

1996 Stream data

Jan8, 1997

Site: CC1 @ Campbell Creek at CTY HWY 149

Date	Hi Up Strm gauge	totphos	suspsol	Middle	DS	Comments
Mar14	Ice					
Mar21	Ice					zeros
Mar30	Ice					us
Apr4	Ice					ms
Apr11	5.50	0.517	18.0	4		ds
Apr16	5.34					
Apr18	5.30	0.185	38.0	gauge under water flooded		
Apr19	5.20				2.96	
Apr20	5.20				3.00	
Apr21	5.12				3.29	
Apr22	5.00	0.109	23		3.10	
Apr23	4.96				3.06	
Apr24	4.84				2.90	
Apr25	4.80	0.112	16.5		2.80	
Apr26	4.76			middle gau	2.80	
Apr30	4.42	0.046	15.5			
May1	4.30			3.20	2.40	
May2	4.18			3.10	2.20	
May3	4.10			3.00	2.12	
May6	3.76	0.039	14.5	2.68	1.80	
May9	3.54	0.048	14.5	2.44		
May13		0.031	8.0	2.06	1.20	
May16		0.049	6.0	2.06	1.19	
May20				2.29	2.29	
May23		0.063	16.5	3.16	1.32	
May30		0.039	12.5	2.24	1.18	
June4		0.073	17.5	2.18	1.06	
June11		0.082	21.0	1.98	0.68	
June18		0.134	13.0	1.56	0.58	
June25		0.119	3.00	1.40	0.51	
June25		0.134	3.50	1.41		Storm run off
	25	0.139	5.00			CC1a
	25	0.131	4.50			CC1b
July2		0.171	6.50	1.18	0.30	
July9				1.06	0.18	Not flowing into creek from culvert
July16				1.00	0.10	No flow
July23				1.06	0.20	No flow no sample
July30				1.08	0.19	No Flow no sample
Aug6				1.00	0.10	
Aug13				1.00	0.10	
Aug20				1.00	-	
Aug27				1.07	0.18	
Sept2				1.26		Small flow-sample after 2" rain
Sept5		0.090	5.5	1.05	0.16	
Sept10				1.06	0.16	
Sept24				1.08	0.16	

Oct1				1.10	0.18	
Oct8	4.8					Debris on gauges
		0.075	21.0			o.p.0.031 CC1
		0.062	17.0			o.p..030 CC2
Oct9		0.078	17.0			o.p..027 CC1
		0.068	15.5			o.p..025 CC2
Oct17		0.094	14.5	1.52	0.62	
Oct22		0.090	12.0	1.28	0.38	
Oct29		0.082	13.0	1.20	0.31	
Nov11		0.032	5.5	2.09		
Nov12	3.6	0.027	6.0	2.62	0.69	
Nov20	3.6	0.022	3.5	ice		
Nov27	ice			ice	ice	
Dec 5	ice			ice	ice	
Dec 10	ice			ice	ice	
Dec 26	ice			ice	ice	
Dec31	ice					

Site: DC 1 @ Dovre Ditch at Little Floyd Rd

Date	gauge	totphos	suspsol
May20	5.80		
May28	5.60		

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

Date	gauge up	totphos	suspsol	tail	comments
Jan 6	2.40	0.032	2.3		
Jan14	2.35	0.019	2.0		
Jan20	2.40	0.027	2.0		
Jan27	2.45	0.023	3.7		
Feb3	2.40	0.029	0.7		
Feb8	2.40	0.026	2.7		
Feb15	2.40	0.024	3.0		
Feb 23	2.40	0.036	4.0		
Mar2	2.40	0.031	5.0		
Mar7	2.40	0.031	1.3		
Mar14	2.30	0.027	1.7		
Mar21	2.40	0.026	1.0		
Mar30	2.50	0.027	1.3		
Apr4	2.45	0.027	2.0		
Apr11	2.40	0.034	3.7		
Apr18	2.64	0.102	5.0		
Apr25	2.88	0.032	8.0		

May2	2.84	0.026	8.7	
May9	2.76	0.039	7.3	
May16	2.64	0.039	6.7	
May20	2.86			
May23	2.82	0.025	6.7	
May28	2.72			
May30	2.68	0.020	3.0	
June4	2.59	0.022	3.0	
June11	2.52	0.028	2.0	
June18	2.44	0.034	4.0	
June25	2.33	0.046	4.5	
July2	2.30	0.026	3.5	17.88
July9	2.18	0.033	2.5	17.68
July16	2.18	0.022	2.0	17.64
July23	2.06	0.025	3.5	17.46
July30	2.16	0.024	3.5	17.62
Aug6	2.16	0.027	4.5	17.56
Aug13	2.00	0.038	5.5	17.38
Aug20	2.00	0.035	3.5	17.36
Aug27	1.89			16.98

Site: PR2 @ Anchor Road and PR

Date	gauge	totphos	suspsol	
May20	3.80			
May22	2.28			
May28	2.16			
June19	1.89			
July21	1.35			
Aug28	0.56			
Sept24	1.90			16.97

Site: PR3 @ HWY 34 at PR

Date	upstream	totphos	suspsol	tail	downstrm
Jan6	ice				
Jan14	ice				
Jan20	ice				
Jan27	ice				
Feb3	ice				
Feb8	ice				
Feb15	ice				
Feb23	2.50	0.063	5.0	4.88	
Mar2	Ice				
Mar7	Ice				
Mar14	1.50				14.70
Mar21	2.00				14.65

Mar30	2.00			14.60	
Apr4	1.70	0.073	7.0	14.48	
Apr11	2.75	0.191	12.5	16.20	
Apr13	2.94				2.10
Apr14	2.94				2.08
Apr15	3.10				2.18
Apr16	3.48				2.70
Apr17	3.30				
Apr18	3.26				
Apr18	3.20	0.102	5.0	16.46	
Apr19	3.24			16.60	2.36
Apr20	3.08			16.40	2.20
Apr21	2.94			16.34	2.08
Apr22	2.80	0.061	7.5	16.26	1.90
Apr23	2.70			16.10	1.80
Apr24	2.62			16.08	1.70
Apr25	2.60	0.099	8.0	16.08	1.70
Apr26	2.60			16.06	1.68
Apr29	2.40				
Apr30	2.30	0.033	6.0	15.76	1.38
May1	2.22			15.70	1.30
May2	2.10				
May2	2.10	0.637	6.5	15.56	1.28
May3	2.08			15.50	1.20
May6	1.95			15.52	
May9	1.90	0.034	4.5	15.35	
May13	1.70	0.028	2.5	15.18	
May16	1.85	0.037	4.0	15.30	
May21	2.48				1.70
May23	2.20	0.034	4.0	15.60	
May28	1.80				1.00
May30	1.81	0.039	2.5	15.29	
June4	1.08	0.037	4.0	15.10	
June11	1.50	0.040	5.5	15.04	
June18	1.30	0.073	9.0	14.78	
June25	1.10	0.046	4.5	14.60	
July2	0.89	0.086	5.0	14.48	
July9	0.68	0.068	3.5	14.32	
July11	0.76	0.049	2.5	14.36	
July23	0.74	0.040	2.0	14.38	
July30	1.52	0.038	2.0	15.17	
Aug8	1.46	0.040	1.5	15.08	
Aug13	1.30	0.042	3.0	14.98	
Aug20	0.68	0.050	1.5	14.30	
Aug27	-	0.058	2.0	14.20	

Site: PR4/PR5 guage at Corbett: sample at NSD

Date	gauge	totphos	suspsol	
Jan6	0.80	0.049	1.0	
Jan14	0.54	0.034	4.0	
Jan20	ice			
Jan27	ice			
Feb3	ice			
Feb8	0.90	0.054	7.5	
Feb15	0.60	0.037	4.0	
Feb23	0.99	0.171	6.1	
Mar2	0.95	0.045	3.0	
Mar7	0.82	0.044	3.0	
Mar14	0.82	0.267	35.5	
Mar21	0.80	0.098	7.0	
Mar30	0.98	0.094	6.5	
Apr4	0.80	0.860	12.0	
Apr11	2.05	0.086	12.0	
Apr13	2.35			
Apr14	2.30			
Apr15				
Apr16	2.55			
Apr16				
Apr18	2.54	0.099	6.0	
Apr19	2.50			
Apr20	2.38			
Apr21	2.26			
Apr22	2.16	0.056	6.5	
Apr23	2.08			
Apr24	2.00			
Apr25	2.10	0.090	8.5	
April26	1.96			
Apr30	1.85	0.042	10.5	
May1	1.80			
May2	1.62			
May2	1.60	0.040	5.0	
May3	1.56			
May6	1.46	0.037	6.5	
May9	1.45	0.033	1.5	
May13	1.20	0.033	8.0	
May16	1.40	0.036	5.0	
May21	1.95			
May23	1.70	0.039	6.0	
May28	1.38			
May30	1.30	0.037	4.0	
June4	1.08	0.045	4.5	
June11	1.08	0.048	6.5	
June18	0.90	0.071	6.5	
June25	0.78	0.046	4.5	
July2	0.70			
July3	0.70	0.082	6.0	
July9	0.58			Water is stagnant w/some backwater flow
July16	0.62	0.034	4.0	

July23	0.58	0.040	1.5
July30	1.02	0.058	1.5
Aug6	0.86	0.062	5.5
Aug13	0.76	0.059	6.5
Aug20	0.40	0.062	2.5
Aug27	0.25	0.075	4.0
Sept5	0.28	0.062	5.0
Sept10	0.19	0.032	0.4
Sept17	0.15	0.042	20.5
Sept24	0.18	0.048	15.0
Oct1	0.28	0.042	6.0
Oct22	0.90	0.045	4.5
Oct29	0.76	0.038	5.0
Nov11	0.93	0.035	4.0
Nov12	1.05	0.035	4.0
Nov20	0.88	0.030	5.0
Nov27	0.71	0.040	3.0
Dec 5	0.78	0.030	6.0
Dec 10	0.77	0.032	5.5
Dec 26	ice		
Dec31	ice		

Site: PR4a Long Ave

Date	gauge	totphos	suspsol
Apr13	2.78		
Apr14	2.70		
Apr15			
Apr16	2.82		
Apr18	2.96		
Apr19	2.96		
Apr20	2.80		
Apr21	2.70		
Apr22	2.64		
Apr23	2.56		
Apr24	2.50		
Apr25	2.52		
Apr26	2.48		
Apr30	2.26		
May1	2.20		
May2	2.18		
May3	2.14		
May6	2.06		
May9			
May13	1.88		
May21	2.36		
May28	1.88		
June4	1.70		
June11	1.64		

June18	1.38
June25	1.20
July2	0.88
July9	0.85
July16	0.84
July23	0.80
July30	1.22
Aug6	1.09
Aug13	1.00
Aug20	0.70
Aug27	0.62
Sept5	0.70
Sept10	0.65
Sept17	0.61
Sept24	0.67
Oct1	0.28
Oct8	1.44
Oct22	1.65
Oct29	1.92
Nov5	1.81
Nov12	1.93
Nov20	2.05
Nov27	2.10
Dec 5	1.98
Dec 10	2.00
Dec 26	ice
Dec31	ice

Site: PR6 Outlet from Detroit Lake

Date	gauge	totphos	suspsol
Jan6	ice		
Jan14	5.50	0.011	5.5
Jan20	ice		
Jan27	4.75	0.013	3.3
Feb3	ice		
Feb8	4.50	0.023	1.3
Feb15	ice		
Feb23	4.30	0.026	4.7
Mar2	Ice		
Mar7	4.45	0.021	2.7
Mar14	4.30	0.034	1.0
Mar21	4.35	0.039	3.0
Mar30	4.36	0.042	2.3
Apr4	4.34	0.024	3.3
Apr11	4.48	0.031	3.3
Apr16	4.66		
Apr18	4.75	0.032	2.0
Apr19	4.80		
Apr20	4.82		
Apr21	4.86		

Apr22	4.88	0.024	6.3	
Apr23	4.90			
Apr24	4.90			
Apr25	4.90			
Apr25	4.88	0.034	5.0	
Apr26	4.90			
Apr30	4.90	0.016	4.0	
May1	4.90			
May2	4.91			
May2	4.90	0.017	2.3	
May3	4.90			
May6	4.92			ice-off
May9	4.90	0.022	2.0	
May13	4.82	0.020	2.9	
May16	4.80	0.023	3.7	
May20	5.08			rain on May 17
May23	5.08	0.026	5.7	
May28	4.80			
May29	4.96			
May30	4.94	0.023	3.0	
June6	4.88	0.034	2.0	
June13	4.86	0.034	3.5	
June20	4.70	0.003	2.0	
June26	4.60	0.011	1.0	
July3	4.48	0.014	2.0	
July11	4.33	0.033	5.5	
July18	4.28	0.029	2.5	
July25	4.20	0.032	2.0	
July30	4.26	0.027	1.0	
Aug8	4.26	0.026	2.5	
Aug14	4.18	0.010	2.0	
Aug22	4.13	0.014	6.5	
Aug29	4.06	0.022	7.0	
Sept5	4.21	0.034	6.0	
Sept10	4.16	0.019	2.7	
Sept17	4.04	0.027	2.3	
Sept24	4.01	0.030	2.0	
Oct1	4.20	0.029	3.0	
Oct8	4.16	0.032	2.0	
Oct22	4.28	0.035	3.0	
Oct29	4.36	0.030	4.7	
Nov5	4.46	0.021	3.3	
Nov12	4.48	0.030	2.7	
Nov20	4.42	0.027	6.0	
Nov27	4.50	0.019	4.0	
Dec 5	4.42	0.022	2.0	
Dec 10	4.44	0.024	3.0	
Dec 26	4.52	0.018	3.0	
Dec31	4.48	0.001		

Site: PR7 Muskrat outlet at Dunton Locks

Date	muskrat gauge	totphos	suspsol	Ortho	comment
Jan6	ice				
Jan14	4.55	0.016	2.5		
Jan20	ice				
Jan27	4.50	0.029	3.0		
Feb3	ice				
Feb8	4.45	0.049	2.0		
Feb15	4.60	0.049	3.0		
Feb23	4.45	0.060	5.0		check these readings
Mar2	Ice				
Mar7	Ice				
Mar14	4.45	0.102	1.0		
Mar21	4.50	0.073	6.0		
Mar30	4.54	0.067	6.5		
Apr4	4.52	0.058	2.0		
Apr11	4.64	0.166	4.0		
Apr11	4.65				
Apr16	4.78				
Apr18	4.86	0.078	2.5		
Apr19	4.90				
Apr20	4.94				
Apr21	4.96				
Apr22	4.98	0.069	6.5		
Apr23	5.00				
Apr24	5.04				windy and rough
Apr25	5.04				
Apr25	5.00	0.077	6.0		
Apr26	5.02				
Apr30	5.00	0.028	4.5		
May1	5.00				
May2	5.00				
May2	5.02	0.036	5.0		
May3	5.00				
May6	5.00	0.037	3.0		
May9	5.00	0.045	4.5		
May13	4.94	0.034	4.0		
May16	5.94	0.042	4.5		
May20	5.10				
May21	5.11				
May28	5.10				
May23	5.15	0.026	5.7		
May29	5.06				
May30	5.04	0.051	4.0		
June6	4.96	0.043	2.0	0.013	
June13	4.84	0.057	3.5	0.033	
June20	4.74	0.037	2.0		very windy
June27	4.65	0.045	3.5	0.033	
July3	4.58	0.036	3.5	0.031	
July11	4.48	0.062	8.0	0.010	
July18	4.42	0.060	1.5	0.010	

July25	4.36	0.050	3.0	0.013
July30	4.40	0.045	3.5	0.002
Aug8	4.40	0.038	4.5	0.021
Aug14	4.30	0.027	3.5	0.013
Aug22	4.32	0.029	4.5	0.012
Aug29	4.22	0.037	3.0	0.013
Sept5	4.37	0.042	5.5	0.018
Sept10	4.33	0.035	5.0	0.015
Sept17	4.28	0.051	2.0	0.025
Sept24	4.20	0.058	3.5	0.018
Oct1	4.40	0.064	5.5	0.025
Oct8	4.32	0.043	0.5	
Oct22	4.44	0.038	2.0	
Oct29	4.55	0.037	2.0	0.013
Nov5	4.62	0.029	2.5	
Nov12	4.61	0.034	3.0	0.000
Nov20	4.62	0.027	4.5	0.000
Nov27	4.84	0.021	3.0	0.002
Dec 5	4.80	0.022	3.5	0
Dec 10	4.61	0.026	4.5	0.006
Dec 26	4.72	0.031	3.5	0.016
Dec31	4.70	0.003		0.002

Site: PR8 Sallie outlet at Shoreham

Sallie Gauge at Dunton Locks

Date	gauge	totphos	suspsol	
Jan6	1.48	0.040	0.3	
Jan14	1.35	0.027	0.3	2.15
Jan20	2.30	0.024	1.0	
Jan27	1.70	0.027	2.0	2.20
Feb3	1.90	0.036	1.0	
Feb8	1.48	0.039	2.3	2.10
Feb14	1.44	0.031	4.0	1.80
Feb23	1.40	0.036	3.3	1.60
Mar2	1.56	0.036	2.7	
Mar7	1.45	0.340	2.7	
Mar14	1.40	0.037	0.7	1.58
Mar21	1.40	0.032	3.7	1.60
Mar30	1.45	0.029	3.3	1.60
Apr4	1.40	0.034	1.3	1.70
Apr11	1.48	0.042	4.0	1.70
Apr17	1.56			1.88
Apr18	1.60	0.039	2.0	
Apr19				1.96
Apr20				1.96
Apr21				2.00
Apr22				2.02
Apr23				2.04
Apr24				2.06
Apr25	1.65	0.042	9.0	2.10
Apr29	1.70			

Apr30	1.70			2.12	
May1	1.70			2.14	
May2	1.69			2.15	
May2	1.70	0.037	5.0	2.15	
May3	1.70			2.14	
May6				2.10	
May9	1.75	0.080	17.0	2.08	
May13				2.10	
May16	1.70	0.082	8.0	2.08	
May20	1.90				
May23	1.88	0.034	8.5	2.30	
May28	1.80				
May30	1.78	0.033	3.0	2.10	
June6	1.68	0.039	1.5		
June13	1.60	0.028	3.0	1.96	
June20	1.54	0.003	0.7	1.80	
June 27	1.48	0.014	3.5	1.70	
July3	1.50	0.017	4.5	1.62	
July11	1.40	0.046	5.5	1.50	
July18	1.40	0.043	5.5	1.50	
July25	0.98	0.040	6.5	1.30	
July30	1.26	0.053	8.5	1.45	
Aug8	1.16	0.046	9.0	1.30	0.03
Aug14	1.18	0.030	6.0	1.20	
Aug22	1.11	0.054	6.5	1.16	
Aug29	0.98	0.058	5.0	1.06	
Sept5	1.15	0.067	4.0	1.21	
Sept10	1.15	0.048	2.3	1.17	
Sept17	1.04	0.061	3.3	1.05	
Sept24	0.90	0.054	3.0	1.05	Man bathing in PR
Oct1	1.06	0.058	2.3	1.18	
Oct8	1.10	0.030	0.7	1.18	
Oct22	0.86			1.4	
Oct29	1.35	0.040	5.0	1.7	
Nov5	1.00	0.035	1.7	2.08	
Nov12	0.97	0.038	2.3	0.97	
Nov20	1.64	0.043	2.7	2.38	
Nov27	1.01	0.034	3.7	2.44	
Dec 5	1.60	0.030	2.0	2.34	
Dec 10	1.57	0.038	2.0	2.36	
Dec 25	1.74	0.025	3.0		ice
Dec31	1.50	0.015			ice

Site: PR0 @ Richwood Road Culvert between Mud & Little Floyd

Date	gauge	totphos	suspsol
Jan6		0.043	5.3
Jan14		0.032	2.3
Jan20			
Jan27		0.045	3.3
Feb3		0.039	2.3

Feb8	0.037	0.7
Feb15	0.029	3.7
Feb23	0.036	4.0
Mar2	0.032	3.0
Mar7	0.032	2.3
Mar14	0.037	1.7
Mar21	0.044	3.7
Mar30	0.045	4.0
Apr4	0.032	2.0
Apr11	0.060	4.0
Apr18	0.158	7.7
Apr25	0.096	16.0
May2	0.068	16.0
May9	0.045	12.0
May16	0.040	10.0
May23	0.037	7.0
May30	0.033	5.0
June4	0.033	3.0
June11	0.036	5.0
June18	0.028	3.0
June25	0.026	1.5
July2	0.026	3.5
July9	0.028	4.5
July16	0.025	2.5
July23	0.022	2.5
July30	0.029	2.5
Aug6	0.034	3.5
Aug13	0.029	4.0
Aug20	0.032	4.0
Aug29	0.027	3.5

Site: SC1 @ N inlet to St. Clair at E Long Lake Rd

Date	gauge	totphos	suspsol
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Site: SC2 @ NE Inlet to St. Clair at Hwy 59

Date	gauge	totphos	suspsol
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Site: SC3 @ St. Clair Oulte at Hwy 59, Putt n. Pump

Date	gauge	totphos	suspsol	Ortho	Comments
Jan6	3.70	0.080	1.0		
Jan14	3.70	0.096	2.7		
Jan20	ice				
Jan27	3.95	0.133	2.5		
Feb3	ice				

Feb8	3.90	0.192	3.5	
Feb15	3.70	0.207	5.0	
Feb23	3.50	0.246	4.0	
Mar2	3.80	0.238	2.5	
Mar7	3.80	0.241	2.5	
Mar14	3.50	0.323	2.5	
Mar21	3.50	0.249	4.0	
Mar30	3.65	0.246	4.5	
Apr4	3.60	0.228	5.0	
Apr11	4.12	0.197	8.5	
Apr18	4.31	0.201	7.0	
Apr25	4.30	0.198	8.5	
May2	4.19	0.191	9.0	
May9	3.92	0.120	14.0	
May16	3.87	0.103	24.5	
May23	4.09	0.096	23.0	
May28	3.00			
May30	3.83	0.066	7.5	
June6	3.76	0.073	5.5	
June13	3.76	0.100	13.5	
June20	3.56	0.088	9.0	
June27	3.55	0.094	18.5	
July3	3.38	0.091	19.0	0.071
July11	3.26	0.117	9.0	0.016
July18	3.26	0.103	6.5	0.019
July25	3.00	0.120	11.5	0.078
July30	3.08	0.106	11.5	0.010
Aug8	3.06	0.104	9.5	0.072
Aug14	2.98	0.115	15.5	0.085
Aug 22	2.89	0.080	13.5	0.052
Aug29	2.80	0.088	13.0	0.033
Sept5	3.00	0.090	15.0	
Sept10	2.94	0.123	18.5	
Sept17	2.78	0.131	24.5	
Sept24	2.87	0.138	15.5	
Oct1	3.18	0.144	8.0	
Oct8	2.95	0.083	13.5	
Oct22	3.27	0.078	12.0	
Oct29	3.30	0.074	10.5	0.015
Nov5	3.53	0.085	17.0	
Nov12	3.50	0.075	14.5	
Nov20	3.58	0.051	8.0	
Nov27	3.28	0.061	5.5	
Dec 5	3.38	0.054	3.0	
Dec 10	3.28	0.062	4.0	
Dec 26	3.40	0.040	4.0	
Dec31	3.60	0.043		

Site: SC4 @ ditch 14 outlet to PR

Date	dwnstrm	totphos	suspsol	upstrm	ortho	comment
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Jan6	ice				
Jan14	ice				
Jan20	ice				
Jan 27	ice				
Feb3	ice				
Feb8	ice				
Fe15	ice				
Feb23	Ice				
Mar2	Ice				
Mar7	Ice				
Mar14	1.10	0.314	1.0		
Mar21	1.10	0.236	7.5		
Mar30	1.08	0.239	7.5		
Apr4	1.55	0.194	4.0		
Apr11	1.55	0.357	10.5		
Apr16	1.44				
Apr18	1.55	0.231	7.0		
Apr19	1.80				
Apr20	1.69				
Apr21	1.62				
Apr22	1.64	0.139	10.0		
Apr23	1.64				
Apr24	1.66				
Apr25	1.66				
Apr26	1.62	0.233	10.5		
Apr30	1.60	0.080	4.5		
May1	1.60				
May2	1.60				
May2	1.60	0.103	4.0		
May3	1.58				
May6	1.58	0.082	4.0		
May9	1.60	0.108	3.0		
May13	1.52	0.100	4.0		
May16	1.50	0.119	8.0		
May20	1.72				
May23	1.74	0.173	6.0		
May28	1.64				
May29	1.64				
May30	1.64	0.176	3.0		
June6	1.58	0.179	3.0	1.40	
June13	1.54	0.374	3.0	1.36	
June20	1.40	0.268	4.0	1.20	
June27	1.30	0.276	7.5	1.14	
July3	1.18	0.260	3.5	1.00	0.232
July11	1.04	0.185	2.5	0.88	0.137
July18	0.98	0.180	4.5	0.78	0.132
July25	0.90	0.205	9.5	0.72	0.128
July30	0.96	0.146	3.5	0.79	0.072
Aug8	0.96	0.141	4.0	0.78	0.103
Aug14	0.88	0.122	4.5	0.68	0.094
Aug22	0.86	0.192	6.0	0.68	0.102

Aug29	0.76	0.190	5.0	0.58	0.067
Sept5	0.91	0.182	7.0	0.75	0.088
Sept10	0.87	0.138	9.5	0.68	
Sept17	0.77	0.146	21.0	0.59	0.113
Sept24	0.78	0.157	16.0	0.59	0.066
Oct1	0.95	0.154	9.5	0.8	0.069
Oct8	0.92	0.078	12.5	0.76	
Oct22	0.98	0.093	13.0	0.83	0.018
Oct29	1.09	0.094	8.0	0.94	
Nov5	1.20	0.091	9.5	1.01	
Nov12	1.20	0.085	11.0	1.01	0.009
Nov20	1.26	0.058	8.0	1.21	0.002
Nov27	ice			ice	
Dec 5	1.28	0.056	3.0	ice	
Dec 10	1.15	0.066	5.0		0.96
Dec 26	ice			ice	
Dec31	ice				

Site: SE1 @ drainage from Lind Lake at Hwy 59

Date	gauge	totphos	suspsol	
May21	1.25			
June6	1.00	0.037	2.5	
June13	0.98	0.063	3.5	
June20	1.20	0.103	2.0	
June27	1.46	0.099	2.0	
July3	1.58	0.099	2.5	
July11	1.63	0.051	2.0	
July18	1.72	0.053	1.0	
July25	1.70			
July30	1.00	0.037	1.0	Sampled at Mel inlet
Aug8	0.70	0.034	2.0	
Aug14	0.54	0.083	9.5	
Aug22	0.49	0.058	8.0	
Aug29	0.41	0.062	7.5	

Site LL1 @ Long Lake Outlet

Date	gauge	totphos	suspsol
Jan6	4.28	0.024	2.3
Jan14	4.20	0.006	2.0
Jan20	4.40	0.010	0.7
Jan27	4.36	0.261	10.0
Feb3	4.50	0.016	1.0
Feb8	4.24	0.021	1.7
Feb14	4.24	0.011	3.7
Feb23	2.50	0.019	4.0
Mar2	4.40	0.014	3.0
Mar7	4.25	0.013	1.3

Mar14	4.16	0.024	0.7
Mar21	4.18	0.018	3.3
Mar30	4.20	0.021	3.0
Apr4	4.18	0.018	2.3
Apr11	4.26	0.031	3.3
Apr18	4.32	0.027	1.3
Apr25	4.38	0.029	3.7
May2	4.35	0.028	2.7
May9	4.3	0.022	3.7
May16	4.27	0.029	3.3
May23	4.21	0.026	7.3
May30	4.26	0.023	5.7
June6	4.18	0.020	5.5
June13	4.20	0.029	3.0
June20	4.19	0.006	0.5
June27	4.18	0.013	2.5
July3	4.12	0.013	3.0
July11	4.08	0.031	2.3
July18	4.06	0.026	2
July25	4.00		
July30	4.08	0.018	1
Aug8	4.10	0.021	2.5
Aug14	4.12	0.013	2.5
Aug22	4.10	0.011	4
Aug29	4.92	0.014	3.5

Site: SU2 @ At Hwy 148

date	gauge	totphos	suspol
Apr13	2.08		

Site: SU1 @ Sucker Creek

date	gauge	totphos	suspol	downstrm	Comment
	up				
May21	1.90				
May28	1.66				
June4	1.54			1.20	
June11	1.56	0.63	7.5	1.18	
June18	1.48			1.08	
June25	1.30			0.86	
July2	1.34			0.96	
July9	1.40			0.98	
July16	1.14			0.78	
July23	1.09			0.74	
July30	1.08	0.05	6	0.68	
Aug6	0.98			0.60	
Aug13	0.94			0.58	
Aug20	1.00			0.60	

Aug27 0.95 0.54

Site: Munson Lake @ Access

date	gauge	tphos	
May 22	2.10		
June7		0.023	
June26	0.00	0.003	0.02
July3		0.003	
July15		0.017	

Site:PR 9 Melissa Beach Resort gauge 1326.68

date	gauge	TPhos	Suspol
May21	1.78		
May28	1.68		
June6	1.58	0.022	0.3
June13	1.50	0.033	4.0
June20	1.55	0	1.0
June27	1.46	0.009	5.0
July3	1.34	0.014	6.5
July11	1.20	0.020	7.0
July18	1.10	0.023	3.0
July25	0.96		
July30	1.00	0.027	3.50
Aug8	1.00	0.027	4.00
Aug14	0.90	0.069	13.00
Aug22	0.75	0.026	11.50

Melissa date	tp	op	chl-a	bottom op
May 29		0.046	3.00	
May 30	0.023			
June7	0.023			0
June 18	0.073			
June 26	0.063	0.015		
July 3	0.077	0.018		
July15	0.020			0.005
Aug 20	0.008	0.000		0.003

Sallie date	tp	op	chl-a	bottom op	secchi
May22AW	0.049	0.005	7		7.5
May29AW		0.041	4		13.6
May 30	0.033				13.5
June7AW		0.012	13		20.9
June7	0.031	0.008		0.016	
June 14					15.8
June 18	0.023	0.007		0.022	13.0
June18AW		0.015			
June 20					15.0
June 20AW			2		
June26	0.005	0.010		0.021	12.0
June 26AW		0.007	4		
July2(AW)		0.005	8	0.031	
July 2	0.025	0.012		0.024	7.9
July 15	0.036	0.003		0.084	5.4
July 15 AW		0.003	8		
July25		0.005			4.5
July25(aw)			9		
July30	0.015	0.010		0.038	3.5
Jul30(AW)			21		
Aug 8	0.030	0.012		0.053	4
Aug 8(AW)	0.055		23		
Aug 16	0.038	0.018		0.046	3
Aug 16(AW)					
Aug 20	0.012	0.000		0.000	4
Aug 20		0.005			
Aug29	0.019				
	0.005			0.013	
Sept10	0.062	0.030		0.013	
Sept23	0.010	0.061		0.009	

Monson date	TP	
June 18	0	
June 26	0.003	
July 3	0.003	
July 15	0.017	
Aug20	0.012	0.002

, too culvert

