

## Lower Merrimack Annual Water Use versus Stream Flow – Calendar Year 2006

Water use in the Lower Merrimack Water Management Planning Area was reported by 68 sources, 17 water transfers and 17 returns representing 59 facilities. Of these, 38 of the sources, 10 of the returns, and 10 of the water transfers are in the undesignated segment between the Upper Merrimack Designated River and the Lower Merrimack Designated River. These numbers do not include sources and returns in the Pemigewasset, Upper Merrimack, Contoocook, Piscataquog, and Souhegan Water Management Planning Areas, all of which are tributary to the Lower Merrimack. The effect of water use on these rivers is included in the results for the Lower Merrimack. Including all tributaries, a total of 274 sources, 75 measured returns, and 24 water transfers were reported in 2006 in the Lower Merrimack. All of these water uses were included in this assessment.

The following descriptions cover the Lower Merrimack without details of these other Designated Rivers except where noted. Please refer to the specific annual reports for details of water use within these other rivers.

Twenty eight sources and two discharges used by 17 facilities were not included in this assessment because they did not meet the definition of an Affected Water User. These sources include the following uses: one for agricultural irrigation, one commercial, three industrial, two for golf course irrigation and one for school ballfield irrigation, three sand and gravel mining, and four water supplies. These uses represent a net use of approximately 1.9 billion gallons annually that are not assessed under this process.

Unassessed Water User (Source > 500 feet from perennial stream)	Unassessed Annual Water Use (gallons)
Pleasant View Gardens Inc	13,120,167
Environmental Soil Management	14,090,777
NH International Speedway	432,424
DS Cole Growers Inc	4,144,800
Loudon Country Club	5,900,000
Hooksett Village Water Precinct	105,313,000
Plourde Sand & Gravel Co	398,880,000
Bear Brook Villa MHP	11,388,684
Fillmore Industries Inc	69,657,000
Litchfield Sand & Gravel	67,200,000
Hudson/Litchfield Systems (Pennichuck)	641,592,041
Campbell High School	2,346,400
Ducharme Sand and Gravel	0
Continental Paving Inc (Londonderry)	94,498,100
Badger Hill (Pennichuck)	6,629,017
NASHUA NTL FISH HATCHERY	463,835,334
BAE Systems (NHQ/MEC Facilities)	(9,279,890)
<b>TOTAL</b>	<b>1,890,180,278</b>

The Lower Merrimack Water Management Planning Area (excluding the five Designated Rivers in its tributary area) includes registered water use by seven hydroelectric facilities. Two are on the Merrimack River and both of these are upstream of the Designated River. 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 10 water supplies with 24 sources, and seven waste water treatment facilities. In addition, registered water users in 2006 include three agricultural farm irrigation facilities with 10 sources, 10 golf course irrigation facilities with 12 sources, and one aquaculture facility with three sources. There are twelve industrial facilities using six sources, six discharges and six transfers. In 2006, four gravel mining facilities reported four sources used. Five institutional facilities had measured uses for transfers for six water sources and one discharge.

This assessment assumes water volume reported as used by non-consumptive uses such as hydroelectric dams and aquaculture facilities is discharged through the dam structure at the same volume and with no delay caused by storage of the water—that is, water in is water out. The reporting rules (Env-Wq 2100) do not require separate measurements for discharges equal to 90 of withdrawal. In this assessment water use by PSNH Power Generation Station (20151 20151-S01) was also assumed to operate in this manner.

The beginning of the Lower Merrimack Designated River is the Bedford-Merrimack town line and the end is at the NH-MA border. The Lower Merrimack Designated River is separated from the Upper Merrimack Designated River by an undesignated segment that is 20.6 miles long. The Designated River is 16 miles long.

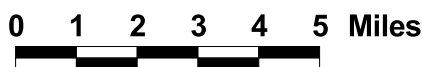
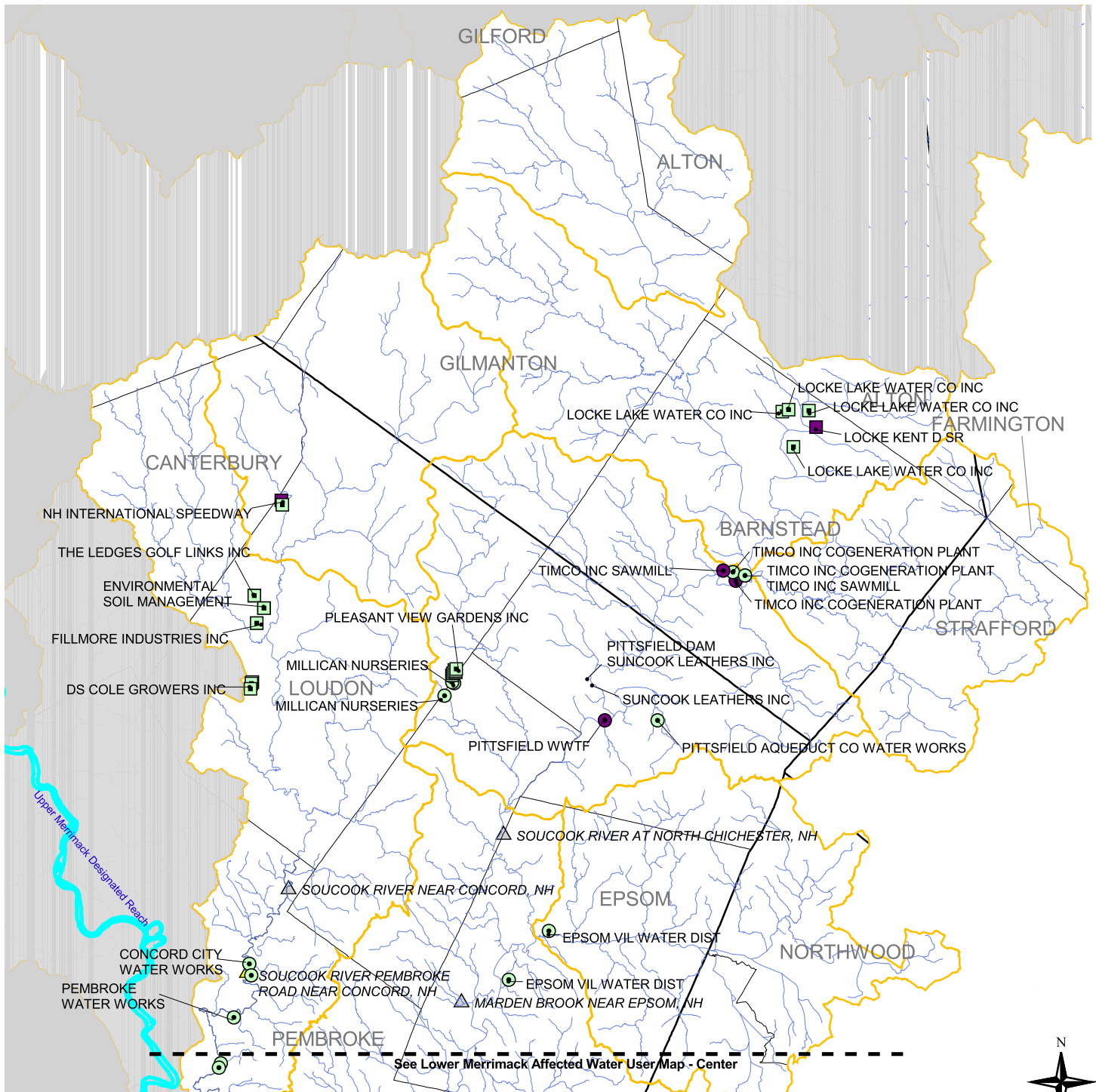
The Water Management Planning Area of the Lower Merrimack Designated River includes the watersheds of the Pemigewasset Designated River, the Winnepesaukee River, the Upper Merrimack Designated River, the Contocook Designated River, the Piscataquog Designated River and the Souhegan Designated River. The Pemigewasset watershed is 1223 square miles and the Winnepesaukee watershed adds another 486 square miles such that the watershed at the beginning of the Merrimack River is 1508 square miles. The Contocook watershed adds 764 square miles to the Merrimack watershed to equal 2339 square miles at their confluence. The Upper Merrimack Designated River watershed is 2428 square miles. The Piscataquog Designated River enters the undesignated segment of the Merrimack River between the Upper Merrimack Designated River and the Lower Merrimack Designated River. The Souhegan Designated River enters the Lower Merrimack Designated River in Merrimack contributing 220 square miles to its watershed. The results of water use in these basins are components of the Lower Merrimack River's assessment. The Lower Merrimack Water Management Planning Area covers 4046 square miles.

In this assessment, a stream flow gage is used that is upstream of the designated river segment: USGS 01092000 MERRIMACK R NR GOFFS FALLS, BELOW MANCHESTER, NH. The Goffs Falls gage measures 3092 square miles and is located about three miles upstream of the Designated River. For this report stream flow was transposed areally from the gage to all impact points on the Designated River. The Lower Merrimack Designated River was in compliance with the General Standard for 2006.

Lower Merrimack Designated River	River Miles not in Compliance with General Standard (0 at the D/S end of the DR)	Length of River Miles not in Compliance with General Standard	Maximum value of Aggregate WU /Stream flow	Previously not in Compliance with the General Standard (2003 to present)
January	--	--	See Note	--
February	--	--	See Note	--
March	--	--	0.18%	--
April	--	--	0.13%	--
May	--	--	See Note	--
June	--	--	See Note	--
July	--	--	0.36%	2003
August	--	--	0.89%	2004
September	--	--	1.12%	--
October	--	--	0.14%	--
November	--	--	See Note	--
December	--	--	See Note	--

Note: Values for these months were not calculated because water use records show more water was reported returned than was reported withdrawn. This usually indicates water collected from unregistered sources, such as infiltration or stormwater, which was reported by WWTFs as part of their discharge.

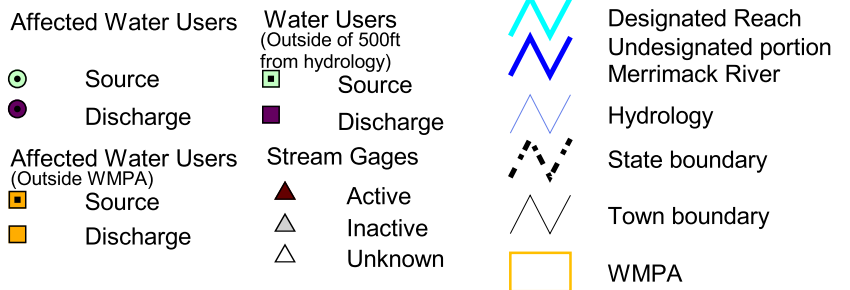
# Lower Merrimack River Affected Water User Facilities: Source and Discharge Locations - North



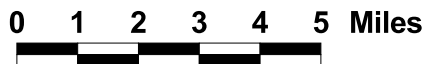
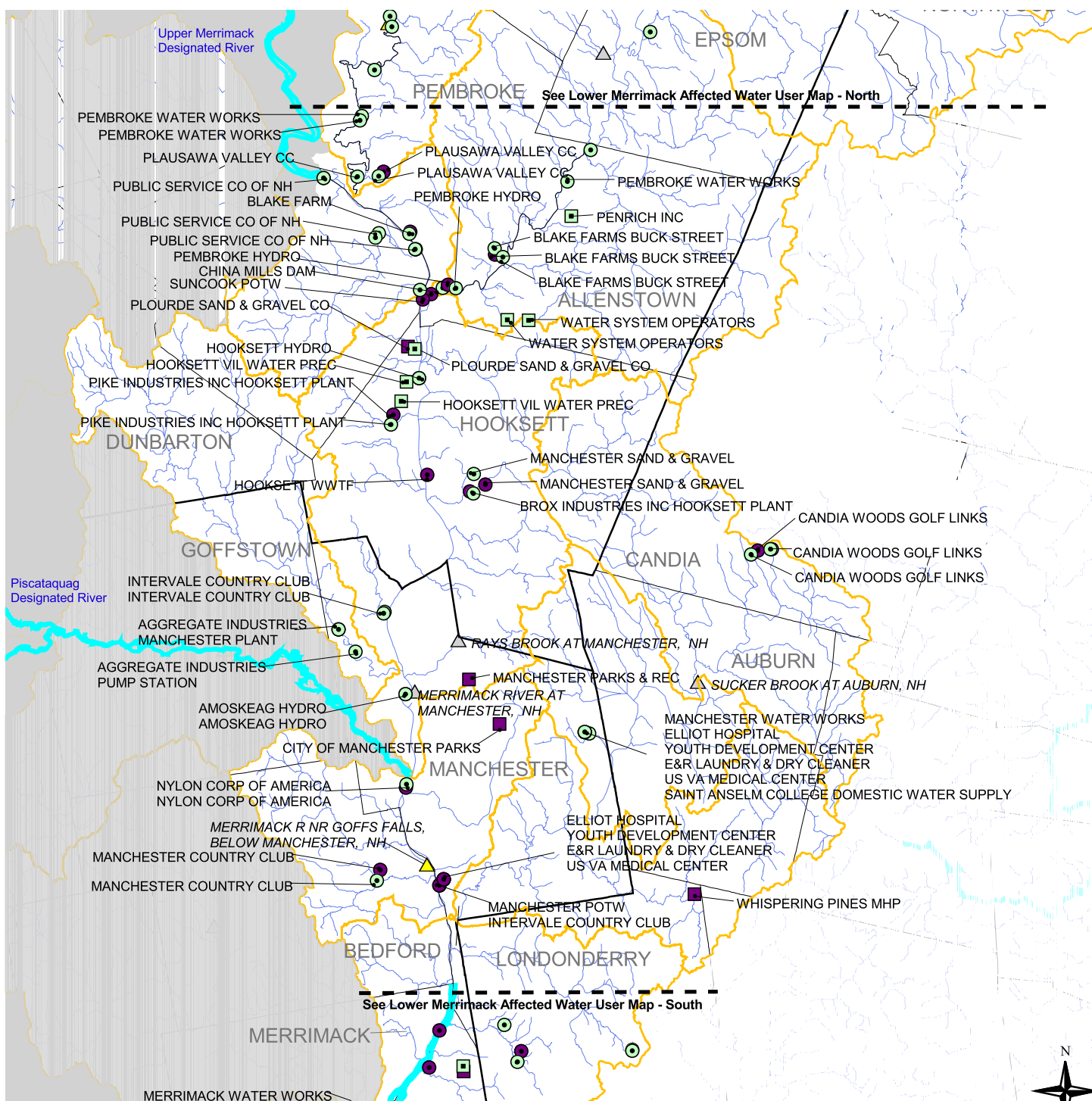
The coverages presented are under constant revision as new sites or facilities are added. They may not contain all of the potential or existing sites or facilities. NHDES is not responsible for the use or interpretation of this information. Not intended for legal purposes. Water users database last updated January 2007.

Map produced January 16, 2007.

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# Lower Merrimack River Affected Water User Facilities: Source and Discharge Locations - Center



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Map produced January 16, 2007.

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### Affected Water Users

- Source
- Discharge
- Affected Water Users (Outside WMPA)**
- Source
- Discharge

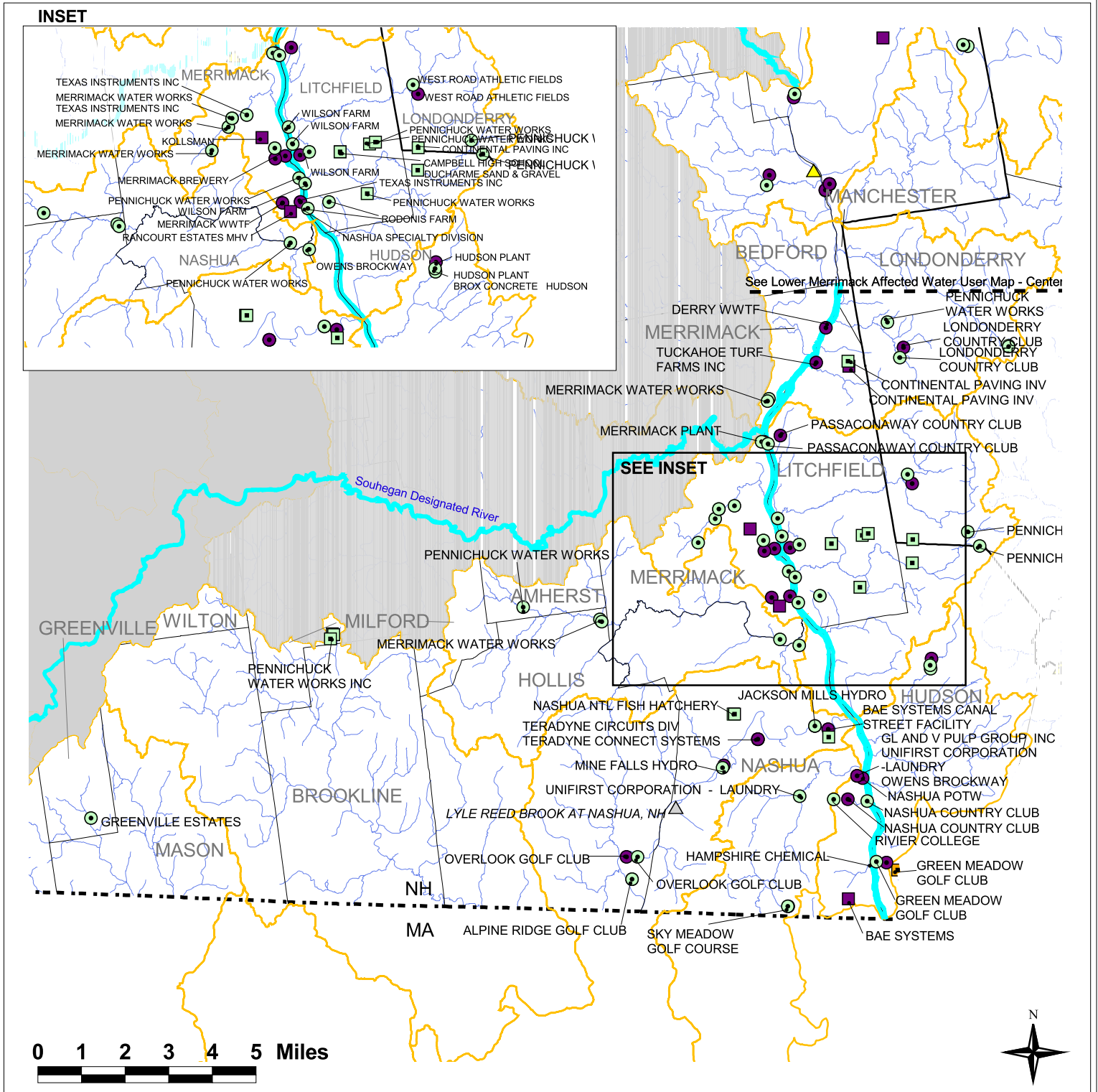
### Water Users (Outside of 500ft from hydrology)

- Source
- Discharge
- Stream Gages**
- Active
- Inactive
- Unknown

- Designated Reach
- Undesignated portion Merrimack River
- Hydrology
- State boundary
- Town boundary
- WMPA



# Lower Merrimack River Affected Water User Facilities: Source and Discharge Locations - South



## Legend

- |                                     |           |   |                                      |
|-------------------------------------|-----------|---|--------------------------------------|
| Affected Water Users                | Source    | Water Users (Outside of 500ft from hydrology) | Designated Reach                     |
| Discharge                           | Discharge | Source  | Undesignated portion Merrimack River |
| Affected Water Users (Outside WMPA) | Source    | Discharge                                     | Hydrology                            |
| Discharge                           | Discharge | Stream Gages                                  | State boundary                       |
|                                     |           | Active  | Town boundary                        |
|                                     |           | Inactive                                      | WMPA                                 |
|                                     |           | Unknown                                       |                                      |

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MANCHESTER COUNTRY CLUB	MANCHESTER COUNTRY CLUB	20243 20243-S01	3172.7	0.00	0.00	0.00	0.118	0.0443	0.0882	0.164	0.126	0.116	0.0863	0.00	0.00
MANCHESTER COUNTRY CLUB	MANCHESTER COUNTRY CLUB	20243 20243-D01	3172.7												
CANDIA WOODS GOLF LINKS		20207 20207-S03	3172.7	0.00	0.00	0.00	0.00	0.0499	0.0774	0.125	0.125	0.0516	0.00	0.00	0.00
CANDIA WOODS GOLF LINKS		20207 20207-S02	3172.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
CANDIA WOODS GOLF LINKS		20207 20207-S01	3172.7	0.00	0.00	0.00	0.0309	0.0299	0.168	0.200	0.200	0.129	0.0499	0.00	0.00
CANDIA WOODS GOLF LINKS		20207 20207-D01	3172.7												
BROX INDUSTRIES INC	HOOKSETT PLANT	20169 20169-S01	3172.7												
BROX INDUSTRIES INC	HOOKSETT PLANT	20169 20169-D01	3172.7												
PUBLIC SERVICE CO OF NH	MERRIMACK GENERATING STA	20151 20151-S03	3172.7	0.277	0.327	0.311	0.265	0.252	0.303	0.179	0.077	0.187	0.220	0.225	0.259
PUBLIC SERVICE CO OF NH	MERRIMACK GENERATING STA	20151 20151-S02	3172.7	0.260	0.328	0.261	0.224	0.244	0.323	0.287	0.352	0.262	0.269	0.269	0.237
PUBLIC SERVICE CO OF NH	MERRIMACK GENERATING STA	20151 20151-S01	3172.7	391.07	351.56	396.55	270.75	188.55	378.74	396.46	389.73	268.48	385.14	389.77	351.30
PUBLIC SERVICE CO OF NH	MERRIMACK GENERATING STA	20152 20151-D01	3173.7	(391.07)	(351.56)	(396.55)	(270.75)	(188.55)	(378.74)	(396.46)	(389.73)	(268.48)	(385.14)	(389.77)	(351.30)
PUBLIC SERVICE CO OF NH	HOOKSETT HYDRO	20148 20148-S01	3172.7	962.31	1010.28	1185.10	1506.90	587.91	1048.95	1109.29	522.93	0.00	657.53	744.17	1076.80
PUBLIC SERVICE CO OF NH	HOOKSETT HYDRO	20148 20148-D01	3172.7	(962.31)	(1010.28)	(1185.10)	(1506.90)	(587.91)	(1048.95)	(1109.29)	(522.93)	0.00	(657.53)	(744.17)	(1076.80)
PUBLIC SERVICE CO OF NH	GARVINS FALLS HYDRO	20146 20146-S01	3172.7	3507.34	3179.35	2308.32	3281.46	2783.29	3258.25	2891.58	645.15	688.47	2808.04	3595.53	3369.65
PUBLIC SERVICE CO OF NH	GARVINS FALLS HYDRO	20146 20146-D01	3172.7	(3507.34)	(3179.35)	(2308.32)	(3281.46)	(2783.29)	(3258.25)	(2891.58)	(645.15)	(688.47)	(2808.04)	(3595.53)	(3369.65)
PUBLIC SERVICE CO OF NH	AMOSKEAG HYDRO	20143 20143-S01	3172.7	4782.18	4396.94	2933.36	4579.50	4211.29	4458.83	4291.74	2654.87	1233.06	3455.24	4952.36	4560.94
PUBLIC SERVICE CO OF NH	AMOSKEAG HYDRO	20143 20143-D01	3172.7	(4782.18)	(4396.94)	(2933.36)	(4579.50)	(4211.29)	(4458.83)	(4291.74)	(2654.87)	(1233.06)	(3455.24)	(4952.36)	(4560.94)
NYLON CORP OF AMERICA		20138 20138-S02	3172.7	0.712	0.657	0.726	0.550	0.754	0.509	0.240	1.01	0.853	0.564	0.749	0.418
NYLON CORP OF AMERICA		20138 20138-D02	3172.7	(0.575)	(0.545)	(0.600)	(0.535)	(0.800)	(0.486)	(0.260)	(1.09)	(0.734)	(0.531)	(0.638)	(0.415)
PITTSFIELD WWTF	WASTE WATER TREAT PLANT	20094 20094-D01	3172.7	(0.465)	(0.383)	(0.268)	(0.299)	(0.456)	(0.643)	(0.362)	(0.246)	(0.219)	(0.300)	(0.432)	(0.374)
MANCHESTER WWTF	MANCHESTER POTW	20076 20076-D01	3172.7	(45.51)	(44.20)	(28.52)	(33.90)	(60.07)	(67.82)	(36.56)	(30.85)	(34.04)	(33.66)	(48.48)	(36.92)
PEMBROKE WATER WORKS	PEMBROKE WATER WORKS	20058 20058-S06	3172.7	0.151	0.133	0.126	0.129	0.130	0.208	0.226	0.160	0.167	0.161	0.086	0.117
PEMBROKE WATER WORKS	PEMBROKE WATER WORKS	20058 20058-S05	3172.7	0.699	0.618	0.513	0.398	0.625	0.526	0.563	0.479	0.341	0.698	0.624	0.552
PEMBROKE WATER WORKS	PEMBROKE WATER WORKS	20058 20058-S03	3172.7	0.0729	0.0449	0.0593	0.175	0.0649	0.174	0.353	0.180	0.160	0.0320	0.105	0.117
PEMBROKE WATER WORKS	PEMBROKE WATER WORKS	20058 20058-S02	3172.7	0.176	0.130	0.139	0.182	0.154	0.151	0.200	0.182	0.121	0.161	0.0864	0.117
PEMBROKE WATER WORKS	PEMBROKE WATER WORKS	20058 20058-S01	3172.7	0.0944	0.112	0.106	0.132	0.305	0.121	0.094	0.098	0.248	0.106	0.00	0.0113
MANCHESTER CITY	MANCHESTER WATER WORKS	20009 20009-S01	3172.7	22.86	22.77	22.85	24.15	27.41	29.85	34.07	28.89	28.53	24.02	22.40	22.18
CONCORD CITY	WATER WORKS	20005 20005-S03	3172.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
End of Upper Merrimack DR	End of DR - Garvin Falls		3172.7												
Piscataquog River	Sum of Piscataquog Water Use		3172.7	0.412	0.387	0.378	0.451	0.039	0.650	1.07	1.09	0.815	1.13	0.393	0.393
Start of DR			3172.7												
PENNICHUCK WATER WORKS	BROOK PARK COMM WS	20350 20350-S02	3178.2												
LONDONDERRY COUNTRY CLUB		20240 20240-S01	3178.2	0.00	0.00	0.00	0.0683	0.0317	0.0317	0.0843	0.0760	0.0260	0.00774	0.00	0.00
LONDONDERRY COUNTRY CLUB		20240 20240-D01	3178.2												
DERRY WWTF	WASTE WATER TREAT PLANT	20101 20101-D01	3178.4	(3.35)	(3.18)	(2.31)	(2.37)	(3.53)	(3.85)	(2.63)	(2.32)	(2.03)	(2.37)	(3.08)	(2.75)
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S05	3184.6	0.674	0.632	0.652	0.260	0.00	0.271	0.919	0.846	0.678	0.636	0.721	0.629
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S04	3184.6	0.197	0.185	0.190	0.0755	0.00	0.0783	0.265	0.240	0.0202	0.178	0.203	0.177
Souhegan DR	Sum of Souhegan Water Use		3404.3	(1.52)	(1.44)	(0.54)	(0.75)	(1.96)	(2.45)	0.805	0.234	0.657	(0.187)	(1.55)	(0.876)
PASSACONAWAY COUNTRY CLUB	GOLF COURSE	20476 20476-S01	3404.4	0.00	0.00	0.00	0.140	0.00	0.204	0.00545	0.216	0.317	0.281	0.0578	0.00
JONES CHEMICALS INC	MERRIMACK PLANT	20156 20156-S01	3404.4	0.0377	0.0378	0.0413	0.0371	0.0395	0.0408	0.0359	0.0413	0.0371	0.0395	0.0371	0.0216
JONES CHEMICALS INC	MERRIMACK PLANT	20156 20156-D01	3404.4	(0.0000599)	(0.0000663)	(0.0000599)	(0.0000619)	(0.0000599)	(0.0000722)	(0.0000599)	(0.0000699)	(0.0000619)	(0.0000549)	(0.0000619)	(0.0000599)
PASSACONAWAY COUNTRY CLUB	GOLF COURSE	20476 20476-D01	3405.1												
TEXAS INSTRUMENTS INC	TEXAS INSTRUMENTS INC	20594 20594-S01	3410.7												
TEXAS INSTRUMENTS INC	TEXAS INSTRUMENTS INC	20594 20504-S02	3410.7												
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S03	3410.7	0.704	0.796	0.862	1.23	1.07	1.03	1.08	1.01	0.812	0.833	0.952	0.858
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S02	3410.7	1.24	1.10	1.19	1.68	1.45	1.42	1.53	1.41	1.11	1.04	1.22	1.09
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S01	3410.7	0.00	0.00	0.00	0.00								
TOWN OF LONDONDERRY	CONTINENTAL PARK	20756 20756-S01	3420.9	0.00	0.00	0.00	0.00	0.0125	0.0516	0.0499	0.0499	0.0129	0.00	0.00	0.00
TOWN OF LONDONDERRY	CONTINENTAL PARK	20756 20756-D01	3420.9												
WILSON FARM OF NH	WILSON FARM	20307 20307-S01	3420.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nesenkeag Brook			3420.9												
WILSON FARM OF NH	WILSON FARM	20307 20307-S04	3421.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00

WILSON FARM OF NH	WILSON FARM	20307 20307-S02	3421.9	0.00	0.00	0.00	0.00	0.00	0.00	0.044917	0.00	0.00	0.00	0.00	0.00
ANHEUSER-BUSCH INC	MERRIMACK BREWERY	20308 20308-S01	3422.2	2.79	2.90	2.87	2.75	2.87	3.17	2.66	2.88	3.14	2.66	2.87	2.42
ANHEUSER-BUSCH INC	MERRIMACK BREWERY	20308 20308-D03	3422.2	0.00	0.00	(0.000429)	(0.0437)	(0.063)	(0.132)	(0.137)	(0.122)	(0.106)	(0.0155)	(0.00000516)	0.00
ANHEUSER-BUSCH INC	MERRIMACK BREWERY	20308 20308-D01	3422.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WILSON FARM OF NH	WILSON FARM	20307 20307-D01	3422.2												
PENNICHUCK WATER WORKS	WATER WORKS	20030 20030-S02	3422.5	0.00	0.00	1.17	0.667	0.00	0.00	0.154	3.12	3.27	1.51	0.00	0.00
PENNICHUCK WATER WORKS	AVERY ESTATES	20794 20794-S02	3431.8	0.0101	0.00869	0.00899	0.00828	0.0106	0.0105	0.0159	0.0142	0.00876	0.00848	0.00817	0.00846
PENNICHUCK WATER WORKS	AVERY ESTATES	20794 20794-S01	3431.8	0.00631	0.00485	0.00563	0.00541	0.00651	0.00663	0.0101	0.00908	0.00566	0.00547	0.00525	0.00547
WILSON FARM OF NH	WILSON FARM	20307 20307-S03	3431.8	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.17	0.00	0.00	0.00	0.00
Chase Brook			3431.8												
RODONIS FARM ENTERPRISES	RODONIS FARM	20680 20680-S01	3432.7												
TEXAS INSTRUMENTS INC	TEXAS INSTRUMENTS INC	20594 20091-D01	3432.7												
MERRIMACK WWTF	WASTE WATER TREAT PLANT	20091 20091-D01	3432.7	(4.58)	(4.76)	(4.33)	(4.29)	(6.12)	(5.89)	(5.16)	(4.41)	(3.84)	(4.15)	(4.42)	(4.16)
PENNICHUCK WATER WORKS	BON TERRAIN	20703 20703-S01	3459.7	1.27	1.28	1.23	1.28	1.30	1.34	1.28	1.29	1.24	1.29	1.30	1.04
OWENS BROCKWAY	OWENS BROCKWAY	20656 20030-S01	3459.7	0.0351	0.0322	0.0351	0.0274	0.0310	0.0455	0.0399	0.0567	0.0297	0.0231	0.0255	0.0205
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S08	3459.7	0.00	0.00	0.00	0.00	0.872	0.979	1.02	0.959	0.782	0.199	0.00	0.00
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S07	3459.7	0.00	0.00	0.00	0.00	0.514	0.583	0.592	0.581	0.391	0.107	0.00	0.00
PENNICHUCK WATER WORKS	WATER WORKS	20030 20030-S01	3459.7	15.21	15.22	14.54	16.82	20.64	22.86	27.22	23.82	17.87	16.04	15.92	15.06
RODONIS FARM ENTERPRISES	RODONIS FARM	20680 20680-S02	3460.2												
ALPINE RIDGE GOLF CLUB	ALPINE RIDGE GOLF CLUB	20714 20714-S01	3998.7	0.00	0.00	0.0183	0.0189	0.0183	0.0189	0.0183	0.0183	0.0189	0.0183	0.00	0.00
ALPINE RIDGE GOLF CLUB	ALPINE RIDGE GOLF CLUB	20714 20714-D01	3998.7												
GREENVILLE ESTATES CO-OP	GREENVILLE ESTATES	20700 20700-S01	3998.7	0.0483	0.0530	0.0509	0.0680	0.0640	0.0673	0.0638	0.0784	0.0655	0.0651	0.0656	0.0604
AMPHENOL TCS		20626 20077-D01	3998.7	(0.0066)	(0.0055)	(0.0057)	(0.0059)	(0.0056)	(0.0058)	(0.0058)	(0.0057)	(0.0060)	(0.0060)	(0.0060)	(0.0060)
AMPHENOL TCS		20626 20030-S01	3998.7	0.00561	0.00596	0.00600	0.00490	0.00536	0.00538	0.01376	0.01403	0.0126	0.00574	0.00636	0.00414
ALGONQUIN POWER SYST INC	MINE FALLS HYDRO	20554 20554-S01	3998.7	1548.19	1490.21	688.53	520.29	1007.02	1216.75	761.88	334.49	385.33	520.69	1245.43	8728.82
ALGONQUIN POWER SYST INC	MINE FALLS HYDRO	20554 20554-D01	3998.7	(1548.19)	(1490.21)	(688.53)	(520.29)	(1007.02)	(1216.75)	(761.88)	(334.49)	(385.33)	(520.69)	(1245.43)	(8728.82)
OVERLOOK GOLF CLUB		20526 20526-S01	3998.7	0.00	0.00	0.188	0.195	0.189	0.196	0.195	0.196	0.203	0.00	0.00	0.00
OVERLOOK GOLF CLUB		20526 20526-D01	3998.7												
NASHUA HYDRO ASSOCIATES	JACKSON MILLS HYDRO	20488 20488-S01	3998.7	595.52	189.41	446.64	445.33	380.03	624.82	356.53	0.00	134.66	327.80	445.33	0.00
NASHUA HYDRO ASSOCIATES	JACKSON MILLS HYDRO	20488 20488-D01	3998.7	(595.52)	(189.41)	(446.64)	(445.33)	(380.03)	(624.82)	(356.53)	0.00	(134.66)	(327.80)	(445.33)	0.00
AMPHENOL TCS	CIRCUITS DIVISION	20407 20077-D01	3998.7	(0.153)	(0.184)	(0.172)	(0.114)	(0.149)	(0.177)	(0.150)	(0.177)	(0.316)	(0.178)	(0.179)	(0.123)
BAE SYSTEMS	CANAL STREET FACILITY	20369 20369-D02	3998.7												
Nashua River			3998.7												
AGGREGATE INDUSTRIES	BROX CONCRETE HUDSON	20555 20555-S01	4004.0	0.00309	0.00000	0.00686	0.00709	0.00956	0.00886	0.0101	0.00880	0.0102	0.0123	0.0103	0.00854
BROX INDUSTRIES INC	HUDSON PLANT	20205 20205-S01	4004.0	0.000	0.000	0.000	0.107	0.106	0.100	0.110	0.122	0.0977	0.112	0.0314	0.00
BROX INDUSTRIES INC	HUDSON PLANT	20205 20205-D01	4004.0												
First Brook			4004.0												
OWENS BROCKWAY	OWENS BROCKWAY	20656 20077-D01	4040.5												
UNIFIRST CORPORATION	LAUNDRY	20623 20077-D01	4040.5	(0.0753)	(0.0797)	(0.0824)	(0.0734)	(0.0743)	(0.0865)	(0.0648)	(0.0726)	(0.0740)	(0.0760)	(0.0753)	(0.0707)
UNIFIRST CORPORATION	LAUNDRY	20623 20030-S01	4040.5	0.0818	0.0857	0.0895	0.0797	0.0807	0.0941	0.0704	0.0789	0.0804	0.0826	0.0807	0.0768
SKY MEADOW COUNTRY CLUB	SKY MEADOW GOLF COURSE	20114 20114-S01	4040.5	0.00	0.00	0.00	0.0627	0.0312	0.0721	0.161	0.185	0.0642	0.0591	0.00	0.00
SKY MEADOW COUNTRY CLUB	SKY MEADOW GOLF COURSE	20114 20114-D01	4040.5												
NASHUA WWTF	NASHUA POTW	20077 20077-D01	4040.6	(23.71)	(24.10)	(18.96)	(19.11)	(27.18)	(29.08)	(19.61)	(18.08)	(17.60)	(16.06)	(19.11)	(16.61)
NASHUA COUNTRY CLUB	NASHUA COUNTRY CLUB	20684 20684-S01	4041.8	0.00	0.00	0.00	0.0925	0.00175	0.0776	0.233	0.329	0.0439	0.0356	0.00	0.00
NASHUA COUNTRY CLUB	NASHUA COUNTRY CLUB	20684 20684-D01	4041.8												
RIVIER COLLEGE	RIVIER COLLEGE	20643 20030-S01	4043.1	0.0365	0.0481	0.0464	0.0421	0.0563	0.0281	0.0442	0.0427	0.0623	0.0624	0.0535	0.0533
GREEN MEADOW GOLF CLUB IN	GREEN MEADOW GOLF CLUB IN	20227 20227-S01	4045.5	0.00	0.00	0.00	0.00	0.00	0.00	0.713	0.977	0.114	0.0341	0.00	0.00
GREEN MEADOW GOLF CLUB IN	GREEN MEADOW GOLF CLUB IN	20227 20227-D01	4045.5												
end of DR	NH/ Mass Border		4046.3												

Transfers of water      Tributaries or endpoints of DR

**2006 Lower Merrimack Aggregate Water Use in CFS**

WU_NAME	FACILITY	WUSD_ID	DA on DR (SQ MILE)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Start of DR			3172.7	(23.7)	(22.9)	(5.6)	(9.6)	(34.8)	(38.1)	0.2	0.6	(3.6)	(8.0)	(26.8)	(15.0)
LONDONDERRY COUNTRY CLUB		20240 20240-S01	3178.2	(23.7)	(22.9)	(5.6)	(9.6)	(34.7)	(38.0)	0.3	0.7	(3.5)	(8.0)	(26.8)	(15.0)
DERRY WWTF	WASTE WATER TREAT PLANT	20101 20101-D01	3178.4	(27.0)	(26.0)	(7.9)	(11.9)	(38.3)	(41.9)	(2.3)	(1.6)	(5.6)	(10.3)	(29.9)	(17.8)
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S05	3184.6	(26.4)	(25.4)	(7.3)	(11.7)	(38.3)	(41.6)	(1.4)	(0.8)	(4.9)	(9.7)	(29.1)	(17.2)
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S04	3184.6	(26.2)	(25.2)	(7.1)	(11.6)	(38.3)	(41.5)	(1.1)	(0.6)	(4.9)	(9.5)	(28.9)	(17.0)
Souhegan DR	Sum of Souhegan Water Use		3404.3	(27.7)	(26.7)	(7.6)	(12.3)	(40.2)	(44.0)	(0.3)	(0.3)	(4.2)	(9.7)	(30.5)	(17.9)
PASSACONAWAY COUNTRY CLUB	GOLF COURSE	20476 20476-S01	3404.4	(27.7)	(26.7)	(7.6)	(12.2)	(40.2)	(43.8)	(0.3)	(0.1)	(3.9)	(9.4)	(30.4)	(17.9)
JONES CHEMICALS INC	MERRIMACK PLANT	20156 20156-S01	3404.4	(27.6)	(26.6)	(7.6)	(12.2)	(40.2)	(43.7)	(0.3)	(0.1)	(3.9)	(9.4)	(30.4)	(17.8)
JONES CHEMICALS INC	MERRIMACK PLANT	20156 20156-D01	3404.4	(27.6)	(26.6)	(7.6)	(12.2)	(40.2)	(43.7)	(0.3)	(0.1)	(3.9)	(9.4)	(30.4)	(17.8)
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S03	3410.7	(26.9)	(25.8)	(6.7)	(10.9)	(39.1)	(42.7)	0.8	1.0	(3.0)	(8.6)	(29.4)	(17.0)
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S02	3410.7	(25.7)	(24.7)	(5.5)	(9.3)	(37.7)	(41.3)	2.3	2.4	(1.9)	(7.5)	(28.2)	(15.9)
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S01	3410.7	(25.7)	(24.7)	(5.5)	(9.3)	(37.7)	(41.3)	2.3	2.4	(1.9)	(7.5)	(28.2)	(15.9)
Nesenkeag Brook			3420.9	(25.7)	(24.7)	(5.5)	(9.3)	(37.6)	(41.2)	2.4	2.4	(1.9)	(7.5)	(28.2)	(15.9)
WILSON FARM OF NH	WILSON FARM	20307 20307-S04	3421.9	(25.7)	(24.7)	(5.5)	(9.3)	(37.6)	(41.2)	2.4	2.5	(1.9)	(7.5)	(28.2)	(15.9)
WILSON FARM OF NH	WILSON FARM	20307 20307-S02	3421.9	(25.7)	(24.7)	(5.5)	(9.3)	(37.6)	(41.2)	2.4	2.5	(1.9)	(7.5)	(28.2)	(15.9)
ANHEUSER-BUSCH INC	MERRIMACK BREWERY	20308 20308-S01	3422.2	(22.9)	(21.8)	(2.6)	(6.5)	(34.8)	(38.1)	5.1	5.4	1.2	(4.9)	(25.4)	(13.5)
ANHEUSER-BUSCH INC	MERRIMACK BREWERY	20308 20308-D03	3422.2	(22.9)	(21.8)	(2.6)	(6.6)	(34.8)	(38.2)	4.9	5.2	1.1	(4.9)	(25.4)	(13.5)
ANHEUSER-BUSCH INC	MERRIMACK BREWERY	20308 20308-D01	3422.2	(22.9)	(21.8)	(2.6)	(6.6)	(34.8)	(38.2)	4.9	5.2	1.1	(4.9)	(25.4)	(13.5)
PENNICHUCK WATER WORKS	WATER WORKS	20030 20030-S02	3422.5	(22.9)	(21.8)	(1.5)	(5.9)	(34.8)	(38.2)	5.1	8.4	4.4	(3.4)	(25.4)	(13.5)
Chase Brook			3431.8	(22.9)	(21.8)	(1.5)	(5.9)	(34.8)	(38.2)	5.2	8.5	4.4	(3.3)	(25.3)	(13.5)
MERRIMACK WWTF	WASTE WATER TREAT PLANT	20091 20091-D01	3432.7	(27.5)	(26.6)	(5.8)	(10.2)	(40.9)	(44.1)	0.1	4.1	0.6	(7.5)	(29.8)	(17.6)
PENNICHUCK WATER WORKS	BON TERRAIN	20703 20703-S01	3459.7	(26.2)	(25.3)	(4.6)	(8.9)	(39.7)	(42.8)	1.3	5.4	1.8	(6.2)	(28.5)	(16.6)
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S08	3459.7	(26.2)	(25.3)	(4.6)	(8.9)	(38.8)	(41.8)	2.4	6.4	2.6	(6.0)	(28.5)	(16.6)
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S07	3459.7	(26.2)	(25.3)	(4.6)	(8.9)	(38.3)	(41.2)	3.0	7.0	3.0	(5.9)	(28.5)	(16.6)
PENNICHUCK WATER WORKS	WATER WORKS	20030 20030-S01	3459.7	(11.0)	(10.1)	10.0	7.9	(17.6)	(18.3)	30.2	30.8	20.8	10.2	(12.5)	(1.5)
Nashua River			3998.7	(10.9)	(10.0)	10.2	8.2	(17.4)	(18.0)	30.4	31.1	21.1	10.2	(12.5)	(1.5)
First Brook			4004.0	(10.9)	(10.0)	10.2	8.3	(17.2)	(17.9)	30.6	31.2	21.2	10.4	(12.4)	(1.5)
SKY MEADOW COUNTRY CLUB	SKY MEADOW GOLF COURSE	20114 20114-S01	4040.5	(10.9)	(10.0)	10.2	8.4	(17.2)	(17.9)	30.7	31.4	21.3	10.4	(12.4)	(1.5)
NASHUA WWTF	NASHUA POTW	20077 20077-D01	4040.6	(34.7)	(34.1)	(8.7)	(10.7)	(44.4)	(46.9)	11.1	13.3	3.7	(5.6)	(31.5)	(18.1)
NASHUA COUNTRY CLUB	NASHUA COUNTRY CLUB	20684 20684-S01	4041.8	(34.7)	(34.1)	(8.7)	(10.6)	(44.4)	(46.9)	11.3	13.6	3.7	(5.6)	(31.5)	(18.1)
GREEN MEADOW GOLF CLUB IN	GREEN MEADOW GOLF CLUB IN	20227 20227-S01	4045.5	(34.7)	(34.1)	(8.7)	(10.6)	(44.4)	(46.9)	12.1	14.6	3.9	(5.6)	(31.5)	(18.1)
end of DR	NH/ Mass Border		4046.3	(34.7)	(34.1)	(8.7)	(10.6)	(44.4)	(46.9)	12.1	14.6	3.9	(5.6)	(31.5)	(18.1)

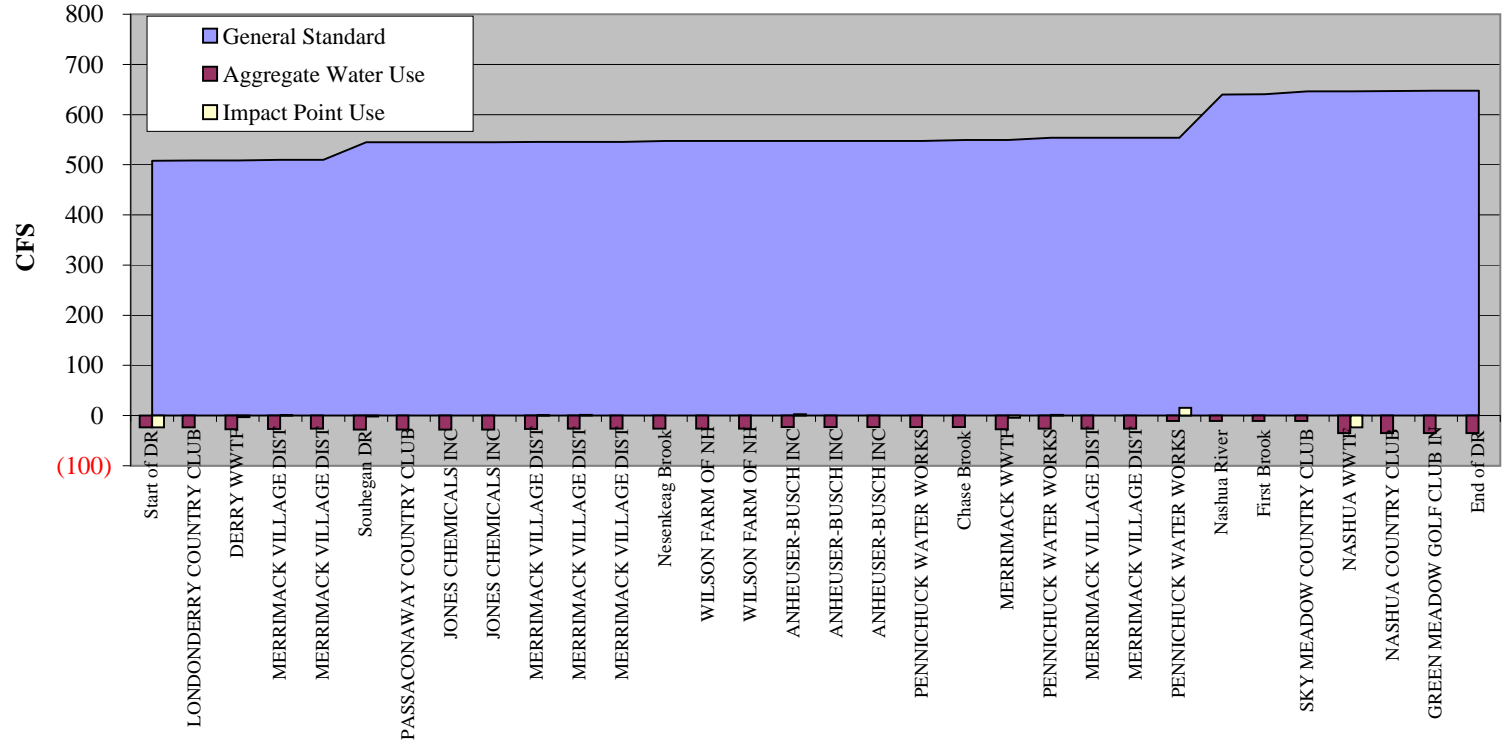
2006 Lower Merrimack Estimated Monthly Stream Flow at Each Impact Point in CFS	USGS 01092000 MERRIMACK R NR GOFFS FALLS, BELOW MANCHESTER, NH	Calculated monthly mean streamflow in CFSM	3092.0	4.06	3.13	1.64	1.82	6.59	4.82	2.44	1.00	0.54	2.09	4.12	2.43
WU_NAME	FACILITY	WUSD_ID	DA on DR (SQ MILE)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Start of DR			3172.7	12878	9928	5208	5789	20912	15279	7739	3187	1701	6630	13071	7702
LONDONDERRY COUNTRY CLUB		20240 20240-S01	3178.2	12900	9945	5216	5799	20948	15305	7752	3193	1704	6641	13093	7716
DERRY WWTF	WASTE WATER TREAT PLANT	20101 20101-D01	3178.4	12901	9945	5217	5800	20949	15306	7753	3193	1704	6642	13094	7716
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S05	3184.6	12926	9965	5227	5811	20990	15336	7768	3199	1708	6655	13120	7731
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S04	3184.6	12926	9965	5227	5811	20990	15336	7768	3199	1708	6655	13120	7731
Souhegan DR	Sum of Souhegan Water Use		3404.3	13818	10652	5588	6212	22439	16394	8304	3420	1825	7114	14025	8265
PASSACONAWAY COUNTRY CLUB	GOLF COURSE	20476 20476-S01	3404.4	13818	10652	5588	6212	22439	16394	8304	3420	1826	7114	14025	8265
JONES CHEMICALS INC	MERRIMACK PLANT	20156 20156-S01	3404.4	13818	10652	5588	6212	22439	16394	8304	3420	1826	7114	14025	8265
JONES CHEMICALS INC	MERRIMACK PLANT	20156 20156-D01	3404.4	13818	10652	5588	6212	22439	16394	8304	3420	1826	7114	14025	8265
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S03	3410.7	13843	10672	5598	6223	22480	16425	8319	3426	1829	7127	14051	8280
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S02	3410.7	13843	10672	5598	6223	22480	16425	8319	3426	1829	7127	14051	8280
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S01	3410.7	13843	10672	5598	6223	22480	16425	8319	3426	1829	7127	14051	8280
Neskenag Brook			3420.9	13885	10704	5615	6242	22548	16474	8344	3436	1834	7148	14093	8305
WILSON FARM OF NH	WILSON FARM	20307 20307-S04	3421.9	13889	10707	5616	6244	22554	16479	8347	3437	1835	7151	14097	8307
WILSON FARM OF NH	WILSON FARM	20307 20307-S02	3421.9	13889	10707	5616	6244	22554	16479	8347	3437	1835	7151	14097	8307
ANHEUSER-BUSCH INC	MERRIMACK BREWERY	20308 20308-S01	3422.2	13890	10708	5617	6245	22556	16480	8347	3438	1835	7151	14099	8308
ANHEUSER-BUSCH INC	MERRIMACK BREWERY	20308 20308-D03	3422.2	13890	10708	5617	6245	22556	16480	8347	3438	1835	7151	14099	8308
ANHEUSER-BUSCH INC	MERRIMACK BREWERY	20308 20308-D01	3422.2	13890	10708	5617	6245	22556	16480	8347	3438	1835	7151	14099	8308
PENNICHUCK WATER WORKS	WATER WORKS	20030 20030-S02	3422.5	13891	10709	5617	6245	22558	16482	8348	3438	1835	7152	14100	8309
Chase Brook			3431.8	13929	10738	5633	6262	22620	16526	8371	3447	1840	7171	14138	8331
MERRIMACK WWTF	WASTE WATER TREAT PLANT	20091 20091-D01	3432.7	13933	10741	5634	6264	22626	16531	8373	3448	1841	7173	14142	8334
PENNICHUCK WATER WORKS	BON TERRAIN	20703 20703-S01	3459.7	14043	10826	5679	6313	22804	16661	8439	3475	1855	7230	14253	8399
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S08	3459.7	14043	10826	5679	6313	22804	16661	8439	3475	1855	7230	14253	8399
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S07	3459.7	14043	10826	5679	6313	22804	16661	8439	3475	1855	7230	14253	8399
PENNICHUCK WATER WORKS	WATER WORKS	20030 20030-S01	3459.7	14043	10826	5679	6313	22804	16661	8439	3475	1855	7230	14253	8399
Nashua River			3998.7	16230	12512	6563	7296	26356	19256	9754	4017	2144	8356	16474	9708
First Brook			4004.0	16252	12529	6572	7306	26391	19282	9766	4022	2147	8367	16495	9720
SKY MEADOW COUNTRY CLUB	SKY MEADOW GOLF COURSE	20114 20114-S01	4040.5	16400	12643	6632	7373	26632	19458	9856	4059	2167	8443	16646	9809
NASHUA WWTF	NASHUA POTW	20077 20077-D01	4040.6	16400	12643	6632	7373	26632	19458	9856	4059	2167	8443	16646	9809
NASHUA COUNTRY CLUB	NASHUA COUNTRY CLUB	20684 20684-S01	4041.8	16405	12647	6634	7375	26640	19464	9859	4060	2167	8446	16651	9812
GREEN MEADOW GOLF CLUB IN end of DR	GREEN MEADOW GOLF CLUB IN NH/ Mass Border	20227 20227-S01	4045.5	16420	12658	6640	7382	26664	19482	9868	4064	2169	8454	16666	9821
			4046.3	16423	12661	6641	7383	26670	19485	9870	4065	2170	8455	16670	9823

<b>2006 Lower Merrimack Estimated Monthly General Standard at Each Impact Point in CFS</b>		<b>USGS 01092000 MERRIMACK R NR GOFFS FALLS, BELOW MANCHESTER, NH</b>	<b>General Standard in cfs/m</b>													
			3092.0	0.16	0.04	0.04	0.04	0.16	0.16	0.04	0.04	0.02	0.04	0.16	0.04	
WU_NAME	FACILITY	WUSD_ID	DA on DR (SQ MILE)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
Start of DR			3172.7	508	127	127	127	508	508	127	127	63	127	508	127	
LONDONDERRY COUNTRY CLUB		20240 20240-S01	3178.2	509	127	127	127	509	509	127	127	64	127	509	127	
DERRY WWTF	WASTE WATER TREAT PLANT	20101 20101-D01	3178.4	509	127	127	127	509	509	127	127	64	127	509	127	
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S05	3184.6	510	127	127	127	510	510	127	127	64	127	510	127	
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S04	3184.6	510	127	127	127	510	510	127	127	64	127	510	127	
Souhegan DR	Sum of Souhegan Water Use		3404.3	545	136	136	136	545	545	136	136	68	136	545	136	
PASSACONAWAY COUNTRY CLUB	GOLF COURSE	20476 20476-S01	3404.4	545	136	136	136	545	545	136	136	68	136	545	136	
JONES CHEMICALS INC	MERRIMACK PLANT	20156 20156-S01	3404.4	545	136	136	136	545	545	136	136	68	136	545	136	
JONES CHEMICALS INC	MERRIMACK PLANT	20156 20156-D01	3404.4	545	136	136	136	545	545	136	136	68	136	545	136	
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S03	3410.7	546	136	136	136	546	546	136	136	68	136	546	136	
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S02	3410.7	546	136	136	136	546	546	136	136	68	136	546	136	
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S01	3410.7	546	136	136	136	546	546	136	136	68	136	546	136	
Nesenkeag Brook			3420.9	547	137	137	137	547	547	137	137	68	137	547	137	
WILSON FARM OF NH	WILSON FARM	20307 20307-S04	3421.9	548	137	137	137	548	548	137	137	68	137	548	137	
WILSON FARM OF NH	WILSON FARM	20307 20307-S02	3421.9	548	137	137	137	548	548	137	137	68	137	548	137	
ANHEUSER-BUSCH INC	MERRIMACK BREWERY	20308 20308-S01	3422.2	548	137	137	137	548	548	137	137	68	137	548	137	
ANHEUSER-BUSCH INC	MERRIMACK BREWERY	20308 20308-D03	3422.2	548	137	137	137	548	548	137	137	68	137	548	137	
ANHEUSER-BUSCH INC	MERRIMACK BREWERY	20308 20308-D01	3422.2	548	137	137	137	548	548	137	137	68	137	548	137	
PENNICHUCK WATER WORKS	WATER WORKS	20030 20030-S02	3422.5	548	137	137	137	548	548	137	137	68	137	548	137	
Chase Brook			3431.8	549	137	137	137	549	549	137	137	69	137	549	137	
MERRIMACK WWTF	WASTE WATER TREAT PLANT	20091 20091-D01	3432.7	549	137	137	137	549	549	137	137	69	137	549	137	
PENNICHUCK WATER WORKS	BON TERRAIN	20703 20703-S01	3459.7	554	138	138	138	554	554	138	138	69	138	554	138	
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S08	3459.7	554	138	138	138	554	554	138	138	69	138	554	138	
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S07	3459.7	554	138	138	138	554	554	138	138	69	138	554	138	
PENNICHUCK WATER WORKS	WATER WORKS	20030 20030-S01	3459.7	554	138	138	138	554	554	138	138	69	138	554	138	
Nashua River			3998.7	640	160	160	160	640	640	160	160	80	160	640	160	
First Brook			4004.0	641	160	160	160	641	641	160	160	80	160	641	160	
SKY MEADOW COUNTRY CLUB	SKY MEADOW GOLF COURSE	20114 20114-S01	4040.5	646	162	162	162	646	646	162	162	81	162	646	162	
NASHUA WWTF	NASHUA POTW	20077 20077-D01	4040.6	646	162	162	162	646	646	162	162	81	162	646	162	
NASHUA COUNTRY CLUB	NASHUA COUNTRY CLUB	20684 20684-S01	4041.8	647	162	162	162	647	647	162	162	81	162	647	162	
GREEN MEADOW GOLF CLUB IN	GREEN MEADOW GOLF CLUB IN	20227 20227-S01	4045.5	647	162	162	162	647	647	162	162	81	162	647	162	

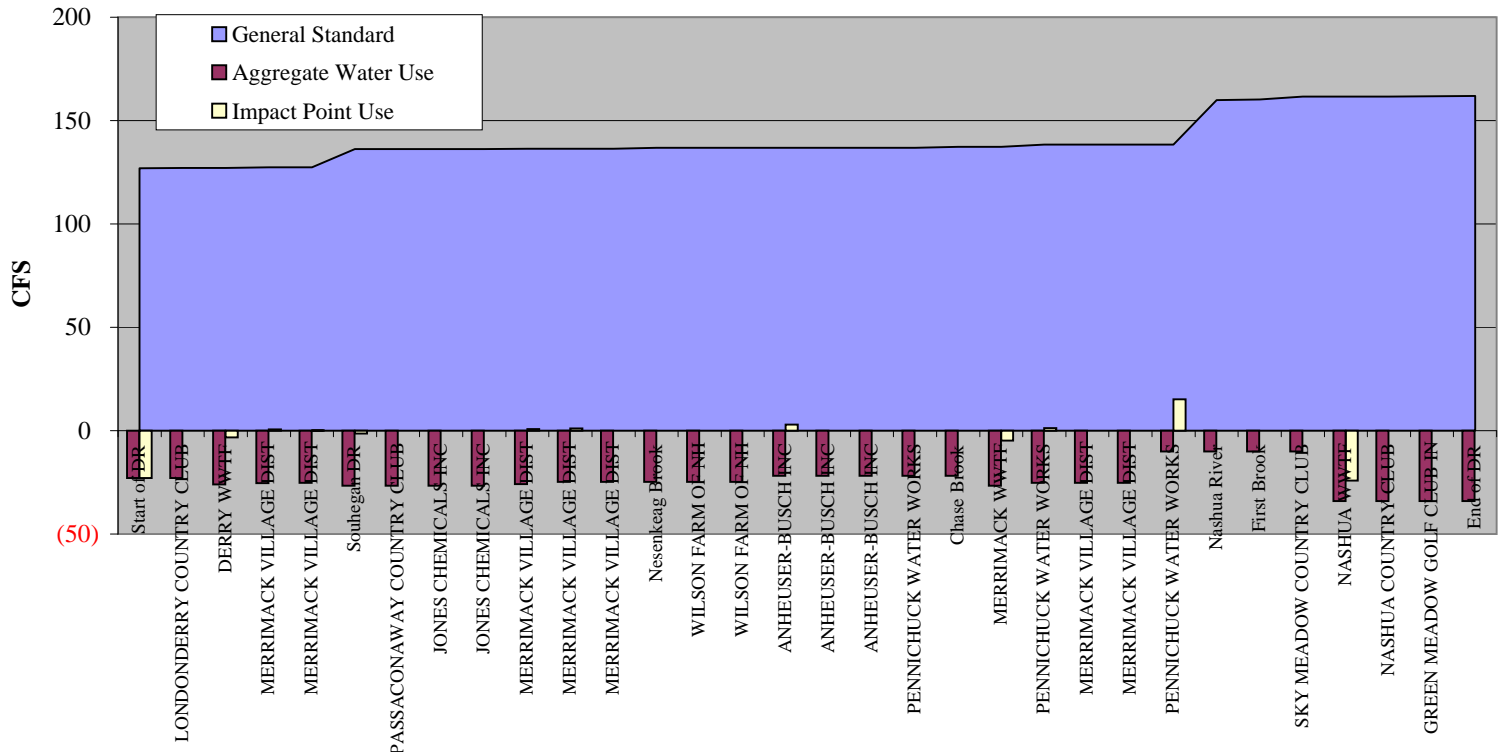
**2006 Lower Merrimack Estimated Monthly Margin of  
the Aggregate Water Use Below the General Standard**

WU_NAME	FACILITY	WUSD_ID	DA on DR (SQ MILE)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Start of DR			3172.7	531	150	133	137	542	546	127	126	67	135	534	142
LONDONDERRY COUNTRY CLUB		20240 20240-S01	3178.2	532	150	133	137	543	547	127	126	67	135	535	142
DERRY WWTF	WASTE WATER TREAT PLANT	20101 20101-D01	3178.4	536	153	135	139	547	550	129	129	69	137	538	145
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S05	3184.6	536	153	135	139	548	551	129	128	69	137	539	145
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S04	3184.6	536	153	134	139	548	551	129	128	69	137	538	144
Souhegan DR	Sum of Souhegan Water Use		3404.3	572	163	144	149	585	589	136	136	72	146	575	154
PASSACONAWAY COUNTRY CLUB	GOLF COURSE	20476 20476-S01	3404.4	572	163	144	148	585	588	136	136	72	146	575	154
JONES CHEMICALS INC	MERRIMACK PLANT	20156 20156-S01	3404.4	572	163	144	148	585	588	136	136	72	146	575	154
JONES CHEMICALS INC	MERRIMACK PLANT	20156 20156-D01	3404.4	572	163	144	148	585	588	136	136	72	146	575	154
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S03	3410.7	573	162	143	147	585	588	136	135	71	145	575	153
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S02	3410.7	571	161	142	146	583	587	134	134	70	144	574	152
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S01	3410.7	571	161	142	146	583	587	134	134	70	144	574	152
Nesenkeag Brook			3420.9	573	162	142	146	585	589	134	134	70	144	576	153
WILSON FARM OF NH	WILSON FARM	20307 20307-S04	3421.9	573	162	142	146	585	589	134	134	70	144	576	153
WILSON FARM OF NH	WILSON FARM	20307 20307-S02	3421.9	573	162	142	146	585	589	134	134	70	144	576	153
ANHEUSER-BUSCH INC	MERRIMACK BREWERY	20308 20308-S01	3422.2	570	159	140	143	582	586	132	132	67	142	573	150
ANHEUSER-BUSCH INC	MERRIMACK BREWERY	20308 20308-D03	3422.2	570	159	140	143	582	586	132	132	67	142	573	150
ANHEUSER-BUSCH INC	MERRIMACK BREWERY	20308 20308-D01	3422.2	570	159	140	143	582	586	132	132	67	142	573	150
PENNICHUCK WATER WORKS	WATER WORKS	20030 20030-S02	3422.5	571	159	138	143	582	586	132	129	64	140	573	150
Chase Brook			3431.8	572	159	139	143	584	587	132	129	64	141	574	151
MERRIMACK WWTF	WASTE WATER TREAT PLANT	20091 20091-D01	3432.7	577	164	143	147	590	593	137	133	68	145	579	155
PENNICHUCK WATER WORKS	BON TERRAIN	20703 20703-S01	3459.7	580	164	143	147	593	596	137	133	67	145	582	155
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S08	3459.7	580	164	143	147	592	595	136	132	67	144	582	155
MERRIMACK VILLAGE DIST	WATER WORKS	20504 20504-S07	3459.7	580	164	143	147	592	595	135	131	66	144	582	155
PENNICHUCK WATER WORKS	WATER WORKS	20030 20030-S01	3459.7	565	148	128	130	571	572	108	108	48	128	566	140
Nashua River			3998.7	651	170	150	152	657	658	130	129	59	150	652	161
First Brook			4004.0	652	170	150	152	658	659	130	129	59	150	653	162
SKY MEADOW COUNTRY CLUB	SKY MEADOW GOLF COURSE	20114 20114-S01	4040.5	657	172	151	153	664	664	131	130	60	151	659	163
NASHUA WWTF	NASHUA POTW	20077 20077-D01	4040.6	681	196	170	172	691	693	151	148	77	167	678	180
NASHUA COUNTRY CLUB	NASHUA COUNTRY CLUB	20684 20684-S01	4041.8	681	196	170	172	691	694	150	148	77	167	678	180
GREEN MEADOW GOLF CLUB IN	GREEN MEADOW GOLF CLUB IN	20227 20227-S01	4045.5	682	196	171	172	692	694	150	147	77	167	679	180
end of DR	NH/ Mass Border		4046.3	682	196	171	172	692	694	150	147	77	167	679	180

## January 2006 Lower Merrimack

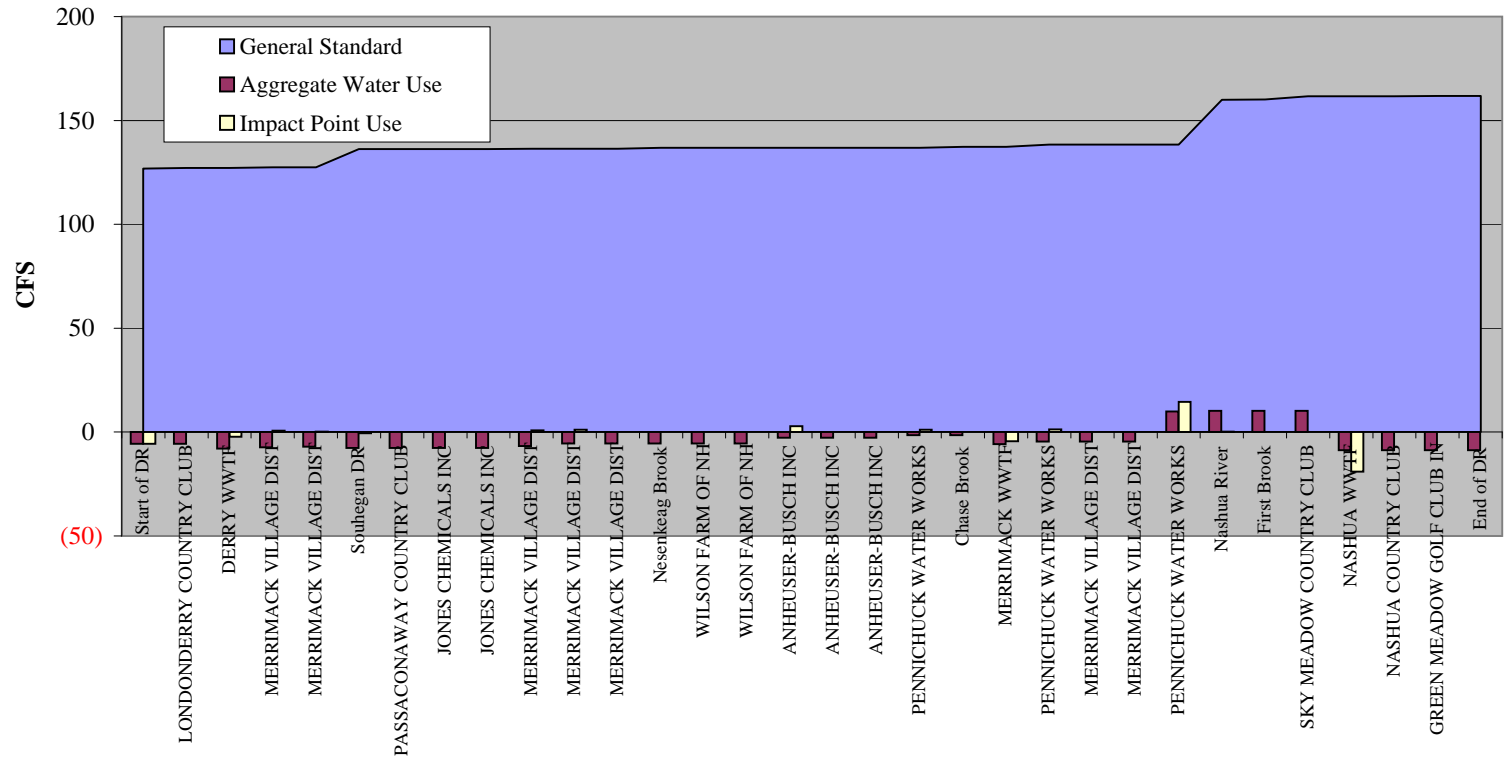


## February 2006 Lower Merrimack

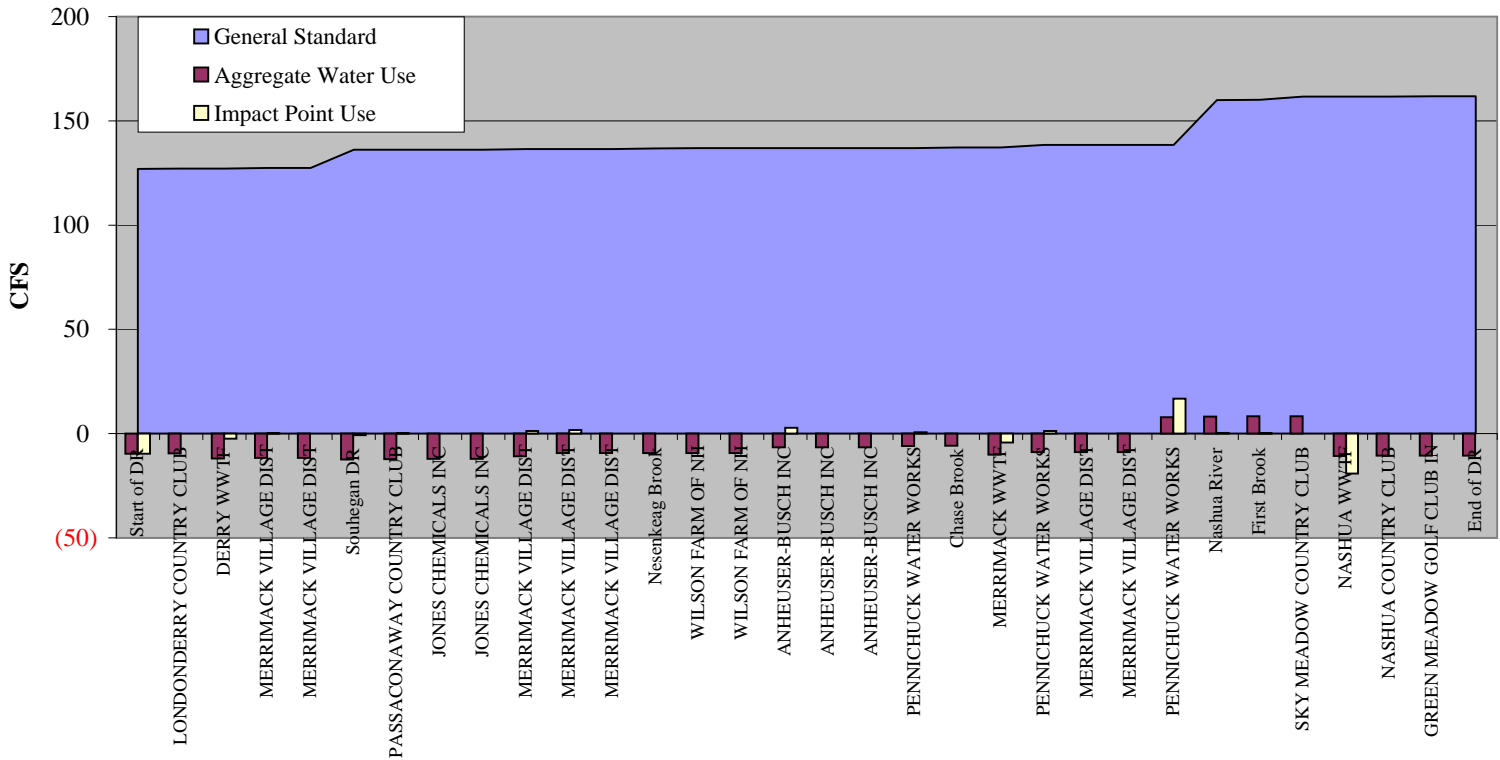


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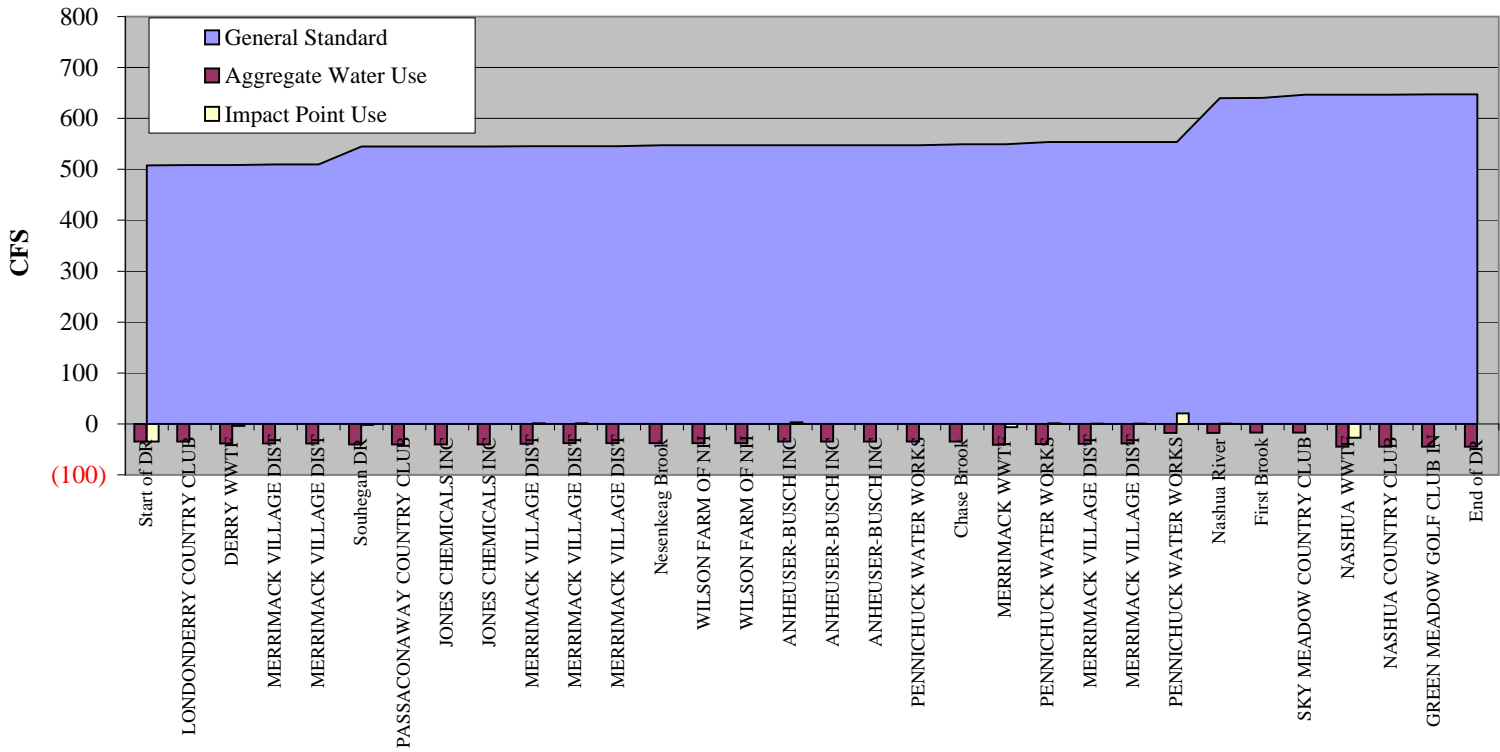


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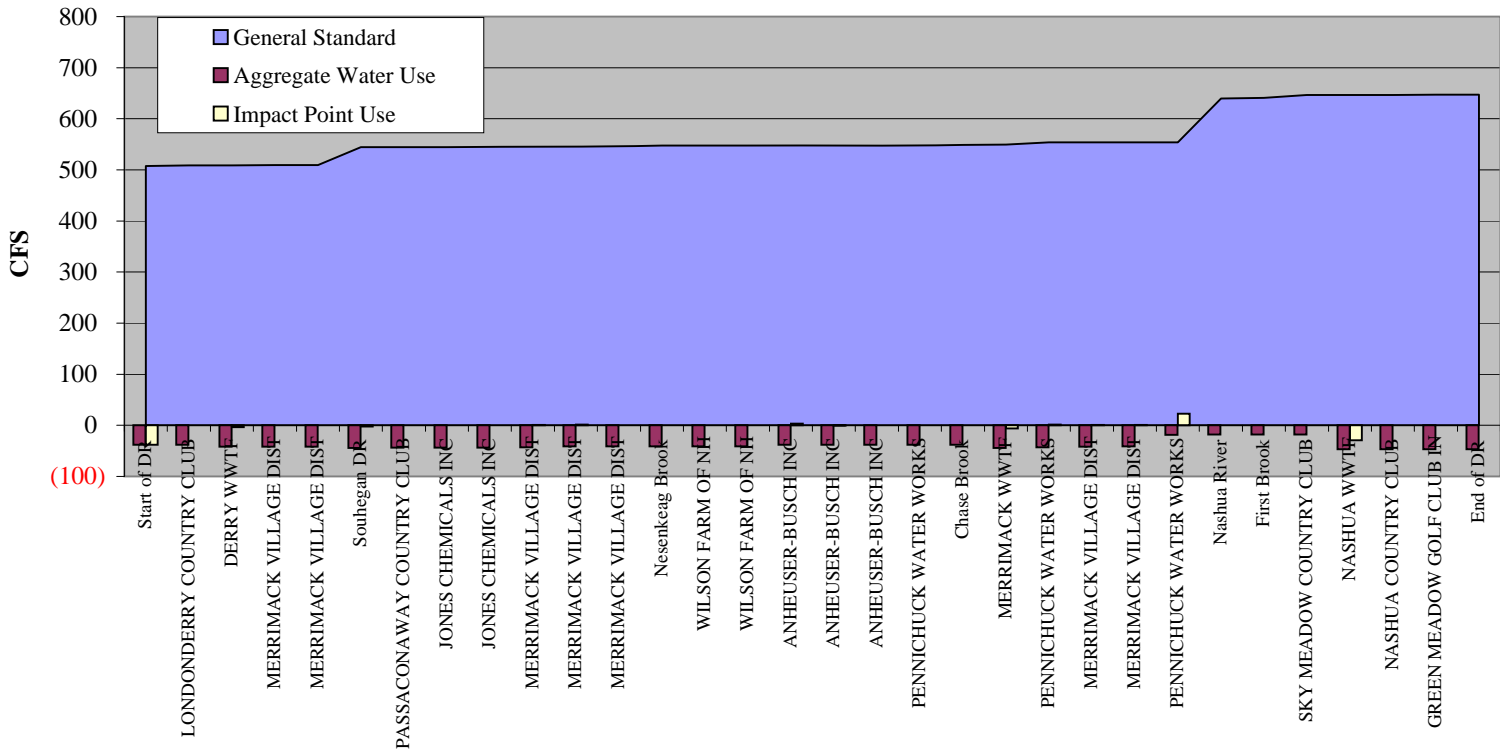


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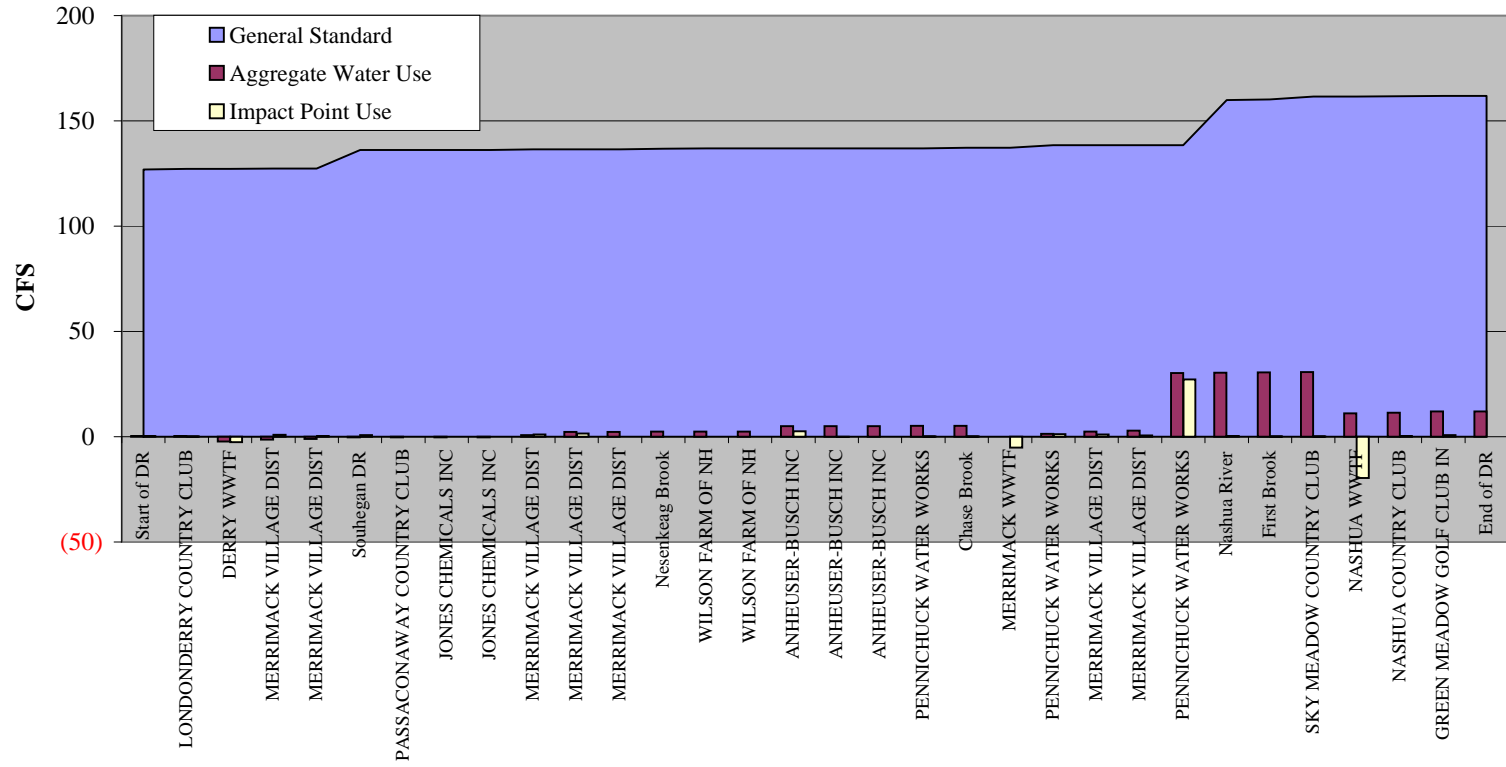
### May 2006 Lower Merrimack



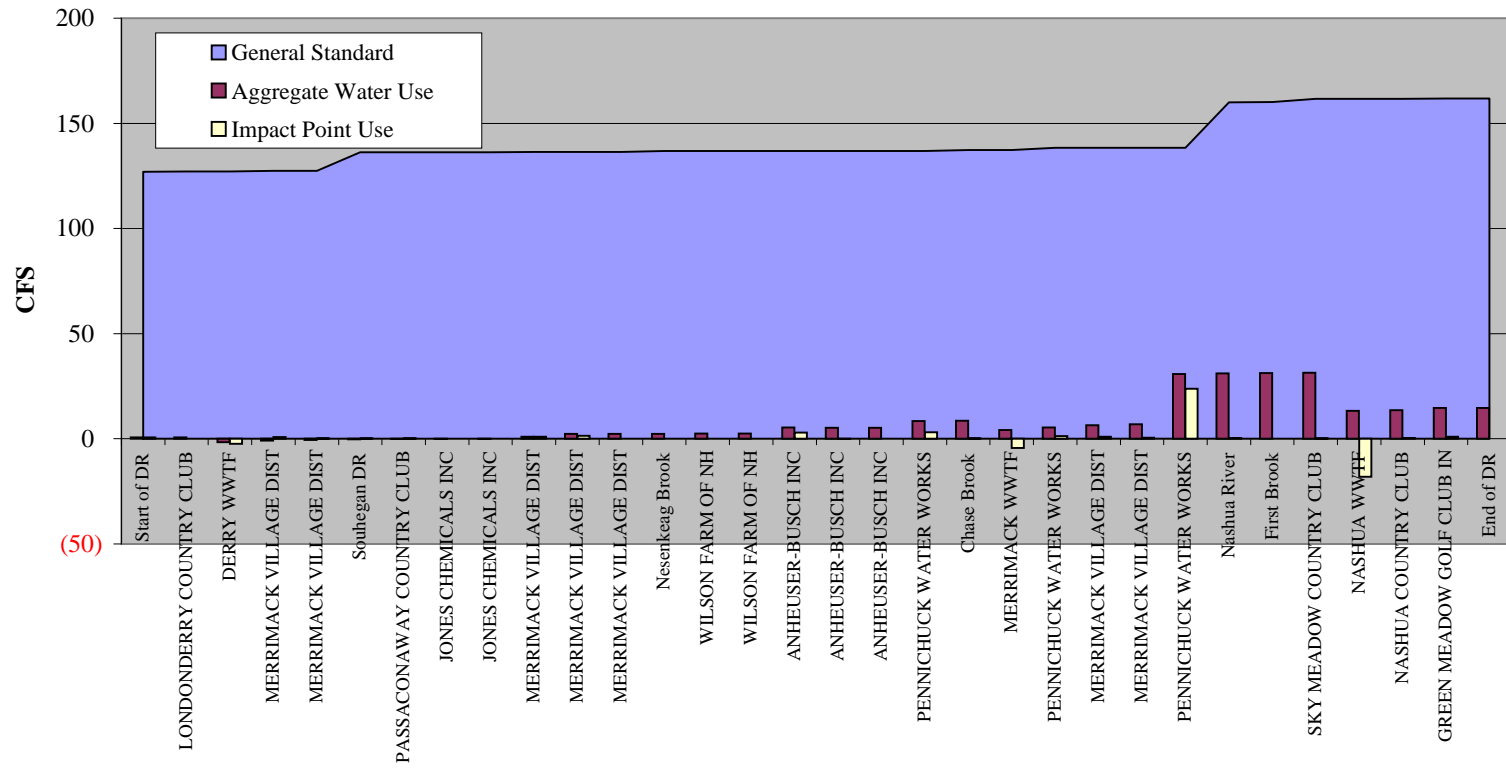
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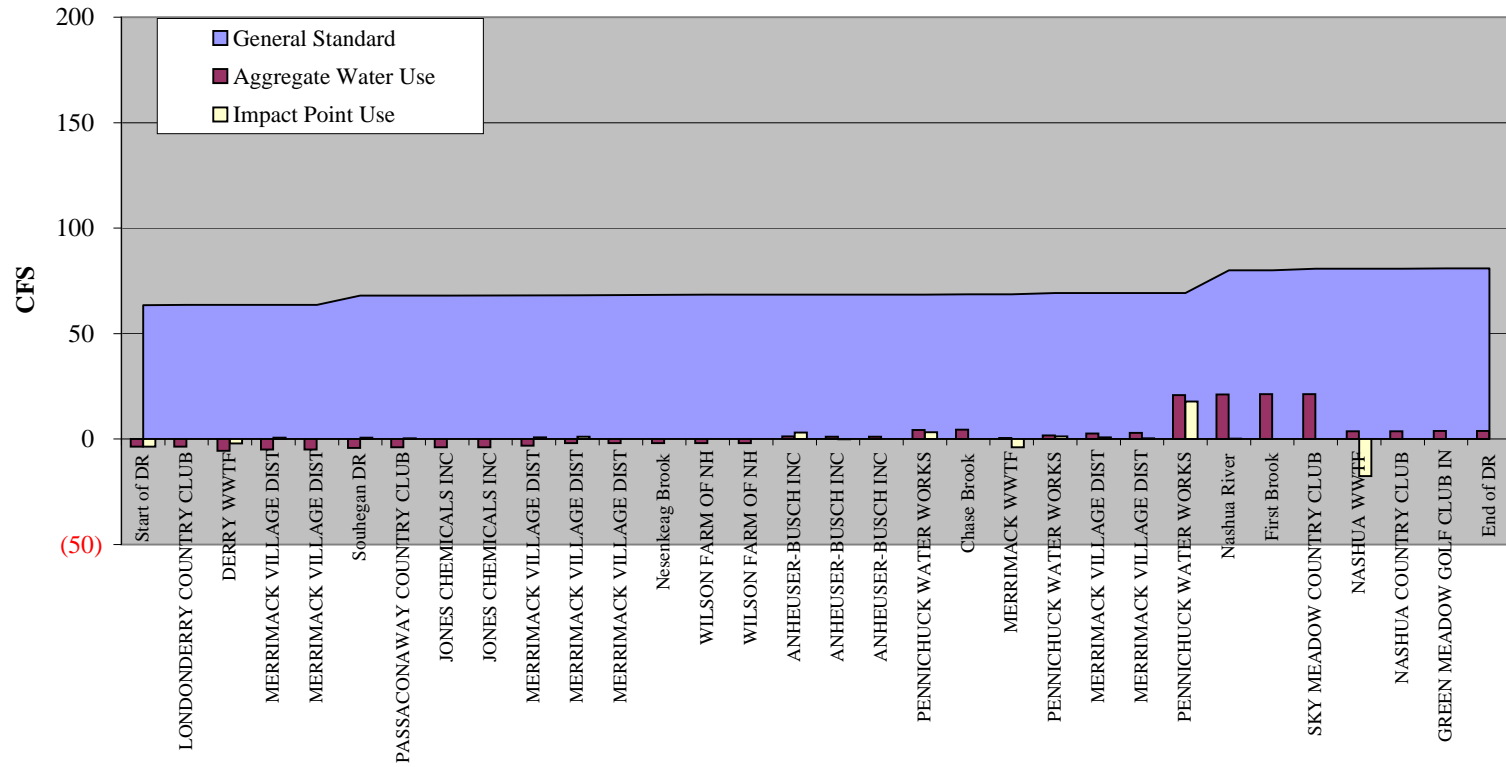
## July 2006 Lower Merrimack



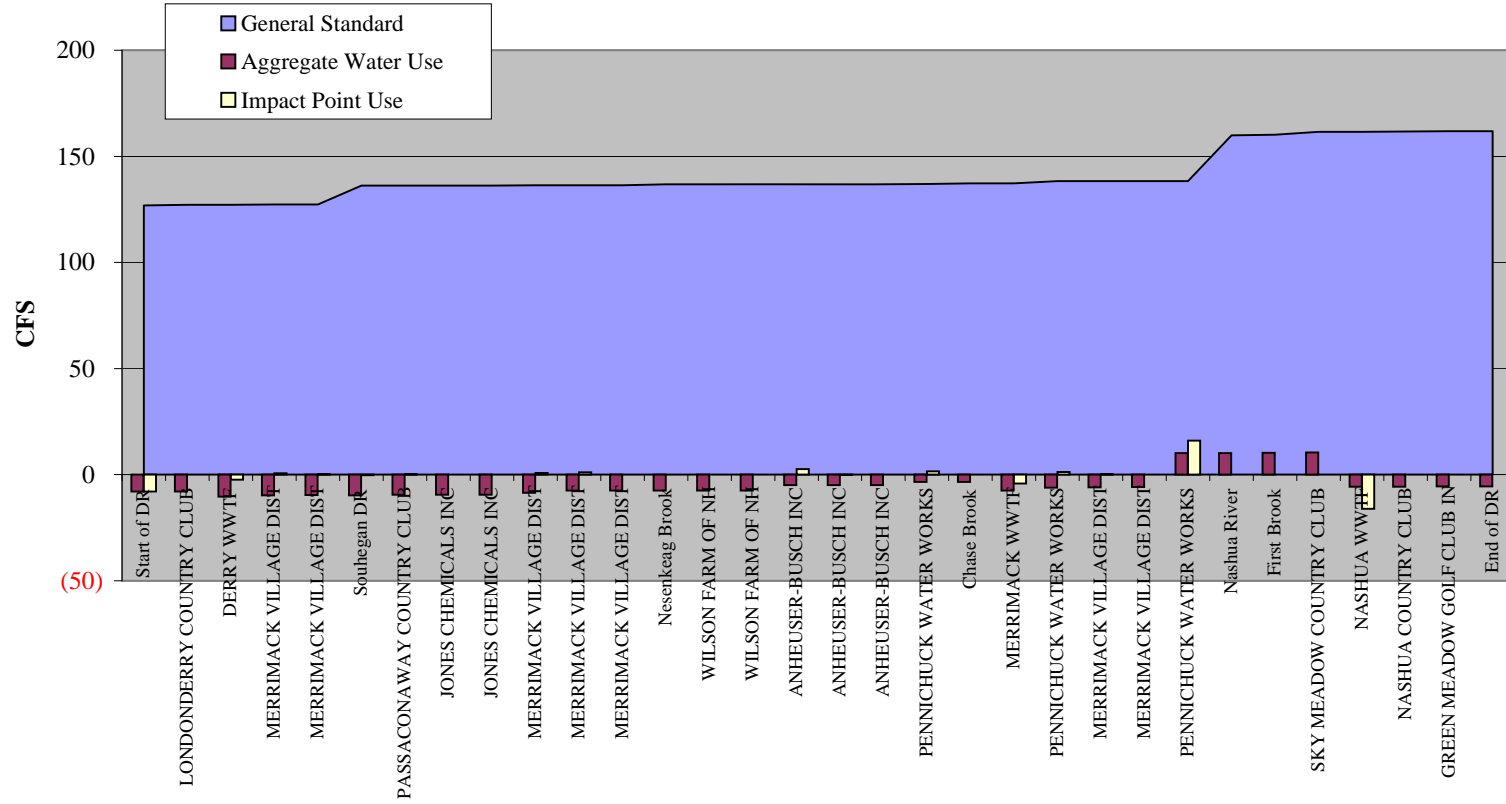
## August 2006 Lower Merrimack



## September 2006 Lower Merrimack

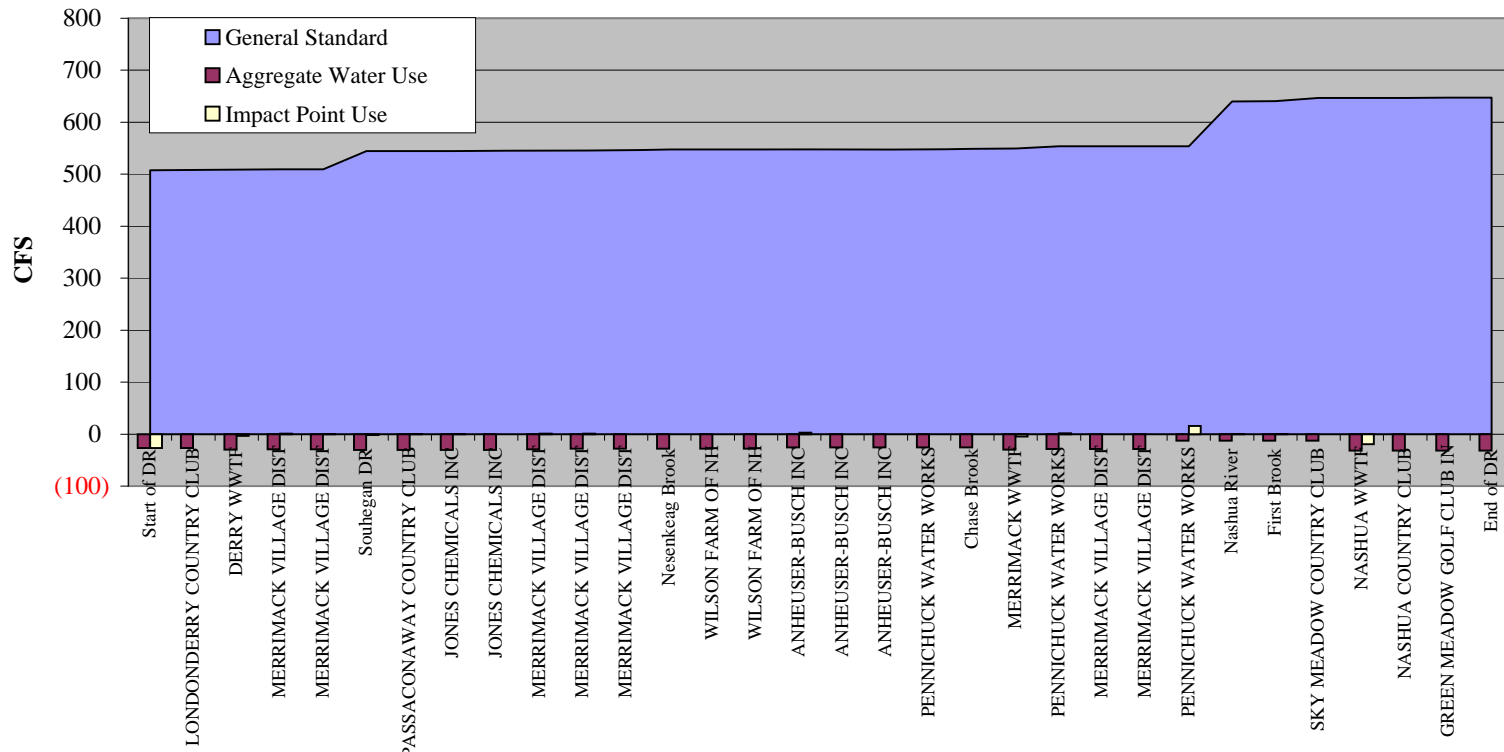


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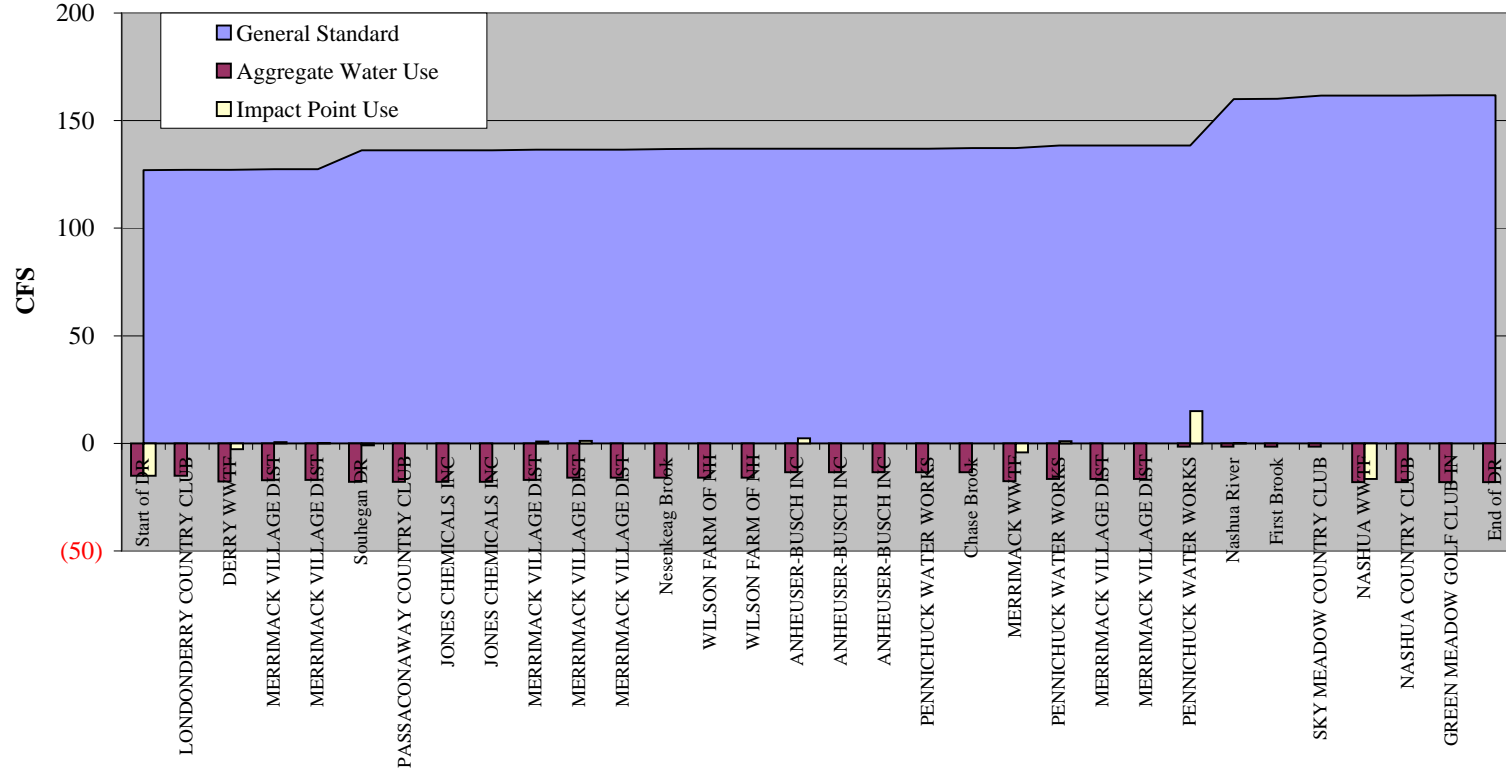


(50)

## November 2006 Lower Merrimack



## December 2006 Lower Merrimack



(50)