2012 GRIDLEY RIVER VRAP DATA

Measurements not meeting New Hampshire surface water quality standards
Measurements not meeting NHDES quality assurance/quality control standards

[A] Specific conductance > 835 µS/cm indicate exceedance of chronic chloride standard of 230 mg/L

05-GRD, Route 123 Bridge, Sharon, Class B

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance (uS/cm)	Water Temp. (°C)	Total Phosphorus (mg/L)
Standard	**NA**	**>5.0**	**>75% Daily Average**	**6.5-8.0**	**<10 NTU above background**	**835µS/cm[A]**	**NA**	**NA**
06/26/2012	12:10	6.69	70.0	4.86	1.50	34.0	17.8	0.0250
08/04/2012	11:30	4.89	57.7		4.30	141.9	23.9	0.0280
10/04/2012	12:45	4.83	46.9	3.99	0.45	54.0	14.1	0.0093

03-GRD, Route 124 Bridge, Sharon, Class B

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance (uS/cm)	Water Temp. (°C)	Total Phosphorus (mg/L)
Standard	**NA**	**>5.0**	**>75% Daily Average**	**6.5-8.0**	**<10 NTU above background**	**835µS/cm[A]**	**NA**	**NA**
06/26/2012	11:25	3.39	39.9	5.03	1.40	67.0	20.8	0.0290
08/04/2012	12:10	5.33	66.6	4.23	0.90	94.8	27.1	0.0210
10/04/2012	12:23	4.82	45.0	4.48	0.55	76.2	14.8	0.0150

02-GRD, Spring Hill Road, Sharon, Class B

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance (uS/cm)	Water Temp. (°C)	Total Phosphorus (mg/L)
Standard	**NA**	**>5.0**	**>75% Daily Average**	**6.5-8.0**	**<10 NTU above background**	**835µS/cm[A]**	**NA**	**NA**
06/26/2012	10:40	7.83	81.0	5.47	1.00	25.0	17.2	0.0240
08/04/2012	10:35	7.23	81.9	4.77	0.85	49.8	21.4	0.0200
10/04/2012	12:00	7.83	77.5	5.04	0.65	71.0	14.2	0.0160

01A-GRD, Boyd Property, Sharon, Class B

Date	Time of Sample	DO (mg/L)	DO (% sat.)	pH	Turbidity (NTUs)	Specific Conductance (uS/cm)	Water Temp. (°C)	Total Phosphorus (mg/L)
Standard	**NA**	**>5.0**	**>75% Daily Average**	**6.5-8.0**	**<10 NTU above background**	**835µS/cm[A]**	**NA**	**NA**
06/26/2012	9:35	8.38	85.7	5.52	0.55	25.0	15.8	0.0230
08/04/2012	9:40	8.22	90.3	5.48	0.40	48.7	19.7	0.0180
10/04/2012	11:25	9.09	88.8	5.32	0.45	68.6	14.0	0.0130