2011 COCHECO RIVER 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 µS/cm indicate exceedance of chronic chloride standard of 230 mg/L
[B] Chronic water quality standard

27-CCH, Cocheco River, Spring Street Bridge, Farmington

Date	Time of Sample	*E. coli* (CTS/100mL)	Total Phosphorus (mg/L)	Chloride (mg/L)
Standard	**NA**	**<406**	**NA**	**<230[B]**
08/08/2011	10:40	20	0.009	12
08/22/2011	10:15	70		
10/03/2011	10:30		0.017	

26-CCH, Cocheco River, Central Street Bridge, Farmington

Date	Time of Sample	*E. coli* (CTS/100mL)	*E.coli* Geometric Mean	Total Phosphorus (mg/L)	Chloride (mg/L)
Standard	**NA**	**<406**	**<126**	**NA**	**<230[B]**
08/02/2011	10:25	40			21
08/08/2011	10:30	120		0.039	
08/22/2011	10:05	220	102		
10/03/2011	10:20			0.017	

23-CCH, Cocheco River, Watson Corner Road Bridge, Farmington

Date	Time of Sample	*E. coli* (CTS/100mL)	*E.coli* Geometric Mean	Total Phosphorus (mg/L)	Chloride (mg/L)
Standard	**NA**	**<406**	**<126**	**NA**	**<230[B]**
08/02/2011	10:20	170			23
08/08/2011	10:20	160		0.013	
08/22/2011	9:55	680	264		
10/03/2011	10:05			0.020	

22U-CCH, Cocheco River, Pike Industries, Farmington

Date	Time of Sample	*E. coli* (CTS/100mL)	*E.coli* Geometric Mean	Total Phosphorus (mg/L)	Chloride (mg/L)
Standard	**NA**	**<406**	**<126**	**NA**	**<230[B]**
08/02/2011	10:05	140	267		26
08/08/2011	10:10	210		0.014	
08/22/2011	9:45	650			
10/03/2011	10:35			0.020	

22-CCH, Cocheco River, Little Falls Bridge, Rochester

Date	Time of Sample	*E. coli* (CTS/100mL)	*E.coli* Geometric Mean	Total Phosphorus (mg/L)	Chloride (mg/L)
Standard	**NA**	**<406**	**<126**	**NA**	**<230[B]**
08/02/2011	9:55	140	169		21
08/08/2011	10:00	80		0.013	
08/22/2011	9:35	430			
10/03/2011	10:45			0.028	

21-CCH, Cocheco River, North Main Street Bridge, Rochester

Date	Time of Sample	*E. coli* (CTS/100mL)	*E.coli* Geometric Mean	Total Phosphorus (mg/L)	Chloride (mg/L)
Standard	**NA**	**<406**	**<126**	**NA**	**<230[B]**
08/02/2011	9:45	30	89		37
08/08/2011	9:45	290		0.017	
08/22/2011	9:15	80			
10/03/2011	11:05			0.028	

19-CCH, Cocheco River, Route 125 Bridge, Rochester

Date	Time of Sample	*E. coli* (CTS/100mL)	*E.coli* Geometric Mean	Total Phosphorus (mg/L)	Chloride (mg/L)
Standard	**NA**	**<406**	**<126**	**NA**	**<230[B]**
08/02/2011	9:30	270	390		40
08/08/2011	11:50	550		0.018	
08/22/2011	9:00	400			
10/05/2011	6:30			0.024	

06-WIL, Willow Brook, Portland Street, Rochester

Date	Time of Sample	*E. coli* (CTS/100mL)	*E.coli* Geometric Mean	Total Phosphorus (mg/L)	Chloride (mg/L)
Standard	**NA**	**<406**	**<126**	**NA**	**<230[B]**
08/23/2011	7:15	90		0.029	
08/31/2011	8:30	170			
09/13/2011	8:35	60	97		41
10/03/2011	11:25			0.026	

05T-WIL, Willow Brook, Prospect Street, Rochester

Date	Time of Sample	*E. coli* (CTS/100mL)	*E.coli* Geometric Mean	Total Phosphorus (mg/L)	Chloride (mg/L)
Standard	**NA**	**<406**	**<126**	**NA**	**<230[B]**
08/23/2011	7:30	550		0.056	
08/31/2011	8:40	230			
09/13/2011	8:25	70	207		50
10/03/2011	11:20			0.026	

05G-WIL, Willow Brook, Winter Street at Adams Ave., Rochester

Date	Time of Sample	*E. coli* (CTS/100mL)	*E.coli* Geometric Mean	Total Phosphorus (mg/L)	Chloride (mg/L)
Standard	**NA**	**<406**	**<126**	**NA**	**<230[B]**
08/23/2011	7:40	1580		0.120	
08/31/2011	8:50	190			
09/13/2011	8:15	2210	872		51
10/03/2011	11:30			0.028	

05-WIL, Willow Brook, Western Ave., Rochester

Date	Time of Sample	*E. coli* (CTS/100mL)	*E.coli* Geometric Mean	Total Phosphorus (mg/L)	Chloride (mg/L)
Standard	**NA**	**<406**	**<126**	**NA**	**<230[B]**
08/23/2011	7:55	980		0.054	
08/31/2011	9:00	190			
09/13/2011	8:00	2330	757		53
10/03/2011	11:50			0.027	

05-WIL-PIPE, Stormwater Pipe on Downstream Side of 05-WOR, Rochester

(Stormwater pipes are not considered surface waters - water quality standards do not generally apply.)

Date	Time of Sample	*E. coli* (CTS/100mL)	*E.coli* Geometric Mean	Total Phosphorus (mg/L)	Chloride (mg/L)
Standard	**NA**	**<406**	**<126**	**NA**	**<230[B]**
08/23/2011	7:50	Too Numerous to Count		0.094	
08/31/2011	9:00	Too Numerous to Count			
09/13/2011	8:05	30			120

04-WIL, Willow Brook, Franklin Street Just North of Main Street, Rochester

Date	Time of Sample	*E. coli* (CTS/100mL)	*E.coli* Geometric Mean	Total Phosphorus (mg/L)	Chloride (mg/L)
Standard	**NA**	**<406**	**<126**	**NA**	**<230[B]**
08/23/2011	8:10	440	456	0.031	
08/31/2011	9:20	300			
09/13/2011	8:05	720			58
10/03/2011	11:55			0.034	

02-WIL, Willow Brook, Lowell Street, Rochester

Date	Time of Sample	*E. coli* (CTS/100mL)	*E.coli* Geometric Mean	Total Phosphorus (mg/L)	Chloride (mg/L)
Standard	**NA**	**<406**	**<126**	**NA**	**<230[B]**
08/23/2011	8:20	660	316	0.042	
08/31/2011	9:30	280			
09/13/2011	7:40	170			90
10/05/2011	9:00			0.038	

01-WIL, Willow Brook, Old Dover Road Bridge, Rochester

Date	Time of Sample	*E. coli* (CTS/100mL)	*E.coli* Geometric Mean	Total Phosphorus (mg/L)	Chloride (mg/L)
Standard	**NA**	**<406**	**<126**	**NA**	**<230[B]**
08/23/2011	8:30	640	396	0.034	
08/31/2011	9:40	360			
09/13/2011	7:30	270			74
10/05/2011	9:15			0.042	

18-CCH, Cocheco River, Maple Street Bridge, Rochester

Date	Time of Sample	*E. coli* (CTS/100mL)	*E.coli* Geometric Mean	Total Phosphorus (mg/L)	Chloride (mg/L)
Standard	**NA**	**<406**	**<126**	**NA**	**<230[B]**
08/02/2011	9:20	170			44
08/08/2011	11:40	160		0.026	
08/22/2011	8:45	270	194		
10/03/2011	12:05			0.036	

12-CCH, Cocheco River, Strafford County Farm, Dover

Date	Time of Sample	*E. coli* (CTS/100mL)	*E.coli* Geometric Mean	Total Phosphorus (mg/L)	Chloride (mg/L)
Standard	**NA**	**<406**	**<126**	**NA**	**<230[B]**
08/02/2011	8:55	30			54
08/08/2011	9:05	40		0.160	
08/22/2011	8:25	60	42		
10/03/2011	12:30			0.058	

11-CCH, Cocheco River, Watson Road Bridge, Dover

Date	Time of Sample	*E. coli* (CTS/100mL)	*E.coli* Geometric Mean	Total Phosphorus (mg/L)	Chloride (mg/L)
Standard	**NA**	**<406**	**<126**	**NA**	**<230[B]**
08/02/2011	9:05	20			65
08/08/2011	8:55	40		0.110	
08/22/2011	8:10	60	36		
10/03/2011	13:00			0.061	

10-CCH, Cocheco River, Whittier Street Bridge, Dover

Date	Time of Sample	*E. coli* (CTS/100mL)	*E.coli* Geometric Mean	Total Phosphorus (mg/L)	Chloride (mg/L)
Standard	**NA**	**<406**	**<126**	**NA**	**<230[B]**
08/02/2011	8:40	50			65
08/08/2011	8:45	80		0.110	
08/22/2011	7:55	230	97		
10/05/2011	10:00			0.063	

07-CCH, Cocheco River, Central Avenue Bridge, Dover

Date	Time of Sample	*E. coli* (CTS/100mL)	*E.coli* Geometric Mean	Total Phosphorus (mg/L)	Chloride (mg/L)
Standard	**NA**	**<406**	**<126**	**NA**	**<230[B]**
08/02/2011	8:30	30	100		63
08/08/2011	8:35	70		0.099	
08/22/2011	7:40	470			
10/05/2011	9:50			0.067	