
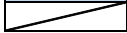


New Hampshire Volunteer River Assessment Program
2020 Suncook River Watershed Data



NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES

	Measurements not meeting New Hampshire surface water quality standards
	Measurements not meeting NHDES quality assurance/quality control standards

^A Specific conductance > 835 $\mu\text{S}/\text{cm}$ indicate exceedance of chronic chloride standard of 230 mg/L

^B Chronic water quality standard

11X-SNK: Suncook River, Barnstead (Route 126 Bridge)

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance ($\mu\text{S}/\text{cm}$)	Water Temp. ($^{\circ}\text{C}$)	Chloride (mg/L)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	<835 $\mu\text{S}/\text{cm}^{\text{A}}$	NA	230 ^B
06/15/2020	12:00			6.74	0.70	77.0	19.3	13
07/16/2020	12:55	5.80	69.4	6.83	0.55	71.4	24.1	12
08/16/2020	13:36	6.66	74.6	6.88		120.6	20.5	24
09/07/2020	13:00	7.82	87.4	6.90	0.63	145.8	20.0	28
10/11/2020	12:45	8.62	86.0	6.39	0.30	64.5	14.1	9

05-SNK: Suncook River, Epsom (Short Falls Road Bridge)

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance ($\mu\text{S}/\text{cm}$)	Water Temp. ($^{\circ}\text{C}$)	Chloride (mg/L)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	<835 $\mu\text{S}/\text{cm}^{\text{A}}$	NA	230 ^B
06/15/2020	13:10			6.64	0.87	120.8	19.6	23
07/16/2020	14:00	5.76	69.6	6.68	1.67	90.0	24.7	17
08/16/2020	14:30	6.16	69.6	6.68		164.7	21.1	35
09/07/2020	14:15	6.22	71.5	6.67	2.00	167.7	21.9	36
10/11/2020	13:30	6.90	68.1	6.57	0.68	202.0	14.7	39

03-SNK: Suncook River, Pembroke (Old Bear Brook Road)

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance ($\mu\text{S}/\text{cm}$)	Water Temp. ($^{\circ}\text{C}$)	Chloride (mg/L)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	<835 $\mu\text{S}/\text{cm}^{\text{A}}$	NA	230 ^B
06/15/2020	14:00			6.51	0.98	118.1	19.1	24

00B-SNK: Suncook River, Barnstead (Memorial Field)

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance (µS/cm)	Water Temp. (°C)	Chloride (mg/L)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	<835 µS/cm ^A	NA	230 ^B
07/16/2020	14:45	5.84	70.9	6.66	1.36	94.5	24.7	17
08/16/2020	15:10	6.58	77.7	6.73		154.8	23.5	31
09/07/2020	15:45	6.85	81.5	8.13	2.34	177.4	23.9	35
10/11/2020	14:30	9.10	97.7	7.65	2.16	173.0	17.8	32



29 Hazen Drive, Concord, New Hampshire 03301 • (603) 271-3503 • www.des.nh.gov