

1998 Gauge reading and concentrations

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Site: CC1 @ Campbell Creek at CTY HWY 149

Hi up Strm - Zero= 1381.69

Date	Gauge	Gauge Middle	Gauge MPCA	totphos	ortho	suspsol	Comments
1/14/1998			1.50				
1/19/1998			1.50				
1/27/1998			1.50				
2/3/1998			1.50				
2/11/1998			1.50				
2/23/1998	4.68		2.64				
2/25/1998	4.75		2.28	0.033	0.015	8	
2/26/1998	4.62		2.68				
3/2/1998	4.92		2.90				
3/3/1998	5.16		3.10				
3/4/1998	4.62		2.70	0.029	0.01	4.5	
3/5/1998	4.5		2.40				cleaned off grass
3/6/1998	4.3	3.32	2.30				
3/8/1998	4.3	3.3	2.30				
3/9/1998	ice	ice	2.90	0.055	0.026	5	
3/16/1998			2.50				
3/24/1998			1.00	0.057	0.017	5.5	
3/30/1998			1.75				
3/30/1998	3.82	2.86	1.80	0.065	0.042	10	
3/31/1998	3.74	2.76	1.70				
4/1/1998	3.8	2.89	1.84				
4/2/1998	3.98	3	1.90				
4/3/1998	4.1	3.12	2.06				
4/4/1998	3.98	3	1.94				
4/7/1998	3.94	2.96	1.90				
4/8/1998			1.90	0.052	0.018	7	
4/13/1998			1.59	0.055	0.023	6.5	
4/20/1998			0.75	0.05	0.021	7	
4/28/1998			0.59	0.5	0.018	6.5	
5/4/1998			0.30	0.044	0.026	7	
5/10/1998		1.55	0.55	0.041	0.023	6.5	
5/12/1998		1.59	0.59				
5/26/1998		1.38	0.42	0.128	0.05	23	
6/2/1998		1.55	0.57	0.198	0.154	22	
6/4/1998							Removed down stream
6/9/1998		1.36	0.39	0.115	0.066	13	Removed upstream loç
6/10/1998							Removed upstream loç
6/16/1998	1.38		0.40	0.094	0.05	10	
6/23/1998	5.08		2.70	0.065	0.042		
6/24/1998	4.90						Gage tilted cr10 inoper
6/25/1998	4.30	3.34					
6/26/1998	4.18	3.18					
6/27/1998	4.80						Under water with 1.90
6/28/1998	4.58						

6/29/1998	4.38		2.70				
6/30/1998	4.30	3.34		0.073	0.051	15.5	
7/1/1998	4.18	3.18					
7/2/1998	4.00	3.00					
7/3/1998	3.92	2.82					
7/6/1998	3.58	2.58					
7/7/1998	5.60			0.632	0.535		
7/7/1998	4.86						
7/8/1998	4.04	3.02					
7/8/1998	3.98	2.98					
7/9/1998	3.7	2.7					
7/10/1998	3.58	2.58					
7/14/1998		2.75	1.65				
7/15/1998	3.88	2.86	1.74				
7/16/1998	3.54	2.54	1.43				
7/21/1998		2.26		0.065	0.042	10.5	upstrm water under ga
7/22/1998		2.18		0.066		11	upstrm water under ga
7/23/1998		2.20	3.20	0.069	0.034	7.5	
	UPSTRM	DS	MPCA	after 7/23 MPCA gages was moved upstrm			
7/28/1998		1.98	1.46	0.066	0.032		
8/7/1998		1.68	1.17	0.077	0.042	7.5	
8/11/1998		1.54	1.07	0.072	0.04	9	
8/18/1998		1.45	0.98	0.062	0.031	4	
8/25/1998			1.00	0.032	0.059		
9/3/1998			0.94				
9/9/1998			1.40				
9/19/1998			1.35				
9/26/1998			1.85	0.067	0.034	42.5	
10/3/1998			1.75	0.028	0.023	6	
#####			2.10	0.036	0.027	7.5	

sus. sol

cc2

6/3/1998				0.105			
6/18/1998				0.105			
7/7/1998				0.195			
7/29/1998				0.181			
8/3/1998				0.066			
8/19/1998				0.059		1	

cc3

6/3/1998				0.028			
6/18/1998				0.058			
7/7/1998				0.045			
7/29/1998				0.051			
8/3/1998				0.08			
8/19/1998				0.051		1	

cc4

6/18/1998				0.152			
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7/7/1998				0.784	
7/29/1998				0.449	
8/3/1998				0.18	
8/19/1998				0.366	4.5

Site: PR 0 @ Richwood Road Culvert between Mud & Little Floyd

Date	Gauge	totphos	ortho	Suspsol	comments:
1/5/1998		0.033	0.010	2.00	
1/14/1998	1.20	0.029	0.009	4.00	
1/19/1998	1.20	0.033	0.010	2.00	
1/27/1998	1.10	0.029	0.010	3.00	
2/3/1998	1.30	0.028	0.009	2.50	
2/11/1998	1.20	0.024	0.010	2.00	
2/17/1998	1.30	0.016	0.006	3.00	
2/23/1998	1.30				
2/25/1998	1.40	0.018	0.009	3.00	
3/2/1998	1.64				
3/3/1998	1.66				
3/4/1998	1.90	0.021	0.010	2.50	
3/5/1998	1.68				
3/6/1998	1.70				
3/9/1998	1.70	0.05	0.014	5.50	
3/16/1998	1.68	0.057	0.017	5.50	
3/24/1998	1.60	0.054	0.015	6.00	
3/30/1998	1.65	0.031	0.010	5.00	
3/30/1998	1.64	0.031	0.010	5.00	
3/31/1998	1.64				
4/1/1998	1.70				
4/2/1998	1.70				
4/3/1998	1.70				
4/4/1998	1.70				
4/7/1998	1.72				
4/8/1998	1.70	0.047	0.015	1.5	
4/13/1998	1.70	0.049	0.018	3	
4/20/1998	1.55	0.047	0.02	3.5	
4/28/1998	1.49	0.045	0.018	4	
5/4/1998	1.40	0.041	0.018	4	
5/10/1998	1.52				
5/12/1998	1.50	0.041	0.015	4.5	
5/26/1998	1.41	0.064	0.015		
6/2/1998	1.51	0.031	0.007		
6/9/1998	1.39	0.026	0.01		
6/16/1998	1.44	0.029	0.014		
6/23/1998	1.80	0.05	0.026		
6/30/1998	2.01	0.026	0.000		
7/7/1998	2.12	0.033	0.010		
7/14/1998	2.00	0.027			
7/21/1998	1.93	0.029	0		
7/28/1998	1.71	0.032	0.006		
8/7/1998	1.50	0.048	0.018		

8/11/1998	1.42	0.045	0.02	
8/18/1998	1.30	0.043	0.006	
8/25/1998	1.28	0.006	0.032	
9/3/1998	1.24			
9/9/1998	1.10	0.047	0.018	5
9/19/1998	1.15	0.061	0.026	4.5
9/26/1998	1.50	0.045	0.012	0.5
10/3/1998	1.20	0.031	0	2
#####	1.40	0.032	0.004	2.5

Site: PR1 @ Floyd Lake outlet at L. Floyd Rd

Zero at 1352.24

Date	Gauge	tail	totphos	ortho	suspsol	comments:
1/5/1998		17.90	0.031	0.010		
1/14/1998	2.50	17.50	0.028	0.010		
1/19/1998	2.50	17.60	0.029	0.009		
1/27/1998	2.40	17.90	0.026	0.009		
2/3/1998	2.50	17.80	0.026	0.004		
2/11/1998	2.20	18.70	0.024	0.010		
2/17/1998	2.30	17.88	0.016	0.007		
2/25/1998	2.80	18.10	0.016	0.006		
3/4/1998	2.85	18.00	0.02	0.007		
3/9/1998	2.70	19.00	0.037	0.010		
3/16/1998	2.60	18.90	0.041	0.014		
3/24/1998	2.52	18.86	0.044	0.015		
3/30/1998	2.64	19.06	0.058	0.034		
4/8/1998	2.70	19.10	0.041	0.012		
4/13/1998	2.72	19.10	0.042	0.015		
4/14/1998	2.30		0.042	0.015		
4/20/1998	2.51	18.10	0.044	0.017		
4/28/1998	2.40	18.00	0.047	0.016		
5/4/1998	1.40		0.044	0.018		
5/10/1998	2.52	18.40	0.042	0.017		
5/12/1998	2.40	18.00	0.044	0.021		
5/26/1998	2.41	17.92	0.051	0.018		
6/2/1998	2.49	18.26	0.024	0.006		
6/9/1998	2.36	17.88	0.037	0.015		
6/16/1998	2.41	18.05	0.024	0.009		
6/23/1998	2.76	18.91	0.044	0.029		
6/24/1998	2.78	18.88	?	?		
6/30/1998	2.98	19.32	0.023	0.006		
7/7/1998	3.08	19.44	0.02	0.009		
7/14/1998	2.96	19.18	0.024			
7/21/1998	2.88	19.10	0.021	0.000		
7/28/1998	2.68	18.64	0.024	0.004		
8/7/1998	2.46	18.20	0.037	0.015		
8/11/1998	2.36	18.12	0.039	0.014		
8/18/1998	2.28	18.00	0.048	0.006		
8/25/1998	2.30	18.38	0.024	0.000	1.5	
9/3/1998	2.20					

9/9/1998	2.10	17.70	0.036	0.010
9/19/1998	2.05	17.65	0.032	0.014
9/26/1998	2.10	17.85	0.037	0.010
10/3/1998	2.10	17.75	0.032	0.004
#####	2.30	18.00	0.031	0.004

Site: PR 2 @ Anchor Road and PR

Date	Gauge	totphos	suspsol	comments:
2/23/1998	1.98			
3/3/1998	2.02			
3/5/1998	2.00			
3/6/1998	1.98			
3/8/1998	1.94			
3/9/1998	ice			
3/30/1998	2.00			
3/31/1998	1.98			
4/1/1998	1.98			
4/2/1998	2.04			
4/3/1998	2.06			
4/4/1998	2.04			
4/5/1998	2.02			
4/7/1998	2.00			
4/14/1998	1.96			
4/15/1998	2.14			
6/24/1998	2.32			

Site: PR 3 @ Hwy 34 at PR

Date	upstrm	tail	totphos	ortho	suspsol	Comments:
2/23/1998	1.94	15.38				
2/24/1998	2.10					
2/25/1998	2.20					
2/26/1998	2.40					
2/27/1998	2.50					
3/2/1998	2.25					
3/23/1998	1.94	15.23				
3/3/1998	2.18	15.58				
3/4/1998	2.10					
3/5/1998	1.94	15.36				
3/6/1998	1.88	15.32				
3/8/1998	1.70	15.20				
3/9/1998	2.30	15.86				
3/30/1998	2.20	15.58				
5/31/1998	2.18	15.56				
4/1/1998	2.06	15.42				

4/2/1998	2.10	15.50			
4/3/1998	2.27	15.66			
4/4/1998	2.22	15.60			
4/7/1998	2.08	15.48			
5/26/1998	1.38	14.8?			very hard to read need SOS
6/2/1998	2.25	15.58	0.054	0.034	
6/9/1998	1.30	14.80	0.023	0.009	
6/16/1998	1.50	14.94	0.052	0.018	
6/23/1998	2.61	15.94	0.091	0.028	
6/30/1998	3.10	16.42	0.096	0.058	
7/7/1998	3.24	16.68	0.177	0.108	
7/14/1998	3.26	16.60	0.085		
7/21/1998	2.46	15.92	0.134	0.080	
7/28/1998	1.74	15.22	0.116	0.064	
8/7/1998	1.40	14.96	0.074	0.034	
8/11/1998	1.30	14.89	0.064	0.031	
8/18/1998	1.12	14.76	0.086	0.048	
8/25/1998	1.10	14.68			

Site: PR 4 / PR 5 gauge at Corbett; Sample at NSD

Date	Gauge	totphos	ortho	suspsol	comments:
2/17/1998		0.357	0.292	10.00	
2/25/1998		0.162	0.097	10.00	
2/23/1998	1.40				
3/2/1998	1.67				
3/6/1998	1.32				
3/8/1998	1.28				
3/9/1998	ice	0.044	0.017	6.00	
3/16/1998		0.047	0.014	6.00	
3/30/1998	1.64	0.058	0.034	7.00	
3/31/1998	1.58				
4/1/1998	1.50				
4/4/1998	1.64				
4/7/1998	1.50				
4/8/1998		0.036	0.012	2.00	
4/13/1998		0.039	0.017	4.50	
4/15/1998		0.041	0.017	4.00	
4/20/1998		0.041	0.017	4.00	
4/28/1998		0.043	0.016	6.00	
5/4/1998		0.041	0.018	5.50	
5/16/1998		0.044	0.017	5.00	
5/19/1998		0.049	0.018	7.00	
5/26/1998	0.88	0.079	0.043	5.50	
6/2/1998	1.75	0.057	0.034	8.50	
6/9/1998		0.042	0.017	6.50	
6/16/1998	1.10	0.054	0.021	11.00	
6/23/1998	2.06	0.102	0.034	5.00	
6/30/1998	2.52	0.083	0.051	7.50	
7/7/1998	2.96	0.123	0.075	10.50	

7/14/1998	2.90	0.075		6.50
7/21/1998	2.52	0.145	0.094	6.50
7/28/1998	1.82	0.126	0.083	
8/7/1998	1.42	0.067	0.029	5.00
8/11/1998	1.38	0.067	0.028	5.00
8/18/1998	1.22	0.100	0.050	6.00
8/25/1998	1.18			
9/9/1998		0.058	0.020	5.00
9/19/1998		0.051	0.042	12.00
9/26/1998		0.064	0.025	18.50
10/3/1998		0.039	0.017	5.50
#####		0.043	0.020	7.00

Site: PR 4a @ Long Ave.

Date	Gauge	totphos	ortho	suspsol	comments:
1/5/1998	1.50				
1/14/1998	1.50				
1/19/1998	1.50				
1/27/1998	1.50				
2/3/1998	1.50				
2/11/1998	1.50				
2/17/1998	1.50				
2/23/1998	1.40				
2/23/1998	1.98				
2/23/1998	2.28				
2/25/1998	2.28				
2/26/1998	2.51				
2/27/1998	2.55				
2/28/1998	2.50				
3/1/1998	2.42				
3/2/1998	2.38				
3/3/1998	2.41				
3/4/1998	2.40				
3/5/1998	2.18				
3/6/1998	2.15				
3/7/1998	2.10				
3/8/1998	2.08				
3/9/1998	2.00				
3/16/1998	2.00				
3/24/1998	1.89				
3/30/1998	2.40				
3/30/1998	2.38				
3/31/1998	2.36				
4/1/1998	2.26				
4/4/1998	2.46				
4/7/1998	2.28				
4/8/1998	2.20				
4/13/1998	2.10				

4/20/1998	1.95
4/28/1998	1.80
5/4/1998	1.40
5/10/1998	2.50
5/12/1998	1.50
5/26/1998	1.79
6/2/1998	2.49
6/9/1998	1.75
6/16/1998	1.91
6/23/1998	2.64
6/30/1998	2.82
7/7/1998	3.07
7/14/1998	2.90
7/21/1998	2.53
7/28/1998	2.04
8/7/1998	1.72
8/11/1998	1.59
8/18/1998	1.48
8/25/1998	1.42
9/3/1998	1.28
9/9/1998	1.20
9/19/1998	1.05
9/26/1998	1.70
10/3/1998	1.40
#####	1.85

Site: PR 6 Outlet from Detroit Lake

Date	Gauge	totphos	ortho	suspsol	comments:
1/5/1998	4.50	0.000	0.021		
1/14/1998	4.50	0.024	0.004		
1/19/1998	4.45	0.024	0.004		
1/27/1998	4.30	0.024	0.007		
2/3/1998	4.25	0.028	0.007		
2/11/1998	4.40	0.024	0.009		
2/17/1998	4.25	0.021	0.006		
2/23/1998	4.30				
2/25/1998	4.70	0.023	0.001		
3/2/1998	4.56				
3/3/1998	4.56				
3/4/1998	4.65	0.024	0.009		
3/4/1998	4.58				
3/5/1998	4.58				
3/6/1998	4.60				
3/8/1998	4.58				
3/9/1998	4.55	0.033	0.009		
3/9/1998	4.58				
3/16/1998	4.50	0.039	0.010		
3/24/1998	4.46	0.044	0.012		

3/30/1998	4.65		
3/30/1998	4.58	0.042	0.014
3/31/1998	4.58		
4/1/1998	4.64	0.042	0.014
4/2/1998	4.64		
4/3/1998	4.66		
4/4/1998	4.66		
4/7/1998	4.70		
4/8/1998		0.024	0.006
4/15/1998	4.68	0.028	0.009
4/20/1998	4.52	0.031	0.010
4/28/1998	4.49	0.034	0.012
5/4/1998	4.35	0.033	0.012
5/10/1998	4.76	0.034	0.010
5/12/1998	4.60	0.034	0.010
5/20/1998		0.036	0.012
5/29/1998	4.76	0.020	0.006
6/4/1998	4.88	0.018	0.007
6/11/1998	4.88	0.026	0.007
6/18/1998	4.86	0.037	0.017
6/25/1998	4.90	0.036	0.018
7/2/1998	5.15	0.027	
7/9/1998	5.39	0.029	0.009
7/16/1998	5.28	0.024	0.007
7/23/1998	5.12	0.026	0.009
7/30/1998	5.01	0.028	0.012
8/4/1998	4.28	0.018	0.000
8/13/1998	4.60	0.051	0.014
8/20/1998	4.52	0.047	0.017
8/25/1998	4.42	0.091	0.014
9/3/1998	4.30		
9/9/1998	4.10	0.042	0.014
9/19/1998	4.10	0.031	0.003
9/26/1998	4.40	0.036	0.010
10/3/1998	4.10	0.028	0.000
#####	4.40	0.008	0.004

Site: PR7 Muskrat outlet at Dunton Locks

Date	Gauge	totphos	ortho	suspsol	DO	comments:
1/5/1998	4.10	0.006	0.021	3.00		
1/14/1998	4.20	0.023	0.006	2.50		
1/19/1998	4.50	0.028	0.009	2.50		
1/27/1998	4.41	0.026	0.009	3.00		
2/3/1998	4.40	0.024	0.007	2.00		
2/11/1998	4.40	0.026	0.009	3.00		
2/17/1998	4.40	0.029	0.006	2.50	2/14/1999	surface = 6.1
2/23/1998	4.46					1meter 6.9
2/25/1998	4.70	0.028	0.007	4.00		

3/4/1998	4.70	0.026	0.009	4.50
3/6/1998	4.70			
3/8/1998	4.72			
3/9/1998	4.66	0.034	0.015	5.00
3/16/1998	4.64	0.041	0.017	5.00
3/16/1998	4.64			
3/23/1998	4.60	0.044	0.018	4.00
3/30/1998	4.74			
3/30/1998	4.70	0.047	0.02	3.50
3/31/1998	4.70			
4/1/1998	4.74			
4/2/1998	4.74			
4/3/1998	4.74			
4/4/1998	4.77			
4/7/1998	4.80			
4/8/1998	4.80	0.045	0.014	4.00
4/15/1998	4.76	0.044	0.012	5.00
4/20/1998	4.65	0.045	0.014	4.00
4/28/1998	4.62	0.042	0.012	5.00
5/4/1998	4.50	0.039	0.01	6.50
5/10/1998	4.60			
5/12/1998	4.70	0.041	0.012	7.00
5/20/1998		0.047	0.015	5.50
5/29/1998	4.68	0.05	0.018	5.50
6/4/1998	4.75	0.033	0.017	5.00
6/11/1998	4.70	0.031	0.007	5.50
6/18/1998	4.74	0.041	0.017	6.00
6/25/1998	4.82	0.044	0.023	
7/2/1998	5.00	0.054		
7/9/1998	5.14	0.06	0.026	0.00
7/16/1998	5.18	0.069	0.034	
7/23/1998	5.10	0.047	0.018	5.00
7/30/1998	4.98	0.048	0.017	
8/4/1998	4.90	0.043	0.02	5.00
8/13/1998	4.65	0.146	0	5.50
8/20/1998	4.52	0.066	0.025	3.00
8/25/1998	4.40	0.055	0.018	4.00
9/3/1998	4.40			
9/9/1998	1.70	0.056	0.012	4.50
9/19/1998	1.55	0.053	0.028	2.50
9/26/1998	1.80	0.056	0.025	5.00
10/3/1998		0.056	0.006	4.00
#####		0.053	0.007	5.50

Site: PR8 Sallie Outlet at Shoreham

Date	Gauge	totphos	ortho	suspsol	Sallie	Comments
1/5/1998	1.00	0.007	0.026		1.90	

Sallie gauge at Dunton Locks

1/14/1998	1.20	0.028	0.012		1.70
1/19/1998	1.80	0.029	0.007		1.80
1/27/1998	1.80	0.028	0.009		1.80
2/3/1998	1.80	0.029	0.009		1.75
2/11/1998	1.75	0.026	0.014		1.70
2/17/1998	1.70	0.029	0.017		1.75
2/23/1998	1.60				1.72
2/25/1998	1.90	0.031	0.015		1.90
3/4/1998	1.90	0.029	0.010		1.90
3/6/1998	1.78				2.00
3/8/1998	1.80				2.06
3/9/1998	1.80	0.039	0.017		2.06
3/16/1998	1.80	0.044	0.020		2.05
3/24/1998	1.79	0.047	0.020		2.00
3/30/1998	1.90				2.20
3/30/1998	1.84	0.041	0.018		2.08
3/31/1998	1.82				2.08
4/1/1998	1.90				2.16
4/2/1998	1.90				2.16
4/3/1998	1.90				2.17
4/4/1998	1.90				2.16
4/7/1998	1.94				2.20
4/8/1998	1.95	0.033	0.009		2.20
4/15/1998	1.85	0.036	0.010		2.20
4/20/1998	1.80	0.037	0.014		2.10
4/28/1998	1.80	0.039	0.014		2.00
5/4/1998	1.80	0.041	0.012		2.00
5/10/1998	2.00				
5/12/1998	1.80	0.042	0.010		2.00
5/27/1998	1.98	0.044	0.015	6.00	2.20
6/4/1998	1.98	0.037	0.018	4.50	2.24
6/11/1998	2.02	0.024	0.004	6.00	2.25
6/18/1998	2.02	0.039	0.015	5.00	2.32
6/25/1998	2.08	0.044	0.017	6.50	
7/2/1998	2.32	0.037			2.32
7/9/1998	2.51	0.039	0.018	7.50	2.51
7/16/1998	2.56	0.042	0.018		2.56
7/23/1998	2.46	0.048	0.020	6.50	2.82
7/30/1998	2.39	0.047	0.021		2.72
8/4/1998	2.42	0.040	0.018	6.50	2.54
8/13/1998	2.06	0.066	0.000	9.00	2.28
8/20/1998	1.98	0.074	0.014	7.50	2.10
8/25/1998	1.98	0.058	0.021	5.50	2.02
9/3/1998	1.76				
9/9/1998	1.70	0.081	0.009		1.70
9/19/1998	1.65	0.058	0.009		1.55
9/26/1998	1.45	0.067	0.012		1.80
10/3/1998	1.45	0.048	0.006		1.40
#####	1.60	0.042	0.005		1.60

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Date	Gauge	totphos	ortho	suspsol	comments:
5/12/1998	1.52				
5/29/1998	1.64	0.026	0.009		
6/4/1998	1.63	0.018	0.006	4.50	
6/11/1998	1.69	0.024	0.007	4.00	
6/18/1998	1.76	0.034	0.015		4.5
6/25/1998	1.85	0.037	0.017	7.00	
7/2/1998	2.12	0.024			
7/9/1998	2.36	0.023	0.010	3.50	
7/16/1998	2.38	0.028	0.010		
7/23/1998	2.28	0.028	0.009	7.00	
7/30/1998	2.14	0.031	0.014		
8/4/1998	2.04	0.021	0.000	4.50	
8/13/1998	1.89	0.032	0.012	7.50	
8/20/1998	1.80	0.058	0.017	7.00	
8/25/1998	1.70	0.036	0.017	7.00	
9/3/1998	1.51				
9/9/1998	1.30	0.056	0.010		
9/19/1998	1.20	0.047	0.010		
9/26/1998	1.00	0.051	0.009		
10/3/1998	0.95	0.043	0.000		
#####	1.10	0.045	0.000		

Site: Bucks Mills

Date	Gauge	totphos	ortho	suspsol	DO	Comments
7/23/1998	5.46					
7/30/1998	5.40					
8/4/1998	5.38					
8/13/1998	5.30					
8/20/1998	5.28					
9/3/1998	5.16					
9/9/1998	5.05					
9/19/1998	5.00					
9/26/1998	5.00					
10/3/1998	5.00					
#####	5.00					

Site: SC3 @ St. Clair Outlet at Hwy 59, Putt N Pump

Date	Gauge	totphos	ortho	suspsol	DO	Comments
2/23/1998	3.30					
2/25/1998	3.65					
3/2/1998	3.86					
3/3/1998	3.86					
3/4/1998	3.82					
3/5/1998	3.80					
3/6/1998	3.78					
3/8/1998	3.72					
3/9/1998	3.70					

3/30/1998	3.76			
3/31/1998	3.82			
4/1/1998	3.90			
4/2/1998	3.92			
4/3/1998	3.93			
4/4/1998	3.86			
4/7/1998	3.96			
5/29/1998	3.78	0.084	0.036	5.5
6/4/1998	4.15	0.063	0.026	
6/11/1998	4.00	0.052	0.012	
6/18/1998	4.16	0.068	0.018	
6/25/1998	4.25	0.065	0.020	
7/2/1998	4.56	0.049		
7/9/1998	4.70	0.058	0.025	
7/16/1998	4.41	0.13	0.05	
7/23/1998	4.02	0.107	0.045	
7/30/1998	3.99	0.102	0.042	
8/4/1998	3.88	0.132	0.064	
8/13/1998	3.49	0.176	0.02	
8/20/1998	3.42	0.262	0.059	
8/25/1998	2.25	0.194	0.02	
9/3/1998	3.38			
9/9/1998	2.70	0.232	0.018	
9/19/1998	3.10	0.229	0.031	
9/26/1998	2.75	0.23	0.023	
10/3/1998	3.40	0.162	0.025	
#####	3.70	0.192	0.032	

Site: SC3a @ Ditch 14 at Cty Rd. 6 sample downstream

Date	Gauge	DS	totphos	ortho	suspsol	comments:
6/4/1998	1.74	3.160	0.068	0.03		
1/0/1900	1.76		0.021	0.02		
6/18/1998	2.00		0.172	0.07		
6/25/1998	2.11		0.138	0.05		
7/2/1998	2.26		0.111			
7/9/1998	2.25		0.079	0.04		
7/16/1998	2.00		0.107	0.05		
7/23/1998	1.72		0.105	0.04		
7/30/1998	1.78		0.100	0.04		
8/4/1998	1.69		0.119	0.06		
8/13/1998	1.32		0.162	0.02		
8/20/1998	1.01		0.232	0.03		
8/25/1998	1.00		0.211	0.02		

Site: SC4 @ Ditch 14 outlet to PR

Date	Gauge	upstream	totphos	ortho	suspsol	Comments:
1/5/1998	1.50	1.10	0.014	0.034	3.50	
1/14/1998	1.40	1.20				

1/19/1998	1.20	1.00			
1/27/1998	1.40	1.20			
2/3/1998	1.40	1.20			
2/11/1998	1.40	1.20			
2/17/1998	1.00	1.00	0.096	0.069	4.50
2/23/1998	1.06				
2/25/1998	1.10	0.90	0.081	0.034	8.50
3/2/1998	1.28	1.16			
3/2/1998	1.30				
3/3/1998	1.32				
3/4/1998	1.32	1.18	0.065	0.02	5.00
3/5/1998	1.32	1.18			
3/6/1998	1.34	2.20			
3/8/1998	1.32	1.18			
3/9/1998	1.30	1.18	0.067	0.021	6.50
3/16/1998	1.20	1.05	0.068	0.02	4.50
3/24/1998	1.20	1.00	0.07	0.021	5.00
3/30/1998	1.40	1.20	0.065	0.023	7.00
3/30/1998	1.30	1.14			
3/31/1998	1.32	1.16			
4/1/1998	1.38	1.20			
4/2/1998	1.38	1.22			
4/3/1998	1.40	1.29			
4/4/1998	1.40	1.25			
4/7/1998	1.46	1.30			
4/8/1998	1.42	1.30	0.133	0.034	8.50
4/15/1998	1.42	1.25	0.097	0.031	5.50
4/20/1998	1.24	1.10	0.092	0.031	6.00
4/28/1998	1.20	1.05	0.089	0.026	6.50
5/4/1998	1.10	0.90	0.081	0.018	7.50
5/10/1998	1.60	1.48			
5/12/1998	1.40	1.13	0.073	0.017	8.00
5/20/1998	1.17	1.47	0.089	0.023	7.00
5/29/1998		1.46	0.114	0.045	
6/4/1998		1.57	0.049	0.015	
6/11/1998		1.51	0.063	0.025	
6/18/1998		1.25	0.092	0.034	
6/25/1998		1.63	0.089	0.034	
7/2/1998		1.90	0.109		
7/9/1998		1.99	0.149	0.061	
7/16/1998		1.95	0.102	0.045	
7/23/1998		1.86	0.099	0.034	
7/30/1998		1.65	0.085	0.042	
8/4/1998		1.49	0.097	0.034	
8/13/1998		1.25	0.048	0.043	
8/20/1998		1.09	0.208	0.05	
8/25/1998		1.12	0.199	0.036	
9/3/1998		0.96			
9/9/1998		0.85	0.275	0.028	
9/19/1998		0.90	0.189	0.067	7.00
9/26/1998		0.80	0.21	0.053	32.50

gauge at SC4 is nearly on shore d

10/3/1998		0.95	0.145	0.015	27.00	(also a new culverts w
#####		1.10	0.178	0.034	24.50	

Site: SE 1 @ Drainage from Lind Lake at Hwy 59

Date	Gauge	totphos	ortho	suspsol	comments:
5/29/1998	1.10	0.036	0.012		
6/4/1998	1.14	0.044	0.012		Barely running
6/11/1998	1.26	0.036	0.009		
6/18/1998	1.21				
6/25/1998	1.75	0.039	0.017	5.00	
7/2/1998	2.18	0.037			
7/9/1998	2.22	0.044	0.017		
7/16/1998	2.08	0.074	0.036		
7/23/1998	1.98	0.069	0.034		
7/30/1998	1.68	0.064	0.036		
8/4/1998	1.51	0.048	0.025		
8/13/1998	1.60	0.080	0.014		
8/20/1998	1.52	0.061	0.040		
8/27/1998		0.042	0.036		

Site : LL 1 @ Long Lake Outlet Gauge zero = 1342.00

Date	Gauge	totphos	ortho	suspsol	comments:
5/29/1998	4.36	0.013	0.000		
6/11/1998	4.36				
7/2/1998	4.51	0.017			
7/9/1998	4.59	0.013	0.000		
7/23/1998	4.34	0.028	0.010		
7/30/1998	4.36	0.029	0.012		
8/4/1998	4.30	0.020	0.000		
8/13/1998	4.28	0.021	0.006		
8/20/1998	4.22	0.039	0.015		
8/25/1998	4.22	0.018	0.010		

Site: LL inlet

Date	Gauge	totphos	ortho	suspsol	comments:
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Site: SU 1 @ Sucker Creek at South Shore Dr.

Date	Gauge upstream	Gauge downstrm	totphos	ortho	suspsol	comments:
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5/26/1998	1.57	1.17	0.076	0.032
6/2/1998	1.74	1.37	0.039	0.021
6/9/1998	1.61	1.25		
6/16/1998	1.70	1.34		
6/23/1998	1.76	1.38		
6/30/1998	2.06	1.66		
7/7/1998	2.42	1.78	0.060	0.031
7/14/1998	2.06	1.66		
7/21/1998	2.12	1.75		
7/28/1998	2.04	1.66		
8/7/1998	1.60	1.18		
8/11/1998	1.54	-		
8/18/1998	1.52	1.18		
8/25/1998	1.40	0.98		

Site: SU2 @ At Hwy 149

Date	Gauge	totphos	ortho	suspsol	comments:
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Site: Munson Lake @ Access

Date	Gauge	totphos	ortho	suspsol	comments:
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Site: DNR : Pond outlet (no gauge)

Date	Gauge	totphos	ortho	suspsol	comments:
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Site: Rice Lake

Date	Gauge	totphos	ortho	suspsol	comments:
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7/13/1998

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