

City of Fort Wayne
River Survey 2006
St. Joseph River @ Mayhew Road

Wk	Date	Depth(ft)	pH	DO	Temp(F)	ECOLI	NH3-N	PHOS	TSS
1	04/03/06	4.13	7.28	11.45	49.97	613	0.05	0.15	72
2	04/10/06	3.23	7.32	10.99	50.65	88	0.05	0.15	38
3	04/17/06	3.16	7.46	10.34	57.11	579	0.05	0.13	62
4	04/24/06	2.63	7.65	9.46	58.95	100	0.05	0.03	45
5	05/01/06	1.55	7.27	9.88	56.71	124	0.05	0.15	31
6	05/08/06	1.72	7.87	9.64	60.75	63	0.05	0.62	32
7	05/15/06	8.32	7.30	10.17	52.50	1986	0.22	0.18	70
8	05/22/06	5.47	7.29	9.85	56.48	126	0.05	0.15	62
9	05/30/06	3.43	7.80	8.48	73.52	54	0.05	0.03	31
10	06/05/06	3.54	7.10	8.53	67.62	104	0.05	0.03	56
11	06/12/06	3.46	7.42	8.41	65.86	105	0.05	0.23	21
12	06/19/06	1.91	7.43	6.53	71.57	36	0.05	0.12	27
13	06/26/06	3.81	6.81	9.46	73.64	108	0.05	0.23	63
14	07/06/06	2.80	7.80	9.16	72.12	72	0.05	0.29	47
15	07/10/06	3.56	7.47	7.11	74.15	112	0.05	0.41	80
16	07/17/06	6.16	6.90	7.28	75.22	238	0.05	0.28	122
17	07/24/06	3.61	7.40	7.31	74.27	71	0.05	0.12	20
18	07/31/06	5.68	7.24	7.45	76.31	387	0.05	0.21	63
19	08/07/06	3.67	6.93	7.09	77.93	345	0.05	0.25	56
20	08/14/06	2.45	7.52	7.03	71.91	62	0.05	0.30	31
21	08/21/06	2.23	7.91	6.70	71.53	99	0.05	0.14	38
22	08/28/06	2.19	7.65	6.21	74.56	172	0.05	0.29	40
23	09/05/06	2.77	7.13	8.17	66.40	219	0.05	0.17	33
24	09/11/06	2.91	7.26	7.39	65.82	50	0.05	0.18	21
25	09/18/06	2.61	7.68	7.16	68.00	206	0.05	0.11	30
26	09/26/06	2.43	7.63	10.63	59.58	485	0.05	0.16	54
27	10/02/06	2.16	7.27	9.07	58.51	2420	0.05	0.21	38
28	10/09/06	2.15	6.75	9.49	57.25	145	0.05	0.37	36
29	10/16/06	3.02	6.76	7.91	48.45	159	0.30	0.91	856/59
30	10/23/06	3.03	6.61	9.60	48.50	145	0.05	0.33	82
	Max.	8.32	7.91	11.45	77.93	2420	0.30	0.91	122
	Min.	1.55	6.61	6.21	48.45	36	0.05	0.03	20
	Avg.	3.33	7.33	8.60	64.53	316	0.06	0.23	49

DO = Dissolved Oxygen mg/l, E.Coli = colonies per 100 mls (yellow indicates >235)

NH3-N = Ammonia Nitrogen mg/l, PHOS = Total Phosphorus mg/l

TSS = Total Suspended Solids mg/l

Original TSS value of 856 mg/l on 10/16/06 was caused by short-term maintenance at the Cedarville Dam.

TSS value of 59 mg/l (average of 10/09/06 and 10/23/06) was used for Max., Min., and Avg. calculations.

City of Fort Wayne
River Survey 2006
St. Joseph River @ Tennessee Street

Wk	Date	Depth(ft)	pH	DO	Temp(F)	ECOLI	NH3-N	PHOS	TSS
1	04/03/06	11.56	7.25	12.19	50.28	517	0.05	0.05	30
2	04/10/06	10.66	7.43	11.51	51.09	70	0.05	0.11	42
3	04/17/06	12.9	7.48	10.40	60.07	866	0.05	0.10	28
4	04/24/06	9.92	7.51	9.69	60.61	100	0.05	0.14	37
5	05/01/06	8.48	7.43	9.67	57.68	308	0.05	0.18	28
6	05/08/06	9.32	8.07	10.45	62.44	45	0.05	0.31	28
7	05/15/06	13.97	7.38	10.60	52.80	687	0.24	0.29	54
8	05/22/06	12.78	7.47	10.28	59.29	86	0.05	0.12	46
9	05/30/06	11.02	7.99	9.65	73.64	86	0.05	0.03	21
10	06/05/06	11.14	7.21	8.80	68.74	184	0.05	0.06	28
11	06/12/06	10.97	7.49	8.65	67.46	126	0.05	0.06	20
12	06/19/06	10.81	7.61	6.84	73.81	228	0.05	0.90	16
13	06/26/06	11.54	7.28	7.51	74.57	122	0.05	0.19	34
14	07/06/06	10.89	7.91	9.88	73.45	66	0.05	0.25	31
15	07/10/06	11.48	7.36	7.53	74.55	45	0.05	0.10	42
16	07/17/06	12.56	7.12	8.16	76.76	372	0.05	0.21	59
17	07/24/06	10.19	7.56	7.48	75.88	96	0.05	0.14	24
18	07/31/06	11.35	7.49	7.74	78.00	488	0.05	0.19	35
19	08/07/06	8.29	7.19	7.10	78.86	81	0.05	0.16	40
20	08/14/06	5.24	7.84	6.66	73.73	58	0.05	0.21	27
21	08/21/06	6.92	7.91	7.37	73.73	365	0.05	0.13	18
22	08/28/06	4.19	7.67	6.27	75.03	240	0.05	0.09	33
23	09/05/06	6.50	7.27	8.64	69.15	133	0.05	0.08	23
24	09/11/06	5.62	7.53	8.96	67.34	201	0.05	0.16	35
25	09/18/06	7.61	7.60	8.06	68.09	3000	0.05	0.10	36
26	09/26/06	10.75	7.80	11.27	61.14	261	0.05	0.10	31
27	10/02/06	11.48	7.50	10.99	60.40	2420	0.05	0.16	29
28	10/09/06	11.13	7.17	9.58	57.94	205	0.05	0.62	34
29	10/16/06	11.44	7.08	11.55	49.70	411	0.05	0.15	52
30	10/23/06	12.30	6.87	11.03	49.20	36	0.05	0.19	46
	Max.	13.97	8.07	12.19	78.86	3000	0.24	0.90	59
	Min.	4.19	6.87	6.27	49.20	36	0.05	0.03	16
	Avg.	10.10	7.48	9.15	65.85	397	0.06	0.18	34

DO = Dissolved Oxygen mg/l, E.Coli = colonies per 100 mls (yellow indicates >235)

NH3-N = Ammonia Nitrogen mg/l, PHOS = Total Phosphorus mg/l

TSS = Total Suspended Solids mg/l

City of Fort Wayne
River Survey 2006
St. Marys River @ Ferguson Road

Wk	Date	Depth(ft)	pH	DO	Temp(F)	ECOLI	NH3-N	PHOS	TSS
1	04/03/06	6.29	7.23	10.85	49.14	2490	0.21	0.71	352
2	04/10/06	2.67	7.37	10.75	50.20	167	0.05	0.18	58
3	04/17/06	10.09	7.17	8.79	55.47	5730	0.20	0.60	236
4	04/24/06	3.04	7.35	8.49	59.85	100	0.05	0.26	56
5	05/01/06	1.46	7.66	12.93	56.51	120	0.05	1.05	46
6	05/08/06	1.87	7.82	10.77	59.91	112	0.05	0.35	36
7	05/15/06	7.90	7.24	9.27	52.85	2420	0.31	0.42	99
8	05/22/06	3.89	7.36	9.15	57.68	276	0.05	0.33	99
9	05/30/06	3.53	7.52	6.63	71.24	980	0.15	0.31	150
10	06/05/06	3.96	7.14	7.51	66.27	727	0.05	0.35	108
11	06/12/06	3.78	7.37	7.58	63.31	2420	0.37	0.37	116
12	06/19/06	1.53	7.60	9.16	71.64	210	0.05	0.21	41
13	06/26/06	2.08	7.29	8.00	72.30	236	0.05	0.32	66
14	07/06/06	1.08	7.87	12.78	71.37	125	0.05	0.42	50
15	07/10/06	0.98	7.60	8.01	74.66	194	0.05	0.33	138
16	07/17/06	3.78	6.94	5.69	78.12	517	0.05	0.41	130
17	07/24/06	1.44	7.47	9.09	75.45	111	0.05	0.21	44
18	07/31/06	2.22	7.21	5.75	79.02	231	0.05	0.39	108
19	08/07/06	1.49	6.86	6.78	77.88	105	0.05	0.40	72
20	08/14/06	0.86	7.57	9.60	72.51	43	0.05	0.46	59
21	08/21/06	0.46	8.22	9.85	73.61	71	0.05	0.40	46
22	08/28/06	1.72	7.54	6.65	74.33	299	0.05	0.09	92
23	09/05/06	1.17	7.14	7.58	66.38	249	0.05	0.32	68
24	09/11/06	1.03	7.39	8.86	64.53	236	0.05	0.23	37
25	09/18/06	1.43	7.61	8.25	67.46	4430	0.05	0.29	75
26	09/26/06	1.18	7.62	12.66	58.84	345	0.05	0.31	52
27	10/02/06	1.44	7.09	9.33	57.47	2420	0.05	0.39	47
28	10/09/06	2.00	6.99	9.02	55.81	387	0.05	1.05	56
29	10/16/06	1.12	7.11	9.72	48.30	76	0.05	0.45	30
30	10/23/06	5.70	6.72	8.03	50.00	214	0.05	0.58	45
	Max.	10.09	8.22	12.93	79.02	5730	0.37	1.05	352
	Min.	0.46	6.72	5.69	48.30	43	0.05	0.09	30
	Avg.	2.71	7.37	8.92	64.40	868	0.08	0.41	87

DO = Dissolved Oxygen mg/l, E.Coli = colonies per 100 mls (yellow indicates >235)

NH3-N = Ammonia Nitrogen mg/l, PHOS = Total Phosphorus mg/l

TSS = Total Suspended Solids mg/l

City of Fort Wayne
River Survey 2006
St. Marys River @ Spy Run Avenue

Wk	Date	Depth(ft)	pH	DO	Temp(F)	ECOLI	NH3-N	PHOS	TSS
1	04/03/06	9.24	7.07	10.46	49.92	11530	0.29	0.68	368
2	04/10/06	8.15	7.37	10.77	52.64	201	0.05	0.21	56
3	04/17/06	11.04	6.80	8.11	56.60	16160	0.20	0.70	312
4	04/24/06	7.84	7.07	8.10	60.17	100	0.05	0.21	60
5	05/01/06	6.36	7.32	12.77	56.16	4080	0.35	0.58	53
6	05/08/06	8.91	7.88	13.21	61.33	99	0.05	0.33	40
7	05/15/06	11.71	7.35	9.38	53.08	6400	0.33	0.34	194
8	05/22/06	10.19	7.22	8.95	57.23	166	0.05	0.28	92
9	05/30/06	8.66	7.66	6.77	72.06	816	0.05	0.11	70
10	06/05/06	8.92	7.12	7.03	65.70	866	0.05	0.25	105
11	06/12/06	8.47	7.29	7.61	63.47	1553	0.38	0.62	120
12	06/19/06	9.16	7.56	7.43	73.54	758	0.05	0.21	40
13	06/26/06	9.18	7.19	5.88	73.15	365	0.15	0.30	54
14	07/06/06	8.78	7.92	13.61	74.09	210	0.05	0.23	37
15	07/10/06	9.18	7.18	12.11	76.15	88	0.05	0.10	66
16	07/17/06	10.49	6.92	5.94	78.88	548	0.05	0.28	65
17	07/24/06	8.33	7.06	6.07	75.65	488	0.05	0.31	63
18	07/31/06	9.16	7.21	6.03	79.15	548	0.05	0.33	48
19	08/07/06	5.99	6.58	5.92	78.97	649	0.05	0.36	100
20	08/14/06	3.46	7.53	5.84	72.96	228	0.05	0.34	61
21	08/21/06	4.56	7.62	3.60	74.48	613	0.20	0.30	35
22	08/28/06	4.60	7.45	4.10	75.35	1986	0.05	0.13	60
23	09/05/06	4.58	7.11	5.52	67.42	1414	0.15	0.34	99
24	09/11/06	3.70	7.27	6.17	67.16	435	0.13	0.30	80
25	09/18/06	5.05	7.34	6.82	68.47	81640	0.20	0.28	62
26	09/26/06	8.57	7.69	11.86	61.45	816	0.05	0.21	38
27	10/02/06	9.05	7.32	12.77	59.47	2420	0.05	0.29	20
28	10/09/06	8.87	7.17	9.95	57.11	261	0.05	0.11	30
29	10/16/06	9.24	7.11	7.85	49.00	82	0.05	0.25	8
30	10/23/06	9.85	6.74	8.17	49.90	248	0.05	0.54	52
	Max.	11.71	7.88	13.61	79.15	81640	0.38	0.70	368
	Min.	3.46	6.58	3.60	49.00	82	0.05	0.10	8
	Avg.	8.04	7.27	8.29	65.36	4526	0.11	0.32	83

DO = Dissolved Oxygen mg/l, E.Coli = colonies per 100 mls (yellow indicates >235)

NH3-N = Ammonia Nitrogen mg/l, PHOS = Total Phosphorus mg/l

TSS = Total Suspended Solids mg/l

Low DOs are associated with oil in groundwater from the NIPSCO site on Superior Street.

City of Fort Wayne
River Survey 2006
Maumee River @ Anthony Boulevard

Wk	Date	Depth(ft)	pH	DO	Temp(F)	ECOLI	NH3-N	PHOS	TSS
1	04/03/06	5.01	7.03	11.84	50.29	8690	0.17	0.37	200
2	04/10/06	3.17	7.08	11.24	51.83	107	0.05	0.18	50
3	04/17/06	9.69	6.69	9.23	57.67	12740	0.20	0.64	290
4	04/24/06	3.01	6.88	8.97	61.22	100	0.05	0.20	52
5	05/01/06	1.67	7.26	10.82	57.40	1986	0.05	0.20	46
6	05/08/06	1.63	7.72	11.27	62.71	55	0.05	0.33	36
7	05/15/06	10.97	7.29	10.40	53.00	3495	0.29	0.21	77
8	05/22/06	6.04	7.12	10.74	58.88	122	0.05	0.20	97
9	05/30/06	3.69	7.81	8.30	72.91	649	0.05	0.03	40
10	06/05/06	4.15	7.09	8.29	67.63	579	0.05	0.19	79
11	06/12/06	3.39	7.33	8.65	65.20	613	0.15	0.17	65
12	06/19/06	1.74	7.42	8.35	73.79	649	0.05	0.14	35
13	06/26/06	2.18	7.53	8.30	75.48	248	0.05	0.23	52
14	07/06/06	1.53	7.67	10.00	73.94	99	0.05	0.21	30
15	07/10/06	1.79	6.84	8.03	75.21	70	0.05	0.16	49
16	07/17/06	6.32	7.10	8.59	77.59	435	0.05	0.20	61
17	07/24/06	2.91	7.10	7.76	76.55	172	0.05	0.23	57
18	07/31/06	4.05	7.45	7.47	78.03	378	0.05	0.23	57
19	08/07/06	2.09	6.62	6.54	78.97	172	0.05	0.24	67
20	08/14/06	1.16	7.54	8.03	75.63	73	0.05	0.16	47
21	08/21/06	1.37	8.01	7.49	75.11	866	0.05	0.17	48
22	08/28/06	1.57	7.53	6.62	76.33	2420	0.05	0.17	50
23	09/05/06	1.20	7.19	7.23	67.40	816	0.05	0.28	67
24	09/11/06	0.66	7.21	7.70	68.46	345	0.05	0.15	54
25	09/18/06	1.16	7.23	8.11	69.19	15650	0.05	0.20	46
26	09/26/06	1.44	7.58	9.93	61.18	150	0.05	0.12	33
27	10/02/06	4.68	7.29	10.64	60.15	2420	0.05	0.30	28
28	10/09/06	1.95	7.36	10.24	57.88	210	0.05	0.10	44
29	10/16/06	4.38	7.00	11.80	48.10	152	0.05	0.12	50
30	10/23/06	5.58	6.48	10.71	49.90	249	0.05	0.47	59
	Max.	10.97	8.01	11.84	78.97	15650	0.29	0.64	290
	Min.	1.16	6.48	6.54	48.10	55	0.05	0.03	28
	Avg.	3.34	7.25	9.11	65.92	1824	0.07	0.22	66

DO = Dissolved Oxygen mg/l, E.Coli = colonies per 100 mls (yellow indicates >235)

NH3-N = Ammonia Nitrogen mg/l, PHOS = Total Phosphorus mg/l

TSS = Total Suspended Solids mg/l

City of Fort Wayne
River Survey 2006
Maumee River @ Landin Road

Wk	Date	Depth(ft)	pH	DO	Temp(F)	ECOLI	NH3-N	PHOS	TSS
1	04/03/06	9.34	7.31	10.90	50.66	14140	0.21	0.45	172
2	04/10/06	7.10	7.30	10.86	51.53	127	0.05	0.18	54
3	04/17/06	13.37	7.27	8.98	58.11	4200	0.20	0.66	298
4	04/24/06	7.07	7.53	8.99	61.23	100	0.05	0.20	54
5	05/01/06	5.84	7.34	10.68	57.85	1300	0.05	0.31	45
6	05/08/06	5.33	7.93	10.30	61.58	44	0.05	0.33	38
7	05/15/06	14.58	7.29	10.10	53.15	3310	0.34	0.31	136
8	05/22/06	9.66	7.43	10.26	58.96	127	0.05	0.24	89
9	05/30/06	7.57	7.74	8.15	72.93	118	0.05	0.07	43
10	06/05/06	7.94	7.16	8.10	68.32	687	0.05	0.15	82
11	06/12/06	7.41	7.41	8.19	65.70	727	0.05	0.47	60
12	06/19/06	5.84	7.56	6.94	72.51	272	0.05	0.19	36
13	06/26/06	6.53	7.31	7.19	74.24	225	0.05	0.03	45
14	07/06/06	4.81	7.57	8.00	72.14	119	0.11	0.32	30
15	07/10/06	5.55	7.25	6.78	75.61	60	0.05	0.31	47
16	07/17/06	9.81	7.05	7.78	78.31	308	0.05	0.27	78
17	07/24/06	6.54	7.27	7.37	75.35	142	0.05	0.22	42
18	07/31/06	8.06	7.29	7.06	78.41	435	0.05	0.24	54
19	08/07/06	6.02	6.98	6.73	79.33	161	0.05	0.25	59
20	08/14/06	4.63	7.37	6.52	74.36	130	0.05	0.19	43
21	08/21/06	5.07	7.81	6.07	74.34	365	0.05	0.22	33
22	08/28/06	5.45	7.47	5.10	75.26	2420	0.13	0.14	39
23	09/05/06	4.70	7.08	7.20	67.60	548	0.10	0.23	54
24	09/11/06	4.78	7.09	6.52	67.48	238	0.10	0.23	36
25	09/18/06	5.32	7.42	7.65	69.13	2420	0.05	0.22	45
26	09/26/06	5.14	7.56	10.32	60.87	261	0.05	0.17	45
27	10/02/06	5.25	7.09	9.12	61.59	2420	0.05	0.28	38
28	10/09/06	5.60	6.87	9.51	57.85	194	0.05	1.17	44
29	10/16/06	7.77	7.29	11.65	48.90	313	0.05	0.16	70
30	10/23/06	9.15	6.70	10.51	50.10	236	0.05	0.44	65
Max.		14.58	7.93	10.90	79.33	14140	0.34	1.17	298
Min.		4.63	6.70	5.10	48.90	44	0.05	0.03	30
Avg.		7.04	7.32	8.45	65.78	1205	0.08	0.29	66

DO = Dissolved Oxygen mg/l, E.Coli = colonies per 100 mls (yellow indicates >235)

NH3-N = Ammonia Nitrogen mg/l, PHOS = Total Phosphorus mg/l

TSS = Total Suspended Solids mg/l