

Level I Water Quality Monitoring
Weir Farm Historic Park (WEFA)
Ridgefield, CT
10-10/29/98-10/14/99

DATE	SITE	DEPTH(m)	TEMP(C)	%DIS.O2	DIS.O2(m)	SP.COND	SALINITY	pH	TURBIDIT	ALKALINI	COMMENTS
1/27/99	3	0.01	1.33	92.3	12.82	0.2353		7.27	0	26.05	

DATE	SITE	DEPTH(m)	TEMP(C)	%DIS.O2	DIS.O2(mg/L)	SP.COND	SALINITY	pH	TURBIDIT	ALKALINI	COMMENTS
10/29/98	2	0.1	10.91	32.3	3.58	0.3156		5.75	37.6	7.05	
1/27/99	2	0.09	1.72	36.9	4.3	0.2638		5.86	35	16.65	
6/17/99	2	0.04	18.56	122	11.58	0.2467		7.25		28.00	
10/14/99	2	0.25	11.88	71.2	7.63	0.2693	0.13	6.68	27.9	22.45	

DATE	SITE	DEPTH(m)	TEMP(C)	%DIS.O2	DIS.O2(m)	SP.COND	SALINITY	pH	TURBIDIT	ALKALINI	COMMENTS
10/29/98	1	0.25	11.08	45	4.85	0.1169		6.53	0	20.00	
10/29/98	1	0.5	10.95	45	4.95	0.1168		6.53	0		
10/29/98	1	0.75	10.86	43.4	4.83	0.1167		6.49	0		
10/29/98	1	1	10.84	43	4.75	0.1168		6.5	0		
10/29/98	1	1.25	10.83	42.6	4.7	0.1167		6.47	0.3		
10/29/98	1	1.5	10.83	37.2	4.23	0.1168		6.5	20.5		
10/29/98	1	1.75	11.03	3.1	0.33	0.231		6.27	0		
10/29/98	1	0.25	22.05	34.8	3.04	-0.1149	0.05	6.56		16.80	
6/17/99	1	0.5	21.74	32.1	2.82	-0.1147	0.05	6.54			
6/17/99	1	0.75	21.57	26.6	2.31	-0.1151	0.05	6.51			
6/17/99	1	1	21.37	11	1.01	-0.1168	0.05	6.41			
6/17/99	1	1.25	20.85	4.7	0.42	-0.1243	0.05	6.26			
6/17/99	1	1.5	18.93	3.6	0.33	-0.1419	0.06	6.27			
6/17/99	1	1.75	17.35	4.4	0.43	-0.1787	0.08	6.3			
6/17/99	1	1.9	16.85	9.9	1.03	-0.1973	0.09	6.36			
6/17/99	1	0.25	25.33	70.3	5.75	0.129	0.05	7.26	78.5	40.35	
8/19/99	1	0.5	24.86	67.2	5.56	0.1287	0.05	7.28	75.4		
8/19/99	1	0.75	24.62	60.8	5.05	0.1288	0.05	7.27	69.5		
8/19/99	1	1	24.49	57.8	4.8	0.1288	0.05	7.26	74.6		
8/19/99	1	1.25	24.36	54.8	4.57	0.1294	0.05	7.25	76		
8/19/99	1	1.5	23.43	18.2	1.54	0.137	0.06	7.19	86		
8/19/99	1	1.68	22.22	6.7	0.58	0.163	0.07	7.19	0		
10/14/99	1	0.25	13.9	66.5	6.94	0.1076	0.04	6.67	0	13.95	
10/14/99	1	0.5	13.77	62.1	6.45	0.1079	0.04	6.66	0		
10/14/99	1	0.75	13.75	61.6	6.38	0.1073	0.04	6.65	0		
10/14/99	1	1	13.66	55.2	5.79	0.1075	0.04	6.63	0		
10/14/99	1	1.25	13.63	53.9	5.67	0.1075	0.04	6.63	0		
10/14/99	1	1.5	13.62	54.8	5.72	0.1075	0.04	6.62	0		
10/14/99	1	1.8	13.61	51.2	5.38	0.1079	0.04	6.62	0		

SITE	DATE	PO4 (μM)	NO3 (μM)
WEFA-blank	10/14/99	0.098361595	nd
WEFA-1surf	10/14/99	0.811394921	23.007777031
WEFA-1surf	10/14/99	0.893857762	22.23427543
WEFA-1surf	10/14/99	0.616480622	23.55475301
WEFA-1mid	10/14/99	0.660844849	22.9860086
WEFA-1mid	10/14/99	0.847367942	20.76029205
WEFA-1mid	10/14/99	0.479429273	21.50665264
WEFA-1bot	10/14/99	1.481596241	30.42527828
WEFA-1bot	10/14/99	1.199238079	31.64047834
WEFA-1bot	10/14/99	1.725336256	39.8093152
WEFA-blank	8/19/99	0.07472035	3.659865135
WEFA-1surf	8/19/99	0.21084444	24.88277668
WEFA-1surf	8/19/99	0.621493478	28.92664891
WEFA-1surf	8/19/99	0.492	23.1085
WEFA-1mid	8/19/99	0.592135665	25.21426099
WEFA-1mid	8/19/99	0.739113551	29.37193414
WEFA-1mid	8/19/99	0.569183288	22.13163645
WEFA-1bot	8/19/99	0.749	33.607
WEFA-1bot	8/19/99	0.8465	33.8765
WEFA-1bot	8/19/99	0.699442942	30.22542427
WEFA-2	10/14/99		
WEFA-2	10/14/99		
WEFA-2	10/14/99		

WEIR POND

DATE	SITE	DEPTH(m)	TEMP(C)	%DIS.O2	DIS.O2(m)	SP.COND	SALINITY	pH	TURBIDIT	ALKALINI	COMMENTS
10/29/98	1	0.25	11.08	45	4.85	0.1169		6.53	0	20.00	
10/29/98	1	0.5	10.95	45	4.95	0.1168		6.53	0		
10/29/98	1	0.75	10.86	43.4	4.83	0.1167		6.49	0		
10/29/98	1	1	10.84	43	4.75	0.1168		6.5	0		
10/29/98	1	1.25	10.83	42.6	4.7	0.1167		6.47	0.3		
10/29/98	1	1.5	10.83	37.2	4.23	0.1168		6.5	20.5		
10/29/98	1	1.75	11.03	3.1	0.33	0.231		6.27	0		
6/17/99	1	0.25	22.05	34.8	3.04	-0.1149	0.05	6.56		16.80	
6/17/99	1	0.5	21.74	32.1	2.82	-0.1147	0.05	6.54			
6/17/99	1	0.75	21.57	26.6	2.31	-0.1151	0.05	6.51			
6/17/99	1	1	21.37	11	1.01	-0.1168	0.05	6.41			
6/17/99	1	1.25	20.85	4.7	0.42	-0.1243	0.05	6.26			
6/17/99	1	1.5	18.93	3.6	0.33	-0.1419	0.06	6.27			
6/17/99	1	1.75	17.35	4.4	0.43	-0.1787	0.08	6.3			
6/17/99	1	1.9	16.85	9.9	1.03	-0.1973	0.09	6.36			
8/19/99	1	0.25	25.33	70.3	5.75	0.129	0.05	7.26	78.5	40.35	
8/19/99	1	0.5	24.86	67.2	5.56	0.1287	0.05	7.28	75.4		
8/19/99	1	0.75	24.62	60.8	5.05	0.1288	0.05	7.27	69.5		
8/19/99	1	1	24.49	57.8	4.8	0.1288	0.05	7.26	74.6		
8/19/99	1	1.25	24.36	54.8	4.57	0.1294	0.05	7.25	76		
8/19/99	1	1.5	23.43	18.2	1.54	0.137	0.06	7.19	86		
8/19/99	1	1.68	22.22	6.7	0.58	0.163	0.07	7.19	0		
10/14/99	1	0.25	13.9	66.5	6.94	0.1076	0.04	6.67	0	13.95	
10/14/99	1	0.5	13.77	62.1	6.45	0.1079	0.04	6.66	0		
10/14/99	1	0.75	13.75	61.6	6.38	0.1073	0.04	6.65	0		
10/14/99	1	1	13.66	55.2	5.79	0.1075	0.04	6.63	0		
10/14/99	1	1.25	13.63	53.9	5.67	0.1075	0.04	6.63	0		
10/14/99	1	1.5	13.62	54.8	5.72	0.1075	0.04	6.62	0		
10/14/99	1	1.8	13.61	51.2	5.38	0.1079	0.04	6.62	0		

WETLAND

DATE	SITE	DEPTH(m)	TEMP(C)	%DIS.O2	DIS.O2(m)	SP.COND	SALINITY	pH	TURBIDIT	ALKALINI	COMMENTS
10/29/98	2	0.1	10.91	32.3	3.58	0.3156		5.75	37.6	7.05	

1/27/99	2	0.09	1.72	36.9	4.3	0.2638		5.86	35	16.65	
6/17/99	2	0.04	18.56	122	11.58	0.2467	0.12	7.25		28.00	
10/14/99	2	0.25	11.88	71.2	7.63	0.2693	0.13	6.68	27.9	22.45	

STREAM

DATE	SITE	DEPTH(m)	TEMP(C)	%DIS.O2	DIS.O2(m)	SP.COND	SALINITY	pH	TURBIDIT	ALKALINI	COMMENTS
1/27/99	3	0.01	1.33	92.3	12.82	0.2353		7.27	0	26.05	