

1999 Gauge reading and concentrations

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Site: CC 1 @ Campbell Creek at CTY HWY 149

Hi up Strm - Zero = 1381.69							comments:
Date	Guage Culvert	Gauge Middle	Gauge MPCA	totphos	ortho	suspsol	
3/17	5.10						
3/19	4.72	over	3.30				
3/20	4.92						
3/21	5.30						Casey read it. It was fi
3/22	4.40		3.00				
3/22	5.06						
3/23	4.76						
3/24	4.72			0.213	0.054		
3/25	4.59						
3/26	3.76	2.88	2.35				It made a huge drop o
3/27	3.70	2.78	2.30				Snowy & rain
3/28	4.80			0.565	0.065	129.5	Rain
3/28	5.42						Beaver dam broke ver
3/28	5.50						
3/29	4.90						
3/30	4.92			0.108			
3/31	4.96						
4/1	4.88						
4/2	4.90						
4/3	4.80			0.098	0.038	32.5	
4/4	4.80						
4/5	4.70		3.30				
4/6	4.60		3.12				
4/7	4.50		3.12				
4/9	4.30		2.86				
4/11	3.03			0.037	0.021	4.5	
4/12	3.69	2.98	2.76				
4/13	3.58	2.98	2.64				
4/14	3.60	2.69	2.90				
4/15	3.50	2.58	2.09				
4/17		2.5	2.04	0.034	0.017	3.5	
4/19		2.44	1.98				
4/20		2.40	1.96				
4/25		2.30	0.00	0.029	0.015	2.0	
4/29		2.20	0.00	0.023	0.013	2.5	
5/4		2.30	0.00	0.061	0.020	7.0	
5/15		over	0.00	0.073	0.031	10.5	
5/23		2.80	0.00	0.066	0.026	8.5	
5/26		1.78	0.00	0.045	0.021		
6/1			1.26	0.047	0.031	6.0	
6/8		2.08	2.42	0.076	0.028	7.0	
6/14		2.16	1.58	0.081	0.031	15.0	
6/22		1.48	1.96				
6/23		1.78	1.18				

6/28	1.22	0.72	0.085	0.072	5.0	
7/8	1.36	0.84				
7/13	1.10	0.72	0.105	0.072	13.0	
7/20	1.16	0.62				
7/27	1.13	0.60				
8/2	1.07	0.54				
8/11	1.54	0.98	0.39	0.102		About 2" of rain fell to
8/16			0.084	0.053	20.5	
8/19	2.48	2.00	0.079		12.0	
8/26	2.90	2.40	0.077	0.056	13.5	
9/1	1.56	1.06	0.077	0.056	13.5	
9/18		1.30	0.048	0.036	10.0	
10/2		1.90	0.039	0.024	4.0	
10/16	1.7	1.2	0.048	0.031	3.0	
10/30	2.05	1.6	0.066	0.039	7.0	
10/12		1.06				PCA
11/13	1.45	0.95	0.029	0.017	5.5	

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

Date	Gauge	totphos	ortho	suspsol	comments:
1/9	1.55	0.042	0.015	4.5	
1/17	1.45	0.040	0.013	5.0	
1/24	1.45	0.040	0.015	4.5	
1/30	1.40	0.037	0.016	5.5	
2/6	1.40	0.034	0.015	4.5	
2/13	1.40	0.034	0.015	4.0	
2/21	1.40	0.048	0.013	4.5	
2/28	1.40	0.045	0.015	3.5	
3/7	1.40	0.048	0.015	4.0	
3/13	1.40	0.048	0.013	3.5	
3/21	1.40	0.048	0.016	3.0	
3/22	1.42				
3/23	1.40				
3/24	1.41	0.036	0.018		
3/25	1.45				
3/26	1.40				windy
3/28	1.60	0.050	0.015	4.0	
3/29	1.64				
3/30	1.70	0.026			
3/31	1.72				
4/1	1.75				
4/2	1.82				
4/3	1.84	0.081	0.027	5.0	
4/4	1.90				
4/5	1.90				
4/6	1.90				
4/7	1.96				

4/9	1.96				
4/11	1.98	0.024	0.013	2.0	
4/12	1.98				
4/13	1.98				
4/15	1.94				windy
4/17	1.89	0.028	0.012	2.5	
4/19	1.98				
4/20	1.88				
4/25	1.80	0.023	0.01	2.0	
4/28	1.72	0.021	0.012	1.5	
5/4	1.70	0.026	0.012	3.0	
5/15	2.02	0.044	0.015	3.5	
5/23	2.00	0.037	0.017	3.5	
6/1	1.85	0.024	0.004		
6/8	1.78	0.034	0.006		
6/15	1.68	0.031	0.010		
6/22	1.58				
6/28	1.56	0.036	0.002		
7/8	1.54				
7/13	1.46	0.032	0.007		
7/20	1.38				
7/27	1.36	0.035	0.004		
8/2	1.26				
8/11	1.40	0.040	0.000		
8/19	1.36				
8/26	1.52	0.032	0.004		
9/1	1.50	0.032	0.006		
9/18	1.65	0.032	0.009	1.5	
10/2	1.45	0.028	0.007	1.0	
10/16	1.40	0.031	0.010	1.0	
10/30	1.40	0.034	0.015	4.0	
11/8	1.35				
11/12	1.33				
11/13	1.35	0.031	0.013	2.0	

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

Date	Gauge	totphos	ortho	suspsol	comments:
1/9	2.50	0.047	0.012		
1/17	2.50	0.040	0.013		
1/24	2.45	0.045	0.013		
1/30	2.45	0.040	0.013		
2/6	2.35	0.040	0.012		
2/13	2.40	0.034	0.012		
2/21	2.40	0.045	0.013		
2/28	2.40	0.045	0.012		
3/7	2.40	0.045	0.013		
3/13	2.40	0.044	0.013		
3/21	2.40	0.056	0.015		

3/24	2.40		
3/25	2.40		
3/28	2.58	0.042	0.015
4/3	2.90	0.074	0.029
4/11	2.89	0.023	0.013
4/17	2.87	0.024	0.013
4/25	2.78	0.024	0.017
4/28	2.69	0.020	0.017
5/4	2.70	0.023	0.017
5/15	3.00	0.039	0.017
5/23	3.00	0.040	0.017
6/1	2.80	0.023	0.006
6/8	2.72	0.032	0.006
6/15	2.64	0.022	0.007
6/22	2.52		
6/28	2.50	0.023	0.000
7/8	2.50		
7/13	2.42	0.029	0.006
7/20	2.34		
7/29	2.30	0.017	0.004
8/2	2.24		
8/11	2.34	0.021	0.000
8/19	2.36		
8/26	2.46	0.018	0.002
9/1	2.48	0.023	0.006
9/18	2.6	0.024	0.004
10/2	2.4	0.028	0.004
10/16	2.35	0.026	0.007
10/30	2.35	0.024	0.012
11/12	2.31		
11/13	2.3	0.029	0.013

Site: PR 2 @ Anchor Road and PR

Date	Gauge	totphos	ortho	comments:
3/22	2.12			
3/23	2.10			
3/24	2.05			
3/26	2.00			
3/28	2.46			
3/29	2.60			
3/30	2.68			
3/31	2.58			
4/1	2.50			
4/2	2.78			
4/3	2.44			
4/15	2.36			
4/19	2.18			
4/20	2.16			

Site : PR 3 @ Hwy 34 at PR

Date	Gauge	tail	totphos	ortho	suspsol	comments:
3/18	1.40					
3/19	1.40					
3/22	1.84	15.16				
3/23	1.94	15.30				
3/24	1.95	15.28				
3/25	1.90	15.20				
3/26	1.92	15.24				
3/28	2.80	15.95				
3/29	3.02	16.18				
3/30	3.00	16.12				
3/31	3.04	16.16				
4/1	3.00	16.12				
4/2	2.96	16.00				
4/3	2.80	16.00				
4/4	2.68	15.86				
4/5	2.62	15.84				
4/6	2.58	15.80				
4/7	2.56	15.78				
4/8	2.50					
4/9	2.44					
4/15	2.12					
4/25	1.88					
4/28	1.75					
5/3	1.59					
5/6	1.76					
5/10	2.15					
6/1	1.66	15.01	0.031	0.017		
6/8	1.62	15.00	0.028	0.012		
6/15	1.50	14.96	0.048	0.023		
6/22	1.36	14.88				
6/28	1.46	15.04	0.042	0.036		
7/8	1.82	15.36				
7/13	1.60	15.20	0.063	0.043		
7/20	1.56	15.18				
7/29	1.74	15.37	0.078	0.050		
8/2	1.68	15.34				
8/11	2.36	16.00	0.300	0.111		
8/19	2.42	16.04				
8/26	2.08	15.70	0.125	0.081		
9/1	2.1		0.085	0.051		

Site PR4/PR5 guage at Corbett:Sample at NSD

Date	Gauge	Tphos	ortho	suspsol	Comments:
3/7		0.039	0.016	4	
3/13	1.10	0.042	0.009	4.0	
3/21	1.20	0.058	0.018	7.0	

3/22	1.28			
3/23	1.38			
3/24	1.55	0.092	0.024	
3/25	1.55			
3/26	1.36			
3/28	2.22	0.109	0.023	13.5
3/29	2.36			
3/30	2.36	0.061		
3/31	2.38			
4/1	2.52			
4/2	2.30			
4/3	2.22	0.047	0.020	12.5
4/4	2.19			
4/5	2.06			
4/6	2.00			
4/7	1.98			
4/9	1.86			
4/11		0.020	0.010	4.0
4/12	1.62			
4/14	1.64			
4/15	1.60			
4/17		0.020	0.012	4.5
4/19	1.40			
4/20	1.42			
4/25		0.023	0.015	4.0
4/28		0.023	0.012	4.0
5/4		0.036	0.020	5.5
5/15		0.040	0.012	5.5
5/23		0.032	0.015	6.5
5/26		0.036	0.017	
6/1	1.18	0.034	0.021	2.0
6/8	1.17	0.053	0.023	2.0
6/15	1.08	0.041		
6/22	0.95			
6/28	1.24	0.052	0.042	1.0
7/8	1.48			
7/13	1.20	0.077	0.047	6.0
7/20	1.20			
7/29	1.30	0.064	0.047	3.0
8/2	1.26			
8/11	2.08	0.161	0.089	31.0
8/19	1.84			
8/26	1.4	0.090	0.042	
9/1	1.26	0.055	0.023	
10/16	0.68			

Site PR4a @ Long Ave.

Date Gauge

Comments:

3/13	2.00			
3/19	2.00			
3/21	2.10			
3/22	2.22			
3/23	2.30			
3/24	2.31			
3/25	2.28			
3/26	2.20			
3/27	2.35			
3/28	2.78			
3/28	2.98			
3/28	2.95			
3/29	3.06			
3/30	3.08			
3/31	3.10			
4/1	3.08			
4/2	3.02			
4/3	2.90			
4/4	2.86			
4/5	2.80			
4/6	2.78			
4/7	2.76			
4/9	2.66			
4/12	2.48			
4/14	2.50			
4/15	2.46			
4/17	2.38			
4/19	2.30			
4/20	2.24			
4/25	2.21			
4/29	2.12			
5/5	2.13			
5/15	2.95			
5/23	2.28			
5/26	2.14			
6/1	2.00			
6/8	1.94			
6/15	1.82			
6/22	1.68			
6/28	1.78			
7/8	1.86			
7/13	1.60			
7/20	1.52			
7/29	1.50			
8/2	1.40			
8/11	2.00			
8/19	1.90			
8/26	1.68	0.09	0.042	
9/1		0.055	0.023	
9/18	2.00	0.053	0.017	3.5
10/2	1.65	0.021	0.007	3

10/16	1.75	0.029	0.006	2
10/30	1.65	0.05	0.017	3.5
11/13	1.50	0.036	0.015	3
11/16				

Site: PR 6 Outlet from Detroit Lake

Date	Gauge	totphos	ortho	Comments:
1/9	4.50	0.034	0.009	
1/17	4.45	0.036	0.012	
1/24	4.35	0.042	0.010	
1/30	4.30	0.040	0.009	
2/6	4.30	0.040	0.010	
2/13	4.35	0.044	0.012	
2/21	4.30	0.034	0.013	
2/28	4.30	0.036	0.009	
3/7	4.30	0.039	0.012	
3/13	4.30	0.040	0.012	
3/15	4.26			
3/17	4.28			
3/19	4.28			
3/21	4.30	0.047	0.012	
3/22	4.32			
3/23	4.34			
3/24	4.38	0.028	0.012	
3/25	4.38			
3/26	4.40			
3/28	4.53	0.031	0.010	
3/29	4.40			
3/30	4.64	0.013		
3/31	4.68			
4/1	4.71			
4/2	4.74			
4/3	4.80	0.012	0.005	
4/4	4.84			
4/5	4.84			
4/6	4.86			
4/7	4.88			
4/9	4.83			
4/11	4.85	0.020	0.009	
4/12	4.86			
4/14	4.87			
4/17	4.81	0.018	0.013	
4/18	4.80			
4/25	4.75	0.016	0.010	
4/25	4.76			
4/28	4.72	0.026	0.004	
5/3	4.66			
5/4	4.72	0.021	0.010	

5/15	5.00	0.040	0.015
5/23	5.00	0.034	0.012
5/26	4.92	0.021	0.004
6/1	4.88	0.023	0.007
6/10	4.92	0.012	0.004
6/16	4.74	0.023	
6/24	4.68	0.021	
7/1	4.60		
7/8	4.66	0.024	0.003
7/13	4.54		
7/22	4.44	0.023	0.006
7/29	4.44		
8/2	4.32	0.018	
8/10	4.30		
8/17	4.60	0.021	0.004
8/23	4.58		
9/1	4.46	0.020	
9/18	4.50	0.015	0.002
10/2	4.35	0.018	0.004
10/16	4.30	0.015	0.002
10/30	?	0.026	0.018
11/13	?	0.028	0.013
11/16	?		

Site: PR 7 Muskrat outlet at Dunton Locks

Date	Gauge	totphos	ortho	suspsol	DO	Comments:
1/9	4.50	0.040	0.010	3.0		
1/17	4.50	0.040	0.010	3.5		
1/24	4.50	0.042	0.013	3.5		
1/30	4.45	0.044	0.015	3.0		
2/6	4.40	0.042	0.013	2.5		
2/13	4.40	0.040	0.013	3.0		
2/21	4.30	0.040	0.013	2.0		
2/28	4.30	0.040	0.012	2.0		
3/7	4.30	0.042	0.012	2.0		
3/13	4.40	0.040	0.012	2.5		
3/21	4.40	0.047	0.015	4.0		
3/22	4.44					
3/23	4.46					
3/24	4.50	0.047	0.012			
3/25	4.50					
3/26	4.50					Windy
3/28	4.60	0.034	0.013	4.0		
3/29	4.66					
3/30	4.70	0.029				
3/31	4.74					
4/1	4.79					
4/2	4.82					
4/3	4.83	0.023	0.012	3.5		

4/4	4.86				
4/5	4.88				Windy
4/6	4.88				
4/11	4.90	0.024	0.010	3.0	
4/17	4.88	0.026	0.006	3.5	
4/25	4.78	0.026	0.012	2.5	
4/28	4.78	0.026	0.010	6.5	
5/4	4.78	0.024	0.013	4.0	
5/15	5.00	0.039	0.017	5.0	
5/23	4.90	0.036	0.013	3.0	
5/26	4.78	0.029	0.006		
6/1		0.026	0.006	2.0	
6/10	4.74	0.030	0.006	2.0	
6/14	4.70	0.035	0.000	0.0	
6/24	4.62	0.028			
7/1	4.58				
7/8	4.66	0.029	0.004	0.0	
7/15	4.56				
7/22	4.48	0.031	0.007	4.0	
7/29	4.50				
8/2	4.42	0.040			
8/10	4.40				
8/17	4.63	0.042	0.007		
8/23	4.60				
9/2		0.032			
9/18	4.60	0.037	0.006		
10/2	4.50	0.032	0.006		
10/16	4.45	0.032	0.009		
10/30	4.60	0.036	0.010		
11/8	3.82				
11/12	3.95				
11/13	4.50	0.028	0.010		
11/16	4.46				

Site:PR 8 Sallie Outlet at Shoreham

Site:PR 8 Sallie Outlet at Shoreham					Sallie gauge at Dunton Locks	
Date	Gauge	totphos	ortho	suspsol	Sallie	Comments:
1/9	2.05	0.037	0.009		2.05	
1/17	1.90	0.032	0.010		1.90	
1/24	1.80	0.037	0.010		1.80	
1/30	1.75	0.039	0.013		1.75	
2/6	1.70	0.039	0.013		1.70	
2/13	1.80	0.039	0.013		1.80	
2/21	1.70	0.039	0.015		1.70	
2/28	1.75	0.042	0.015		1.75	
3/7	1.70	0.042	0.013		1.70	
3/13	1.80	0.042	0.015		1.80	
3/21	1.80	0.044	0.020		1.80	
3/22	1.65				1.80	

3/23	1.65				1.82
3/24	1.75				1.91
3/25	1.80				1.80
3/26	1.80				1.80
3/28	1.80	0.036	0.016		
3/29	1.80				2.00
3/30	1.80	0.020			2.06
3/31	1.84				2.08
4/1	1.89				2.11
4/2	1.90				2.18
4/3	1.91	0.016	0.015		2.19
4/4	1.96				2.36
4/5	1.98				2.30
4/6	2.01				2.34
4/11	2.09	0.021	0.020		
4/17	2.13	0.028	0.018		
4/25	2.10	0.026	0.012		
4/28	2.10	0.023	0.012		
5/4	2.10	0.020	0.010		
5/4	2.10	0.020	0.010		
5/15	2.27	0.037	0.015		
5/23	2.28	0.036	0.017		
5/26	2.20	0.026	0.007	7.0	
6/1	2.16	0.018	0.006	0.0	2.46
6/10	2.18	0.012	0.009	2.0	2.48
6/14	2.10	0.020	0.000	2.0	2.36
6/24	2.06	0.026			2.22
7/1	2.06				2.20
7/8	2.06	0.039	0.005	1.0	2.24
7/15	1.98				2.10
7/22	1.88	0.036	0.007	4.0	2.00
7/29	1.86				1.96
8/2	1.80	0.040			1.84
8/10	1.74				1.78
8/17	1.86	0.052	0.010		2.02
8/23	1.94				2.10
9/2	1.90	0.052			2.04
9/18	1.95	0.055	0.009		
10/2	1.85	0.053	0.002		
10/16	1.70	0.048	0.004		
10/30	1.70	0.039	0.010		
11/12					1.40
11/13	1.55	0.024	0.012		
11/16					1.52

Date	Gauge	totphos	ortho	suspsol	Comments:
1/9	-	0.037	0.009		
1/17	-	0.044	0.007		
1/24	-	0.040	0.010		
1/30	-	0.040	0.010		
2/6	-	0.037	0.012		
2/13	-	0.040	0.015		
2/21	-	0.040	0.010		
2/28	-	0.044	0.024		
3/7	-	0.042	0.010		
3/13		0.040	0.010		
3/21		0.031	0.013		
3/28		0.034	0.012		
3/29		0.010			
4/3	5.28	0.013	0.012		
4/11		0.015	0.004		
4/17		0.020	0.007		
4/25		0.016	0.009		
4/28		0.015	0.010		
5/4		0.023	0.010		
5/15		0.034	0.009		
5/23		0.037	0.010		
5/26	1.94	0.031	0.004		
6/1	1.86	0.020	0.006	0.0	
6/10	1.94	0.010	0.002		
6/14	1.82	0.018	0.000	1.0	
6/24	1.76	0.020			
7/1	1.72				
7/8	1.74	0.026	0.002	1.0	
7/15	1.62				
7/22	1.56	0.029	0.004	5.5	
7/29	1.50				
8/2	1.40	0.021			
8/10	1.32				
8/17	1.45	0.032	0.007		
8/23	1.48				
9/2	1.4	0.032			
9/18	1.4	0.039	0.004		
10/2	1.3	0.039	0.007		
10/16	1.2	0.032	0.006		
10/30	1.2	0.042	0.010		
11/13	1.1	0.032	0.012		

Site: Bucks Mills

Date	Gauge
2/6	5.20
2/13	5.20
2/21	5.10

2/28	5.10
3/7	5.10
3/22	5.10
3/23	5.12
3/24	5.11
3/25	5.10
3/26	5.12
3/29	5.20
3/30	5.22
3/31	5.24
4/1	5.28
4/2	5.26
4/3	5.28
4/4	5.28
4/5	5.30
4/6	5.31
4/11	5.35
4/17	5.39
4/25	5.40
4/28	5.40
5/4	5.39
5/15	5.45
5/23	5.40
5/26	5.40
6/1	5.38
6/10	5.42
6/28	5.26
7/1	5.22
7/8	5.24
7/15	5.20
7/22	5.14
7/29	5.16
8/2	5.14
8/10	5.14
8/17	5.20
8/23	5.20
9/2	
9/18	5.15
10/2	5.15
10/16	5.10
10/30	5.10
11/12	
11/13	5.00
11/16	

Site: SC 3 @ St. Clair Outlet at HWY 59, Putt N Pump

Date	Gauge	totphos	ortho	suspsol	DO	Alkalinity PH	Chloride	Conductan
1/9	3.65	0.058	0.015					
1/17	3.50	0.055	0.018					

1/22		0.020	0.017	<1	322	
1/24	3.35	0.055	0.010			
1/30	3.40	0.058	0.018			
2/6	3.50	0.058	0.021			
2/13	3.45	0.056	0.023			
2/18		0.048	0.029		306	743
2/21	3.35	0.059	0.021			
2/28	3.45	0.057	0.012			
3/7	3.40	0.061	0.027			
3/13	3.50	0.058	0.031			
3/21	3.65	0.058	0.034			
3/22	3.70					
3/23	3.72					
3/24	3.78	0.073	0.034			
3/25	3.78					
3/26	3.80					
3/28	4.00	0.061	0.035			
3/29	4.18					
3/30	4.24	0.053				
3/31	4.28					
4/1	4.30					
4/2	4.30					
4/3	4.30	0.045	0.034			
4/4	4.30					
4/5	4.30					
4/6	4.30					
4/11	4.22	0.065	0.029			
4/17	4.15	0.060	0.031			
4/25	3.98	0.066	0.010			
4/28	3.85	0.060	0.034			
5/4	3.90	0.058	0.032			
5/15	4.52	0.069	0.029			
5/23	4.22	0.065	0.032			
5/26	4.06	0.061	0.010			
6/1	3.88	0.063	0.031			
6/10	4.10	0.048	0.010			
6/16	4.00	0.044				
6/24	4.11	0.053				
7/1	3.96	0.055	0.028			
7/8	3.98	0.052	0.009			
7/13	3.82	0.068	0.017			
7/22	3.50	0.065	0.021		4.8	
7/29	3.56				6.2	8.31
8/2	3.44	0.270				
8/10	3.46					
8/11	3.68	0.088	0.012		3.26	8.12
8/17	4.08	0.066	0.015			
8/18		0.061	<0.005	10		8.32
8/23	3.86	0.066	0.017			
9/1	3.48	0.063	0.017			
9/18	3.75	0.065	0.024			

10/2	3.50	0.063	0.026
10/13		0.048	0.022
10/16	3.55	0.071	0.028
10/30	3.50	0.071	0.037
11/12	3.33		
11/13	3.35	0.045	0.026

SCL-2

#####		0.033	0.101		190	7.67		
1/22		0.028	0.017	1.0	317			
2/18		0.005	0.029		298		60.6	72.3
2/11		0.038	0.019		319		67.1	772
8/18		0.061	0.005	13.0	210	8.55	44	210
10/13		0.038	0.024					

SCL-3

1/22		0.048	0.019	2.0	315			
2/18		0.068	0.046		300		75	769
8/18		0.073	0.005	12	434	8.29	45	
10/13		0.038	0.022					

Site: SC 3 a @ Ditch 14 at Cty Rd 6 sample downstream

Date	Gauge	DS	totphos	ortho	suspsol	DO	Comments:
6/1	1.10	2.95	0.079	0.013			
6/10			0.06	0.094			Lab difficulties in filtrat
6/16			0.06				
6/24	1.70		0.101				
7/1	1.56		0.066	0.043			
7/8	1.54		0.090	0.015			
7/15	1.24						
7/22	1.02	2.88	0.089	0.031		3.6	
7/29	1.02	2.88					
8/2	0.94	2.77					
8/10	0.90	2.74					
8/11	1.08	2.92	0.134	0.020		2.46	
8/17		3.22	0.071	0.013			
8/23	1.20	2.95					
9/1	0.85	2.68	0.076	0.017			

Site: SC4 @ Ditch 14 outlet to PR

Date	Gauge	upsstream	totphos	ortho	suspsol	DO	pH	Comments:
3/7	1.00		0.055	0.026	19.0			
3/13	0.98		0.057	0.027	17.5			
3/17	0.98							
3/19	0.98							
3/21	1.00		0.058	0.031	18.5			
3/22	1.00							
3/23	1.02							
3/24	1.09		0.079	0.042				
3/25	1.09							
3/28	1.30		0.125	0.050	24.0			
3/30	4.24							
3/31	4.28		0.070					
4/1	4.30							
4/2	1.52							
4/3	1.50		0.068	0.045	22.5			
4/4	1.58							
4/5	1.60							
4/6	1.62							
4/7	1.63							
4/9	1.64							
4/11	1.60		0.061	0.031	12.5			
4/12	1.60							
4/14	1.60							
4/17	1.55		0.065	0.026	16.0			
4/18	1.54							
4/25	1.48							
4/25	1.49		0.058	0.029	13.5			
4/28	1.48		0.060	0.026	15.0			
5/3	1.36							
5/4	1.44		0.068	0.036	17.0			
5/15	1.84		0.077	0.026	14.0			
5/23	1.75		0.071	0.031	12.5			
5/26	1.68		0.071	0.034				
6/1	1.60		0.087	0.047				
6/10	1.68		0.064	0.086				Lab difficulties in filtrat
6/16	1.48		0.063					
6/24	1.44		0.084					
7/1	1.36		0.061	0.028				
7/8	1.42		0.101	0.024				
7/13	1.30		0.116	0.034				
7/22	1.16		0.116	0.053			2.8	
7/29	1.18					4.33	7.76	
8/2	1.08		0.130					
8/10	1.03							
8/11	1.22		0.220	0.058			2	7.31
8/17	1.35		0.095	0.021				
8/18			0.096	0.005	20.0		7.83	
8/23	1.30		0.163	0.061				
9/1	1.16		0.085	0.032				
9/18	1.3		0.079	0.028	18			

10/2	1.08	0.069	0.029	12
10/13		0.033	0.024	
10/16	1.05	0.065	0.032	11.5
10/30	1	0.071	0.032	9.5
11/12	0.7			
11/13	1	0.042	0.023	11
11/16	1			

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

Date	Gauge	totphos	ortho	suspsol	Comments:
4/2	1.52				
4/4	1.56				
4/6	1.54				
6/1	1.38	0.026	0.016		
6/16	1.38	0.028			
7/1	1.36				
7/8	1.46				
7/15	1.36				
7/29	1.26				
8/2	1.17				
8/10	1.16				
8/23	1.36				

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

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

Date	Gauge Upstream	Gauge downstream	totphos	ortho	suspsol	Comments:
6/1	1.63	1.44	0.044	0.028		
6/16	1.50	1.32	0.053			
6/28	1.50	1.28				
7/8	1.48	1.28				
7/13	1.40	1.24				
7/20	1.30	1.12				
7/27	1.28	1.08				
8/2	1.20	1.04				
8/11	1.64	1.34				
8/19	1.10	1.30				
8/26	1.10	1.30				