

# New Hampshire Volunteer River Assessment Program

## 2020 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>
06/03/2020	08:23	8.58	92.9	6.97		147.5	18.4
07/21/2020	08:16	7.93	91.0	7.12	1.17	178.6	22.2
08/19/2020	08:20	7.70	81.4	7.01	0.94	311.6	18.0

### 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>
06/03/2020	08:08	8.36	91.2	6.91	1.02	147.2	17.9
07/21/2020	08:29	7.54	86.6	7.03	1.29	170.6	22.2
08/19/2020	08:28	8.41	89.8	6.82	0.82	297.4	18.4

### 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>
06/03/2020	08:39	8.51	90.1	6.90		147.2	17.3
07/21/2020	08:42	7.60	87.2	6.91	1.44	170.7	22.1
08/19/2020	08:45	7.02	73.8	6.93	0.69	276.2	17.7

