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2012 Black brook watershed vrap data

New Hampshire Water Division, Watershed Management Bureau

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2012 BLACK BROOK WATERSHED VRAP DATA

	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

^B Chronic water quality standard

01B-BKB, Former Maxwell Pond Inlet, 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
06/10/2012	9:12	8.15	85.7	6.22	1.50	68.2	17.9
07/15/2012	8:50	7.24	84.9	6.43	1.57	105.1	23.4
08/12/2012	8:35	7.38	86.5	6.32	2.45	91.8	23.2

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
06/10/2012	8:58	8.65	91.6	6.37	1.53	68.4	18.1
07/15/2012	8:38	8.11	95.4	6.64	1.35	105.0	23.4
08/12/2012	8:20	7.45	88.5	6.41	2.53	92.8	23.3

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
06/10/2012	8:40	8.66	91.3	6.51	1.35	68.8	17.8
07/15/2012	8:20	7.95	92.6	6.57	1.28	105.9	23.0
08/12/2012	8:10	7.64	89.5	6.39	2.36	93.1	23.2