

# New Hampshire Volunteer River Assessment Program

## 2021 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

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

### 01-BKB: Black Brook, Manchester (Former Maxwell Pond Outlet/Downstream of Front Street)

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance ( $\mu\text{S}/\text{cm}$ )	Water Temp. ( $^{\circ}\text{C}$ )
<b>Standard</b>	<b>NA</b>	<b>&gt;5.0</b>	<b>&gt;75% Daily Average</b>	<b>6.5-8.0</b>	<b>&lt;10 NTU above background</b>	<b>835<math>\mu\text{S}/\text{cm}^{\text{A}}</math></b>	<b>NA</b>
06/02/2021	07:53	10.37	101.4	6.41	0.75	140	14.3
07/15/2021	8:47	10.04	111.3	5.89	0.89	99	20.5
08/18/2021	8:03	8.37	96.4	6.58	0.83	285	22.3

### 01A-BKB: Black Brook, Manchester (Former Maxwell Pond Impoundment)

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance ( $\mu\text{S}/\text{cm}$ )	Water Temp. ( $^{\circ}\text{C}$ )
<b>Standard</b>	<b>NA</b>	<b>&gt;5.0</b>	<b>&gt;75% Daily Average</b>	<b>6.5-8.0</b>	<b>&lt;10 NTU above background</b>	<b>835<math>\mu\text{S}/\text{cm}^{\text{A}}</math></b>	<b>NA</b>
06/02/2021	08:00	10.35	100.8	6.17	0.75	138	14.2
07/15/2021	9:07	8.71	97.8	6.03	0.73	107	20.6
08/18/2021	8:08	8.31	95.8	6.38	1.00	283	22.3

### 01B-BKB: Black Brook, Manchester (Former Maxwell Pond Inlet/Upstream of Former Impoundment)

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance ( $\mu\text{S}/\text{cm}$ )	Water Temp. ( $^{\circ}\text{C}$ )
<b>Standard</b>	<b>NA</b>	<b>&gt;5.0</b>	<b>&gt;75% Daily Average</b>	<b>6.5-8.0</b>	<b>&lt;10 NTU above background</b>	<b>835<math>\mu\text{S}/\text{cm}^{\text{A}}</math></b>	<b>NA</b>
06/02/2021	08:15	10.29	100.2	6.20	0.80	137	14.1
07/15/2021	9:31	8.54	94.9	5.75	0.85	52	20.7
08/18/2021	8:18	8.12	93.6	6.23	1.16	284	22.4

