

Water Testing Results Valley of the Fox	Turbidity, FTU mg/L	pH	Nitrate mg/L	Nitrite N, mg/L	Total Coliform (in 1ml water)	Coliform - E.Coli (in 1ml water)	Coliform - Other (in 1ml water)	Ammonia	Phosphate mg/L	Sulfate SO ₄ ²⁻ mg/L	Copper	Iron	Barium
Jelke Creek													
Rte 31, s of Boncosky Rd													
Oct 17/09	0	7.56	2.9	0.000	8	1	0		24.8				
Average	0.00	7.56	2.90	0.000	8	1	0		24.80				

Jelke Creek	Turbidity	pH	Nitrate	Nitrite	Total Coliform	Coliform E.Coli	Coliform Other	Ammonia	Phosphate	Sulfate	Copper	Iron	Barium
Loc??													
Oct 17/09	2	7.57	0.1	0.249					12.5				
Average	2.00	7.57	0.10	0.249					12.50				

Tyler Creek	Turbidity	pH	Nitrate	Nitrite	Total Coliform	Coliform E.Coli	Coliform Other	Ammonia	Phosphate	Sulfate	Copper	Iron	Barium
McCormack Rd													
June 18/05	11	7.94	2.8					0	0.51				
July 16/05	20	7.86	0.3					0.23	1.36				
May 13/06	12	7.71	15.9	0.035					0				
Aug 19/06	49	7.68	0.7	0.024					1.05	64	0	0.55	
Nov 29/06	4	8.39	3.3	0.020					1.39	76	0		3
Feb 24/07	3	6.9	3.7	0.024					1.18				
May 19/07	4	7.76	2.2	0.026					>2.50				
Aug 18/07 - no sample	no sample	no sample	no sample	no sample					no sample				
Nov 17/07	12	7.58	4.4	0.022					3.1	76			
April 05/08	27	7.63	2.4	0.014					3.86				
>>see comments									comments: Phosphate dilution by factor of 3. Diluted reading = 1.93				
May 17/08	15	7.47	2.4	0.017					0.88				
Aug 16/08	20	7.26	1.7	0.017					4.8				
>>see comments									comments: Hach prg 482 method 8114 due to OR on initial test				
Nov 15/08	6	7.73	0.8	0.016					5.5				
Oct 17/09	10	7.34	0.0	0.003					11.09				
Average	14.85	7.63	3.12	0.020				0.12	2.89	72.00			

Tyler Creek Downstream POTW by Gilberts Treatmt Plant	Turbidity	pH	Nitrate	Nitrite				Ammonia	Phosphate	Sulfate	Copper	Iron	Barium
June 18/05	31	7.82	1.2					0	1.5				
July 16/05	13	7.89	8.9					0.05	12.2				
May 13/06	11	7.70	16.1	0.033					1.19	110			
Aug 19/06	8	7.53	13.9	0.040					7.9	46	0	0	
Nov 29/06	4	8.42	2.5	0.030					3.84	76	0.02	0.07	4
Feb 24/07	45	6.98	4.4	0.028					1.69				
May 19/07	13	7.75	3.2	0.024					>2.50				
Aug 18/07 - no sample	no sample	no sample	no sample	no sample					no sample				
Nov 17/07	7	7.60	5.6	0.024					4.9	76			
April 05/08	9	7.63	2.4	0.010					OR	56			
>> see comments									comments - Phosphate over range - even when diluted by factor of 2 (potential)				
May 17/08	15	7.65	2.6	0.017					2.49				
Aug 16/08	22	7.62	2.0	0.015					2.42				
Nov 15/08	13	7.94	0.9	0.017					11.4				
Oct 17/09	10	7.43	0.3	0.002					48.3				
Average	15.46	7.69	4.92	0.022				0.03	8.89	72.80			

BrewsterCreek	Turbidity, FTU mg/L	pH	Nitrate mg/L	Nitrite N, mg/L				Ammonia	Phosphate mg/L	Sulfate SO ₄ ²⁻ r	Copper	Iron	Barium
Upstream													
June 18/05	3	8.19	0.3					0	0.26				
July 16/05		8.24	0					0.03	0.71				
May 13/06	16	8.02	2.7	0.01					0.78	140			
Aug 19/06	15	7.89	0.3	0.009					1.53	46	0	0.15	
Nov 29/06	5	8.64	0.1	0.002					0.3	74	0.01		5
Feb 24/07	8	7.05	0	0					0.09		0		
May 19/07	0	8	0.2	0					>2.50				
Aug 18/07	0	7.78	0	0.016					11.2				
Nov 17/07	0	7.84	3.3	0.012					2.3	76			
April 05/08	9	7.82	0.1	0.005					1.62				
May 17/08	13	7.79	0.2	0.011					2.1				
>>see comments									* Diluted x 4 Act. readng= 0.5				
Aug 16/08	5	7.68	0.3	0.005					0.25				
Nov 15/08	9	7.74	0.2	0.02					2.4				
Oct 17/09 - no sample													
Average	6.92	7.90	0.59	0.008				0.02	1.96	84.00			5.00

Brewster Creek	Turbidity	pH	Nitrate	Nitrite				Ammonia	Phosphate mg/L	Sulfate	Copper	Iron	Barium
Downstream													
June 18/05	9	8.24	0.3					0	0.20				
July 16/05		8.1	0					0.08	2.3				
May 13/06	12	7.94	2.7	0.01					0.55				
Aug 19/06	42	7.79	0.3	0.021					0.91	75	0.00	0.36	
Nov 29/06	5	8.52	0.5	0.004					1.59	76	0.11		4
Feb 24/07	6	7.07	0	0					0.15				
May 19/07	3	8.05	0.3	0					2.12				
Aug 18/07	0	7.83	0	0.018					14.2				
Nov 17/07	4	7.81	3.5	0.011					7.2	76			
April 05/08	9	7.87	0.1	0.008					1.91	72			
May 17/08 - no sample													
Aug 16/08	8	7.87	0.4	0.009					0.29				
Nov 15/08	7	7.71	0.3	0.02					2.4				
Oct 17/09 - no sample													
Average	9.55	7.90	0.70	0.010				0.04	2.82	74.75	0.06	0.36	4.00

Mill Creek	Turbidity, FTU mg/L	pH	Nitrate mg/L	Nitrite N, mg/L				Ammonia	Phosphate mg/L	Sulfate SO ₄ ²⁻ r	Copper	Iron	Barium
N. Bridal Creek Rd													
June 18/05	20	8.05	1.6					0	0.47				
July 16/05	1	8.13	0.7					0.04	0.71				
May 13/06 - no sample	no sample	no sample	no sample	no sample				no sample	no sample				
Aug 19/06	15	7.91	0.3	0.011					1.52	74	0	0.02	
Nov 29/06	6	7.94	1.9	0.012					5.49	76	0	Nt	3
Feb 24/07	32	7.21	1.1	0.009					0.21	NT			
May 19/07	16	7.99	2.0	0.011					2.50				
Aug 18/07	3	6.92	0.3	0.01					13.80				
Nov 17/07	6	7.69	3.6	0.009					2.50	76			
April 05/08	7	7.86	1.1	0.007					4.10				
>>see comments													
May 17/08	10	7.80	1.2	0.009					1.37				
Aug 16/08	14	7.95	0.9	0.008					0.30				
Nov 15/08	4	7.74	0.4	0.013					12.20				
Oct 17/09-no sample													
Average	11.17	7.77	1.26	0.010				0.020	3.764	75.333			

comments: Phosphate sample was diluted by factor of 2. actual

Mill Creek	Turbidity	pH	Nitrate	Nitrite				Ammonia	Phosphate mg/L	Sulfate	Copper	Iron	Barium
LaFox Road, Campton Hills													
June 18/05	21	7.67	0.6					0	0.30				
July 16/05	45	8.00	1.0					0.04	2.3				
May 13/06 - No sample	no sample	no sample	no sample	no sample				no sample	no sample				
Aug 19/06	50	7.56	0.3	0.02					1.09	62	0	0.49	
Nov 29/06	3	8.37	0.9	0.027					0.61	72	0		2
Feb 24/07	42	7.03	1.4	0.02					0.29	NT			
May 19/07	27	7.83	1.3	0.005					2.5				
Aug 18/07	15	7.52		0.029					0.29				
Nov 17/07	13	7.58	4.6	0.013					2.3	71			
April 05/08	20	7.86	14.7	0.014					4.40				
>>see comments										comments: Phosphate sample was diluted by factor of 2. Actual reading 2.20			
May 17/08	12	7.66	1.1	0.017					0.43				
Aug 16/08	21	7.73	0.8	0.012					0.22				
Nov 15/08	13	7.79	0.6	0.015					2.2				
Oct 17/09-no sample													
Average	23.50	7.72	2.48	0.017				0.020	1.411	68.333			2.000

Mill Creek	Turbidity	pH	Nitrate	Nitrite				Ammonia	Phosphate mg/L	Sulfate	Copper	Iron	Barium
Brundige Rd													
June 18/05	9	8.03	2.7					0	0.31				
July 16/05	1	7.52	0.0					0.23	5.1				
May 13/06 - No sample	no sample	no sample	no sample	no sample				no sample	no sample				
Aug 19/06	12	7.94	0.3	0.011					2.71	52	0	0.05	
Nov 29/06	3	8.27	3.5	0.032					1.72	68	0		2
Feb 24/07	16	7.16	2.0	0.015					0.026	NT			
May 19/07	4	8.02	2.3	0.039					2.5				
Aug 18/07	0	7.7		0.018					0.26				
Nov 17/07	8	7.76	6	0.025					7	76			
April 05/08	17	7.91	1.3	0.013					2.57				
May 17/08	10	7.81	2.3	0.026					2.42				
Aug 16/08	12	7.92	0.8	0.022					0.26				
Nov 15/08	13	7.75	1	no test					2.7				
Oct 17/09-no sample													
Average	8.75	7.82	2.02	0.02				0.12	2.30	65.33			2.00

Mill Creek	Turbidity	pH	Nitrate	Nitrite				Ammonia	Phosphate mg/L	Sulfate	Copper	Iron	Barium
Keslinger Rd													
June 18/05	2	7.92	2.5					0	2.30				
July 16/05	11	7.98	8.4					0.07	5.1				
May 13/06 - no sample	no sample	no sample	no sample	no sample				no sample	no sample				
Aug 19/06 - no sample	no sample	no sample	no sample	no sample				no sample	no sample				
Nov 29/06	3	8.77	2.0	0.015					2.2	72	0	0.05	4
Feb 24/07	18	7.14	2.6	0.018					0.54	63			
May 19/07	19	8.04	3.8	0.050					2.5				
Aug 18/07	8	7.84	0.6	0.030					14.4				
Nov 17/07	4	7.72	5.3	0.020					6.2	74			
April 05/08	9	7.93	1.9	0.009					3.66	56			
>>see comments									comments: Phosphate diluted by factor of 2. Actual reading = 1.83 * 2 = 3.66				
May 17/08	11	7.87	2.6	0.025					4				
>>see comments									* Diluted x 4 Act. Readng=1.0				
Aug 16/08	13	7.96	1.3	0.019					0.66				
Nov 15/08	15	7.85	1.1	0.034					2.4				
Oct 17/09-no sample													
Average	10.27	7.91	2.92	0.024				0.035	3.996	66.250	0.000		

Mill Creek	Turbidity	pH	Nitrate	Nitrite				Ammonia	Phosphate mg/L	Sulfate	Copper	Iron	Barium
Randall Rd													
Nov 17/07	4	7.87	4.1	0.010					4.2	76			
April 05/08	7	7.98	0.9	0.007					1.51	64			
May 17/08	17	7.81	1.3	0.016					3.4				
>>see comments									*Diluted x 4 Act.Readng=0.9				
Aug 16/08	14	7.95	1.3	0.015					0.54				
Nov 15/08	10	7.81	0.6	0.017					7.4				
Oct 17/09	8	7.73	0.5	0.003					16.4				
Average	10.00	7.86	1.45	0.011					5.575	70.000			

Mill Creek	Turbidity	pH	Nitrate	Nitrite				Ammonia	Phosphate mg/L	Sulfate	Copper	Iron	Barium
Fox River Trail													
Nov 17/07	8	7.73	3.7	0.016					8.2	75			

April 05/08	10	8.12	0.9	0.010					1.72				
>>see comments									comments: Phosphate testing inconsistent/questionable result. Sample				
May 17/08	9	8.05	1.3	0.012					2.41				
Aug 16/08	8	7.96	0.4	0.010					0.18				
Nov 15/08	7	7.93	0.8	0.019					2.4				
Oct 17/09	9	7.80	0.3	0.006					13.0				
Average	8.50	7.93	1.23	0.012					4.65	75.00			

Indian Creek	Turbidity, FTU mg/L	pH	Nitrate mg/L	Nitrite N, mg/L				Ammonia	Phosphate mg/L	Sulfate SO ₄ ²⁻ r	Copper	Iron	Barium
Headwater													
June 18/05	8	7.96	0.0					0	1.65				
July 16/05	57	8.36	1.2					0.03	0.7				
May 13/06	17	7.37	2.0	0.009					2.3	60			
Aug 19/06	No Flow	No Flow	No Flow	No Flow					No Flow	No Flow	No Flow	No Flow	
Nov 29/06	No Sample	No Sample	No Sample	No Sample				No Sample	No Sample	No Sample	No Samp	No Sample	
Feb 24/07	No Sample	No Sample	No Sample	No Sample				No Sample	No Sample	No Sample	No Samp	No Sample	
May 19/07	14	8.07	0.0	0.000					2.5				
Aug 18/07 - Dry, no sample	no sample	no sample	no sample	no sample					no sample				
Nov 17/07	no sample	no sample	no sample	no sample					no sample				
April 05/08	3	7.32	-0.1	0.001					2.16	32			
May 17/08 (Fermi)	7	7.46	-0.2	-0.002					2.01				
Aug 16/08	no sample	No Sample	No Sample	No Sample					No Sample				
Nov 15/08	0	6.97	0.2	no test					10.7				
Oct 17/09	0	7.07	0.0	0.000	65	2	1		10.0				
Average	13.250	7.573	0.388	0.002	65	2	1	0.015	4.003	46.000			

Indian Creek	Turbidity	pH	Nitrate	Nitrite	Total Coliform	Coliform E.Coli	Coliform Other	Ammonia	Phosphate mg/L	Sulfate	Copper	Iron	Barium
Bilster Road													
June 18/05	54	8.55	1.4					0.01	1.08				
July 16/05	51	8.22	1.4					0.04	0.33				
May 13/06	16	8.03	2	0.08					1.42	76			
Aug 19/06	45	7.53	0.3	0.015					1.78	42	0.05	0.53	
Nov 29/06	8	7.23	1.2	0.011					0.94	70	0		2
Feb 24/07	18	7.34	1.4	0.01					1.79				
May 19/07	14	8.98	0.7	0.008					2.5				
Aug 18/07	10	7.64	0.6	0.023					0.16				
Nov 17/07	58	7.58	12.8	0.055					11.8	OR high			
April 05/08	42	7.86	1.9	0.033					0.16				

>>see comments															comments: Phosphate results questionable - Original sample
May 17/08	40	7.97	2.0	0.029						6.0					
>> see comments															Comments: Diluted x 4
Aug 16/08	10	7.91	0.6	0.011						1.51					
Nov 15/08	27	7.71	0.9	no test						3.3					
Oct 17/09	10	7.6	0.0	0.002						11.3					
Average	28.79	7.87	1.94	0.025					0.03	3.15	62.67	0.03	0.53	2.00	

Indian Creek Butterfield Rd	Turbidity	pH	Nitrate	Nitrite	Total Coliform	Coliform E.Coli	Coliform Other	Ammonia	Phosphate mg/L	Sulfate	Copper	Iron	Barium	
Nov 17/07	29	8.12	4.2	0.019					4.7	76				
April 05/08	30	7.86	1.8	0.03					1.32					
>> see comments														comments: Phosphate results questionable - Original sample required dilution. Diluted by factor of 4. Actual
May 17/08	29	8.24	2.1	0.036					6.4					
>> see comments														Comments: Diluted x 4. Act.Rea
Aug 16/08	22	8.73	1.1	0.015					0.11					
Nov 15/08	31	7.66	0.8	0.025					6.0					
Oct 17/09-no sample														
Average	28.20	8.12	2.00	0.025					3.71	76.00				

Indian Creek I-88	Turbidity	pH	Nitrate	Nitrite	Total Coliform	Coliform E.Coli	Coliform Other	Ammonia	Phosphate mg/L	Sulfate	Copper	Iron	Barium	
June 18/05	28	8.27	0.9					0	2.30					
July 16/05	3	7.75	0					0.04	1.27					
May 13/06	18	8.07	4.4	0.065					0.28	70				
Aug 19/06	16	7.45	0.3	0.007					0.8	15	0	0.24		
Nov 29/06	3	7.28	0.4	0.009					0.76	73	0.01		3	
Feb 24/07	15	7.44	1.1	0.016					2.14	69				
May 19/07	2	8.32	0.6	0					2.5					
Aug 18/07	10	8.1	0.2	0.011					66.4					
Nov 17/07	38	7.71	10.4	0.039					7.5	69				
April 05/08	28	7.82	0.9	0.020					0.84					
>> see comments														comments: Phosphate results questionable - Original sample required dilution.
May 17/08	18	7.95	3.3	0.024					6.1					
>> see comments														Comments: diluted x 4. Act.Rea
Aug 16/08	5	8.15	0.3	0.004					0.09					

Nov 15/08	43	7.72	1.5	0.039					7.4				
Oct 17/09	8	7.64	0.0	0.002					10.8				
Average	16.79	7.83	1.74	0.020				0.02	7.80	59.20	0.01	0.24	3.00

Indian Creek	Turbidity	pH	Nitrate	Nitrite	Total Coliform	Coliform E.Coli	Coliform Other	Ammonia	Phosphate mg/L	Sulfate	Copper	Iron	Barium
Rural St													
Feb 24/07	4	7.44	1.1	0.014					1.73				
May 19/07	9	8.3	0.2	0.004					OR				
Aug 18/07 - no sample		no sample	no sample	no sample					no sample				
Nov 17/07	1	7.96	3	0.006					4.9	66			
April 05/08	8	8.46	0.2	0.009					0.76				
>> see comments									comments: Phosphate results questionable - Original sample				
May 17/08	12	8.19	0.4	0.009					7.2				
>> see comments									comments: Diluted x 4. Act.Reac				
Aug 16/08	5	8.11	0.4	0.012					0.00				
Nov 15/08	7	7.57	0.4	no test					5.30				
Oct 17/09-no sample													
Average	6.57	8.00	0.81	0.009					3.32	66.00			

Indian Creek	Turbidity	pH	Nitrate	Nitrite	Total Coliform	Coliform E.Coli	Coliform Other	Ammonia	Phosphate mg/L	Sulfate	Copper	Iron	Barium
Farnsworth (RR)													
Feb 24/07	7	7.37	1	0.013					3.56				
May 19/07	18	8.02	0.3	0					OR				
Aug 18/07 - no sample		no sample	no sample	no sample					no sample				
Nov 17/07	2	8.01	2.7	0.005					5.5	73			
April 05/08	11	8.38	0.1	0.009					1.68				
>> see comments									questionable - Original sample required dilution. Diluted by factor of 4. Actual Reading $0.42 * 4 = 1.68$				
May 17/08	11	8.14	0.4	0.009					6.7				
>> see comments									comments: diluted x 4. Act.Reac				
Aug 16/08	4	8.12	0.4	0.008					0.05				
Nov 15/08	9	7.72	0.5	0.016					5.3				
Oct 17/09-no sample													
Average	8.86	7.97	0.77	0.009					3.80	73.00			

Indian Creek	Turbidity	pH	Nitrate	Nitrite	Total Coliform	Coliform E.Coli	Coliform Other	Ammonia	Phosphate mg/L	Sulfate	Copper	Iron	Barium
Mouth													
June 18/05	0	7.93	0.2					0	0.16				
July 16/05	0	7.78	0					0.02	7.60				
May 13/06	14	7.88	3.8	0.006					0.59	64			
Aug 19/06	52	7.64	0.3	0.039					1.78	Not Tested	0	0.13	
Nov 29/06	45	8.07	0.2	0.004					38.07	75	0.02		3
Feb 24/07	6	7.38	0.9	0.011					0.76	70			
May 19/07	0	7.9	0.5	0					2.50				
Aug 18/07	0	7.88	NC	0.010					66.80				
Nov 17/07	1	7.81	2.6	0.006					8.10	76			
April 05/08	12	8.06	0.2	0.009					3.24	68			
>> see comments									Comments: Phosphate diluted by factor of 4. All other Indian				
May 17/08 no sample	no sample	no sample	no sample	no sample					no sample				
Aug 16/08	4	8.05	0.2	0.001					0.00				
Nov 15/08	7	7.58	0.3	0.009					13.00				
Oct 17/09	0	7.79	0.0	0.000	169	11	0		15.50				
Average	10.85	7.83	0.77	0.01	169	11	0	0.01	12.16	70.60			

Waubonsee Creek	Turbidity, FTU mg/L	pH	Nitrate mg/L	Nitrite N, mg/L	Total Coliform	Coliform E.Coli	Coliform Other	Ammonia	Phosphate mg/L	Sulfate SO ₄ ²⁻	Copper	Iron	Barium
Hill													
May 19/07	10	7.42	0.3	0.026					1.12				
Aug 18/07 - no sample	no sample	no sample	no sample	no sample					no sample				
Nov 17/07	6	7.98	3.6	0.015					3.9	76			
April 05/08	22	7.96	0.4	0.010					1.53	70			
May 17/08	28	7.84	0.7	0.015					0.26				
Aug 16/08	13	7.76	0.4	0.018					0.14				
Nov 15/08	18	7.77	0.3	0.019					4.6				
Oct 17/09-no sample													
Average	16.17	7.79	0.95	0.017					1.93	73.00			

Waubonsee Creek	Turbidity	pH	Nitrate	Nitrite	Total Coliform	Coliform E.Coli	Coliform Other	Ammonia	Phosphate mg/L	Sulfate	Copper	Iron	Barium
Douglas													
May 19/07	17	7.75	0.2	0.014					>2.50				
Aug 18/07 - no sample	no sample	no sample	no sample	no sample					no sample				

Nov 17/07	18	7.7	4.9	0.015					5.90	75			
April 05/08	24	7.95	0.4	0.016					1.96				
May 17/08	26	7.95	0.7	0.013					0.68				
Aug 16/08	10	7.93	0.5	0.014					0.18				
Nov 15/08	no sample	no sample	no sample	no sample					no sample				
Oct 17/09-no sample													
Average	19.00	7.86	1.34	0.014					2.18	75.00			

Waubonsee Creek	Turbidity	pH	Nitrate	Nitrite	Total Coliform	Coliform E.Coli	Coliform Other	Ammonia	Phosphate	Sulfate	Copper	Iron	Barium
Hudson Crossing													
May 19/07	11	7.61	0.7	0					>2.50				
Aug 18/07 - no sample	no sample	no sample	no sample	no sample					no sample				
Nov 17/07	16	7.72	6.2	0.019					5.10	71			
April 05/08	22	8.09	0.7	0.023					0.53				
May 17/08	24	8.01	1.8	0.030					1.70				
>> see comments									Comments: diluted x 4. Act.Readng=0.4 Estimate problem with sample/testing				
Aug 16/08	6	8.10	0.3	0.004					0.12				
Nov 15/08	9	7.89	0.3	0.02					4.00				
Oct 17/09	2	7.81	0.0	0.004					9.80				
Average	12.86	7.89	1.43	0.014					3.54	71.00			

Blackberry Creek	Turbidity, FTU mg/L	pH	Nitrate mg/L	Nitrite N, mg/L	Total Coliform	Coliform E.Coli	Coliform Other	Ammonia	Phosphate mg/L	Sulfate SO ₄ ²⁻	Copper	Iron	Barium
Concord													
May 19/07	18	7.93	1.4	0.015					>2.50				
Aug 18/07 - no sample	no sample	no sample	no sample	no sample					no sample				
Nov 17/07	13	7.74	4.4	0.012					2.60	75			
April 05/08	10	7.96	1.1	0.010					1.53	73			
May 17/08	22	8.01	1.7	0.021					2.2				
>> see comments									Comments: 1st reading OR, diluted x 4				
Aug 16/08	25	8.14	1.2	0.015					0.33				
Nov 15/08	12	7.92	0.6	0.015					3.0				
Oct 17/09	7	7.88	0.0	0.009					6.5				
Average	15.29	7.94	1.49	0.014					2.69	74.00			

Blackberry Creek	Turbidity	pH	Nitrate	Nitrite	Total Coliform	Coliform E.Coli	Coliform Other	Ammonia	Phosphate mg/L	Sulfate	Copper	Iron	Barium
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Bristol Ridge													
May 19/07	26	8.01	1.2	0.02					>2.50				
Aug 18/07 - no sample	no sample	no sample	no sample	no sample					no sample				
Nov 17/07	4	6.82	3.3	0.009					3.60	75			
April 05/08	9	8.13	1.2	0.009					1.76	73			
May 17/08	20	8.04	1.6	0.020					1.85				
Aug 16/08	17	8.17	0.7	0.012					0.39				
Nov 15/08	11	7.99	0.4	0.015					3.2				
Oct 17/09	3	7.94	0.0	0.001					11.4				
Average	12.86	7.87	1.20	0.012					3.70	74.00			

	Turbidity	pH	Nitrate	Nitrite	Total Coliform	Coliform E.Coli	Coliform Other	Ammonia	Phosphate mg/L	Sulfate	Copper	Iron	Barium
Blackberry Creek HRU Calibration Station													
Oct 17/09	12	7.65	0.6	0.016					17.80				
Average	12	7.65	0.60	0.016					17.80				

	Turbidity, FTU mg/L	pH	Nitrate mg/L	Nitrite N, mg/L	Total Coliform	Coliform E.Coli	Coliform Other	Ammonia	Phosphate mg/L	Sulfate S	Copper	Iron	Barium
Little Rock Creek Miller Rd													
April 05/08 (NEW)	8	8.00	6.4	0.024					2.20	53			
May 17/08	8	7.96	7.9	0.028					0.67				
Aug 16/08	2	8.18	1.4	0.008					0.48				
Nov 15/08	2	7.96	3.1	0.022					3.1				
Oct 17/09-no sample													
Average	5.00	8.03	4.70	0.02					1.61	53.00			

	Turbidity	pH	Nitrate	Nitrite	Total Coliform	Coliform E.Coli	Coliform Other	Ammonia	Phosphate mg/L	Sulfate	Copper	Iron	Barium
Little Rock Creek Galena Rd (NEW)													
April 05/08	10	7.97	6.6	0.023					5.24	52			
>> see comments									Comments: Phosphate. Original reading over range.				
May 17/08	9	7.92	6.9	0.023					5.00				
>> see comments									Comments: Diluted x 4. Act.Readng=1.3				
Aug 16/08	11	8.21	2.2	0.016					0.57				
Nov 15/08	7	7.96	3.7	0.024					5.00				
Oct 17/09-no sample													
Average	9.25	8.02	4.85	0.02					3.95	52.00			

Little Rock Creek	Turbidity	pH	Nitrate	Nitrite	Total Coliform	Coliform E.Coli	Coliform Other	Ammonia	Phosphate mg/L	Sulfate	Copper	Iron	Barium
River Road													
Oct 17/09	0	7.97	0.8	0.000	198	5	0		5.0				
Average	0	7.97	0.80	0.000	198	5	0		5.00				

Big Rock Creek	Turbidity	pH	Nitrate	Nitrite	Total Coliform	Coliform E.Coli	Coliform Other	Ammonia	Phosphate mg/L	Sulfate	Copper	Iron	Barium
River Road													
Oct 17/09	0	7.87	2.4	0.000	117	6	0		9.1				
Average	0	7.87	2.40	0.000	117	6	0		9.10				

No notes prior to May 17, 2008

May 17/08	Weather	Temperature: Sunny 65 degrees F. Yesterday, Sunny, High 70 F. Rainy, Cool Spring
	Notes:	<p>Indian creek: Bilter & Butterfield - a lot of construction on Farnsworth North of I88 thru just north of Butterfield</p> <p>Waubansee - Douglas - construction in area (road being widened) downstream</p> <p>Mill-Randle field turbidity of 20, Mill-Fox River Trail field turbidity of 31</p> <p>Indian Bilter - appreciable amount of sediment in sample</p> <p>Indian Butterfield - significant sand in bottom of sample but Indian I88 does not</p> <p>Indian Rural - almost no sand in sample, Indian after rural tiny bit of sand in sample</p> <p>Blackberry-Concord has considerable sand in bottom of sample</p> <p>Blackberry - Bristol has considerable sand in bottom of sample</p> <p>Blackberry - Concord - large number of birds under bridge</p>
Aug 16/08	Weather	Temperature: Sunny 80 degrees F. Yesterday, Sunny upper 70s. Early in week rainy. Cool summer in the mid-70 to mid-80 degree range
	Notes:	<p>Indian creek: Bilter & Butterfield - a lot of construction on Farnsworth North of I88 thru just north of Butterfield</p> <p>Waubansee - Douglas - construction in area (road being widened) - Silt fencing up</p> <p>Phosphate Notes: Indian creek - able to visually see in the test results, despite OR for non-diluted, that the phosphates are increasing as you move downstream</p> <p>Mill Creek samples - "fair" amount of settleable sediment</p> <p>Indian Creek - Butterfield - heavy sediment</p> <p>Indian Creek - Rural - some sediment</p> <p>Indian RR - settleable sediment</p> <p>Indian Mouth - no sediment</p> <p>Blackberry - Concord - heavy sediment</p> <p>Blackerry - Bristol Ridge - light sediment</p> <p>Little Rock - no sediment in either samples</p> <p>Issue discovered with Distilled Water (contaminated) used in testing procedures. Replaced distilled water.</p>
Nov 15/08	Weather	Weather: Rainy Wed-Friday. Temp range mid 40s - mid 50s. Sat.(testing day) 35° F
	Notes:	<p>Waubansee Creek - Douglas = under construction - no sample taken</p> <p>Phosphate program 482, #8114</p>

Oct 17/09	Weather	Previous week rainy & cool (lows in lower 30s, highs in mid to low 40s). Oct. 17 = partial sunshine, low 32, high 50, Temperature when collecting samples between 30 & 40 degrees F.
	Notes:	Distilled water not completely clean -- used tap water for Nitrate zero Coliform is reported above as the number of bacteria in 1 ml of water. Presumably, there would be 1000 times as many in 1 liter of water. It looks pretty obvious that by the time the water gets to the mouth of the creek, lots of wildlife have encountered it.

