

New Hampshire Volunteer River Assessment Program

2019 Black Brook 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

01-BKB, Former Maxwell Pond Outlet Downstream of Front Street, Manchester

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
06/05/2019	08:02	9.13	91.1	6.41	1.70	120.6	15.3
07/10/2019	08:03	8.09	91.3	6.62	1.75	140.5	21.3
08/07/2019	07:34	8.10	89.9	6.73	1.24	136.5	20.4

01A-BKB, Former Maxwell Pond Impoundment, Manchester

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
06/05/2019	08:11	8.81	88.0	6.31	1.53	116.3	15.3
07/10/2019	07:44	8.44	95.3	6.61	1.32	139.0	21.3
08/07/2019	07:46	8.10	89.1	6.76	1.00	141.4	20.3

01B-BKB, Former Maxwell Pond Inlet Upstream of Former Impoundment, Manchester

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
06/05/2019	08:25	8.79	87.6	6.42	1.66	115.2	15.2
07/10/2019	07:29	7.88	88.3	6.52	2.31	138.4	21.1
08/07/2019	07:23	7.58	84.6	6.63	1.07	135.6	20.7

