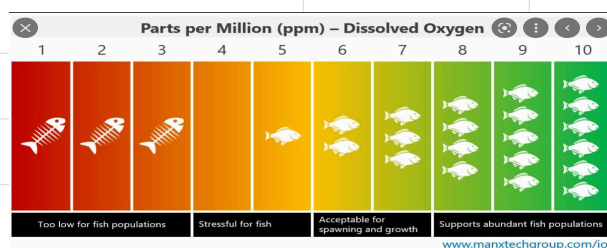


Site ID	Site Description	Site Town	Monitor Name	E-coli MPN/100mL	DO	pH
South Branch Upper Souhegan River Sample Sites						
BWP, #1	Billy Ward Pond 1 (south branch of Souhegan pond dam outflow)	Ashburnham	Dave Ward	1	-	-
BWP, #2	Billy Ward Pond 2 (south branch of Souhegan near origin)	Ashburnham	Dave Ward	33	-	-
SoR 333	River Road above Water Loom Pond	New Ipswich		-	-	-
SoR 320	Highbridge	New Ipswich	Doug Waitt	23	8.50	7.1
SoR 291	Green Bridge off Rte 31 below Greenville	Greenville		-	-	-
Downstream of the Confluence of the South Branch, Stoney Brook, and Pine Valley Dam						
SoR 201	Pine Valley, near the boundry of Wilton and Milford	Wilton	John Nevin	152	6.00	6.5
Lower Souhegan Samples Sites						
SoR 155	Souhegan Valley Boys and Girls Club (Mid Milford before Dam)	Milford	Celeste Barr/Eric	236	7.57	6.7
SoR 122	Rt 122 Canoeport, Amherst Country Club, (upstream of Beaver Brook)	Amherst	Carol Linder	326	8.12	6.8
Ceasar's Brook tributary to Great Meadow						
CeB 820	Ceasar's Brook and Mt Vernon Rd. upsteam of Great Meadow	Amherst	Eric Doberstein	199	7.75	6.6
Beaver Brook, tributary to Souhegan in Amherst						
BeB 775	Beaver Brook and Brook Road crossing, well upstream of Great Meadow	Amherst	Eric Doberstein	122	8.78	6.5
BeB 740	Beaver Brook crossed by Manchester Rd, downstream of Great Meadow	Amherst	Eric Doberstein	435	6.65	6.4
BeB 710	Beaver Brook crossed by Merrimack Road near the end of Beaver Brook	Amherst	Eric Doberstein	248	6.06	6.6
Lower Souhegan Samples Sites downstream from Beaver Brook inflow						
SoR 095	Boston Post Road Canoeport, (mid Amherst section, downstream Beaver Brook)	Amherst		-	-	-
SoR 070	Seaverns Bridge (end of Amherst section, downstream Beaver Brook)	Amherst		-	-	-
SoR 001	Watson Park (exit of Souhegan before Merrimack River)	Merrimack	Eric Doberstein	112	8.64	7.2
Baboosic Brook, Tributary to Souhegan slightly upstream of Souhegan inflow to the Merrimack						
BaB 005	Baboosic Brook, Twin Bridges Park, near DW HWY (just before Merrimack)	Merrimack	Eric Doberstein	(skipped for BeB sites)		
Merrimack River Sites, Upstream from Souhegan						
Mer 570	Goffs Falls (downstream of Manchester, downstream of CSO inflows)	Litchfield	Gary Gagne	36	8.51	6.5
Mer 560	Depot Street (near the Upstream border btwn towns Merrimack and Bedford)	Merrimack	Dick Widhu	49	8.51	6.5
Merrimack River Sites, Downstream of Souhegan						
Mer 540	Sklar Waterfront Park, (mid Merrimack urban, downstream Souhegan River)	Merrimack	J & C Hemmingsen	579	5.96	6.5
Mer 530	Greeley Park, Boat Ramp (upstream of Nashua urban)	Nashua	Ellen Kolb	75	8.30	6.9
Mer 510	Sagamore Bridge, Nashua	Nashua	J & C Hemmingsen	41	8.36	7.0
Wasserman Park						
Dock		Merrimack	Merrimack WTL	5	-	-
Beach		Merrimack	Merrimack WTL	2	-	-
Horseshoe Pond						
Mackey Beach		Merrimack	Merrimack WTL	-	-	-
IDA Beach		Merrimack	Merrimack WTL	-	-	-



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)

100 ft³/s 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.