

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	66	-	-
BWP, #2	Billy Ward Pond 2 (south branch of Souhegan near origin)	Ashburnham	Dave Ward	66	-	-
SoR 210	Downtown Wilton, Mill Dam	Wilton	Nikki Andrews	no data	no data	no data
SoR 122	Rt 122 Canoeport, (Amherst Country Club)	Amherst	Eric Doberstein	810	8.83	7.1
SoR 001	Watson Park (wading area near confluence of Souhegan & Merrimack)	Merrimack	John Debellis	1733	9.10	no data
Merrimack River Sites						
Mer 600	Merrimack River near downstream of Amoskeg Dam	Manchester	Gary Gagne	48	8.24	7.2
Mer 570	Goffs Falls (south edge of Manchester, after CSO inflow)	Litchfield	Gary Gagne	98	8.21	7.3
Mer 530	Greeley Park, Boat Ramp (north of Manch)	Nashua	Ellen Kolb	185	8.17	7.2
Mer 510	Sagamore Bridge (NH-MA boundry)	Hudson	J & C Hemmingsen	111	8.10	7.1

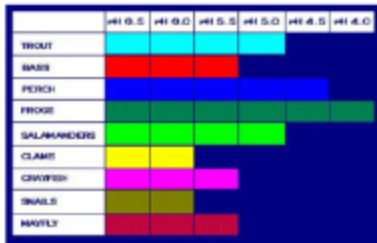
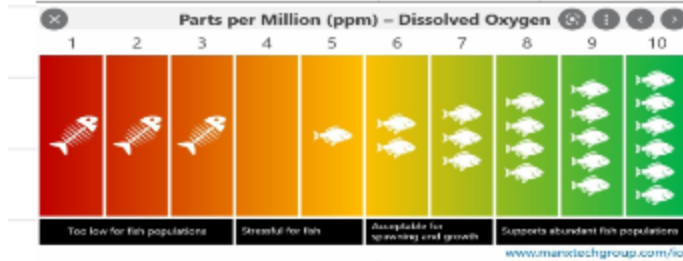


Figure 6. This table illustrates pH values that can be tolerated by different species.



< 88	Max Acceptable Level for Swimming
> 88 < 247	Avoid splashes on face
> 247 < 406	Keep wet hands from mouth.
> 406	Avoid any contact

Weather the preceding days before monitoring	July 8	July 9	July 10	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	0.08	0.40		
Average Daily Air Temperature	74.0	75.5	64.9		
Ave River Water Temperature	70.0	68.5	69.0		

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

Stream Rates USGS Data, in cft/s 8:00AM (cubic feet per second)	7/11/2023	7/11/2022	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	560	11	45	68.4	~17yrs
Lower Soehegan (east Merrimack, Wildcat Falls)	750	33	86	unavail	~88yrs
Merrimack River (Goffs Falls, near Manchester)	21,700	1,024	2,000	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/nerfc/ESSJUL	river level history
Bore Field Rain	https://www.weather.gov/akq/rainfall-monitoring	best rainfall history
Ave Daily Temp	https://www.almanac.com/weather/history/zipcode/03031	www.epa.gov/caddis-vol2/ph