

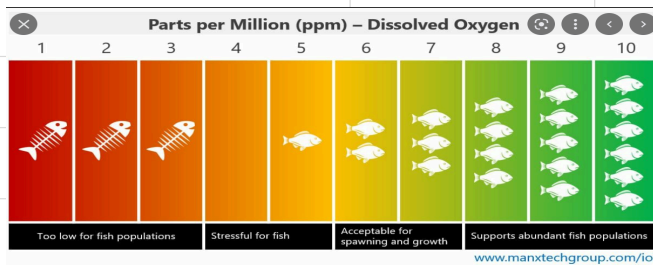
Draft 2024-07-23 Souhegan & Merrimack River Water Monitoring Results

Site ID	Site Description	Site Town	Monitor Name	E-coli MPN/100mL	DO	pH
South Branch Upper Souhegan River Sample Sites						
BWP, #1	Billy Ward Pond 1 (south branch of Souhegan pond dam outflow)	Ashburnham	Dave Ward	-	-	-
BWP, #2	Billy Ward Pond 2 (south branch of Souhegan near origin)	Ashburnham	Dave Ward	-	-	-
SoR 333	River Road above Water Loom Pond	New Ipswich	John Blaine	0	6.83	6.7
SoR 320	Highbridge	New Ipswich	Doug Waitt	36	7.43	7.1
SoR 291	Green Bridge off Rte 31 below Greenville	Greenville	Dixie Blease	57	8.23	7.2
Lower Souhegan Samples Sites						
SoR 155	Souhegan Valley Boys and Girls Club (Mid Milford before Dam)	Milford	Celeste Barr	150	6.71	6.8
SoR 122	Rt 122 Canoeport, Amherst Country Club, (upstream of Beaver Brook)	Amherst	Carol Linder	0	6.31	7.2
Lower Souhegan Samples Sites downstream from Beaver Brook inflow						
SoR 095	Boston Post Road Canoeport, (mid Amherst section, downstream Beaver Brook)	Amherst	Daryl D'Angelo	111	6.42	6.9
SoR 070	Seaverns Bridge (end of Amherst section, downstream Beaver Brook)	Amherst	Eric Doberstein	111	6.44	6.8
SoR 001	Watson Park (exit of Souhegan before Merrimack River)	Merrimack	Eric Doberstein	16	7.07	7.0
BaB 005	Baboosic Brook, Twin Bridges Park, near DW HWY (just before Merrimack)	Merrimack	Eric Doberstein	155	4.58	6.9
Merrimack River Sites, Upstream from Souhegan						
Mer 570	Goffs Falls (downstream of Manchester, downstream of CSO inflows)	Litchfield	Gary Gagne	53	7.02	7.2
Mer 560	Depot Street (near the Upstream border btwn towns Merrimack and Bedford)	Merrimack	Dick Widhu	31	7.41	7.3
Merrimack River Sites, Downstream of Souhegan						
Mer 540	Sklar Waterfront Park, (mid Merrimack urban, downstream Souhegan River)	Merrimack	J & C Hemmingsen	20	7.08	6.9
Mer 530	Greeley Park, Boat Ramp (upstream of Nashua urban)	Nashua	Ellen Kolb	13	8.00	7.3
Mer 510	Sagamore Bridge, Nashua	Nashua	J & C Hemmingsen	19	8.10	7.3
Wasserman Park						
Dock		Merrimack	Merrimack WTL	8	-	-
Beach		Merrimack	Merrimack WTL	6	-	-
Horseshoe Pond						
Mackey Beach		Merrimack	Merrimack WTL	2	-	-
IDA Beach		Merrimack	Merrimack WTL	2	-	-

Water Temp	Precep	Median	Measured at 8:00 AM
7/20/2024	0	74	
7/21/2024	0	75	
7/22/2024	0	76	
7/23/2024	0	76	71



Figure 6. This table illustrates pH values that can be tolerated by different species.



0 < 88	Max Acceptable Level for Swimming (NHDES spec)
<126	Max Acceptable Level for Swimming (Federal EPA spec)
> 126 < 406	Safe for non swimming recreational contact.
> 406	Unsafe for recreational contact (NHDES spec)

Ref (1)

100 ft/3s flow at Wildcat Falls is about the minimum flow needed to float a boat from the Kaley Park launch to Seaverns Bridge pull-out without significant bottom dragging.

Ref (1) [Bacteria in Surface Waters](#)