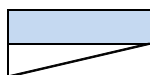


New Hampshire Volunteer River Assessment Program
2019 Lamprey River Watershed Data

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

21-LMP, Lamprey River, Langford Road, Raymond

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance ($\mu\text{S}/\text{cm}$)	Water Temp. ($^{\circ}\text{C}$)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	<835 $\mu\text{S}/\text{cm}^{\text{A}}$	NA
07/27/2019	17:04	6.94	86.2	5.98	1.10	128.9	26.7
08/20/2019	10:15	5.42	66.6	6.25	0.65	163.7	23.7

17-LMP, Lamprey River, Prescott Road Bridge, Raymond

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance ($\mu\text{S}/\text{cm}$)	Water Temp. ($^{\circ}\text{C}$)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	<835 $\mu\text{S}/\text{cm}^{\text{A}}$	NA
07/27/2019	17:58	6.17	72.1	6.14	1.70	166.7	25.5

09-NOR, North River, Freeman Hall Road Bridge, Nottingham

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance ($\mu\text{S}/\text{cm}$)	Water Temp. ($^{\circ}\text{C}$)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	<835 $\mu\text{S}/\text{cm}^{\text{A}}$	NA
06/02/2019	10:05	9.16	91.7	6.59	1.36	161.6	15.5
06/15/2019	09:47	9.43	95.5	6.48	1.72	161.1	16.0
06/28/2019	09:50	8.88	99.2	6.75	2.89	165.4	20.7
07/13/2019	09:15	7.86	88.9	6.50	3.98	168.0	21.5
07/31/2019	09:10	8.68	98.6	6.45	1.43	173.5	22.1
08/09/2019	09:30	7.36	84.9	6.76		171.9	20.9
08/23/2019	09:30	7.96	88.8	6.54	3.19	192.2	20.6

05-NOR, North River, McCrillis Road Bridge, Nottingham

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance (µS/cm)	Water Temp. (°C)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	<835 µS/cm^A	NA
06/02/2019	08:20	7.87	75.6	6.14	1.30	93.0	16.6
06/15/2019	08:20	7.82	80.2	6.24	1.83	89.6	16.6
06/28/2019	08:50	7.64	88.7	6.19	2.16	92.4	21.6
07/13/2019	08:10	6.81	77.1	6.10	2.60	103.1	22.0
07/31/2019	08:06	6.20	73.6	6.13	1.32	95.5	23.9
08/09/2019	07:54	7.63	86.7	6.04		112.9	21.4
08/23/2019	08:15	7.90	89.7	6.23	1.84	109.8	21.7

11-LMP, Lamprey River, Route 152 Bridge/Wadley Falls, Lee

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance (µS/cm)	Water Temp. (°C)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	<835 µS/cm^A	NA
06/10/2019	16:38	4.26	48.9	6.75	1.70		21.4
06/26/2019	15:55	5.51	65.7	6.52	2.52	145.9	21.9
07/10/2019	09:56	6.22	70.4	6.65	2.51	164.9	23.8
08/22/2019	09:15	5.90	66.7	6.60	1.50	152.2	23.0
09/05/2019	09:05	6.16	74.4	6.82	1.40	172.0	18.6
09/26/2019	09:10	5.28	54.8	6.62	1.03	214.0	16.4

05-LTR, Little River, Smoke Street Bridge, Nottingham

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance (µS/cm)	Water Temp. (°C)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	<835 µS/cm^A	NA
06/02/2019	09:05	8.31	84.8	6.07	0.15	95.8	16.3
06/15/2019	09:15	9.16	95.9	5.99	0.70	81.1	16.7
06/28/2019	08:10	7.61	83.8	5.91	0.66	99.6	20.2
07/13/2019	08:45	7.23	80.3	5.88	1.22	118.2	21.1
07/31/2019	08:40	6.97	83.3	6.08	0.34	91.6	24.3
08/09/2019	08:30	8.15	92.6	5.94		102.5	21.2
08/23/2019	08:45	7.65	86.8	6.09	0.45	83.4	21.7

08-LMP, Lamprey River, Wiswall Road Bridge, Durham

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance ($\mu\text{S}/\text{cm}$)	Water Temp. ($^{\circ}\text{C}$)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	<835 $\mu\text{S}/\text{cm}^{\text{A}}$	NA
05/13/2019	08:35	7.47	69.7	6.59	1.40	53.1	13.0
06/10/2019	15:40	4.59	50.9	6.41	2.80		20.9
06/26/2019	14:27	7.00	75.1	6.50	1.69	135.1	23.1
07/10/2019	09:10	4.70	50.5	6.87	1.56	154.2	24.8
08/22/2019	08:01	6.10	73.0	6.70	1.20	157.2	23.3
09/05/2019	08:00	6.86	74.6	6.57	1.20	146.6	19.1
09/26/2019	08:20	7.54	77.1	6.72	0.75	182.4	17.0

05-LMP, Lamprey River, Rte 108 Bridge, Newmarket

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance ($\mu\text{S}/\text{cm}$)	Water Temp. ($^{\circ}\text{C}$)
Standard	NA	>5.0	>75% Daily Average	6.5-8.0	<10 NTU above background	<835 $\mu\text{S}/\text{cm}^{\text{A}}$	NA
05/13/2019	09:20	5.20	51.2	6.37	1.60	117.0	12.9
06/10/2019	16:10	4.81	53.4	6.36	2.12		21.8
06/26/2019	15:10	7.39	76.5	6.59	2.59	1.9	24.2
07/10/2019	10:40	4.95	65.7	6.73	2.31	140.8	26.2
08/22/2019	08:45	6.27	75.0	6.50	1.20	161.0	23.8
09/05/2019	08:40	6.09	74.2	6.79	1.70	149.1	19.8
09/26/2019	08:40	6.51	70.2	6.70	1.50	183.7	17.8

