	274	792	2072	1109	459	240	356	752	447	558	1188
				7q10 cfsm	7Q10 cfs										
2004 Ashuelot Estimated Monthly General Standard at Each Impact Point in CFS	USGS 01158000 ASHUELOT RIVER BELOW SURRY MT DAM, NEAR KEENE, NH		101	0.0277	2.8										
	USGS 01160350 ASHUELOT RIVER AT WEST SWANZEY, NH		316.1	0.0664	21										
	USGS 01161000 ASHUELOT RIVER AT HINSDALE, NH		420	0.1071	45										
USERNAME	FACILITY	WUSD_ID	DA on DR (SQ MILE)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
End of Designated Reach			7.01	0.28	0.14	0.28	1.12	0.28	0.14	0.01	0.28	0.28	0.28	0.28	0.28
MARLOW POWER	NASH DAM	20246 20246-S01	46.33	1.85	0.93	1.85	7.41	1.85	0.93	0.06	1.85	1.85	1.85	1.85	1.85
MARLOW POWER	NASH DAM	20246 20246-D01	46.33	1.85	0.93	1.85	7.41	1.85	0.93	0.06	1.85	1.85	1.85	1.85	1.85
KEENE PUBLIC WATER DEPT	WATER WORKS	20338 20338-S03	108.46	4.34	2.17	4.34	17.35	4.34	2.17	0.16	4.34	4.34	4.34	4.34	4.34
KEENE STATE COLLEGE	ATHLETIC FIELDS	20757 20757-S01	115.52	4.62	2.31	4.62	18.48	4.62	2.31	0.18	4.62	4.62	4.62	4.62	4.62
KEENE STATE COLLEGE		20494 20494-S02	115.52	4.62	2.31	4.62	18.48	4.62	2.31	0.18	4.62	4.62	4.62	4.62	4.62
KEENE STATE COLLEGE	ATHLETIC FIELDS	20757 20757-S03	115.58	4.62	2.31	4.62	18.49	4.62	2.31	0.18	4.62	4.62	4.62	4.62	4.62
KEENE STATE COLLEGE	ATHLETIC FIELDS	20757 20757-S02	115.60	4.62	2.31	4.62	18.50	4.62	2.31	0.18	4.62	4.62	4.62	4.62	4.62
KEENE STATE COLLEGE		20494 20494-S03	115.60	4.62	2.31	4.62	18.50	4.62	2.31	0.18	4.62	4.62	4.62	4.62	4.62
The Branch	The Branch		215.83	8.63	4.32	8.63	34.53	8.63	4.32	0.52	8.63	8.63	8.63	8.63	8.63
Ash Swamp Brook	Ash Swamp Brook		234.59	9.38	4.69	9.38	37.53	9.38	4.69	0.61	9.38	9.38	9.38	9.38	9.38
South Branch Ashuelot	South Branch Ashuelot		288.59	11.54	5.77	11.54	46.17	11.54	5.77	0.77	11.54	11.54	11.54	11.54	11.54

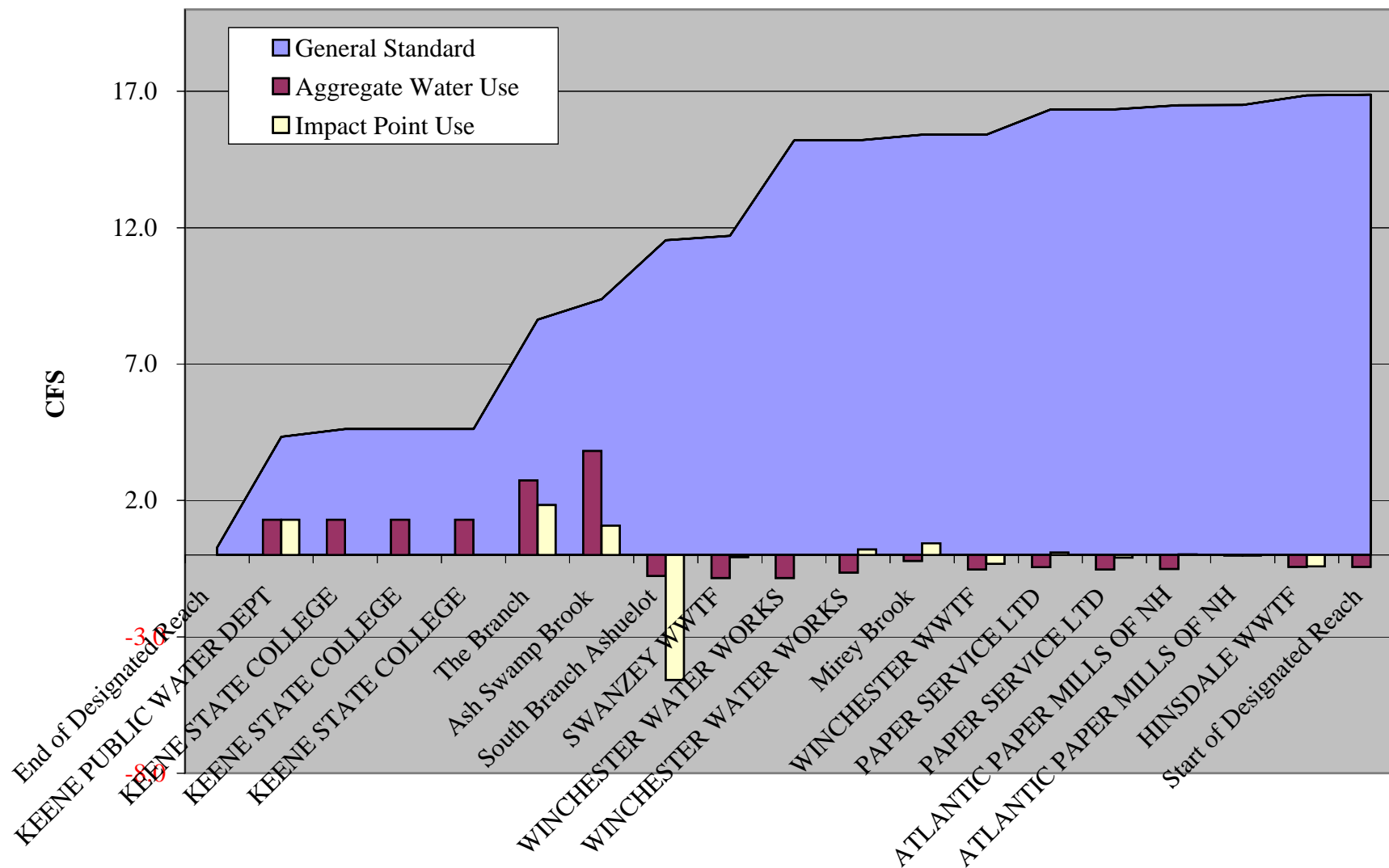
January 2004 Ashuelot



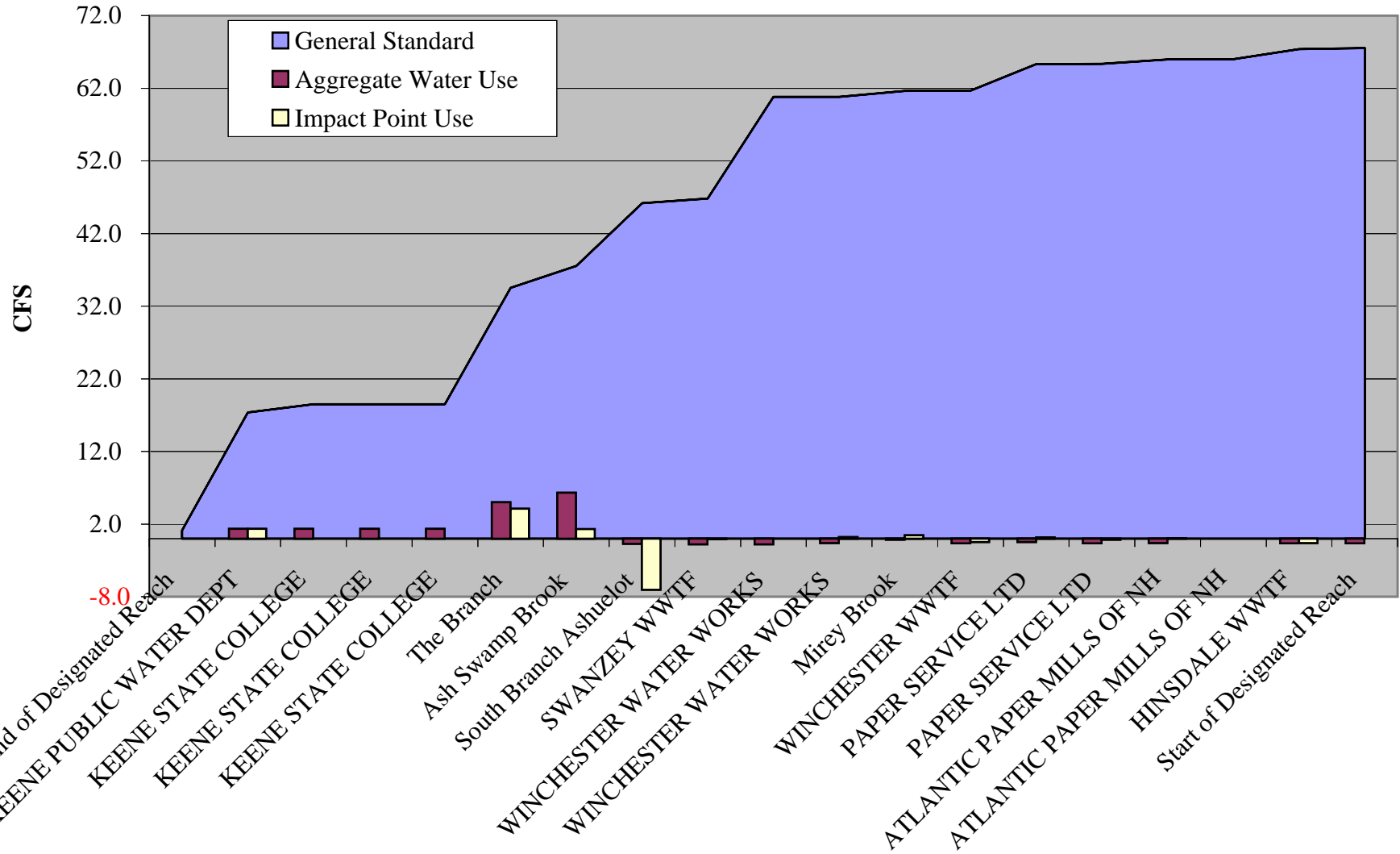
February 2004 Ashuelot



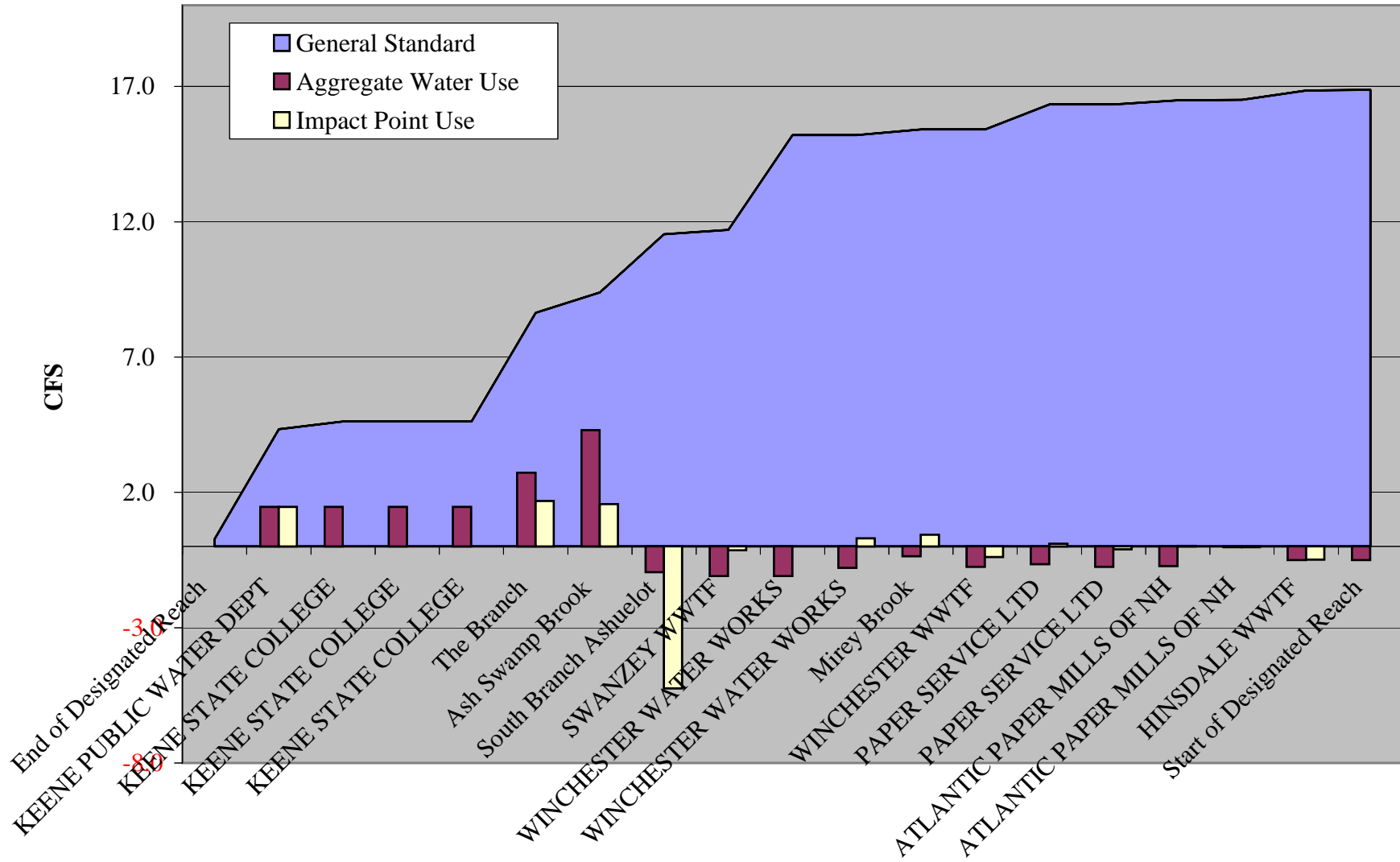
March 2004 Ashuelot



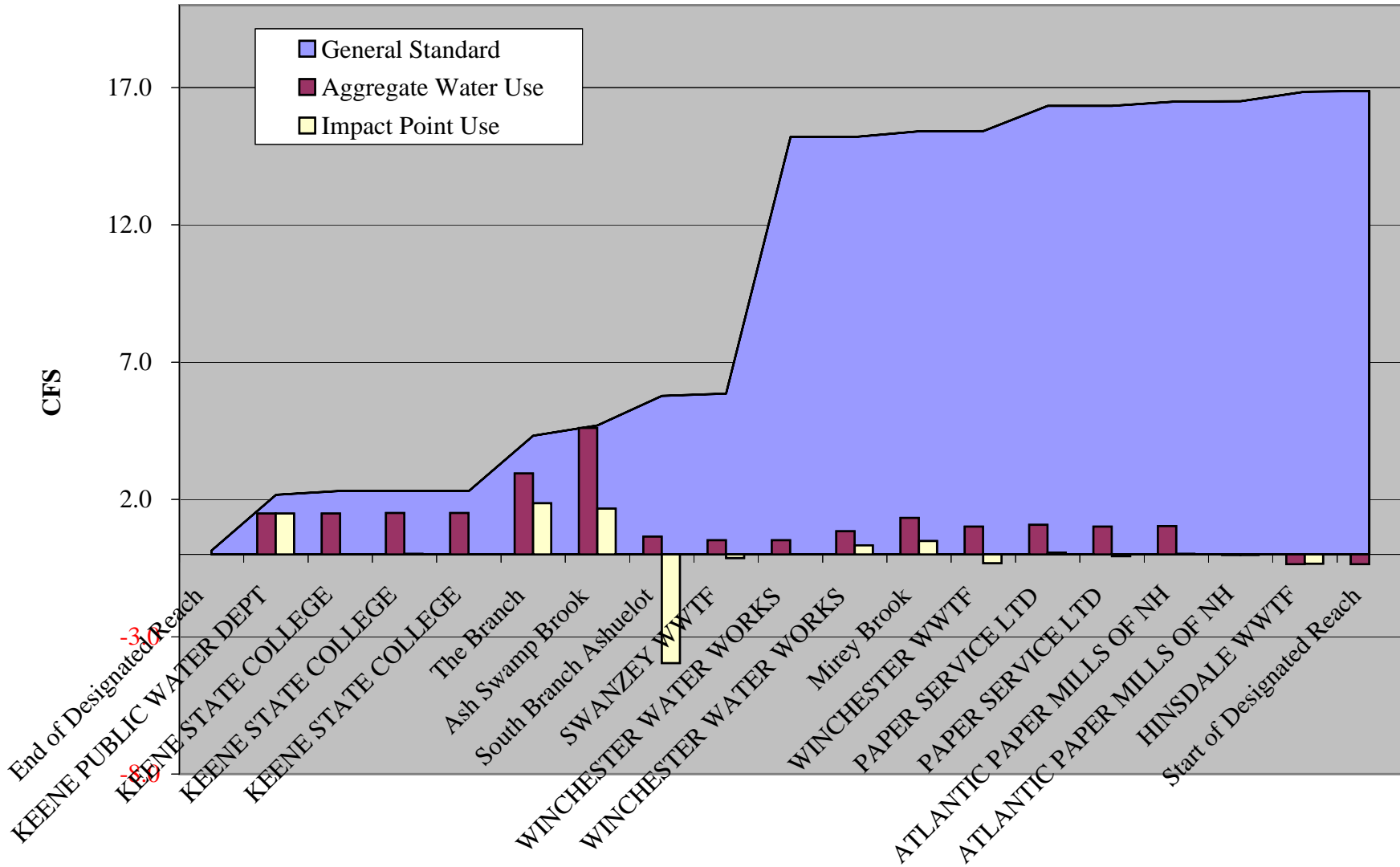
April 2004 Ashuelot



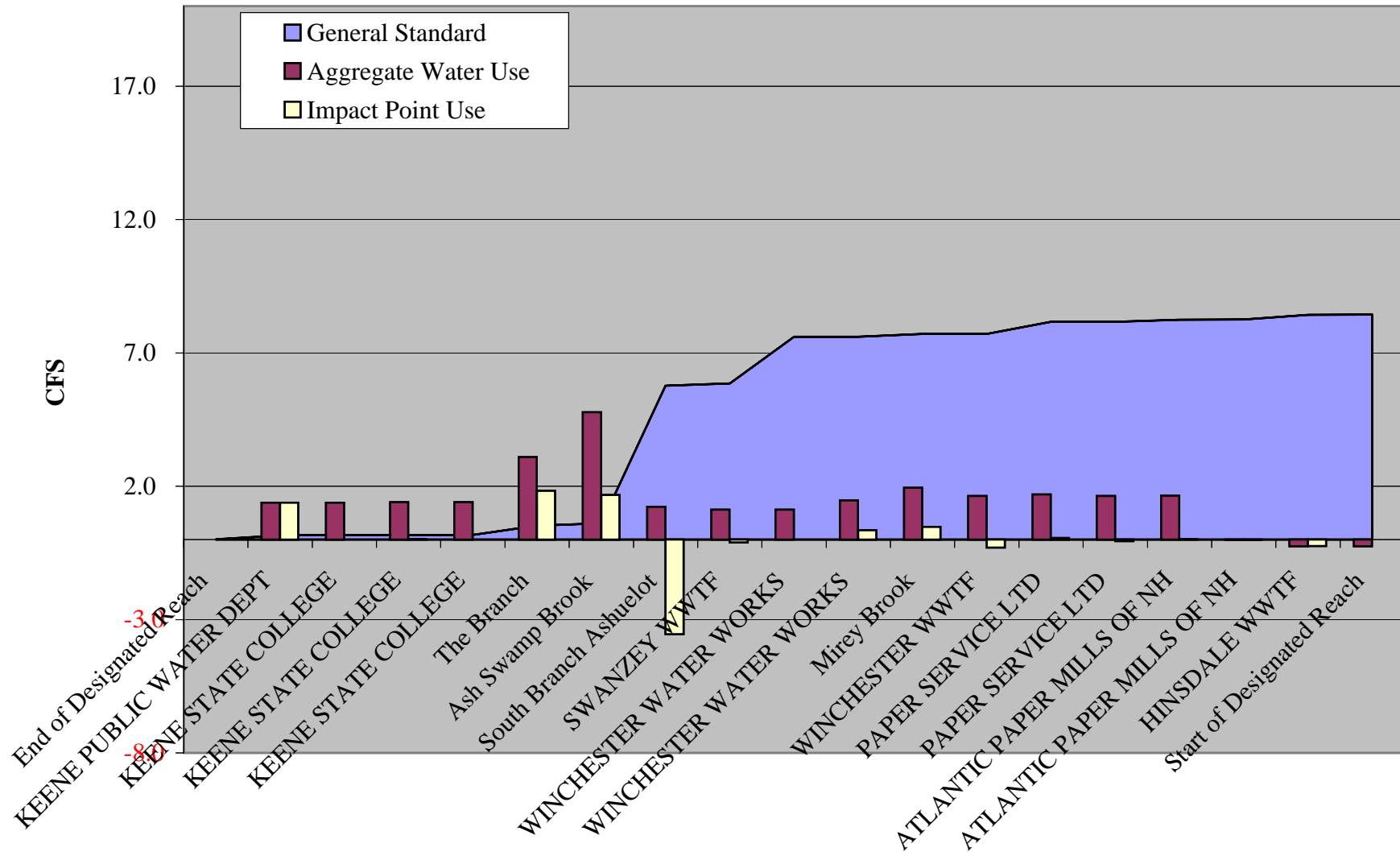
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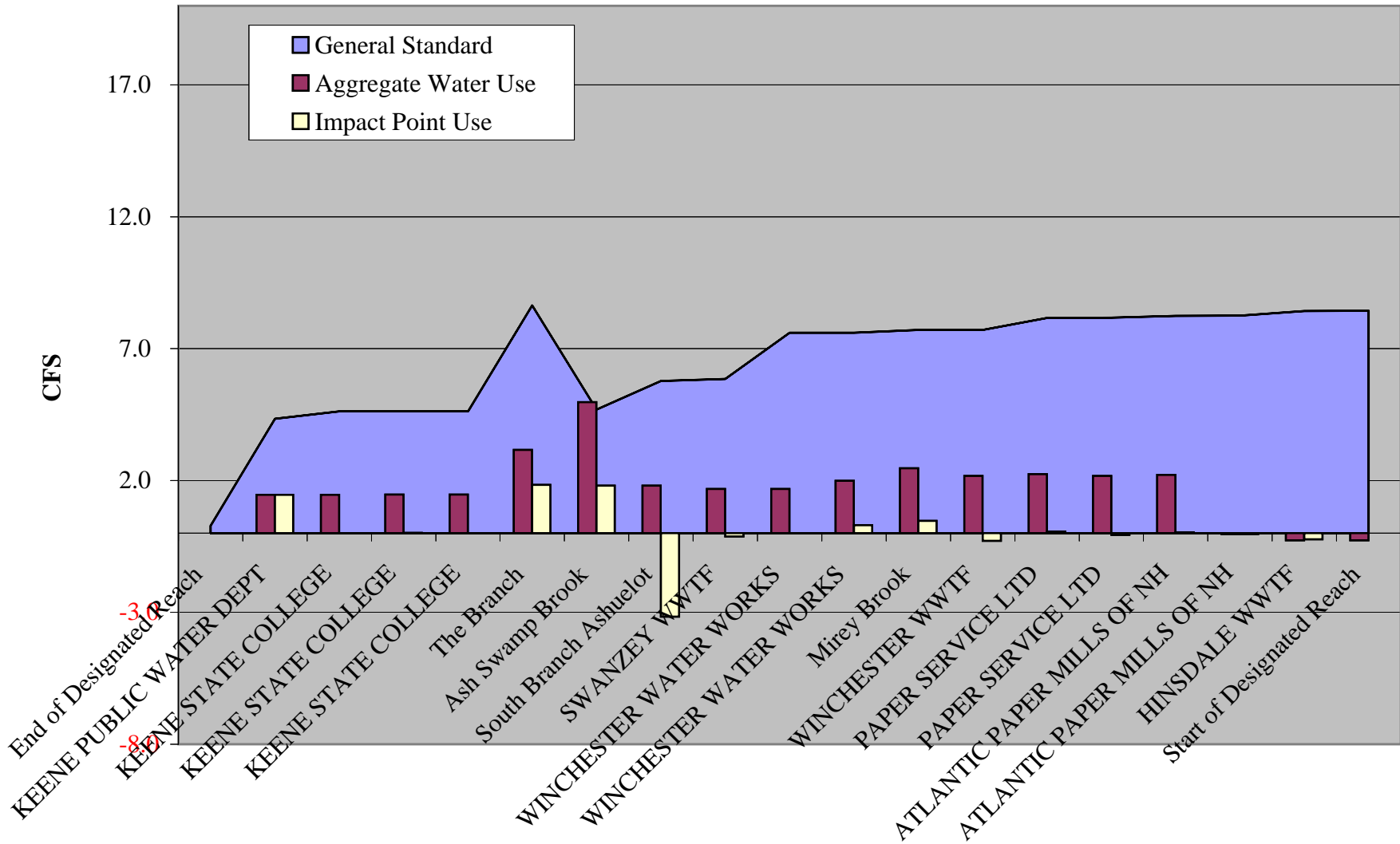
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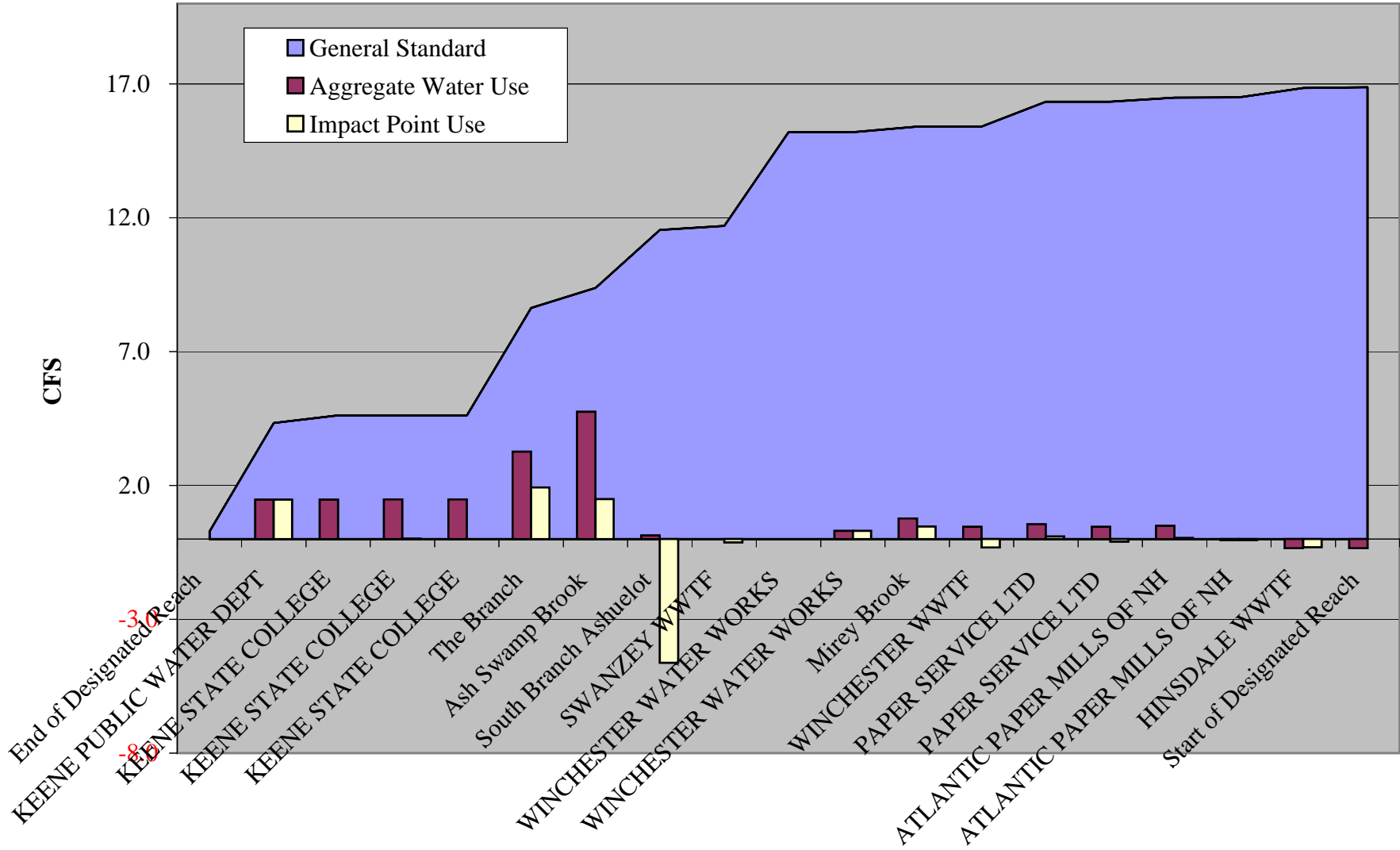
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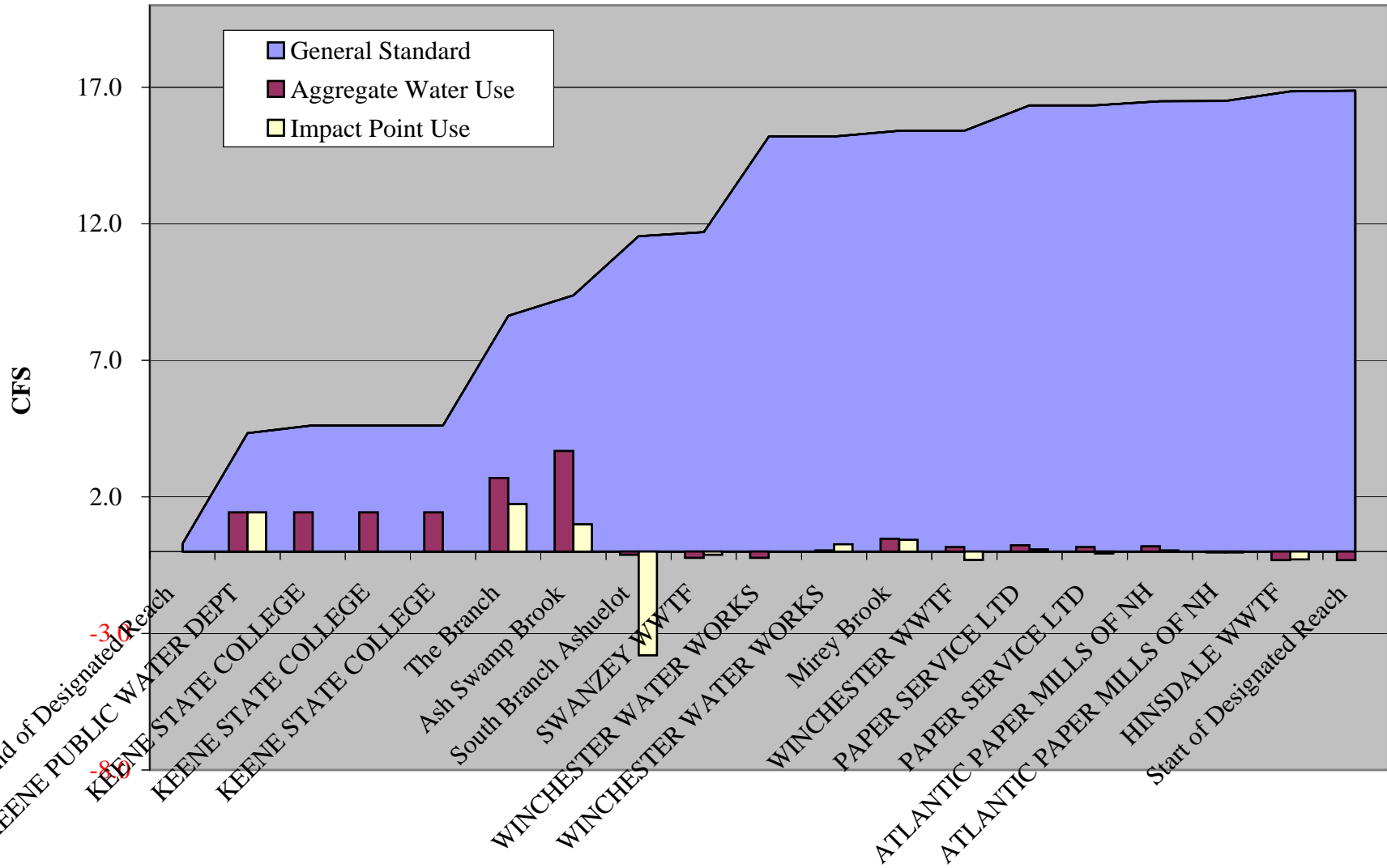
August 2004 Ashuelot



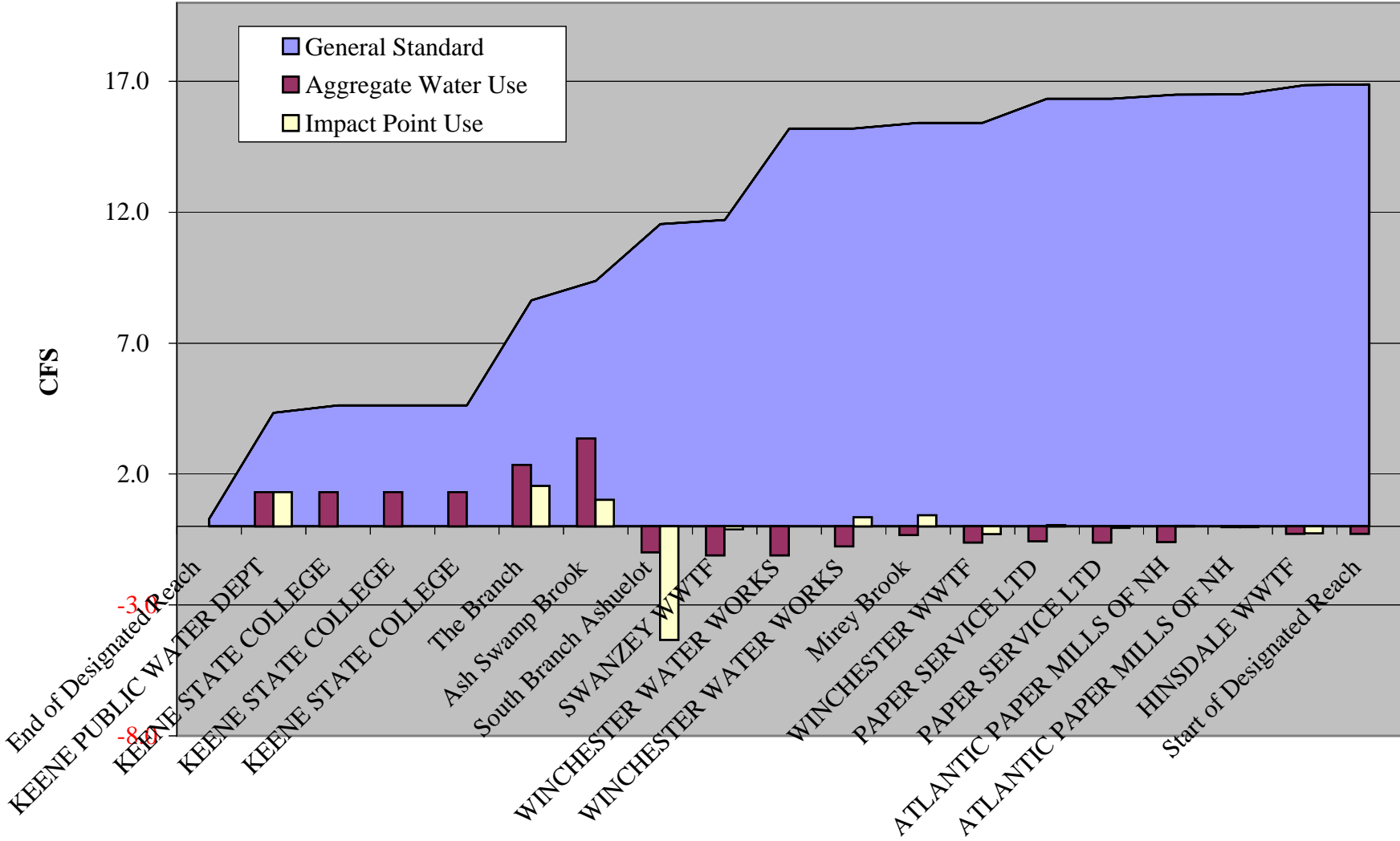
September 2004 Ashuelot



October 2004 Ashuelot



November 2004 Ashuelot



December 2004 Ashuelot

