

Site ID	Site Description	Site Town	Monitor Name	E-coli MPN/100mL	DO	pH
Souhegan River Sites						
BWP, #1	Billy Ward Pond 1 (south branch of Souhegan nearest origin)	Ashburnham	Dave Ward	93	-	-
BWP, #2	Billy Ward Pond 2 (south branch of Souhegan near origin)	Ashburnham	Dave Ward	24	-	-
SoR 210	Downtown Wilton, Mill Dam	Wilton	Nikki Andrews	no data	-	-
SoR 122	Rt 122 Canoeport, (Amherst Country Club)	Amherst	Eric Doberstein	1011	8.64	7.1
SoR 001	Watson Park (wading area near confluence of Souhegan & Merrimack)	Merrimack	John Debellis	2419	-	-
Merrimack River Sites						
Mer 600	Merrimack River at Arms Park (mid Manchester, north of CSO inflow)	Manchester	Gary Gagne	no data	-	-
Mer 570	Goffs Falls (south edge of Manchester, after CSO inflow)	Litchfield	Gary Gagne	no data	-	-
Mer 530	Greeley Park, Boat Ramp (north of Manch)	Nashua	Ellen Kolb	2419	7.13	7.0
Mer 510	Sagamore Bridge (NH-MA boundry)	Hudson	J & C Hemmingse	1299	7.76	7.0

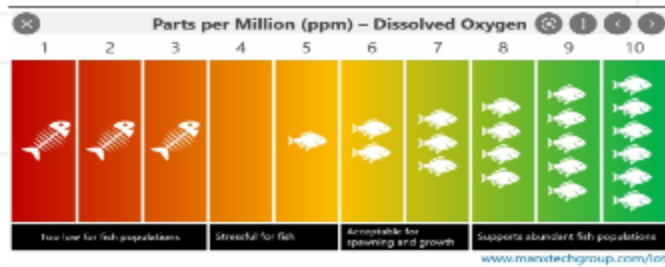


Figure 6. This table illustrates pH values that can be tolerated by different species.

Weather the preceding days before monitoring	June 24	June 25	June 26	Total for month to date	Historic Median for mtd
	72>48 hrs before test	48>24 hrs before test	24>0 hrs before test		
Rainfall	0.00	0.35	1.49		
Average Daily Air Temperature	72	77	72.2		
Ave River Water Temperature	72	71	70.3		

120 ft³/s flow at Wildcat Falls is about the minimum flow needed to float a boat from the Kaley Park launch to Sevens Bridge pull-out without any bottom dragging.

Stream Rates USGS Data, in cft/s 8:00AM (cubic feet per second)	6/27/2023	6/27/2022	Historical Median Flow for this date	8:00 AM USGS water temp F degrees	Median History Range
Upper Soehegan (west Milford near Wilton) WLR-1	1,050	25	52	18.6	~17yrs
Lower Soehegan (east Merrimack, Wildcat Falls)	1,080	62	86	unavail	~88yrs
Merrimack River (Goffs Falls, near Manchester)	8,220	1,640	2,410	unavail	~ 86 yrs

Source Web Sites

River Flows	Souhegan River (Site WLR-1) Near Milford, NH - 01093852	https://www.ncei.noaa.gov/access/past-weather/03031
River Flows	Souhegan River at Merrimack, NH - 01094000	
River Flows	Merrimack R.NR.Goffs Falls, Below Manchester, NH - 01092000	
Weather		
Manch History	https://www.wunderground.com/history/daily/us/nh/amherst/KNHAMHER21/date/2022-8-1	
County History	https://www.weather.gov/nerf/ESSJUL	
Bore Field Rain	https://weatherspark.com/h/d/147289/2023/6/25/Historical-Weather-on-Sunday-June-25-2023-at-Boire-Field-New-Hampshire-United-States#Figures-PrecipitationProbability	
Ave Daily Temp	https://www.almanac.com/weather/history/zipcode/03031	www.epa.gov/caddis-vol2/ph