



New Hampshire Volunteer River Assessment Program
2021 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 µS/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 (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
06/16/2021	11:40	6.36	72.0	6.53	0.70	67	21.5	14
07/13/2021	13:30	6.14	71.6	6.45	0.67	69	22.7	19
08/17/2021	12:00	7.28	87.4	6.65	0.45	64	23.9	
09/14/2021	12:00	7.60	86.4	6.66	0.57	63	20.9	13
10/16/2021	12:05	6.91	74.5	6.59	0.80	61	18.7	
11/09/2021	12:00	9.84	87.5	6.68	1.32	61	8.8	

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

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
06/16/2021	12:40	7.79	85.9	6.51	1.09	120	19.7	25
07/13/2021	14:25	6.67	75.3	6.33	1.55	86	20.6	21
08/17/2021	13:10	6.25	73.4	6.42	1.27	106	22.8	28
09/14/2021	12:55	7.24	78.2	6.39	1.08	84	18.9	19
10/16/2021	13:00	6.80	72.1	6.49	1.03	84	17.9	18
11/09/2021	13:10	11.25	94.3	6.32	1.18	88	7.1	18

00B-SNK: Suncook River, Pembroke (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
06/16/2021	13:40	6.12	70.4	6.78	1.12	124	22.5	29
07/16/2021	15:30	6.7	74.2	6.27	2.01	77	20.1	19
08/17/2021	14:50	6.60	79.4	6.63	1.61	112	23.5	29
09/14/2021	14:10	7.22	80.9	6.45	1.07	84	20.3	19
10/16/2021	14:00	6.48	69.3	6.33	1.00	88	17.9	18
11/09/2021	14:55	10.62	90.2	6.29	1.14	88	7.0	18



