

Division of Surface Water

Appendices to:

Biological and Water Quality Study of the Blanchard River

Putnam, Hancock, Seneca, Allen, Wyandot, and
Hardin Counties, OH



June 28, 2007

Ted Strickland, Governor
Chris Korleski, Director

Biological and Water Quality Study
of the Blanchard River and
Selected Tributaries
2005

Putnam, Hancock, Seneca, Allen, Wyandot, and Hardin Counties, OH

June 28, 2007
OEPA Technical Report EAS/2007-6-2

Prepared by

State of Ohio Environmental Protection Agency
Division of Surface Water
Lazarus Government Center
50 West Town Street, Columbus OH 43215
Mail to:
P.O. Box 1049, Columbus OH 43216-1049

Ted Strickland,
Governor, State of Ohio
Chris Korleski
Director, Ohio Environmental Protection Agency

Table of Contents

Appendix Table A-1. Conventional chemical/physical water quality summaries for locations sampled in the 2005 Blanchard River study area.

Appendix Table A-2. Macroinvertebrate collection summary for locations in the Blanchard River study area, 2005.

Appendix Table A-3. Total catch summaries for fish sampling locations in the Blanchard River study area, 2005

Appendix Table A-1.

Conventional chemical/physical
water quality summaries
for locations sampled in the
2005 Blanchard River study area.

HUC 04100008 010 - BLANCHARD RIVER (headwaters to downstream Potato Run)

DATE	Temp	D.O.	D.O.	Sat. pH	Field pH	Lab	Flow	Gage	Conduct.	Conduct.	Secchi	Acidity	Alkalinity	E.coli
	P10 C	P299 mg/L	P301 %	P400 S.U.	P403 S.U.	P61 cfs	P65 feet	Field P94 umhos/cm	@ 25C P95 umhos/cm	Depth meters	P70508 mg/L	P410 mg/L	P31648 #/100ml	
BLANCHARD RIVER														
Blanchard R at CR 80 (P05K14) - RM 101.03														
6/13/2005	26.8	12.4	155.0	8.25					666			<5.0	214	
6/27/2005	22.1	9.0	103.2	8.05					627			<5.0	188	
7/6/2005														
7/11/2005	18.4	8.1	85.7	7.75					632			<5.0	189	
7/20/2005														
7/25/2005	24.9	5.7	69.0	7.78					631			<5.0	201	
8/8/2005	20.2	6.4	70.9	7.49					606			<5.0	192	
8/22/2005	18.0	7.0	74.4	7.82					635			<5.0	186	
Blanchard R at TR 165 - north crossing (P05K15) - RM 100.05														
6/13/2005	25.5	12.4	151.4	8.28					663			<5.0	190	
6/27/2005	23.7	6.4	75.7	7.88					580			<5.0	171	
7/6/2005														
7/11/2005	21.0	4.9	54.8	7.66					676			<5.0	153	
7/20/2005														
7/25/2005	26.8	5.2	65.5	7.76					652			<5.0	174	
8/8/2005	22.4	4.2	48.8	7.30					656			5.0	130	
8/22/2005	20.6	6.6	73.6	8.02					688			<5.0	124	
Blanchard R at TR 56 (Musgrave Rd) (P05S06) - RM 97.42														
6/13/2005	26.0	12.8	158.0	8.30					794			<5.0	159	
6/27/2005	25.7	5.9	72.6	7.84					647			<5.0	147	
7/6/2005														
7/11/2005	22.9	4.5	52.6	7.78					766			<5.0	140	
7/20/2005														
7/25/2005	26.6	5.7	70.6	7.82					1020			<5.0	149	
8/8/2005	23.9	5.4	64.1	7.26					950			<5.0	107	
8/22/2005	20.8	5.5	61.2	8.28					937			<5.0	131	
Blanchard R adj CR 183 (P05K01) - RM 95.60														
6/13/2005	26.0	13.8	170.3	8.10					806			<5.0	183	
6/27/2005	25.9	7.3	89.8	7.72					641			<5.0	151	
7/6/2005														
7/11/2005	21.4	7.0	79.1	8.05					790			<5.0	186	
7/20/2005														
7/25/2005	26.7	6.2	77.4	7.89					899			<5.0	152	
8/8/2005	22.4	4.8	55.5	7.22					988			<5.0	181	
8/22/2005	20.2	7.2	79.8	8.16					996			<5.0	186	
Blanchard R at Hardin/Hancock Co Line Rd (P05K02) - RM 88.27														
6/13/2005	24.0	8.5	99.5	7.79					794			<5.0	202	
6/27/2005	25.0	5.7	69.3	7.82					842			<5.0	183	
7/6/2005														
7/11/2005	22.2	6.4	73.5	7.96					824			5.0	168	
7/20/2005														
7/25/2005	26.7	5.7	71.4	7.97					638			<5.0	159	
8/8/2005	23.5	6.6	77.5	7.56					854			<5.0	183	
8/22/2005	21.8	6.6	75.0	8.08					900			<5.0	211	
Blanchard R at CR 150 (P05K16) - RM 82.10														
6/13/2005	24.4	8.3	99.3	7.79					795			<5.0	209	
6/27/2005	25.5	7.0	85.3	8.11					876			<5.0	198	
7/6/2005														
7/11/2005	22.9	7.6	88.2	8.10					700			<5.0	161	
7/20/2005														
7/25/2005	27.1	6.0	75.5	7.73					642			<5.0	131	
8/8/2005	23.5	7.3	86.2	7.85					717			<5.0	189	
8/22/2005	22.4	7.4	85.8	8.10					1690			<5.0	237	

DATE	Total Hardness P900 mg/L	Aluminum P1105 ug/L	Arsenic P1002 ug/L	Barium P1007 ug/L	Cadmium P1027 ug/L	Chromium P1034 ug/L	Copper P1042 ug/L	Iron P1045 ug/L	Lead P1051 ug/L	Manga- nese P1055 ug/L	Mercury P71900 ug/L	Nickel P1067 ug/L	Selenium P1147 ug/L	Strontium P1082 ug/L
BLANCHARD RIVER														
Blanchard R at CR 80 (P05K14) - RM 101.03														
6/13/2005	331	<200	<2.0	48	<0.20	<30	<10	255	<2.0	22	<0.20	<40	<2.0	1430
6/27/2005	318	<200	<2.0	49	<0.20	<30	<10	178	<2.0	27	<0.20	<40	<2.0	1140
7/6/2005														
7/11/2005	302	<200	2.2	44	<0.20	<30	<10	444	<2.0	73	<0.20	<40	<2.0	1160
7/20/2005														
7/25/2005	296	269	2.9	52	<0.20	<30	<10	796	<2.0	167	<0.20	<40	<2.0	1210
8/8/2005	256	<200	3.3	43	<0.20	<30	<10	652	<2.0	109	<0.20	<40	<2.0	972
8/22/2005	283	838	2.3	52	<0.20	<30	<10	1710	<2.0	155	<0.20	<40	<2.0	1380
Blanchard R at TR 165 - north crossing (P05K15) - RM 100.05														
6/13/2005	308	<200	2.4	53	<0.20	<30	<10	282	<2.0	27	<0.20	<40	<2.0	2250
6/27/2005	284	<200	<2.0	56	<0.20	<30	<10	368	<2.0	57	<0.20	<40	<2.0	1930
7/6/2005														
7/11/2005	294	302	4.2	57	<0.20	<30	<10	797	<2.0	355	<0.20	<40	<2.0	3210
7/20/2005														
7/25/2005	289	<200	5.0	63	<0.20	<30	<10	706	<2.0	390	<0.20	<40	<2.0	3340
8/8/2005	241	<200	4.6	53	<0.20	<30	<10	853	<2.0	365	<0.20	<40	<2.0	3420
8/22/2005	265	268	4.2	46	<0.20	<30	<10	683	<2.0	210	<0.20	<40	<2.0	3700
Blanchard R at TR 56 (Musgrave Rd) (P05S06) - RM 97.42														
6/13/2005	370	<200	2.3	52	<0.20	<30	<10	182	<2.0	26	<0.20	<40	<2.0	4930
6/27/2005	287	<200	2.9	55	<0.20	<30	<10	458	<2.0	106	<0.20	<40	<2.0	3700
7/6/2005														
7/11/2005	320	<200	5.3	51	<0.20	<30	<10	474	<2.0	268	<0.20	<40	<2.0	5450
7/20/2005														
7/25/2005	514	<200	2.5	61	<0.20	<30	<10	262	<2.0	100	<0.20	<40	<2.0	5640
8/8/2005	407	<200	3.4	51	<0.20	<30	<10	402	<2.0	154	<0.20	<40	<2.0	5540
8/22/2005	410	213	4.6	52	<0.20	<30	<10	512	<2.0	155	<0.20	<40	<2.0	8100
Blanchard R adj CR 183 (P05K01) - RM 95.60														
6/13/2005	372	<200	3.5	57	<0.20	<30	<10	489	<2.0	81	<0.20	<40	<2.0	8530
6/27/2005	289	294	3.3	54	<0.20	<30	<10	744	<2.0	90	<0.20	<40	<2.0	5930
7/6/2005														
7/11/2005	355	884	5.3	70	<0.20	<30	<10	1780	<2.0	506	<0.20	<40	<2.0	10500
7/20/2005														
7/25/2005	435	<200	2.0	69	<0.20	<30	<10	533	<2.0	56	<0.20	<40	<2.0	6920
8/8/2005	465	286	2.9	73	<0.20	<30	<10	859	<2.0	215	<0.20	<40	<2.0	12000
8/22/2005	446	401	3.8	65	<0.20	<30	<10	790	<2.0	171	<0.20	<40	<2.0	13000
Blanchard R at Hardin/Hancock Co Line Rd (P05K02) - RM 88.27														
6/13/2005	374	271	3.5	61	<0.20	<30	<10	673	<2.0	155	<0.20	<40	<2.0	6280
6/27/2005	394	450	4.0	69	<0.20	<30	<10	940	<2.0	155	<0.20	<40	<2.0	6540
7/6/2005														
7/11/2005	390	224	2.6	66	<0.20	<30	<10	471	<2.0	71	<0.20	<40	<2.0	5140
7/20/2005														
7/25/2005	280	244	2.5	55	<0.20	<30	<10	602	<2.0	57	<0.20	<40	<2.0	2630
8/8/2005	368	<200	3.8	65	<0.20	<30	<10	353	<2.0	78	<0.20	<40	<2.0	4450
8/22/2005	410	226	4.2	70	<0.20	<30	<10	390	<2.0	107	<0.20	<40	<2.0	6260
Blanchard R at CR 150 (P05K16) - RM 82.10														
6/13/2005	368	221	4.2	59	<0.20	<30	<10	515	<2.0	116	<0.20	<40	<2.0	4850
6/27/2005	400	210	4.5	69	<0.20	<30	<10	519	<2.0	117	<0.20	<40	<2.0	5710
7/6/2005														
7/11/2005	318	<200	2.2	56	<0.20	<30	<10	353	<2.0	36	<0.20	<40	<2.0	4020
7/20/2005														
7/25/2005	281	525	<2.0	60	<0.20	<30	<10	953	<2.0	44	<0.20	<40	<2.0	2490
8/8/2005	306	300	3.4	57	<0.20	<30	<10	568	<2.0	94	<0.20	<40	<2.0	3160
8/22/2005	898	368	<2.0	134	<0.20	<30	<10	520	<2.0	91	<0.20	<40	<2.0	10700

DATE	BOD5 P310 mg/L	CBOD5 P80082 mg/L	CBOD20 P80087 mg/L	TOC P680 mg/L	COD P340 mg/L	Nitrate + nitrite P630 mg/L	Nitrite P615 mg/L	Ammonia P610 mg/L	TKN P625 mg/L	Total Phosphorus P665 mg/L	Total Diss Phos P666 mg/L	Total Diss Solids P70300 mg/L	Total Susp Solids P530 mg/L
BLANCHARD RIVER													
Blanchard R at CR 80 (P05K14) - RM 101.03													
6/13/2005	<2.0				<10	1.73	0.115	0.176	0.51	0.034		420	6
6/27/2005	<2.0				16	2.12	0.038	0.074	0.37	0.012		384	6
7/6/2005													
7/11/2005	<2.0				<10	1.14	<0.020	0.069	0.30	0.022		388	12
7/20/2005													
7/25/2005	<2.0				10	1.60	0.060	0.176	0.55	0.032		396	30
8/8/2005	<2.0				11	1.20	0.036	0.136	0.50	0.027		372	21
8/22/2005	<2.0				10	0.59	<0.020	0.136	0.42	0.032		384	34
Blanchard R at TR 165 - north crossing (P05K15) - RM 100.05													
6/13/2005	<2.0				23	1.18	0.161	0.206	0.72	0.052		396	<5
6/27/2005	<2.0				25	3.10	0.197	0.246	0.69	0.028		374	7
7/6/2005													
7/11/2005	<2.0				19	0.17	<0.020	0.293	0.67	0.133		400	13
7/20/2005													
7/25/2005	2.1				16	0.17	0.020	0.200	0.55	0.157		422	17
8/8/2005	2.3				20	0.46	<0.020	0.149	0.81	0.049		418	17
8/22/2005	2.4				16	<0.10	<0.020	0.079	0.52	0.014		456	10
Blanchard R at TR 56 (Musgrave Rd) (P05S06) - RM 97.42													
6/13/2005	<2.0				12	0.72	0.099	0.244	1.05	0.018		500	<5
6/27/2005	<2.0				27	4.04	0.312	0.596	0.98	0.052		418	10
7/6/2005													
7/11/2005	<2.0				16	<0.10	<0.020	0.141	0.71	0.072		484	9
7/20/2005													
7/25/2005	<2.0				18	0.95 J	0.049	0.113	0.48	0.020		762	<5
8/8/2005	<2.0				17	2.00	<0.020	0.117	0.75	0.420		686	8
8/22/2005	<2.0				16	<0.10	<0.020	0.111	0.65	0.060		662	10
Blanchard R adj CR 183 (P05K01) - RM 95.60													
6/13/2005	<2.0				12	0.61	0.077	0.224	1.02	0.052		508	15
6/27/2005	2.7				27	4.42	0.257	0.218	0.87	0.051		416	13
7/6/2005													
7/11/2005	5.8				16	<0.10	<0.020	0.077	0.70	0.115		500	24
7/20/2005													
7/25/2005	<2.0				13	0.74	0.047	0.131	0.47	0.033		640	12
8/8/2005	2.6				17	0.23	<0.020	0.093	0.59	0.054		698	31
8/22/2005	2.9				16	<0.10	<0.020	0.096	0.62	0.042		706	17
Blanchard R at Hardin/Hancock Co Line Rd (P05K02) - RM 88.27													
6/13/2005	2.3				14	0.25	0.035	0.136	0.69	0.163		496	12
6/27/2005	2.2				22	0.13	<0.020	0.120	0.59	0.137		558	24
7/6/2005													
7/11/2005	<2.0				13	0.49	0.024	0.139	0.58	0.137		556	9
7/20/2005													
7/25/2005	4.6				21	6.24	0.067	0.091	1.01	0.187		422	23
8/8/2005	2.2				17	0.18	<0.020	0.084	0.72	0.128		576	11
8/22/2005	<2.0				13	0.16	<0.020	0.101	0.61	0.124		726	11
Blanchard R at CR 150 (P05K16) - RM 82.10													
6/13/2005	<2.0				14	0.30	0.020	0.074	0.76	0.210		498	11
6/27/2005	2.1				25	<0.10	<0.020	0.055	0.56	0.149		614	15
7/6/2005													
7/11/2005	<2.0				13	3.80	0.025	0.102	0.70	0.087		444	8
7/20/2005													
7/25/2005	3.9 J				18	13.4	0.415	0.322	1.09	0.148		434	19
8/8/2005	4.9				20	0.38	<0.020	0.050	0.92	0.125		464	25
8/22/2005	<2.0				13	10.6	0.617	6.69	6.82	0.068		1330	15

DATE	Sulfate P945 mg/L	Chloride P940 mg/L	Calcium P916 mg/L	Magnesium P927 mg/L	Potassium P937 mg/L	Sodium P929 mg/L	Total Volatile Solids P505 mg/L	Fluoride P951 mg/L	Hexavalent Chromium P1220 ug/L	Oil & Grease P556 mg/L
BLANCHARD RIVER										
Blanchard R at CR 80 (P05K14) - RM 101.03										
6/13/2005	87.3	36.8	88	27		3	18			
6/27/2005	82.5	36.7	83	27		3	18			
7/6/2005										
7/11/2005	102	35.9	73	29		3	18			
7/20/2005										
7/25/2005	89.7	39.8	74	27		5	23			
8/8/2005	87.3	35.4	63	24		3	19			
8/22/2005	93.8	42.6	67	28		5	31			
6/13/2005	92.0	43.4	77	28		3	25			
6/27/2005	81.4	29.6	74	24		3	15			
7/6/2005										
7/11/2005	139	45.4	65	32		4	29			
7/20/2005										
7/25/2005	127	40.4	68	29		5	28			
8/8/2005	136	52.2	52	27		4	35			
8/22/2005	161	48.2	55	31		5	39			
6/13/2005	202	42.5	79	42		3	28			
6/27/2005	125	37.8	67	29		4	23			
7/6/2005										
7/11/2005	196	55.5	62	40		4	41			
7/20/2005										
7/25/2005	378	37.3	102	63		6	24			
8/8/2005	341	49.8	74	54		5	35			
8/22/2005	320	45.9	77	53		5	48			
Blanchard R adj CR 183 (P05K01) - RM 95.60										
6/13/2005	187	43.6	83	40		3	28			
6/27/2005	125	33.3	68	29		4	23			
7/6/2005										
7/11/2005	181	46.7	78	39		4	34			
7/20/2005										
7/25/2005	308	38.5	87	53		5	25			
8/8/2005	302	52.9	94	56		5	38			
8/22/2005	310	46.8	88	55		4	46			
Blanchard R at Hardin/Hancock Co Line Rd (P05K02) - RM 88.27										
6/13/2005	162	45.1	82	41		3	30			
6/27/2005	206	48.7	82	46		3	35			
7/6/2005										
7/11/2005	227	42.4	82	45		5	30			
7/20/2005										
7/25/2005	118	34.0	66	28		5	24			
8/8/2005	240	45.1	75	44		4	30			
8/22/2005	214	51.4	80	51		5	42			
Blanchard R at Hardin/Hancock Co Line Rd (P05K02) - RM 88.27										
6/13/2005	158	45.5	83	39		3	29			
6/27/2005	208	56.1	86	45		4	37			
7/6/2005										
7/11/2005	149	38.3	73	33		5	24			
7/20/2005										
7/25/2005	126	29.7	68	27		7	18			
8/8/2005	155	41.5	68	33		5	27			
8/22/2005	650	36.1	198	98		12	47			

DATE FIELD

BLANCHARD RIVER

Blanchard R at CR 80 (P05K14) - RM 101.03

6/13/2005
6/27/2005
7/6/2005 Bacteria run
7/11/2005
7/20/2005 Bacteria run
7/25/2005
8/8/2005
8/22/2005

Blanchard R at TR 165 - north crossing (P05K15) - RM 100.05

6/13/2005
6/27/2005
7/6/2005 Bacteria run
7/11/2005
7/20/2005 Bacteria run
7/25/2005 PRESERVED @ NWDO
8/8/2005
8/22/2005

Blanchard R at TR 56 (Musgrave Rd) (P05S06) - RM 97.42

6/13/2005
6/27/2005
7/6/2005 Bacteria run
7/11/2005
7/20/2005 Bacteria run
7/25/2005 PRESERVED @ NWDO
8/8/2005
8/22/2005

Blanchard R adj CR 183 (P05K01) - RM 95.60

6/13/2005
6/27/2005 Water surface scummy
7/6/2005 Bacteria run
7/11/2005
7/20/2005 Bacteria run
7/25/2005 PRESERVED @ NWDO
8/8/2005
8/22/2005

Blanchard R at Hardin/Hancock Co Line Rd (P05K02) - RM 88.27

6/13/2005
6/27/2005
7/6/2005 Bacteria run
7/11/2005
7/20/2005 Bacteria run
7/25/2005 PRESERVED @ NWDO
8/8/2005
8/22/2005

Blanchard R at Hardin/Hancock Co Line Rd (P05K02) - RM 88.27

6/13/2005
6/27/2005
7/6/2005 Bacteria run
7/11/2005
7/20/2005 Bacteria run
7/25/2005 PRESERVED @ NWDO
8/8/2005
8/22/2005

DATE	Temp P10 C	D.O. P299 mg/L	D.O. P301 %	Sat. pH P400 S.U.	Field pH - Lab P403 S.U.	Flow P61 cfs	Gage P65 feet	Conduct. Field P94 umhos/cm	Conduct. @ 25C P95 umhos/cm	Secchi Depth meters	Acidity P70508 mg/L	Alkalinity P410 mg/L	E.coli P31648 #/100ml
<u>BLANCHARD R TRIB (100.38)</u>													
Blanchard R Trib (100.38) at CR 80 (P05K19) - RM 0.66													
6/14/2005	27.1	8.4	104.4	7.84					662		<5.0	188	
6/28/2005	24.4	6.6	78.4	7.74					629		<5.0	176	
7/12/2005	25.4	5.5	67.3	7.55					783		<5.0	196	
7/26/2005		9.3	113.0						561		<5.0	121	
8/9/2005	22.6	7.9	91.6	8.46					764		<5.0	140	
8/23/2005	18.0	7.0	75.1	8.41					914		<5.0	130	
<u>CESSNA CREEK</u>													
Cessna Ck at CR 90 (P05K20) - RM 5.60													
6/14/2005	22.4	7.5	84.3	7.56					1030		<5.0	225	
6/28/2005	21.3	6.8	74.2	7.38					1230		<5.0	218	
7/12/2005	21.1	5.7	62.6	7.22					1270		<5.0	250	
7/26/2005	22.8	6.1	70.0	7.51					1230		<5.0	254	
8/9/2005	20.6	6.3	68.9	7.49					1250		<5.0	248	
8/23/2005	16.1	6.0	60.4	7.37					1280		<5.0	252	
Cessna Ck at CR 80 (P05K21) - RM 3.11													
6/14/2005	26.5	11.4	140.3	8.02					842		<5.0	208	
6/28/2005	25.4	5.8	70.8	7.65					896		<5.0	132	
7/12/2005	26.0	6.0	74.0	7.61					844		<5.0	136	
7/26/2005	26.2	7.2	88.7	7.66					704		<5.0	167	
8/9/2005	24.5	6.5	78.4	7.79					901		<5.0	155	
8/23/2005	19.2	6.3	68.8	7.51					990		<5.0	160	
Cessna Ck at CR 159 (P05K04) - RM 0.51													
6/14/2005	26.8	14.6	177.8	8.30					922		<5.0	158	
6/28/2005	24.6	6.9	82.7	7.75					866		<5.0	144	
7/12/2005	25.0	5.8	70.5	7.66					897		<5.0	148	
7/26/2005	25.9	8.1	99.9	7.76					1190		<5.0	165	
8/9/2005	23.8	8.3	99.0	8.04					861		<5.0	117	
8/23/2005	18.9	5.4	59.3	7.73					1070		<5.0	151	
<u>SHALLOW RUN</u>													
Shallow Run at Dunkirk Park (Dst CSO) (P05P07) - RM 5.10													
6/14/2005	23.2	3.7	43.8	7.53					885		<5.0	263	
6/28/2005	23.5	2.7	31.2	7.56					1070		<5.0	213	
7/12/2005	23.5	1.9	23.5	7.64					1180		<5.0	229	
7/26/2005	23.5	2.9	36.1	7.60					1070		<5.0	246	
8/9/2005	21.8	2.3	26.2	7.79					1260		<5.0	336	
8/23/2005	17.2	2.7	44.2	8.04					1690		5.0	282	
Shallow Run at CR 30 (Patterson St) (P05S22) - RM 4.70													
6/14/2005	23.5	5.2	60.6	7.77					956		<5.0	268	
6/28/2005	23.3	3.2	37.5	8.02					1040		<5.0	255	
7/12/2005	22.5	1.4	16.4	7.62					2760		<5.0	394	
7/26/2005	23.5	2.6	30.8	7.26					2220		<5.0	322	
8/9/2005	20.8	1.1	12.6	7.67					1810		<5.0	380	
8/23/2005	17.0	4.4	45.9	8.39					1010		<5.0	274	
Shallow Run at SR 81 (P05S21) - RM 4.00													
6/14/2005	26.0	6.8	82.8	8.68					1330		<5.0	234	
6/28/2005	17.5	7.2	73.0	7.46					1000		<5.0	247	
7/12/2005	18.8	7.2	76.7	7.38					1060		<5.0	280	
7/26/2005	22.0	7.1	81.0	7.80					2190		<5.0	305	
8/9/2005	18.0	7.7	81.4	7.31					1160		<5.0	260	
8/23/2005	16.4	7.6	78.1	7.77					1150		<5.0	274	
Shallow Run at Wilson Rd (P05K22) - RM 2.96													
6/14/2005	27.2	6.1	75.0	7.74					983		<5.0	245	
6/28/2005	24.2	6.6	77.8	7.81					1110		<5.0	202	
7/12/2005	24.7	5.6	67.5	7.49					1030		<5.0	201	
7/26/2005	25.2	8.3	100.3	7.96					1370		<5.0	226	
8/9/2005	22.4	8.1	93.1	7.80					1480		<5.0	230	
8/23/2005	17.2	5.8	61.9	7.92					1410		<5.0	224	

DATE	Total Hardness		Aluminum P1105 ug/L	Arsenic P1002 ug/L	Barium P1007 ug/L	Cadmium P1027 ug/L	Chromium P1034 ug/L	Copper P1042 ug/L	Iron P1045 ug/L	Lead P1051 ug/L	Manga- nese P1055 ug/L	Mercury P71900 ug/L	Nickel P1067 ug/L	Selenium P1147 ug/L	Strontium P1082 ug/L
	P900	P1105													
	mg/L	ug/L													
<u>BLANCHARD R TRIB (100.38)</u>															
Blanchard R Trib (100.38) at CR 80 (P05K19) - RM 0.66															
6/14/2005	289	465	3.7	68	<0.20	<30	<10	1050	<2.0	87	<0.20	<40	<2.0	1650	
6/28/2005	288	611	2.5	74	<0.20	<30	<10	1480	<2.0	91	<0.20	<40	<2.0	1800	
7/12/2005	336	1470	5.9	102	<0.20	<30	<10	3320	<2.0	416	<0.20	<40	<2.0	4720	
7/26/2005	194	423	10.0	22	<0.20	<30	<10	1290	<2.0	126	<0.20	<40	<2.0	2780	
8/9/2005	235	<200	13.3	26	<0.20	<30	<10	851	<2.0	293	<0.20	<40	<2.0	4070	
8/23/2005	338	417	12.2	78	<0.20	<30	<10	1600	<2.0	940	<0.20	<40	<2.0	8550	
<u>CESSNA CREEK</u>															
Cessna Ck at CR 90 (P05K20) - RM 5.60															
6/14/2005	481	<200	<2.0	41	<0.20	<30	<10	310	<2.0	43	<0.20	<40	<2.0	11600	
6/28/2005	642	<200	<2.0	39	<0.20	<30	<10	331	<2.0	184	<0.20	<40	<2.0	19500	
7/12/2005	622	<200	<2.0	34	<0.20	<30	<10	285	<2.0	243	<0.20	<40	<2.0	17300	
7/26/2005	608	<200	<2.0	38	<0.20	<30	<10	412	<2.0	274	<0.20	<40	<2.0	17100	
8/9/2005	671	<200	<2.0	36	<0.20	<30	<10	602	<2.0	314	<0.20	<40	<2.0	18300	
8/23/2005	664	<200	<2.0	30	<0.20	<30	<10	542	<2.0	253	<0.20	<40	<2.0	18800	
Cessna Ck at CR 80 (P05K21) - RM 3.11															
6/14/2005	402	<200	2.4	57	<0.20	<30	<10	241	<2.0	35	<0.20	<40	<2.0	7420	
6/28/2005	390	<200	4.8	61	<0.20	<30	<10	333	<2.0	202	<0.20	<40	<2.0	9880	
7/12/2005	365	<200	2.9	64	<0.20	<30	<10	343	<2.0	138	<0.20	<40	<2.0	8030	
7/26/2005	290	<200	2.2	57	<0.20	<30	<10	221	<2.0	96	<0.20	<40	<2.0	4860	
8/9/2005	412	<200	3.2	78	<0.20	<30	<10	504	<2.0	160	<0.20	<40	<2.0	10300	
8/23/2005	457	<200	2.7	60	<0.20	<30	<10	306	<2.0	110	<0.20	<40	<2.0	11600	
Cessna Ck at CR 159 (P05K04) - RM 0.51															
6/14/2005	443	<200	2.1	49	<0.20	<30	<10	187	<2.0	15	<0.20	<40	<2.0	7540	
6/28/2005	360	<200	4.0	56	<0.20	<30	<10	349	<2.0	186	<0.20	<40	<2.0	8800	
7/12/2005	358	<200	4.3	52	<0.20	<30	<10	636	<2.0	281	<0.20	<40	<2.0	8820	
7/26/2005	613	<200	<2.0	55	<0.20	<30	<10	391	<2.0	98	<0.20	<40	<2.0	6720	
8/9/2005	362	<200	4.0	38	<0.20	<30	<10	712	<2.0	104	<0.20	<40	<2.0	7370	
8/23/2005	476	281	3.5	43	<0.20	<30	<10	637	<2.0	115	<0.20	<40	<2.0	10800	
<u>SHALLOW RUN</u>															
Shallow Run at Dunkirk Park (Dst CSO) (P05P07) - RM 5.10															
6/14/2005	398	355	4.5	76	<0.20	<30	<10	1100	<2.0	476	<0.20	<40	<2.0	595	
6/28/2005	401	760	18.9	93	<0.20	<30	<10	1650	<2.0	909	<0.20	<40	<2.0	900	
7/12/2005	350	722	14.0	89	<0.20	<30	<10	2050	3.1	644	<0.20	<40	<2.0	1020	
7/26/2005	414	252	3.0	75	<0.20	<30	<10	822	<2.0	289	<0.20	<40	<2.0	776	
8/9/2005	467	1420	19.5	100	<0.20	<30	<10	3360	2.8	790	<0.20	<40	<2.0	1240	
8/23/2005	487	1430	14.4	130	<0.20	<30	<10	2940	4.8	765	<0.20	<40	<2.0	1980	
Shallow Run at CR 30 (Patterson St) (P05S22) - RM 4.70															
6/14/2005	418	<200	5.8	58	<0.20	<30	<10	711	<2.0	186	<0.20	<40	<2.0	808	
6/28/2005	424	<200	14.1	58	<0.20	<30	<10	284	<2.0	634	<0.20	<40	<2.0	1160	
7/12/2005	466	<200	3.2	100	<0.20	<30	19	412	<2.0	464	<0.20	<40	<2.0	14400	
7/26/2005	457	<200	<2.0	81	<0.20	<30	<10	429	<2.0	152	<0.20	<40	<2.0	9290	
8/9/2005	376	<200	3.8	66	<0.20	<30	18	462	<2.0	256	<0.20	<40	<2.0	10300	
8/23/2005	335	<200	10.6	44	<0.20	<30	<10	413	<2.0	98	<0.20	<40	<2.0	3520	
Shallow Run at SR 81 (P05S21) - RM 4.00															
6/14/2005	309	<200	<2.0	46	<0.20	<30	<10	278	<2.0	120	<0.20	<40	<2.0	4960	
6/28/2005	400	<200	<2.0	54	<0.20	<30	<10	288	<2.0	92	<0.20	<40	<2.0	9190	
7/12/2005	387	<200	<2.0	56	<0.20	<30	<10	520	<2.0	134	<0.20	<40	<2.0	8970	
7/26/2005	496	<200	4.8	102	<0.20	<30	<10	673	<2.0	219	<0.20	<40	<2.0	11700	
8/9/2005	396	272	3.8	67	<0.20	<30	<10	924	<2.0	244	<0.20	<40	<2.0	8230	
8/23/2005	389	212	2.7	61	<0.20	<30	<10	528	<2.0	98	<0.20	<40	<2.0	9120	
Shallow Run at Wilson Rd (P05K22) - RM 2.96															
6/14/2005	412	1940	8.0	94	<0.20	<30	<10	3800	2.0	460	<0.20	<40	<2.0	4050	
6/28/2005	382	1300	7.6	112	<0.20	<30	<10	2350	<2.0	1010	<0.20	<40	<2.0	5930	
7/12/2005	342	281	8.5	101	<0.20	<30	<10	851	<2.0	1240	<0.20	<40	<2.0	5110	
7/26/2005	389	486	4.4	98	<0.20	<30	<10	972	<2.0	185	<0.20	<40	<2.0	5170	
8/9/2005	361	231	10.0	100	<0.20	<30	<10	657	<2.0	509	<0.20	<40	<2.0	7690	
8/23/2005	327	524	8.5	101	<0.20	<30	<10	882	<2.0	412	<0.20	<40	<2.0	6960	

DATE	BOD5 P310 mg/L	CBOD5 P80082 mg/L	CBOD20 P80087 mg/L	TOC P680 mg/L	COD P340 mg/L	Nitrate + nitrite P630 mg/L	Nitrite P615 mg/L	Ammonia P610 mg/L	TKN P625 mg/L	Total Phosphorus P665 mg/L	Total Diss Phos P666 mg/L	Total Diss Solids P70300 mg/L	Total Susp Solids P530 mg/L
<u>BLANCHARD R TRIB (100.38)</u>													
Blanchard R Trib (100.38) at CR 80 (P05K19) - RM 0.66													
6/14/2005	<2.0				<10	0.96	0.132	0.435	1.03	0.029		406	30
6/28/2005	<2.0				16	2.56	0.173	0.405	0.90	0.046		392	21
7/12/2005	10				16	0.14	<0.020	0.598	1.21	0.149		500	70
7/26/2005	4.5				27	<0.10	<0.020	0.308	1.14	0.110		350	18
8/9/2005	12				41	2.57	<0.020	0.215	1.43	0.077		468	16
8/23/2005	9.0				30	<0.10	<0.020	0.145	1.03	0.099		612	57
<u>CESSNA CREEK</u>													
Cessna Ck at CR 90 (P05K20) - RM 5.60													
6/14/2005	<2.0				<10	0.35	0.090	0.155	0.55	0.029		508	<5
6/28/2005	<2.0				<10	0.11	0.021	0.060	<0.20	0.015		960	6
7/12/2005	<2.0				<10	<0.10	<0.020	0.366 RC	<0.20 RC	0.027		980	<5
7/26/2005	<2.0				<10	0.10	0.024	0.112	0.24	0.014		946	13
8/9/2005	<2.0				<10	0.15	<0.020	0.122	<0.20	0.025		960	14
8/23/2005	<2.0				<10	0.15	<0.020	0.119	<0.20	0.020		986	12
Cessna Ck at CR 80 (P05K21) - RM 3.11													
6/14/2005	<2.0				12	0.12	<0.020	<0.050	0.46	0.018		534	7
6/28/2005	<2.0				13	0.11	<0.020	0.066	0.41	0.043		646	<5
7/12/2005	<2.0				13	<0.10	<0.020	0.115	0.50	0.033		594	7
7/26/2005	<2.0				18	0.16	0.020	0.130	0.52	0.020		452	<5
8/9/2005	<2.0				11	<0.10	<0.020	0.146	0.47	0.018		618	12
8/23/2005	<2.0				<10	<0.10	<0.020	0.096	0.48	0.020		714	6
Cessna Ck at CR 159 (P05K04) - RM 0.51													
6/14/2005	<2.0				<10	0.61	0.152	0.316	0.89	0.021		634	<5
6/28/2005	<2.0				22	0.35	0.109	0.231	0.87	0.048		596	8
7/12/2005	<2.0				16	<0.10	<0.020	0.090	0.57	0.093		620	7
7/26/2005	<2.0				16	1.78	0.084	0.188	0.50	0.044		914	8
8/9/2005	<2.0				16	<0.10	<0.020	0.102	0.56	0.056		588	15
8/23/2005	<2.0				13	<0.10	<0.020	0.112	0.44	0.072		760	14
<u>SHALLOW RUN</u>													
Shallow Run at Dunkirk Park (Dst CSO) (P05P07) - RM 5.10													
6/14/2005	5.2				12	1.69	0.315	1.16	1.75	0.321		552	21
6/28/2005	9.9				33	<0.10	0.036	3.58	3.15	0.813		664	38
7/12/2005	18				64	0.75	<0.020	2.85	5.21	1.49		706	52
7/26/2005	5.6				21	4.49	1.07	1.48	2.64	0.308		656	20
8/9/2005	31				58	<0.10	<0.020	3.02	5.96	1.48		784	71
8/23/2005	25				61	<0.10	<0.020	0.857	4.51	1.35		1020	114
Shallow Run at CR 30 (Patterson St) (P05S22) - RM 4.70													
6/14/2005	5.1				14	0.77	0.099	0.261	1.19	0.623		584	16
6/28/2005	7.6				39	<0.10	<0.020	0.172	1.96	1.27		652	<5
7/12/2005	46				93	<0.10	<0.020	10.9	13.4	2.52		1540	23
7/26/2005	36 J				50	6.67	1.06	8.28	10.2	1.47		1280	18
8/9/2005	47				100	<0.10	<0.020	16.6	19.5	3.07		1020	26
8/23/2005	15				65	8.80	<0.020	1.61	3.76	0.958		598	23
Shallow Run at SR 81 (P05S21) - RM 4.00													
6/14/2005	8.5				36	<0.10	0.025	0.614	2.81	0.652		752	13
6/28/2005	<2.0				<10	0.16	<0.020	0.144	0.54	0.030		612	<5
7/12/2005	<2.0				39	0.11	<0.020	0.224	0.55	0.055		664	15
7/26/2005	5.5				21	0.32	0.226	3.39	4.92	0.519		1250	20
8/9/2005	<2.0				16	0.15	<0.020	0.212	1.17	0.147		680	38
8/23/2005	<2.0				<10	1.95	<0.020	0.251	0.66	0.028		668	29
Shallow Run at Wilson Rd (P05K22) - RM 2.96													
6/14/2005	5.2				14	<0.10	0.039	0.642	1.58	0.322		594	94
6/28/2005	4.2				19	0.13	<0.020	0.271	1.44	0.181		670	100
7/12/2005	2.1				27	0.12	<0.020	0.356	1.38	0.113		682	17
7/26/2005	3.5				18	8.84	0.249	0.386	1.50	0.129		808	21
8/9/2005	<2.0				22	<0.10	<0.020	0.285	1.61	0.174		830	13
8/23/2005	2.3				16	<0.10	<0.020	0.148	1.31	0.094		796	21

DATE	Sulfate P945 mg/L	Chloride P940 mg/L	Calcium P916 mg/L	Magnesium P927 mg/L	Potassium P937 mg/L	Sodium P929 mg/L	Total Volatile Solids P505 mg/L	Fluoride P951 mg/L	Hexavalent Chromium P1220 ug/L	Oil & Grease P556 mg/L
<u>BLANCHARD R TRIB (100.38)</u>										
Blanchard R Trib (100.38) at CR 80 (P05K19) - RM 0.66										
6/14/2005	75.6	53.7	73	26	3	29				
6/28/2005	72.5	43.9	74	25	3	24				
7/12/2005	142	62.4	80	33	4	41				
7/26/2005	99.9	51.0	43	21	5	36				
8/9/2005	128	82.4	43	31	6	67				
8/23/2005	254	65.6	63	44	7	60				
<u>CESSNA CREEK</u>										
Cessna Ck at CR 90 (P05K20) - RM 5.60										
6/14/2005	286	40.1	120	44	2	39				
6/28/2005	484	15.9	155	62	3	43				
7/12/2005	487	14.8	150	60	3	41				
7/26/2005	458	18.0	148	58	4	42				
8/9/2005	484	13.4	165	63	3	42				
8/23/2005	471	12.1	162	63	3	43				
6/14/2005	199	38.6	95	40	2	32				
6/28/2005	285	38.6	82	45	3	39				
7/12/2005	289	29.4	72	45	3	35				
7/26/2005	151	45.0	65	31	4	31				
8/9/2005	316	29.1	84	49	4	37				
8/23/2005	346	24.7	94	54	4	41				
Cessna Ck at CR 159 (P05K04) - RM 0.51										
6/14/2005	293	39.9	90	53	3	31				
6/28/2005	252	42.5	75	42	7	39				
7/12/2005	283	46.9	71	44	3	42				
7/26/2005	487	37.7	120	76	6	24				
8/9/2005	288	45.9	66	48	4	44				
8/23/2005	392	35.2	90	61	4	45				
<u>SHALLOW RUN</u>										
Shallow Run at Dunkirk Park (Dst CSO) (P05P07) - RM 5.10										
6/14/2005	104	67.0	100	36	3	32				
6/28/2005	141	120	88	44	7	73				
7/12/2005	128	159	76	39	9	88				
7/26/2005	144	112	95	43	6	62				
8/9/2005	95.7	155	103	51	12	89				
8/23/2005	173	300	101	57	20	168				
Shallow Run at CR 30 (Patterson St) (P05S22) - RM 4.70										
6/14/2005	126	78.7	98	42	4	40				
6/28/2005	143	93.7	89	49	7	59				
7/12/2005	160	616	106	49	12	378				
7/26/2005	157	489	104	48	9	253				
8/9/2005	156	316	83	41	12	267				
8/23/2005	83.9	119	73	37	9	78				
Shallow Run at SR 81 (P05S21) - RM 4.00										
6/14/2005	79.5	258	71	32	5	157				
6/28/2005	114	96.1	91	42	3	58				
7/12/2005	108	117	89	40	3	64				
7/26/2005	189	515	116	50	7	239				
8/9/2005	107	154	91	41	4	91				
8/23/2005	95.7	152	90	40	3	83				
Shallow Run at Wilson Rd (P05K22) - RM 2.96										
6/14/2005	149	86.9	91	45	4	50				
6/28/2005	140	135	77	46	4	86				
7/12/2005	161	121	66	43	5	70				
7/26/2005	137	262	85	43	7	130				
8/9/2005	108	310	72	44	6	168				
8/23/2005	96.3	273	60	43	6	159				

DATE FIELD COMME

BLANCHARD R TRIB (100.38)

Blanchard R Trib (100.38) at CR 80 (P05K19) - RM 0.66

6/14/2005
6/28/2005
7/12/2005
7/26/2005
8/9/2005
8/23/2005

CESSNA CREEK

Cessna Ck at CR 90 (P05K20) - RM 5.60

6/14/2005
6/28/2005
7/12/2005
7/26/2005
8/9/2005
8/23/2005

Cessna Ck at CR 80 (P05K21) - RM 3.11

6/14/2005
6/28/2005
7/12/2005
7/26/2005
8/9/2005
8/23/2005

Cessna Ck at CR 159 (P05K04) - RM 0.51

6/14/2005
6/28/2005
7/12/2005
7/26/2005
8/9/2005
8/23/2005

SHALLOW RUN

Shallow Run at Dunkirk Park (Dst CSO) (P05P07) - RM 5.10

6/14/2005
6/28/2005
7/12/2005
7/26/2005
8/9/2005
8/23/2005

Shallow Run at CR 30 (Patterson St) (P05S22) - RM 4.70

6/14/2005
6/28/2005
7/12/2005
7/26/2005 GREY WATER IN STREAM
8/9/2005
8/23/2005

Shallow Run at SR 81 (P05S21) - RM 4.00

6/14/2005
6/28/2005
7/12/2005
7/26/2005
8/9/2005
8/23/2005

Shallow Run at Wilson Rd (P05K22) - RM 2.96

6/14/2005
6/28/2005
7/12/2005
7/26/2005
8/9/2005
8/23/2005

DATE	Temp P10 C	D.O. P299 mg/L	D.O. P301 %	Sat. pH P400 S.U.	Field pH - Lab P403 S.U.	Flow P61 cfs	Gage P65 feet	Conduct. Field P94 umhos/cm	Conduct. @ 25C P95 umhos/cm	Secchi Depth meters	Acidity P70508 mg/L	Alkalinity P410 mg/L	E.coli P31648 #/100ml
Shallow Run at Pugh Rd (P05P11) - RM 0.93													
6/14/2005	25.1	6.5	77.1	7.73					819		<5.0	184	
6/28/2005	24.3	4.8	51.1	7.70					945		<5.0	149	
7/12/2005	24.7	5.2	62.3	7.62					827		<5.0	145	
7/26/2005	25.2	6.5	80.9	7.61					837		<5.0	144	
8/9/2005	21.9	6.1	69.8	7.60					1610		<5.0	146	
8/23/2005	17.0	5.5	59.0	8.2					1600		<5.0	150	
THE OUTLET - UPPER (90.94)													
The Outlet - Upper (90.94) at SR 81 (P05S29) - RM 3.00													
6/14/2005	23.6	6.9	79.3	7.73					815		<5.0	210	
6/28/2005	23.4	4.9	57.4	7.62					813		<5.0	200	
7/12/2005	23.2	4.8	56.7	7.41					871		<5.0	219	
7/26/2005	23.9	4.7	55.6	7.60					708		<5.0	232	
8/9/2005	21.7	5.8	66.2	7.48					815		<5.0	208	
8/23/2005	17.7	5.8	61.5	7.88					820		<5.0	219	
The Outlet - Upper (90.94) at TR 183 (P05S26) - RM 0.28													
6/14/2005	22.9	5.4	61.5	7.71					863		<5.0	213	
6/28/2005	23.1	5.2	61.8	7.83					858		<5.0	199	
7/12/2005	22.4	6.0	69.3	7.93					875		<5.0	216	
7/26/2005	23.7	5.5	64.6	7.81					648		<5.0	196	
8/9/2005	21.1	6.7	74.8	7.70					831		<5.0	212	
8/23/2005	17.4	6.1	64.2	8.10					856		<5.0	217	
FOREST-SIMPSON DITCH													
Forest-Simpson Ditch at TR 195 (P05K23) - RM 0.80													
6/14/2005	23.8	2.2	25.2	7.51					876		<5.0	201	
6/28/2005	22.8	2.2	26.0	7.76					907		<5.0	174	
7/12/2005	23.6	2.9	33.9	8.54					973		<5.0	215	
7/26/2005	26.9	3.6	44.9	8.26					849		<5.0	208	
8/9/2005	23.5	3.1	36.6	8.61					895		<5.0	203	
8/23/2005	18.6	5.3	56.5	8.52					963		<5.0	238	
RIPLEY RUN													
Ripley Run at TR 186 (P05K24) - RM 0.03													
6/14/2005	23.5	7.1	83.8	7.79					1030		<5.0	249	
6/28/2005	23.4	4.0	46.7	7.68					873		<5.0	211	
7/12/2005	23.2	3.6	42.6	7.63					827		<5.0	203	
7/26/2005	28.6	10.8	139.0	8.06					1600		<5.0	199	
8/9/2005	23.0	6.1	71.0	7.86					876		<5.0	205	
8/23/2005	17.4	6.6	68.5	7.72					2150		<5.0	224	
BLANCHARD R TRIBUT (80.53)													
Blanchard R Trib (80.53) at CR 150 (P05K25) - RM 1.78													
6/14/2005	22.6	7.6	87.6	7.15					1860		<5.0	265	
6/28/2005	20.8	5.4	60.7	7.05					2370 RC	<5.0 PT		281	
7/12/2005	22.4	6.5	74.8	7.11					2490 RC	<5.0		316	
7/26/2005	21.9	4.8	55.1	7.30					1610	<5.0		255	
8/9/2005	16.3	4.6	47.0	6.98					2460 RC	<5.0		309	
8/23/2005	15.7	5.3	53.0	7.06					2460 RC	<5.0		331	
BLANCHARD R TRIBUT (79.75)													
Blanchard R Trib (79.75) adj TR 151 (W of Earlywine Cemetery) (P05K26) - RM 2.22													
6/14/2005	23.1	4.8	56.0	7.51					1280		<5.0	158	
6/28/2005	23.8	5.0	59.7	7.73					1340		<5.0	141	
7/26/2005	27.9	8.6	109.8	8.03					796		<5.0	177	
8/9/2005	23.7	6.5	77.3	8.00					895		<5.0	212	
8/23/2005	17.8	5.9	62.1	7.91					1050		<5.0	240	
POTATO RUN SUB-BASIN													
Potato Run at SR 293 (P05S19) - RM 9.95													
6/14/2005	25.4	11.1	135.5	8.21					957		<5.0	211	
6/28/2005	24.6	7.0	84.1	7.61					1180		<5.0	233	
7/12/2005	23.7	3.5	41.8	7.45					1100		<5.0	271	
7/26/2005	23.8	5.8	68.5	7.56					825		<5.0	217	

DATE	Total Hardness		Aluminum P1105 ug/L	Arsenic P1002 ug/L	Barium P1007 ug/L	Cadmium P1027 ug/L	Chromium P1034 ug/L	Copper P1042 ug/L	Iron P1045 ug/L	Lead P1051 ug/L	Manga- nese P1055 ug/L	Mercury P71900 ug/L	Nickel P1067 ug/L	Selenium P1147 ug/L	Strontium P1082 ug/L
	P900	P1105													
	mg/L	ug/L													
Shallow Run at Pugh Rd (P05P11) - RM 0.93															
6/14/2005	347	372	4.6	70	<0.20	<30	<10	752	<2.0	277	<0.20	<40	<2.0	4520	
6/28/2005	347	1380	7.8	100	<0.20	<30	<10	2600	<2.0	922	<0.20	<40	<2.0	7960	
7/12/2005	267	1130	3.6	87	<0.20	<30	<10	2260	<2.0	242	<0.20	<40	<2.0	6290	
7/26/2005	273	<200	3.9	69	<0.20	<30	<10	377	<2.0	104	<0.20	<40	<2.0	4690	
8/9/2005	354	<200	5.8	104	<0.20	<30	<10	410	<2.0	221	<0.20	<40	<2.0	8120	
8/23/2005	345	432	4.8	97	<0.20	<30	<10	746	<2.0	139	<0.20	<40	<2.0	9580	
THE OUTLET - UPPER (90.94)															
The Outlet - Upper (90.94) at SR 81 (P05S29) - RM 3.00															
6/14/2005	415	242	2.5	49	<0.20	<30	<10	436	<2.0	92	<0.20	<40	<2.0	1040	
6/28/2005	410	480	3.1	53	<0.20	<30	<10	1010	<2.0	226	<0.20	<40	<2.0	926	
7/12/2005	399	270	2.6	57	<0.20	<30	<10	717	<2.0	134	<0.20	<40	<2.0	958	
7/26/2005	332	680	2.8	67	<0.20	<30	<10	1320	<2.0	125	<0.20	<40	<2.0	1350	
8/9/2005	392	<200	2.3	57	<0.20	<30	<10	531	<2.0	90	<0.20	<40	<2.0	830	
8/23/2005	390	<200	<2.0	53	<0.20	<30	<10	352	<2.0	66	<0.20	<40	<2.0	672	
The Outlet - Upper (90.94) at TR 183 (P05S26) - RM 0.28															
6/14/2005	418	281	3.5	53	<0.20	<30	<10	441	<2.0	122	<0.20	<40	<2.0	1270	
6/28/2005	411	407	3.5	57	<0.20	<30	<10	798	<2.0	231	<0.20	<40	<2.0	1180	
7/12/2005	389	258	3.0	60	<0.20	<30	<10	650	<2.0	71	<0.20	<40	<2.0	1040	
7/26/2005	292	239	<2.0	56	<0.20	<30	<10	569	<2.0	27	<0.20	<40	<2.0	767	
8/9/2005	385	<200	2.7	59	<0.20	<30	<10	427	<2.0	33	<0.20	<40	<2.0	1010	
8/23/2005	403	375	2.6	60	<0.20	<30	<10	567	<2.0	35	<0.20	<40	<2.0	1020	
FOREST-SIMPSON DITCH															
Forest-Simpson Ditch at TR 195 (P05K23) - RM 0.80															
6/14/2005	262	<200	2.2	42	<0.20	<30	<10	535	<2.0	268	<0.20	<40	<2.0	2590	
6/28/2005	235	<200	2.4	36	<0.20	<30	<10	564	<2.0	189	<0.20	<40	<2.0	2660	
7/12/2005	263	232	<2.0	35	<0.20	<30	<10	797	<2.0	134	<0.20	<40	<2.0	3560	
7/26/2005	234	<200	<2.0	34	<0.20	<30	<10	395	<2.0	118	<0.20	<40	<2.0	2840	
8/9/2005	254	<200	<2.0	36	<0.20	<30	<10	414	<2.0	98	<0.20	<40	<2.0	3240	
8/23/2005	270	229	2.5	37	<0.20	<30	<10	459	<2.0	96	<0.20	<40	<2.0	3620	
RIPLEY RUN															
Ripley Run at TR 186 (P05K24) - RM 0.03															
6/14/2005	510	<200	3.3	57	<0.20	<30	<10	123	<2.0	73	<0.20	<40	<2.0	4280	
6/28/2005	419	<200	5.9	61	<0.20	<30	<10	798	<2.0	377	<0.20	<40	<2.0	4140	
7/12/2005	357	<200	4.5	66	<0.20	<30	<10	331	<2.0	348	<0.20	<40	<2.0	3960	
7/26/2005	779	<200	<2.0	104	<0.20	<30	<10	101	<2.0	27	<0.20	<40	<2.0	8390	
8/9/2005	408	<200	3.6	65	<0.20	<30	<10	372	<2.0	127	<0.20	<40	<2.0	4070	
8/23/2005	1230	224	<2.0	119	<0.20	<30	<10	292	<2.0	33	<0.20	<40	<2.0	13900	
BLANCHARD R TRIB (80.53)															
Blanchard R Trib (80.53) at CR 150 (P05K25) - RM 1.78															
6/14/2005	1080	<200	<2.0	52	<0.20	<30	<10	533	<2.0	151	<0.20	<40	<2.0	8880	
6/28/2005	1610	<200	3.9	39	<0.20	<30	<10	1400	<2.0	202	<0.20	<40	<2.0	13500	
7/12/2005	1550	<200	2.8	44	<0.20	<30	<10	836	<2.0	239	<0.20	<40	2.2	13200	
7/26/2005	971	343	<2.0	52	<0.20	<30	<10	1230	<2.0	107	<0.20	<40	<2.0	7430	
8/9/2005	1860	4570	7.7	75	<0.20	<30	<10	8800	3.7	346	<0.20	<40	5.7	14900	
8/23/2005	1720	385	3.5	48	<0.20	<30	<10	1290	<2.0	215	<0.20	<40	2.9	14200	
BLANCHARD R TRIB (79.75)															
Blanchard R Trib (79.75) adj TR 151 (W of Earlywine Cemetery) (P05K26) - RM 2.22															
6/14/2005	474	428	4.9	78	<0.20	<30	<10	792	<2.0	278	<0.20	<40	<2.0	2800	
6/28/2005	502	495	6.7	100	<0.20	<30	<10	1470	<2.0	1000	<0.20	<40	<2.0	3310	
7/26/2005	322	265	2.0	62	<0.20	<30	<10	613	<2.0	28	<0.20	<40	<2.0	1690	
8/9/2005	416	386	3.5	75	<0.20	<30	<10	910	<2.0	163	<0.20	<40	<2.0	2990	
8/23/2005	429	379	4.3	75	<0.20	<30	<10	614	<2.0	103	<0.20	<40	<2.0	3500	
POTATO RUN SUB-BASIN															
Potato Run at SR 293 (P05S19) - RM 9.95															
6/14/2005	390	425	3.6	66	<0.20	<30	<10	636	<2.0	40	<0.20	<40	<2.0	710	
6/28/2005	406	1240	6.3	105	<0.20	<30	<10	2210	<2.0	1320	<0.20	<40	<2.0	770	
7/12/2005	419	5270	6.1	146	<0.20	<30	<10	9260	5.7	1360	<0.20	<40	<2.0	735	
7/26/2005	323	593	3.0	72	<0.20	<30	<10	1250	<2.0	91	<0.20	<40	<2.0	570	

DATE	BOD5 P310 mg/L	CBOD5 P80082 mg/L	CBOD20 P80087 mg/L	TOC P680 mg/L	COD P340 mg/L	Nitrate + nitrite P630 mg/L	Nitrite P615 mg/L	Ammonia P610 mg/L	TKN P625 mg/L	Total Phosphorus P665 mg/L	Total Diss Phos P666 mg/L	Total Diss Solids P70300 mg/L	Total Susp Solids P530 mg/L
Shallow Run at Pugh Rd (P05P11) - RM 0.93													
6/14/2005	<2.0				14	0.10	0.039	0.265	0.92	0.122		508	12
6/28/2005	3.4 J				28	<0.10	<0.020	0.249	1.07	0.153		598	44
7/12/2005	2.2				19	0.44	0.092	0.495	1.37	0.095		536	47
7/26/2005	2.4				18	0.24	0.055	0.167	1.02	0.052		510	10
8/9/2005	<2.0				25	<0.10	<0.020	0.198	1.57	0.035		918	5
8/23/2005	<2.0				16	<0.10	<0.020	0.146	1.20	0.023		924	16
THE OUTLET - UPPER (90.94)													
The Outlet - Upper (90.94) at SR 81 (P05S29) - RM 3.00													
6/14/2005	<2.0				<10	0.23	0.021	0.214	0.62	0.038		516	<5
6/28/2005	<2.0				<10	0.16	<0.020	0.430	0.85	0.180		520	11
7/12/2005	3.0				10	0.18	<0.020	0.542	0.69	0.117		564	22
7/26/2005	3.4				21	2.30	0.151	0.646 J	1.41	0.180		452	45
8/9/2005	<2.0				11	0.15	<0.020	0.588	0.85	0.098		508	9
8/23/2005	<2.0				11	0.13	<0.020	0.424	0.68	0.083		524	8
The Outlet - Upper (90.94) at TR 183 (P05S26) - RM 0.28													
6/14/2005	<2.0				<10	0.43	0.037	0.103	0.61	0.159		548	6
6/28/2005	<2.0				11	0.30	<0.020	0.100	0.74	0.179		556	23
7/12/2005	<2.0				10	0.29	<0.020	0.227	0.69	0.144		564	13
7/26/2005	<2.0				21	4.42	<0.020	0.141	0.86	0.133		414	12
8/9/2005	<2.0				<10	0.43	<0.020	0.087	0.48	0.085		524	8
8/23/2005	<2.0				11	0.11	<0.020	0.069	0.39	0.093		546	12
FOREST-SIMPSON DITCH													
Forest-Simpson Ditch at TR 195 (P05K23) - RM 0.80													
6/14/2005	20				72	1.98	0.028	2.74	4.77	0.742		520	31
6/28/2005	32				77	<0.10	<0.020	1.94	1.36	1.26		656	60
7/12/2005	27				56	0.13	<0.020	0.364	3.60	1.14		626	105
7/26/2005	22				73	<0.10	0.026	1.15	3.27	1.06		532	40
8/9/2005	12				64	0.38	<0.020	0.430	3.06	0.947		584	59
8/23/2005	22				58	0.13	0.108	1.32	4.58	1.21		620	68
RIPLEY RUN													
Ripley Run at TR 186 (P05K24) - RM 0.03													
6/14/2005	<2.0				12	4.64	0.025	0.061	0.79	0.029		664	<5
6/28/2005	4.1				30	<0.10	<0.020	0.065	<0.20	0.126		588	34
7/12/2005	2.1				22	0.14	<0.020	0.062	0.60	0.076		536	<5
7/26/2005	2.8				13	25.1	1.98	5.34	6.00	0.010		1230	7
8/9/2005	4.8				25	<0.10	<0.020	0.089	0.94	0.031		564	12
8/23/2005	4.2				<10	23.8	1.33	16.3	14.5	<0.050 UJ		1740	12
BLANCHARD R TRIB (80.53)													
Blanchard R Trib (80.53) at CR 150 (P05K25) - RM 1.78													
6/14/2005	<2.0				<10	0.31	0.029	0.125	0.65	0.026		1520	<5
6/28/2005	<2.0				<10	<0.10	<0.020	0.375	0.33	0.013		2330 RC	7
7/12/2005	2.9				10	<0.10	<0.020	0.060	0.24	0.024		2350 RC	9
7/26/2005	<2.0				<10	3.58	0.083	0.342	0.56	0.023		1360	19
8/9/2005	13				<10	<0.10	<0.020	0.321	0.39	0.033		2410 RC	508
8/23/2005	<2.0				<10	<0.10	<0.020	0.336	0.43	0.013		2330 RC	21
BLANCHARD R TRIB (79.75)													
Blanchard R Trib (79.75) adj TR 151 (W of Earlywine Cemetery) (P05K26) - RM 2.22													
6/14/2005	<2.0				17	12.1	<0.020	0.178	1.47	0.066		828	20
6/28/2005	22				41	<0.10	<0.020	0.062	1.76	0.272		920	53
7/26/2005	2.3				21	5.47	0.218	0.120	0.88	0.024		530	19
8/9/2005	9.3				22	<0.10	<0.020	0.082	0.85	0.061		580	33
8/23/2005	4.7				13	<0.10	<0.020	0.087	0.79	0.051		674	18
POTATO RUN SUB-BASIN													
Potato Run at SR 293 (P05S19) - RM 9.95													
6/14/2005	<2.0				12	1.80	0.127	0.121	1.12	0.094		574	13
6/28/2005	4.5				27	5.06	0.054	0.617	2.47	0.129		728	118
7/12/2005	9.7 J				24	0.63	0.044	0.542	1.54	0.307		692	120
7/26/2005	<2.0				18	2.95	0.068	0.122	0.83	0.099		512	30

DATE	Sulfate P945 mg/L	Chloride P940 mg/L	Calcium P916 mg/L	Magnesium P927 mg/L	Potassium P937 mg/L	Sodium P929 mg/L	Total Volatile Solids P505 mg/L	Fluoride P951 mg/L	Hexavalent Chromium P1220 ug/L	Oil & Grease P556 mg/L
Shallow Run at Pugh Rd (P05P11) - RM 0.93										
6/14/2005	142	71.5	73	40	3	42				
6/28/2005	179	95.1	63	46	5	71				
7/12/2005	153	86.8	51	34	5	53				
7/26/2005	142	96.8	55	33	6	59				
8/9/2005	162	366	61	49	6	193				
8/23/2005	170	334	54	51	5	182				
THE OUTLET - UPPER (90.94)										
The Outlet - Upper (90.94) at SR 81 (P05S29) - RM 3.00										
6/14/2005	173	42.6	82	51	2	21				
6/28/2005	172	43.2	77	53	3	24				
7/12/2005	179	55.5	74	52	3	26				
7/26/2005	107	39.8	80	32	5	23				
8/9/2005	179	53.0	73	51	3	26				
8/23/2005	170	47.2	72	51	3	24				
The Outlet - Upper (90.94) at TR 183 (P05S26) - RM 0.28										
6/14/2005	179	51.4	85	50	3	28				
6/28/2005	175	54.3	79	52	3	30				
7/12/2005	182	58.4	75	49	4	28				
7/26/2005	99.8	36.5	69	29	5	18				
8/9/2005	180	55.6	75	48	3	29				
8/23/2005	176	56.6	74	53	3	31				
FOREST-SIMPSON DITCH										
Forest-Simpson Ditch at TR 195 (P05K23) - RM 0.80										
6/14/2005	167	62.5	49	34	6	84				
6/28/2005	190	73.5	38	34	7	100				
7/12/2005	188	76.2	46	36	7	103				
7/26/2005	168	62.5	46	29	6	79				
8/9/2005	184	65.9	49	32	7	93				
8/23/2005	191	68.7	52	34	7	106				
RIPLEY RUN										
Ripley Run at TR 186 (P05K24) - RM 0.03										
6/14/2005	242	55.2	107	59	4	38				
6/28/2005	207	46.8	72	58	4	33				
7/12/2005	187	48.8	59	51	4	32				
7/26/2005	618	41.0	167	88	14	45				
8/9/2005	204	54.2	66	59	6	46				
8/23/2005	966	33.7	272	134	20	49				
BLANCHARD R TRIB (80.53)										
Blanchard R Trib (80.53) at CR 150 (P05K25) - RM 1.78										
6/14/2005	809	56.1	346	52	3	39				
6/28/2005	1380	8.0	528	72	3	27				
7/12/2005	1420	12.3	507	69	3	27				
7/26/2005	680	37.7	313	46	4	28				
8/9/2005	1470	10.9	612	80	4	30				
8/23/2005	1400	8.3	572	72	4	27				
BLANCHARD R TRIB (79.75)										
Blanchard R Trib (79.75) adj TR 151 (W of Earlywine Cemetery) (P05K26) - RM 2.22										
6/14/2005	293	140	94	58	3	94				
6/28/2005	324	162	92	66	4	104				
7/26/2005	198	130	76	32	4	35				
8/9/2005	170	75.9	79	53	3	47				
8/23/2005	181	101	81	55	3	54				
POTATO RUN SUB-BASIN										
Potato Run at SR 293 (P05S19) - RM 9.95										
6/14/2005	119	103	100	34	2	54				
6/28/2005	118	162	105	35	5	86				
7/12/2005	114	131	110	35	5	71				
7/26/2005	78.2	90.5	88	25	5	45				

DATE FIELD COMME

Shallow Run at Pugh Rd (P05P11) - RM 0.93

6/14/2005
6/28/2005
7/12/2005
7/26/2005
8/9/2005
8/23/2005

THE OUTLET - UPPER (90.94)

The Outlet - Upper (90.94) at SR 81 (P05S29) - RM 3.00

6/14/2005
6/28/2005
7/12/2005
7/26/2005
8/9/2005
8/23/2005

The Outlet - Upper (90.94) at TR 183 (P05S26) - RM 0.28

6/14/2005
6/28/2005
7/12/2005
7/26/2005
8/9/2005
8/23/2005

FOREST-SIMPSON DITCH

Forest-Simpson Ditch at TR 195 (P05K23) - RM 0.80

6/14/2005
6/28/2005 WATER VERY GREEN
7/12/2005 WATER IS PEA GREEN AND HAS AN ALGAE ODOR
7/26/2005 WATER PEA GREEN
8/9/2005 WATER PEA GREEN; SMELLS OF ALGAE AND SEWAGE; GAS SMELL IN AREA
8/23/2005 water pea green; odor of gas (methane or fuel oil ?) near stream

RIPLEY RUN

Ripley Run at TR 186 (P05K24) - RM 0.03

6/14/2005
6/28/2005 SOME SEDIMENT MAY HAVE GOTTEN INTO SAMPLE
7/12/2005
7/26/2005
8/9/2005
8/23/2005

BLANCHARD R TRIB (80.53)

Blanchard R Trib (80.53) at CR 150 (P05K25) - RM 1.78

6/14/2005 Orange "floe" covering bottom; surface covered w/orange & yellow/green algae/scum
6/28/2005 LOTS OF NUISANCE ALGAE; SOME GREEN, BUT MUCH IS ORANGE. BOTTOM COVERED WITH ORANGE FLOCCY ALGAE
7/12/2005 STREAM CHOCKED WITH ORANGE AND GREEN FLOCCY/FLUFFY ALGAE; SCUMMY SHEEN ON SURFACE
7/26/2005
8/9/2005 STREAM COVERED WITH BROWN SCUM/SOLIDS; WATER ORANGE/BROWN, WATER STAGNANT
8/23/2005 orange floccy algae not as predominant as in past; mostly just along banks

BLANCHARD R TRIB (79.75)

Blanchard R Trib (79.75) adj TR 151 (W of Earlywine Cemetery) (P05K26) - RM 2.22

6/14/2005
6/28/2005
7/12/2005
8/9/2005
8/23/2005

POTATO RUN SUB-BASIN

Potato Run at SR 293 (P05S19) - RM 9.95

6/14/2005
6/28/2005 VERY LOW FLOW: WATER POOLED UNDER BRIDGE
7/12/2005
7/26/2005

DATE	BOD5 P310 mg/L	CBOD5 P80082 mg/L	CBOD20 P80087 mg/L	TOC P680 mg/L	COD P340 mg/L	Nitrate + nitrite P630 mg/L	Nitrite P615 mg/L	Ammonia P610 mg/L	TKN P625 mg/L	Total Phosphorus P665 mg/L	Total Diss Phos P666 mg/L	Total Diss Solids P70300 mg/L	Total Susp Solids P530 mg/L
Potato Run at TR 49 (P05K05) - RM 9.58													
6/14/2005	<2.0				17	2.16	0.140	0.143	0.92	0.134		552	20
6/28/2005	12				38	<0.10	<0.020	0.056	1.73	0.164		636	33
7/12/2005	7.6				24	<0.10	<0.020	0.069	1.04	0.117		620	38
7/26/2005	<2.0				16	2.09	0.059	0.129	0.81	0.118		490	25
8/9/2005	8.3				27	<0.10	<0.020	0.084	1.42	0.162		634	79
8/23/2005	11				33	<0.10	<0.020	0.086	1.55	0.188		776	73
Potato Run at CR 273 (P05S77) - RM 1.84													
6/14/2005	2.4				17	0.60	0.068	0.204	1.02	0.222		672	20
6/28/2005	4.1				22	0.40	<0.020	0.106	1.12	0.211		734	10
7/12/2005	2.6				24	0.63	<0.020	0.223	0.92	0.120		588	20
7/26/2005	<2.0				16	4.16	0.070	0.150	0.86	0.142		486	22
8/9/2005	<2.0				19	0.62	<0.020	0.143	0.84	0.137		594	41
8/23/2005	<2.0				16	0.95	<0.020	0.195	0.97	0.108		776	11
Rickenbach Ditch Ust Triumph Thermal (P05K27) - RM 4.98													
6/14/2005	16				45	2.10	0.047	0.669	1.99	0.268		688	26
6/28/2005	6.1				27	1.28	0.032	0.948	2.38	0.481		738	206
7/12/2005	<2.0				13	1.91	<0.020	0.249	1.03	0.122		984	64
7/26/2005	<2.0				13	0.68	<0.020	0.643	1.21	0.103		622	<5
8/9/2005	<2.0				16	1.44	<0.020	0.217	1.07	0.067		906	43
8/23/2005	<2.0				10	5.88	0.037	0.339	1.34	0.175		778	28
Rickenbach Ditch Ust Triumph Thermal (P05K27) - RM 4.98													
6/14/2005	16				45	2.10	0.047	0.669	1.99	0.268		688	26
6/28/2005	6.1				27	1.28	0.032	0.948	2.38	0.481		738	206
7/12/2005	<2.0				13	1.91	<0.020	0.249	1.03	0.122		984	64
7/26/2005	<2.0				13	0.68	<0.020	0.643	1.21	0.103		622	<5
8/9/2005	<2.0				16	1.44	<0.020	0.217	1.07	0.067		906	43
8/23/2005	<2.0				10	5.88	0.037	0.339	1.34	0.175		778	28
Rickenbach Ditch Dst Triumph Thermal (P05K28) - RM 4.93													
6/14/2005	5.6				114	59.4	0.352	0.167	0.92	0.139		3910	22
6/28/2005	3.7				27	49.0	0.590	0.257	1.54	0.194		2960	21
7/12/2005	3.3				13	46.3	0.695	0.670	1.23	0.099		2870	20
7/26/2005	<2.0				13	24.0	0.127	0.170	0.82	0.074		2830	14
8/9/2005	2.4				19	27.2	0.117	0.098	1.12	0.087		3400	38
8/23/2005	2.1				<10	22.8	0.110	0.180	0.80	0.394		2430	56
Rickenbach Ditch at US 30 (P05K29) - RM 1.18													
6/14/2005	2.0				20	0.98	0.046	0.268	1.31	0.184		498	11
6/28/2005	27				52	<0.10	<0.020	0.685	3.03	0.474		710	225
7/12/2005	<2.0				22	3.24	0.045	0.258	1.44	0.097		514	20
7/26/2005	<2.0				13	2.75	0.040	0.111	0.69	0.152		466	14
8/9/2005	2.5				22	<0.10 J	<0.020	0.185	0.88	0.079		472	68
8/23/2005	<2.0				19	<0.10	<0.020	0.123	0.96	0.065 J		996	7
Wharton Ditch at Origin adj CR 47 (P05K82) - RM 0.35													
6/14/2005	26	20			56	0.44	0.052	28.3	25.4	3.52		2410	12
6/28/2005	40	30			78	<0.10	<0.020	23.8	24.2	4.15		3810	13
7/12/2005	80	71			85	<0.20 UJ	<0.020	30.5	30.5	3.84		3940	73
7/26/2005	15	10			36	2.51	0.155	11.0	11.3	2.07		1910	40
8/9/2005	42	30			86	0.43	<0.020	28.4	33.0	5.63		2780	56
8/23/2005	72	59			97	<0.10	<0.020	34.4	34.5	3.96		2820	23

DATE FIELD COMME

Potato Run at TR 49 (P05K05) - RM 9.58

6/14/2005
6/28/2005
7/12/2005
7/26/2005
8/9/2005
8/23/2005

Potato Run at CR 273 (P05S77) - RM 1.84

6/14/2005
6/28/2005
7/12/2005
7/26/2005
8/9/2005
8/23/2005

Rickenbach Ditch Ust Triumph Thermal (P05K27) - RM 4.98

6/14/2005 STREAM DRY ABOVE THIS POINT. SAMPLE MAY BE MOSTLY DISCHARGE FROM STORMWATER OUTFALL. A FEW OILY SPOTS ON SURFACE.
6/28/2005 NO UST FLOW; WATER 100% FROM STORMWATER DITCH; VERY SILTY; A LOT OF SEDIMENT IN SAMPLE
7/12/2005
7/26/2005
8/9/2005
8/23/2005

Rickenbach Ditch Ust Triumph Thermal (P05K27) - RM 4.98

6/14/2005 STREAM DRY ABOVE THIS POINT. SAMPLE MAY BE MOSTLY DISCHARGE FROM STORMWATER OUTFALL. A FEW OILY SPOTS ON SURFACE.
6/28/2005 NO UST FLOW; WATER 100% FROM STORMWATER DITCH; VERY SILTY; A LOT OF SEDIMENT IN SAMPLE
7/12/2005
7/26/2005
8/9/2005
8/23/2005

Rickenbach Ditch Dst Triumph Thermal (P05K28) - RM 4.93

6/14/2005 Stream is 100% effluent at this point; dry above discharge
6/28/2005 NO UST FLOW; WATER 100% EFFLUENT
7/12/2005
7/26/2005
8/9/2005
8/23/2005 no discharge; no flow from upst

Rickenbach Ditch at US 30 (P05K29) - RM 1.18

6/14/2005 STREAM CHOKED WITH NUISANCE ALGAE
6/28/2005 NO FLOW; DRY DST BRIDGE; SAMPLE FROM POOL ON UST SIDE; WATER MURKY
7/12/2005 SAMPLED IN ISOLATED POOL UNDER BRIDGE (SHADY SPOT); NO FLOW DST
7/26/2005
8/9/2005 STREAM DRY DST BRIDGE
8/23/2005 stream dry dst us 30 bridge

Wharton Ditch at Origin adj CR 47 (P05K82) - RM 0.35

6/14/2005 WATER GRAY & CLOUDY; VERY SEPTIC ODOR; BLACK SLUDGE DEPOSITS; SEWAGE MOLDS PRESENT.
6/28/2005 WATER GRAY; VERY SEPTIC ODOR; BLACK SLUDGE DEPOSITS
7/12/2005 WATER GRAY; BLACK SLUDGE DEPOSITS; SOME BLACK SOLIDS SUSPENDED IN WATER COLUMN; VERY STRONG SEPTIC ODOR
7/26/2005 DITCH FLUSHED OUT BY RECENT RAINSTORM; BLACK SLUDGE DEPOSITS PRESENT SOME BLACK SOLIDS IN WATER COLUMN; SEPTIC ODOR.
8/9/2005 WATER GRAY/BLACK; SLUDGE DEPOSITS; BLACK SOLIDS IN WATER COLUMN; VERY SEPTIC ODOR
8/23/2005 water gray; very septic odor; black sludge deposits; some fine solids in water drum

HUC 04100008 020 - Blanchard River(downstream Potato Run to upstream Eagle Creek)

DATE	Temp P10 C	D.O. P299 mg/L	D.O. P301 %	Sat. pH P400 S.U.	Field pH - Lab P403 S.U.	Flow P61 cfs	Gage P65 feet	Conduct. Field P94 umhos/cm	Conduct. @ 25C P95 umhos/cm	Secchi Depth meters	Acidity P70508 mg/L	Alkalinity P410 mg/L	E.coli P31648 #/100ml
BLANCHARD RIVER													
Blanchard R at SR 37 (N of Mt Blanchard) (P05S74) - RM 75.57													
6/1/2005	18.9	7.7	82.8	7.93		13.409	19.94		823		<5.0	212	
6/13/2005	23.9	5.6	67.7	7.43			22.00		860		<5.0	216	
6/22/2005	20.9	4.6	51.3	7.75		4.859	20.48		905		<5.0	201 PT	
6/27/2005	26.2	4.8	60.0	8.22			20.58		909		<5.0	188	
7/6/2005													
7/7/2005	22.3	5.9	67.8	7.64		0.585	20.51		664		<5.0	136	
7/11/2005	23.1	5.8	67.7	7.78			20.55		738		<5.0	149	
7/20/2005													
7/21/2005													
7/25/2005	27.2	5.8	73.1	7.70			20.22		605		<5.0	136	
8/3/2005													
8/8/2005	23.8	7.5	88.3	7.78			20.49		666		<5.0	162	
8/15/2005	22.0	5.8	66.8	7.69		4.141	20.44		843		<5.0	192	
8/22/2005	20.7	6.6	73.5	8.09					996		<5.0	196	
Blanchard R at TR 166 (P05S24) - RM 71.85													
6/13/2005	23.9	7.1	84.8	7.78					854		<5.0	210	
6/27/2005	29.1	8.3	107.9	8.27					865		<5.0	199	
7/6/2005													
7/11/2005	24.3	7.7	91.4	8.07					636		<5.0	136	
7/20/2005													
7/25/2005	27.3	6.9	74.9	7.74					500		<5.0	121	
8/8/2005	24.3	9.6	114.4	8.15					609		<5.0	159	
8/22/2005	22.2	7.8	89.7	8.27					819		<5.0	185	
Blanchard R at Findlay WTP Pumhouse #2 (500360) - RM 62.40													
6/13/2005	23.1	5.6	65.6	7.77					825		<5.0	241	
6/27/2005	26.7	6.5	82.5	7.94					744		<5.0	208	
7/6/2005													
7/11/2005	24.8	6.4	75.8	8.01					716		<5.0	215	
7/20/2005													
7/25/2005	27.3	6.1	77.1	7.84					619		<5.0	181	
8/8/2005	24.7	6.4	76.5	7.55					767		5.0	255	
8/22/2005	23.0	7.4	86.7	8.23					769		<5.0	244	
BUCKRUN CREEK													
Buckrun Ck at CR 162 (P05K30) - RM 3.57													
6/15/2005	20.9	6.3	74.4	7.54					663		<5.0	198	
6/29/2005	24.2	6.4	76.2	7.86					545		<5.0	132	
7/13/2005	24.3	9.3	110.7	8.27					484		<5.0	144	
7/27/2005	20.6	5.9	67.3	6.95					407		<5.0	126	
8/10/2005	23.4	4.6	54.4	7.51					542		<5.0	157	
8/24/2005	18.0	4.8	50.4	7.65					574		<5.0	162	
BRIGHTS DITCH/STAHL DITCH SUB-BASIN													
Brights Ditch at TR 197 (P05K33) - RM 3.85													
6/15/2005	19.2	7.9	84.3	7.78					758		<5.0	290	
6/29/2005	24.4	13.3	158.6	8.02					661		<5.0	245	
7/27/2005	21.7	2.5	28.7	7.07					716		<5.0	295	
8/10/2005	21.5	4.0	45.6	7.38					768		<5.0	338	
8/24/2005	17.3	3.6	37.1	7.65					748		<5.0	328	
Brights Ditch at CR 252 (P05K34) - RM 2.41													
6/15/2005	20.7	3.7	41.7	7.50					759		<5.0	277	
6/29/2005	24.2	5.5	65.2	7.63					656		<5.0	242	
7/13/2005	22.8	5.3	61.9	7.62					707		<5.0	188	
7/27/2005	20.4	3.4	38.1	6.71					542		<5.0	204	
8/10/2005	22.3	4.0	46.1	7.24					868		<5.0	352	
8/24/2005	17.9	3.1	32.5	7.45					781		<5.0	318	

DATE	Total Hardness P900 mg/L	Aluminum P1105 ug/L	Arsenic P1002 ug/L	Barium P1007 ug/L	Cadmium P1027 ug/L	Chromium P1034 ug/L	Copper P1042 ug/L	Iron P1045 ug/L	Lead P1051 ug/L	Manga- nese P1055 ug/L	Mercury P71900 ug/L	Nickel P1067 ug/L	Selenium P1147 ug/L	Strontium P1082 ug/L
BLANCHARD RIVER														
Blanchard R at SR 37 (N of Mt Blanchard) (P05S74) - RM 75.57														
6/1/2005	404	272	<2.0	60	<0.20	<30	<10	469	<2.0	61	<0.20	<40	<2.0	4100
6/13/2005	393	<200	4.0	61	<0.20	<30	<10	420	<2.0	145	<0.20	<40	<2.0	4900
6/22/2005	427	261	3.7	66	<0.20	<30	<10	528	<2.0	148	<0.20	<40	<2.0	5490
6/27/2005	432	<200	5.3	68	<0.20	<30	<10	442	<2.0	220	<0.20	<40	<2.0	6390
7/6/2005														
7/7/2005	302	1010	2.0	64	<0.20	<30	<10	1600	<2.0	102	<0.20	<40	<2.0	3640
7/11/2005	332	417	2.3	60	<0.20	<30	<10	692	<2.0	63	<0.20	<40	<2.0	4240
7/20/2005														
7/21/2005	192	2100	2.4	55	<0.20	<30	<10	3010	2.0	78		<40	<2.0	1270
7/25/2005	269	918	2.2	61	<0.20	<30	<10	1510	<2.0	80	<0.20	<40	<2.0	2280
8/3/2005	292	613	2.7	58	<0.20	<30	<10	1020	<2.0	86		<40	<2.0	2700
8/8/2005	286	617	4.1	55	<0.20	<30	<10	1230	<2.0	172	<0.20	<40	<2.0	3230
8/15/2005	376	437	3.8	70	<0.20	<30	<10	788	<2.0	173		<40	<2.0	4500
8/22/2005	471	422	3.4	77	<0.20	<30	<10	658	<2.0	151	<0.20	<40	<2.0	5750
Blanchard R at TR 166 (P05S24) - RM 71.85														
6/13/2005														
6/27/2005	418	397	5.4	71	<0.20	<30	<10	792	<2.0	177	<0.20	<40	<2.0	6730
7/6/2005														
7/11/2005	292	<200	3.0	54	<0.20	<30	<10	300	<2.0	23	<0.20	<40	<2.0	4260
7/20/2005														
7/25/2005	216	690	2.1	51	<0.20	<30	<10	1160	<2.0	40	<0.20	<40	<2.0	1870
8/8/2005	252	<200	2.4	44	<0.20	<30	<10	302	<2.0	75	<0.20	<40	<2.0	3110
8/22/2005	376	260	3.8	67	<0.20	<30	<10	400	<2.0	148	<0.20	<40	<2.0	4990
Blanchard R at Findlay WTP Pumphouse #2 (500360) - RM 62.40														
6/13/2005	419	312	2.9	95	<0.20	<30	<10	542	<2.0	60	<0.20	<40	<2.0	8060
6/27/2005	379	214	2.7	95	<0.20	<30	<10	540	<2.0	72	<0.20	<40	<2.0	7400
7/6/2005														
7/11/2005	361	604	2.0	91	<0.20	<30	<10	1020	<2.0	75	<0.20	<40	<2.0	6980
7/20/2005														
7/25/2005	293	648	<2.0	71	<0.20	<30	<10	1140	<2.0	61	<0.20	<40	<2.0	4020
8/8/2005	375	247	2.7	91	<0.20	<30	<10	683	<2.0	54	<0.20	<40	<2.0	7090
8/22/2005	384	397	<2.0	97	<0.20	<30	<10	639	<2.0	102	<0.20	<40	<2.0	8240
BUCKRUN CREEK														
Buckrun Ck at CR 162 (P05K30) - RM 3.57														
6/15/2005	298	<200	2.3	59	<0.20	<30	<10	438	<2.0	77	<0.20	<40	<2.0	1040
6/29/2005	222	<200	4.9	44	<0.20	<30	<10	531	<2.0	83	<0.20	<40	<2.0	682
7/13/2005	195	217	2.7	45	<0.20	<30	<10	589	<2.0	25	<0.20	<40	<2.0	910
7/27/2005	182	2910	2.2	56	<0.20	<30	<10	4020	2.4	45	<0.20	<40	<2.0	371
8/10/2005	211	277	5.7	44	<0.20	<30	<10	595	<2.0	209	<0.20	<40	<2.0	786
8/24/2005	244	204	4.3	54	<0.20	<30	<10	376	<2.0	130	<0.20	<40	<2.0	1050
BRIGHTS DITCH/STAHL DITCH SUB-BASIN														
Brights Ditch at TR 197 (P05K33) - RM 3.85														
6/15/2005	389	<200	<2.0	134	<0.20	<30	<10	308	<2.0	22	<0.20	<40	<2.0	10900
6/29/2005	330	<200	<2.0	113	<0.20	<30	<10	145	<2.0	<10	<0.20	<40	<2.0	10500
7/27/2005	358	<200	<2.0	116	<0.20	<30	<10	137	<2.0	78	<0.20	<40	<2.0	14300
8/10/2005	379	<200	<2.0	114	<0.20	<30	<10	53	<2.0	66	<0.20	<40	<2.0	15400
8/24/2005	399	<200	<2.0	110	<0.20	<30	<10	225	<2.0	77	<0.20	<40	<2.0	21200
Brights Ditch at CR 252 (P05K34) - RM 2.41														
6/15/2005	367	<200	<2.0	112	<0.20	<30	<10	118	<2.0	11	<0.20	<40	<2.0	13900
6/29/2005	310	<200	2.6	101	<0.20	<30	<10	205	<2.0	43	<0.20	<40	<2.0	13700
7/13/2005	330	<200	2.0	108	<0.20	<30	<10	206	<2.0	54	<0.20	<40	<2.0	19700
7/27/2005	255	766	2.0	80	<0.20	<30	<10	1240	<2.0	36	<0.20	<40	<2.0	6990
8/10/2005	387	<200	3.5	124	<0.20	<30	<10	460	<2.0	62	<0.20	<40	<2.0	20300
8/24/2005	365	<200	3.6	110	<0.20	<30	<10	104	<2.0	67	<0.20	<40	<2.0	24800

DATE	BOD5 P310 mg/L	CBOD5 P80082 mg/L	CBOD20 P80087 mg/L	TOC P680 mg/L	COD P340 mg/L	Nitrate + nitrite P630 mg/L	Nitrite P615 mg/L	Ammonia P610 mg/L	TKN P625 mg/L	Total Phosphorus P665 mg/L	Total Diss Phos P666 mg/L	Total Diss Solids P70300 mg/L	Total Susp Solids P530 mg/L
BLANCHARD RIVER													
Blanchard R at SR 37 (N of Mt Blanchard) (P05S74) - RM 75.57													
6/1/2005	<2.0				16	1.47	0.032	0.079	0.72	0.092		530	9
6/13/2005	<2.0				14	1.46	0.023	0.117	0.92	0.241		544	8
6/22/2005	<2.0				18	0.16	<0.020	0.130	0.74	0.222	0.178	572	8
6/27/2005	<2.0				25	0.13	<0.020	0.136	0.66	0.206	0.164	628	13
7/6/2005													
7/7/2005	<2.0				16	13.9	0.135	0.137	1.10	0.135	0.088	436	37
7/11/2005	<2.0				22	9.04 J	0.055	0.138	0.91	0.097	0.087	490	20
7/20/2005													
7/21/2005	<2.0		7.1			15.3	0.178	0.175 J	1.25	0.224		306	59
7/25/2005	<2.0				18	12.5 J	0.077	0.095	0.91	0.153	0.127	394	40
8/3/2005	<2.0		4.6			5.16	<0.020	0.098	0.84	0.143		404	26
8/8/2005	5.9				28	<0.10	<0.020	<0.050	0.93	0.140	0.049	426	38
8/15/2005	4.8				24	<0.10	<0.020	0.059	0.74	0.147		550	27
8/22/2005	2.6				16	<0.10	<0.020	0.070	0.56	0.083	0.067	686	19
Blanchard R at TR 166 (P05S24) - RM 71.85													
6/13/2005	<2.0						<0.020					534	7
6/27/2005	<2.0				25	<0.10	<0.020	0.092	0.57	0.159		636	23
7/6/2005													
7/11/2005	<2.0				16	9.44	0.043	0.098	0.88	0.082		414	7
7/20/2005													
7/25/2005	<2.0				21	9.31	0.030	0.070	0.85	0.133		328	20
8/8/2005	6.2				23	<0.10	<0.020	0.055	0.96	0.065		396	25
8/22/2005	2.6				19	<0.10	<0.020	0.083	0.65	0.099		552	19
Blanchard R at Findlay WTP Pumphouse #2 (500360) - RM 62.40													
6/13/2005	<2.0			4.8	12	2.32	0.028	0.061	0.65	0.114		526	12
6/27/2005	<2.0			4.2	25	1.80	<0.020	0.078	0.48	0.088		498	16
7/6/2005													
7/11/2005	<2.0			5.2	16	4.57	<0.020	0.101	0.67	0.076		446	28
7/20/2005													
7/25/2005	<2.0			6.1	39	7.03	0.027	0.077	0.74	0.098		350	26
8/8/2005	<2.0			4.6	14	2.80	<0.020	0.080	0.54	0.063		494	18
8/22/2005	2.4			5.8	16	1.47	<0.020	0.073	0.63	0.046		480	21
BUCKRUN CREEK													
Buckrun Ck at CR 162 (P05K30) - RM 3.57													
6/15/2005	<2.0				12	0.45	0.033	0.063	0.56	0.030		362	6
6/29/2005	2.3				67	<0.10	<0.020	0.080	0.78	0.041		324	11
7/13/2005	2.0				17	0.60	<0.020	<0.050	0.61	0.032		262	7
7/27/2005	3.1				22	8.56	0.029	0.064	0.91	0.211		292	39
8/10/2005	<2.0				17	0.10	<0.020	0.286	0.83	<0.010		324	16
8/24/2005	<2.0				25	0.39	0.021	0.311	1.10	0.026		358	13
BRIGHTS DITCH/STAHL DITCH SUB-BASIN													
Brights Ditch at TR 197 (P05K33) - RM 3.85													
6/15/2005	<2.0				<10	6.47	0.216	0.123	0.66	0.010		448	5
6/29/2005	<2.0				<10	5.01	0.180	<0.050	0.56	0.010		406	13
7/27/2005	<2.0				13	2.72	0.254	0.066	0.55	0.051		428	<5
8/10/2005	<2.0				<10	0.50	0.088	0.066	0.28	<0.010		460	<5
8/24/2005	<2.0				<10	<0.10	<0.020	<0.050	0.30	0.014		468	<5
Brights Ditch at CR 252 (P05K34) - RM 2.41													
6/15/2005	<2.0				<10	2.23	0.216	0.078	0.65	<0.010		460	<5
6/29/2005	<2.0				15	<0.10	<0.020	<0.050	0.54	0.053		406	<5
7/13/2005	<2.0				12	<0.10	<0.020	0.051	0.28	0.038		422	<5
7/27/2005	<2.0				19	4.17	<0.020	<0.050	0.90	0.096		340	11
8/10/2005	<2.0				11	<0.10	<0.020	0.056	0.41	<0.010		524	19
8/24/2005	<2.0				14	<0.10	<0.020	0.061	0.36	0.017		480	<5

DATE	Sulfate P945 mg/L	Chloride P940 mg/L	Calcium P916 mg/L	Magnesium P927 mg/L	Potassium P937 mg/L	Sodium P929 mg/L	Total Volatile Solids P505 mg/L	Fluoride P951 mg/L	Hexavalent Chromium P1220 ug/L	Oil & Grease P556 mg/L
BLANCHARD RIVER										
Blanchard R at SR 37 (N of Mt Blanchard) (P05S74) - RM 75.57										
6/1/2005	164	48.3	99	38	3	28				
6/13/2005	176	51.9	93	39	3	31				
6/22/2005	204	50.7	100	43	3	33				
6/27/2005	246	52.0	97	46	4	35				
7/6/2005										
7/7/2005	115	32.8	75	28	6	17				
7/11/2005	161	36.4	80	32	6	20				
7/20/2005										
7/21/2005	57.0	22.4	49	17	6	11				
7/25/2005	110	30.7	68	24	6	17				
8/3/2005	101	36.2	74	26	5	21				
8/8/2005	145	42.1	65	30	5	27				
8/15/2005	231	49.4	88	38	5	34				
8/22/2005	291	45.9	103	52	6	37				
Blanchard R at TR 166 (P05S24) - RM 71.85										
6/13/2005	172	51.9								
6/27/2005	218	52.0	95	44	4	34				
7/6/2005										
7/11/2005	128	33.7	71	28	6	18				
7/20/2005										
7/25/2005	72.6	26.4	55	19	5	13				
8/8/2005	116	39.8	58	26	4	22				
8/22/2005	200	43.6	88	38	5	30				
Blanchard R at Findlay WTP Pumphouse #2 (500360) - RM 62.40										
6/13/2005	150	40.1	102	40	3	19				
6/27/2005	145	35.7	86	40	3	17				
7/6/2005										
7/11/2005	120	31.7	87	35	4	14				
7/20/2005										
7/25/2005	100	28.5	76	25	4	12				
8/8/2005	128	34.2	94	34	3	14				
8/22/2005	130	35.1	91	38	4	19				
BUCKRUN CREEK										
Buckrun Ck at CR 162 (P05K30) - RM 3.57										
6/15/2005	52.6	58.1	75	27	2	28				
6/29/2005	62.8	54.0	46	26	<2	21				
7/13/2005	46.4	42.4	45	20	4	19				
7/27/2005	28.9	25.8	50	14	5	12				
8/10/2005	54.8	55.4	45	24	3	19				
8/24/2005	44.9	68.0	53	27	5	25				
BRIGHTS DITCH/STAHL DITCH SUB-BASIN										
Brights Ditch at TR 197 (P05K33) - RM 3.85										
6/15/2005	59.7	27.3	90	40	3	10				
6/29/2005	52.2	28.0	66	40	3	11				
7/27/2005	61.5	34.9	84	36	4	15				
8/10/2005	66.8	33.3	86	40	2	13				
8/24/2005	60.4	34.8	89	43	3	16				
Brights Ditch at CR 252 (P05K34) - RM 2.41										
6/15/2005	68.2	38.6	86	37	2	15				
6/29/2005	62.0	32.1	63	37	2	13				
7/13/2005	60.9	32.6	71	37	2	13				
7/27/2005	36.1	32.8	69	20	3	14				
8/10/2005	69.6	57.3	94	37	3	27				
8/24/2005	50.2	58.5	90	34	4	29				

DATE FIELD/COMME

BLANCHARD RIVER

Blanchard R at SR 37 (N of Mt Blanchard) (P05S74) - RM 75.57

6/1/2005
6/13/2005
6/22/2005
6/27/2005
7/6/2005 Bacteria run
7/7/2005
7/11/2005
7/20/2005 Bacteria run
7/21/2005
7/25/2005 PRESERVED @ NWDO
8/3/2005
8/8/2005
8/15/2005
8/22/2005

Blanchard R at TR 166 (P05S24) - RM 71.85

6/13/2005
6/27/2005
7/6/2005 Bacteria run
7/11/2005
7/20/2005 Bacteria run
7/25/2005
8/8/2005
8/22/2005

Blanchard R at Findlay WTP Pumphouse #2 (500360) - RM 62.40

6/13/2005
6/27/2005
7/6/2005 Bacteria run
7/11/2005
7/20/2005 Bacteria run
7/25/2005 PRESERVED @ NWDO
8/8/2005
8/22/2005

BUCKRUN CREEK

Buckrun Ck at CR 162 (P05K30) - RM 3.57

6/15/2005 HEAVY RAINFALL IN AREA PREVIOUS DAY
6/29/2005
7/13/2005
7/27/2005
8/10/2005 ONE DEAD FISH IN STREAM
8/24/2005

BRIGHTS DITCH/STAHL DITCH SUB-BASIN

Brights Ditch at TR 197 (P05K33) - RM 3.85

6/15/2005 HEAVY RAINFALL IN AREA PREVIOUS DAY
6/29/2005 ABUNDANT ALGAE IN STREAM. BRIDGE TORN OUT. SAMPLE COLLECTED UST. WORK ON BRIDGE PUTTING DIRT/STONE/DEBRIS INTO STREAM. PICTURE TAKEN
7/27/2005
8/10/2005 BRIDGE WORK FINISHED; CUT GRASS AND DIRT PUSHED INTO STREAM UST BRIDGE; SURFACE COVERED WITH SCUM/NUISANCE ALGAE
8/24/2005 ABUNDANT NUISANCE ALGAE PRESENT

Brights Ditch at CR 252 (P05K34) - RM 2.41

6/15/2005 STREAM CHOKED WITH NUISANCE ALGAE; HEAVY RAINFALL IN AREA PREVIOUS DAY
6/29/2005
7/13/2005
7/27/2005
8/10/2005
8/24/2005 WATER SURFACE COVERED WITH SCUM/ALGAE

DATE	Temp P10 C	D.O. P299 mg/L	D.O. P301 %	Sat. pH P400 S.U.	Field pH - Lab P403 S.U.	Flow P61 cfs	Gage P65 feet	Conduct. Field P94 umhos/cm	Conduct. @ 25C P95 umhos/cm	Secchi Depth meters	Acidity P70508 mg/L	Alkalinity P410 mg/L	E.coli P31648 #/100ml
Brights Ditch at TR 244 (P05K13) - RM 0.24													
6/15/2005	19.9	10.6	116.2	8.06					745		<5.0	261	
6/29/2005	22.7	9.6	111.5	8.01					714		<5.0	250	
7/13/2005	23.4	12.7	149	8.16					700		<5.0	270	
7/27/2005	19.9	5.0	55.1	6.79					544		<5.0	210	
8/10/2005	22.1	9.3	107.0	7.81					769		<5.0	306	
8/24/2005	18.1	9.5	100.6	7.92					749		<5.0	293	
Stahl Ditch at TR 199 (P05K31) - RM 7.27													
6/15/2005	19.5	5.1	45.3	7.50					820		<5.0	298	
6/29/2005	22.1	4.1	46.6	7.45					841		<5.0	297	
7/13/2005	23.1	3.3	39.1	7.40					751		<5.0	315	
7/27/2005	20.8	4.9	45.9	6.74					551		<5.0	178	
8/10/2005	21.5	3.8	42.7	7.24					845		<5.0	354	
8/24/2005	18.9	7.6	81.8	7.64					900		<5.0	373	
Stahl Ditch at TR 193 (P05K32) - RM 4.35													
6/15/2005	18.8	5.2	55.9	7.50					873		<5.0	308	
6/29/2005	20.1	6.5	72.1	7.60					908		<5.0	310	
7/13/2005	20.6	6.9	76.7	7.56					896		<5.0	336	
7/27/2005	20.6	5.0	55.9	7.02					455		<5.0	139	
8/10/2005	19.8	4.8	52.3	7.35					918		<5.0	346	
8/24/2005	16.7	5.6	67.5	7.54					913		<5.0	334	
THE OUTLET - LOWER (63.63)													
The Outlet - Lower (63.63) at Hancock/Seneca Co Line Rd (P05K36) - RM 7.68													
6/15/2005	18.3	8.1	86.4	7.74					769		<5.0	289	
6/29/2005	22.5	8.7	101.1	7.84					749		<5.0	250	
7/13/2005	22.5	8.9	102.9	7.90					743		<5.0	300	
7/27/2005	19.9	4.9	54.5	6.91					649		<5.0	212	
8/10/2005	21.5	7.2	81.2	7.71					804		<5.0	306	
8/24/2005	17.8	8.1	84.9	7.85							<5.0	293	
The Outlet - Lower (63.63) at CR 264 (P05K37) - RM 6.05													
6/15/2005	18.2	7.0	74.3	7.71					805		<5.0	271	
6/29/2005	20.7	5.7	63.4	7.53					794		<5.0	245	
7/13/2005	21.4	6.9	77.7	7.56					776		<5.0	273	
7/27/2005	20.9	5.7	54.5	6.74					396		<5.0	114	
8/10/2005	18.7	7.4	79.5	7.53					813		<5.0	294	
8/24/2005	16.4	8.3	84.6	7.53							<5.0	268	
The Outlet - Lower (63.63) at CR 330 (P05K38) - RM 4.47													
6/15/2005	20.5	6.6	73.2	7.70					836		<5.0	266	
6/29/2005	23.4	6.4	75.4	7.77					790		<5.0	244	
7/13/2005	23.9	6.1	72.7	7.76					776		<5.0	268	
7/27/2005	20.9	5.9	66.3	6.66					514		<5.0	138	
8/10/2005	22.2	7.9	90.7	7.74					842		<5.0	283	
8/24/2005	17.5	10.4	109.2	7.89							<5.0	289	
The Outlet - Lower (63.63) at SR 568 (P05K39) - RM 0.51													
6/15/2005	21.3	6.6	74.3	7.91					848		<5.0	259	
6/29/2005	23.8	5.9	69.5	7.95					814		<5.0	237	
7/13/2005	24.0	6.2	73.3	7.91					768		<5.0	293	
7/27/2005	21.4	6.2	70.3	6.92					493		<5.0	145	
8/10/2005	22.5	6.9	79.4	7.92					885		<5.0	283	
8/24/2005	17.5	8.1	84.2	8.08							<5.0	261	
LYE CREEK													
Lye Ck at CR 26 (P05K40) - RM 9.45													
6/15/2005	22.0	9.5	108.3	7.80					704		<5.0	203	
6/29/2005	25.0	8.9	107.2	7.81					1020		<5.0	245	
7/13/2005	27.4	8.7	109.7	7.81					881		<5.0	253	
7/27/2005	20.5	6.3	70.1	6.80					547		<5.0	125	
8/10/2005	26.7	10.5	131.2	7.99					893		<5.0	286	
8/24/2005	25.8	16	197.0	8.52					822		<5.0	235	

DATE	Total Hardness		Aluminum P1105 ug/L	Arsenic P1002 ug/L	Barium P1007 ug/L	Cadmium P1027 ug/L	Chromium P1034 ug/L	Copper P1042 ug/L	Iron P1045 ug/L	Lead P1051 ug/L	Manga- nese P1055 ug/L	Mercury P71900 ug/L	Nickel P1067 ug/L	Selenium P1147 ug/L	Strontium P1082 ug/L
	P900	P1105													
	mg/L	ug/L													
Brights Ditch at TR 244 (P05K13) - RM 0.24															
6/15/2005	363	<200	<2.0	139	<0.20	<30	<10	138	<2.0	<10	<0.20	<40	<2.0	13700	
6/29/2005	352	<200	<2.0	148	<0.20	<30	<10	64	<2.0	<10	<0.20	<40	<2.0	13800	
7/13/2005	342	<200	<2.0	143	<0.20	<30	<10	87	<2.0	12	<0.20	<40	<2.0	14300	
7/27/2005	280	781	<2.0	90	<0.20	<30	<10	1240	<2.0	43	<0.20	<40	<2.0	7140	
8/10/2005	395	<200	<2.0	166	<0.20	<30	<10	65	<2.0	<10	<0.20	<40	<2.0	19400	
8/24/2005	404	<200	<2.0	184	<0.20	<30	<10	<50	<2.0	<10	<0.20	<40	<2.0	16100	
Stahl Ditch at TR 199 (P05K31) - RM 7.27															
6/15/2005	412	<200	4.3	99	<0.20	<30	<10	564	<2.0	151	0.31	<40	<2.0	18100	
6/29/2005	413	<200	9.5	104	<0.20	<30	<10	665	<2.0	894	<0.20	<40	<2.0	21400	
7/13/2005	378	<200	7.0	98	<0.20	<30	<10	974	<2.0	403	<0.20	<40	<2.0	20400	
7/27/2005	221	1410	3.9	62	<0.20	<30	<10	2220	<2.0	60	<0.20	<40	<2.0	7310	
8/10/2005	412	472	7.7	101	<0.20	<30	<10	1540	<2.0	566	<0.20	<40	<2.0	19800	
8/24/2005	478	1840	5.5	120	<0.20	<30	<10	3180	<2.0	376	<0.20	<40	<2.0	25000	
Stahl Ditch at TR 193 (P05K32) - RM 4.35															
6/15/2005	443	<200	2.2	79	<0.20	<30	<10	357	<2.0	152	0.27	<40	<2.0	22000	
6/29/2005	462	<200	2.4	80	<0.20	<30	<10	271	<2.0	224	<0.20	<40	<2.0	24100	
7/13/2005	459	<200	3.4	76	<0.20	<30	<10	290	<2.0	205	<0.20	<40	<2.0	25100	
7/27/2005	198	3940	3.5	64	<0.20	<30	<10	5290	3.4	66	<0.20	<40	<2.0	4020	
8/10/2005	460	<200	2.8	73	<0.20	<30	<10	201	<2.0	180	<0.20	<40	<2.0	25400	
8/24/2005	509	<200	<2.0	76	<0.20	<30	<10	345	<2.0	70	<0.20	<40	<2.0	32200	
THE OUTLET - LOWER (63.63)															
The Outlet - Lower (63.63) at Hancock/Seneca Co Line Rd (P05K36) - RM 7.68															
6/15/2005	428	<200	<2.0	134	<0.20	<30	<10	439	<2.0	37	<0.20	<40	<2.0	4200	
6/29/2005	404	<200	<2.0	126	<0.20	<30	<10	279	<2.0	26	<0.20	<40	<2.0	3670	
7/13/2005	385	<200	<2.0	113	<0.20	<30	<10	147	<2.0	10	<0.20	<40	<2.0	4060	
7/27/2005	322	1690	2.3	105	<0.20	<30	<10	3380	<2.0	140	<0.20	<40	<2.0	3140	
8/10/2005	419	<200	<2.0	111	<0.20	<30	<10	242	<2.0	34	<0.20	<40	<2.0	4270	
8/24/2005	454	<200	<2.0	123	<0.20	<30	<10	172	<2.0	17	<0.20	<40	<2.0	4800	
The Outlet - Lower (63.63) at CR 264 (P05K37) - RM 6.05															
6/15/2005	434	<200	<2.0	127	<0.20	<30	<10	355	<2.0	62	<0.20	<40	<2.0	3350	
6/29/2005	413	<200	<2.0	113	<0.20	<30	<10	254	<2.0	53	<0.20	<40	<2.0	3240	
7/13/2005	414	<200	<2.0	106	<0.20	<30	<10	216	<2.0	39	<0.20	<40	<2.0	3480	
7/27/2005	172	3910	2.3	73	<0.20	<30	<10	5040	3.3	78	<0.20	<40	<2.0	853	
8/10/2005	431	<200	<2.0	110	<0.20	<30	<10	617	<2.0	230	<0.20	<40	<2.0	3540	
8/24/2005	448	<200	<2.0	102	<0.20	<30	<10	491	<2.0	205	<0.20	<40	<2.0	3670	
The Outlet - Lower (63.63) at CR 330 (P05K38) - RM 4.47															
6/15/2005	462	<200	<2.0	118	<0.20	<30	<10	462	<2.0	14	<0.20	<40	<2.0	4780	
6/29/2005	422	<200	<2.0	105	<0.20	<30	<10	181	<2.0	15	<0.20	<40	<2.0	4390	
7/13/2005	395	<200	<2.0	98	<0.20	<30	<10	424	<2.0	34	<0.20	<40	<2.0	4260	
7/27/2005	256	3660	3.1	91	<0.20	<30	<10	5400	3.1	192	<0.20	<40	<2.0	1870	
8/10/2005	443	<200	<2.0	93	<0.20	<30	<10	286	<2.0	47	<0.20	<40	<2.0	4750	
8/24/2005	441	<200	<2.0	83	<0.20	<30	<10	273	<2.0	14	<0.20	<40	<2.0	4810	
The Outlet - Lower (63.63) at SR 568 (P05K39) - RM 0.51															
6/15/2005	458	291	<2.0	108	<0.20	<30	<10	977	<2.0	76	<0.20	<40	<2.0	4840	
6/29/2005	423	357	<2.0	103	<0.20	<30	<10	763	<2.0	87	<0.20	<40	<2.0	4640	
7/13/2005	397	314	2.0	89	<0.20	<30	<10	737	<2.0	82	<0.20	<40	<2.0	4340	
7/27/2005	226	3540	2.8	72	<0.20	<30	<10	5360	3.4	144	<0.20	<40	<2.0	1540	
8/10/2005	459	<200	<2.0	89	<0.20	<30	<10	390	<2.0	55	<0.20	<40	<2.0	5520	
8/24/2005	447	<200	<2.0	81	<0.20	<30	<10	306	<2.0	54	<0.20	<40	<2.0	5140	
LYE CREEK															
Lye Ck at CR 26 (P05K40) - RM 9.45															
6/15/2005	341	<200	3.0	56	<0.20	<30	<10	330	<2.0	54	0.20	<40	<2.0	3430	
6/29/2005	367	<200	7.3	68	<0.20	<30	<10	546	<2.0	229	<0.20	<40	<2.0	6030	
7/13/2005	334	<200	7.3	64	0.41	<30	<10	591	<2.0	251	<0.20	<40	<2.0	6460	
7/27/2005	225	2300	<2.0	68	<0.20	<30	<10	3140	<2.0	60	<0.20	<40	<2.0	1300	
8/10/2005	350	<200	8.1	68	<0.20	<30	<10	330	<2.0	173	<0.20	<40	<2.0	6450	
8/24/2005	347	<200	5.3	51	<0.20	<30	<10	307	<2.0	57	<0.20	<40	<2.0	7340	

DATE	BOD5 P310 mg/L	CBOD5 P80082 mg/L	CBOD20 P80087 mg/L	TOC P680 mg/L	COD P340 mg/L	Nitrate + nitrite P630 mg/L	Nitrite P615 mg/L	Ammonia P610 mg/L	TKN P625 mg/L	Total Phosphorus P665 mg/L	Total Diss Phos P666 mg/L	Total Diss Solids P70300 mg/L	Total Susp Solids P530 mg/L
Brights Ditch at TR 244 (P05K13) - RM 0.24													
6/15/2005	<2.0				<10	3.84	0.023	0.100	0.49	<0.010		416	<5
6/29/2005	<2.0				<10	3.84	0.038	<0.050	0.58	<0.010		448	<5
7/13/2005	<2.0				12	3.27	0.141	<0.050	0.43	<0.010		406	5
7/27/2005	2.0				24	4.97	<0.020	<0.050	0.70	0.057		348	13
8/10/2005	<2.0				<10	4.13	0.038	0.058	0.37	<0.010		474	<5
8/24/2005	<2.0				14	4.91	<0.020	0.057	0.28	0.014		478	<5
Stahl Ditch at TR 199 (P05K31) - RM 7.27													
6/15/2005	<2.0				12	0.74	0.108	0.355	0.82	0.187		516	6
6/29/2005	<2.0				18	<0.10	<0.020	0.095	0.83	0.340		550	<5
7/13/2005	<2.0				14	<0.10	<0.020	0.154	0.55	0.672		470	11
7/27/2005	4.4				27	4.23	0.065	0.144	0.94	0.474		346	29
8/10/2005	3.5				14	<0.10	<0.020	0.430	0.75	0.269		532	26
8/24/2005	2.5				11	<0.10	<0.020	0.412	0.85	0.216		614	72
Stahl Ditch at TR 193 (P05K32) - RM 4.35													
6/15/2005	<2.0				<10	0.30	0.039	0.085	0.41	0.050		564	<5
6/29/2005	<2.0				15	0.11	<0.020	0.059	0.56	0.059		608	<5
7/13/2005	<2.0				<10	0.10	<0.020	0.056	0.36	0.049		594	<5
7/27/2005	2.9				24	7.56	0.032	0.077	0.76	0.503		334	33
8/10/2005	<2.0				<10	0.17	<0.020	0.086	<0.20	0.048		618	<5
8/24/2005	<2.0				<10	0.11	<0.020	0.079	0.22	<0.010		642	8
THE OUTLET - LOWER (63.63)													
The Outlet - Lower (63.63) at Hancock/Seneca Co Line Rd (P05K36) - RM 7.68													
6/15/2005	<2.0				20	5.88	0.169	0.156	1.00	0.011		500	<5
6/29/2005	<2.0				12	4.77	0.161	<0.050	0.83	0.013		476	<5
7/13/2005	<2.0				23	3.93	0.282	0.056	0.65	0.011		472	<5
7/27/2005	4.8				30	4.70	0.050	0.335	1.43	0.095		448	44
8/10/2005	<2.0				11	4.17	0.071	0.073	0.55	<0.010		514	<5
8/24/2005	<2.0				11	2.59	0.045	0.064	0.48	0.025		524	<5
The Outlet - Lower (63.63) at CR 264 (P05K37) - RM 6.05													
6/15/2005	<2.0				12	8.89	0.125	0.091	0.87	0.015		518	<5
6/29/2005	<2.0				15	7.96	0.090	0.058	0.96	<0.010		520	<5
7/13/2005	<2.0				14	6.35	0.110	0.055	0.46	<0.010		488	<5
7/27/2005	6.6				30	8.29	0.032	0.107	1.27	0.218		304	60
8/10/2005	<2.0				<10	6.96	0.069	0.095	0.44	<0.010		522	<5
8/24/2005	<2.0				11	5.47	0.046	0.101	0.42	0.040		528	10
The Outlet - Lower (63.63) at CR 330 (P05K38) - RM 4.47													
6/15/2005	<2.0				12	7.36	0.126	0.056	0.79	0.012		546	<5
6/29/2005	<2.0				21	5.48	0.060	<0.050	0.76	0.019		528	<5
7/13/2005	<2.0				17	5.58	0.060	0.057	0.64	0.018		492	7
7/27/2005	7.5				27	8.53	0.030	0.132	1.18	0.326		356	94
8/10/2005	<2.0				<10	5.60	0.047	0.058	0.46	<0.010		558	<5
8/24/2005	<2.0				11	4.15	<0.020	0.060	0.42	<0.010		566	<5
The Outlet - Lower (63.63) at SR 568 (P05K39) - RM 0.51													
6/15/2005	<2.0				12	5.89	0.046	0.075	0.68	0.052		556	18
6/29/2005	<2.0				21	3.38	0.030	0.084	1.00	0.114		544	14
7/13/2005	<2.0				17	3.50	0.028	0.098	0.61	0.061		500	6
7/27/2005	7.5 J				30	3.89	<0.020	0.073	0.92	0.230		334	117
8/10/2005	<2.0				<10	3.80	<0.020	0.089	0.42	<0.010		598	7
8/24/2005	<2.0				14	1.96	<0.020	0.068	0.43	0.045		572	<5
LYE CREEK													
Lye Ck at CR 26 (P05K40) - RM 9.45													
6/15/2005	<2.0				12	1.21	0.093	0.135	0.66	0.145		434	5
6/29/2005	4.7				24	<0.10	<0.020	0.307	1.34	0.266		622	7
7/13/2005	2.9				20	<0.10	<0.020	0.242	0.89	0.238		522	<5
7/27/2005	3.9				24	16.6	0.166	0.314	1.31	0.220		366	40
8/10/2005	<2.0				17	1.63	<0.020	0.119	0.68	0.031		522	<5
8/24/2005	3.3				14	<0.10	<0.020	0.148	0.54	0.026		508	9

DATE	Sulfate P945 mg/L	Chloride P940 mg/L	Calcium P916 mg/L	Magnesium P927 mg/L	Potassium P937 mg/L	Sodium P929 mg/L	Total Volatile Solids P505 mg/L	Fluoride P951 mg/L	Hexavalent Chromium P1220 ug/L	Oil & Grease P556 mg/L
Brights Ditch at TR 244 (P05K13) - RM 0.24										
6/15/2005	82.7	31.5	86	36	2	13				
6/29/2005	77.4	27.7	80	37	2	12				
7/13/2005	71.0	32.8	76	37	2	14				
7/27/2005	51.6	22.3	76	22	3	9				
8/10/2005	83.3	34.1	94	39	2	15				
8/24/2005	74.7	34.3	96	40	3	15				
Stahl Ditch at TR 199 (P05K31) - RM 7.27										
6/15/2005	95.1	32.0	99	40	3	15				
6/29/2005	119	28.6	96	42	3	16				
7/13/2005	98.3	21.3	87	39	3	13				
7/27/2005	52.2	44.4	54	21	6	28				
8/10/2005	108	26.0	99	40	4	17				
8/24/2005	143	26.8	124	41	5	20				
Stahl Ditch at TR 193 (P05K32) - RM 4.35										
6/15/2005	130	27.4	113	39	3	17				
6/29/2005	160	20.1	119	40	3	15				
7/13/2005	146	21.6	118	40	3	16				
7/27/2005	43.5	33.5	53	16	5	17				
8/10/2005	171	20.6	120	39	3	16				
8/24/2005	182	19.2	133	43	4	17				
<u>THE OUTLET - LOWER (63.63)</u>										
The Outlet - Lower (63.63) at Hancock/Seneca Co Line Rd (P05K36) - RM 7.68										
6/15/2005	81.8	21.1	102	42	3	6				
6/29/2005	109	26.7	94	41	3	8				
7/13/2005	97.0	25.0	90	39	4	7				
7/27/2005	101	32.4	83	28	6	16				
8/10/2005	118	30.7	102	40	3	8				
8/24/2005	122	30.3	111	43	3	8				
The Outlet - Lower (63.63) at CR 264 (P05K37) - RM 6.05										
6/15/2005	112	21.5	106	41	3	6				
6/29/2005	126	22.7	101	39	3	7				
7/13/2005	127	22.5	98	41	3	7				
7/27/2005	43.2	24.9	44	15	6	11				
8/10/2005	129	22.9	105	41	3	7				
8/24/2005	126	24.3	110	42	3	8				
The Outlet - Lower (63.63) at CR 330 (P05K38) - RM 4.47										
6/15/2005	136	21.8	114	43	3	7				
6/29/2005	135	21.7	103	40	3	7				
7/13/2005	126	21.6	94	39	3	7				
7/27/2005	83.5	23.9	68	21	6	9				
8/10/2005	162	22.8	108	42	3	7				
8/24/2005	164	26.0	109	41	3	9				
The Outlet - Lower (63.63) at SR 568 (P05K39) - RM 0.51										
6/15/2005	150	28.4	114	42	3	10				
6/29/2005	149	30.5	105	39	3	12				
7/13/2005	131	30.7	98	37	4	12				
7/27/2005	68.0	31.0	61	18	5	14				
8/10/2005	187	29.7	118	40	3	11				
8/24/2005	177	30.4	113	40	3	13				
<u>LYE CREEK</u>										
Lye Ck at CR 26 (P05K40) - RM 9.45										
6/15/2005	108	40.5	74	38	2	21				
6/29/2005	108	109	76	43	3	59				
7/13/2005	97.0	87.0	66	41	5	55				
7/27/2005	44.6	43.7	57	20	7	22				
8/10/2005	91.7	83.4	71	42	4	47				
8/24/2005	107	81.1	63	46	3	47				

DATE FIELD/COMME

Brights Ditch at TR 244 (P05K13) - RM 0.24

6/15/2005 HEAVY RAINFALL IN AREA PREVIOUS DAY, NUISANCE ALGAE PRESENT; SOME SCUM ON SURFACE ALONG EDGES
6/29/2005
7/13/2005
7/27/2005
8/10/2005
8/24/2005

Stahl Ditch at TR 199 (P05K31) - RM 7.27

6/15/2005 HEAVY RAINFALL IN AREA PREVIOUS DAY
6/29/2005 WATER SURFACE COVERED WITH DUCKWEED
7/13/2005 SURFACE COVERED WITH DUCKWEED
7/27/2005
8/10/2005 SURFACE COVERED WITH DUCKWEED; WATER MURKY; ONE DEAD FISH PRESENT
8/24/2005 WATER MURKY; COVERED WITH DUCKWEED

Stahl Ditch at TR 193 (P05K32) - RM 4.35

6/15/2005 HEAVY RAINFALL IN AREA PREVIOUS DAY
6/29/2005
7/13/2005
7/27/2005
8/10/2005
8/24/2005

THE OUTLET - LOWER (63.63)

The Outlet - Lower (63.63) at Hancock/Seneca Co Line Rd (P05K36) - RM 7.68

6/15/2005 HEAVY RAINFALL IN AREA PREVIOUS DAY
6/29/2005
7/13/2005
7/27/2005
8/10/2005
8/24/2005

The Outlet - Lower (63.63) at CR 264 (P05K37) - RM 6.05

6/15/2005 HEAVY RAINFALL IN AREA PREVIOUS DAY
6/29/2005
7/13/2005
7/27/2005
8/10/2005 ABUNDANT NUISANCE ALGAE; SCUM ACCUMULATING ON SOME PARTS OF SURFACE
8/24/2005

The Outlet - Lower (63.63) at CR 330 (P05K38) - RM 4.47

6/15/2005 HEAVY RAINFALL IN AREA PREVIOUS DAY, STREAM ADJ CATTLE FEEDLOT UST SAMPLE SITE
6/29/2005
7/13/2005
7/27/2005
8/10/2005
8/24/2005

The Outlet - Lower (63.63) at SR 568 (P05K39) - RM 0.51

6/15/2005 HEAVY THUNDERSTORMS IN AREA PREVIOUS DAY
6/29/2005
7/13/2005
7/27/2005 RAIN OVERNIGHT AND DURING COLLECTION STREAM IS UP
8/10/2005
8/24/2005

LYE CREEK

Lye Ck at CR 26 (P05K40) - RM 9.45

6/15/2005 HEAVY RAINFALL IN AREA PREVIOUS DAY
6/29/2005
7/13/2005
7/27/2005
8/10/2005 SAMPLED UST OF DEAD FISH DUMPED BY FISHERMAN
8/24/2005

DATE	Temp P10 C	D.O. P299 mg/L	D.O. P301 %	Sat. pH P400 S.U.	Field pH - Lab P403 S.U.	Flow P61 cfs	Gage P65 feet	Conduct. Field P94 umhos/cm	Conduct. @ 25C P95 umhos/cm	Secchi Depth meters	Acidity P70508 mg/L	Alkalinity P410 mg/L	E.coli P31648 #/100ml
Lye Ck Dst CR 26 (P05K50) - RM 9.44													
6/15/2005	21.9	9.7	110.7	7.87	8.14								
6/29/2005	24.3	8.4	100.0	7.50	7.90								
7/13/2005	25.7	5.8	71.3	7.51	8.02								
7/27/2005	20.6	6.5	72.7	6.90	7.36								
8/10/2005	24.3	6.7	80.4	7.54				1300		<5.0		326	
8/24/2005	21.6	8.0	99.5	7.84	7.98								
Lye Ck at TR 168 (P05K41) - RM 6.66													
6/15/2005	21.9	9.0	103.4	8.06					829	<5.0		230	
6/29/2005	26.3	9.8	120.8	8.06					768	<5.0		203	
7/13/2005	26.6	10.9	136.4	8.23					748	<5.0		223	
7/27/2005	20.7	5.8	64.8	6.76					467	<5.0		134	
8/10/2005	25.4	9.8	119.8	8.12					732	<5.0		214	
8/24/2005	21.3	11.2	126.5	8.40					712	<5.0		203	
Lye Ck at CR 205 (P05K42) - RM 2.63													
6/15/2005	22.6	12.5	145.0	8.22					661	<5.0		205	
6/29/2005	26.4	6.1	75.1	7.85					665	<5.0		202	
7/13/2005	26.9	11.8	148.4	8.45					572	<5.0		193	
7/27/2005	20.7	5.2	58.1	6.69					458	<5.0		148	
8/10/2005	24.6	8.5	102.6	7.85					647	<5.0		227	
8/24/2005	19.8	5.9	64.6	7.57					656	<5.0		218	

DATE	Total		Arsenic P1002 ug/L	Barium P1007 ug/L	Cadmium P1027 ug/L	Chromium P1034 ug/L	Copper P1042 ug/L	Iron P1045 ug/L	Lead P1051 ug/L	Manga- nese P1055 ug/L	Mercury P71900 ug/L	Nickel P1067 ug/L	Selenium P1147 ug/L	Strontium P1082 ug/L
	Hardness	Aluminum												
	P900 mg/L	P1105 ug/L												

Lye Ck Dst CR 26 (P05K50) - RM 9.44

6/15/2005
6/29/2005
7/13/2005
7/27/2005
8/10/2005
8/24/2005

Lye Ck at TR 168 (P05K41) - RM 6.66

6/15/2005	360	<200	3.3	80	<0.20	<30	<10	195	<2.0	28	<0.20	<40	<2.0	5930
6/29/2005	309	<200	6.4	87	<0.20	<30	<10	396	<2.0	93	<0.20	<40	<2.0	7530
7/13/2005	304	<200	6.0	89	<0.20	<30	<10	435	<2.0	54	<0.20	<40	<2.0	8530
7/27/2005	194	2430	2.5	65	<0.20	<30	<10	3180	2.1	49	<0.20	<40	<2.0	1550
8/10/2005	300	<200	5.4	81	<0.20	<30	<10	288	<2.0	44	<0.20	<40	<2.0	7820
8/24/2005	284	<200	3.7	71	<0.20	<30	<10	204	<2.0	26	<0.20	<40	<2.0	9980

Lye Ck at CR 205 (P05K42) - RM 2.63

6/15/2005	326	<200	3.7	93	<0.20	<30	<10	437	<2.0	35	<0.20	<40	<2.0	5080
6/29/2005	300	721	6.8	100	<0.20	<30	<10	1500	<2.0	191	<0.20	<40	<2.0	5480
7/13/2005	252	<200	4.2	79	<0.20	<30	<10	288	<2.0	39	<0.20	<40	<2.0	4870
7/27/2005	196	2230	2.1	80	<0.20	<30	<10	3020	2.4	51	<0.20	<40	<2.0	2030
8/10/2005	283	<200	3.9	85	<0.20	<30	<10	194	<2.0	52	<0.20	<40	<2.0	6000
8/24/2005	305	<200	3.0	95	<0.20	<30	<10	322	<2.0	96	<0.20	<40	<2.0	6850

DATE	BOD5 P310 mg/L	CBOD5 P80082 mg/L	CBOD20 P80087 mg/L	TOC P680 mg/L	COD P340 mg/L	Nitrate + nitrite P630 mg/L	Nitrite P615 mg/L	Ammonia P610 mg/L	TKN P625 mg/L	Total Phosphorus P665 mg/L	Total Diss Phos P666 mg/L	Total Diss Solids P70300 mg/L	Total Susp Solids P530 mg/L
Lye Ck Dst CR 26 (P05K50) - RM 9.44													
6/15/2005	3.4	3.0			14	1.11	0.092	0.389	1.12	0.106		458	5
6/29/2005	5.9	4.2			18	0.17	<0.020	0.467	1.48	0.242		640	19
7/13/2005	37	30			50	0.14	<0.020	1.85	2.78	0.566		616	50
7/27/2005	5.0	5.1			24	16.1	0.165	0.312	1.22	0.407		374	66
8/10/2005	6.7				23	<0.10	<0.020	3.24	4.69	0.505		738	7
8/24/2005	3.6	3.1			16	<0.10 J	<0.020	2.16	2.59	0.342		572	5
Lye Ck at TR 168 (P05K41) - RM 6.66													
6/15/2005	<2.0				12	0.98	0.073	0.100	0.81	0.138		490	<5
6/29/2005	3.1				27	0.28	<0.020	0.058	0.95	0.139		478	<5
7/13/2005	2.0				20	0.14	<0.020	0.067	0.82	0.092		452	7
7/27/2005	3.6				22	7.83	0.044	0.112	0.90	0.208		312	44
8/10/2005	<2.0				17	<0.10 J	<0.020	0.090	0.76	0.051		426	<5
8/24/2005	<2.0				22	<0.10	<0.020	0.093	0.66	0.023		428	9
Lye Ck at CR 205 (P05K42) - RM 2.63													
6/15/2005	<2.0				12	<0.10	<0.020	<0.050	0.75	0.074		398	8
6/29/2005	2.0				15	<0.10	<0.020	<0.050	0.72	0.134		416	29
7/13/2005	<2.0				14	<0.10	<0.020	<0.050	0.47	0.057		352	<5
7/27/2005	3.4				19	7.41	0.031	0.110	0.87	0.201		296	29
8/10/2005	<2.0				11	<0.10	<0.020	0.077	0.51	0.066		384	<5
8/24/2005	<2.0				14	<0.10	<0.020	0.105	0.48	0.040		404	6

DATE	Sulfate P945 mg/L	Chloride P940 mg/L	Calcium P916 mg/L	Magnesium P927 mg/L	Potassium P937 mg/L	Sodium P929 mg/L	Total Volatile Solids P505 mg/L	Fluoride P951 mg/L	Hexavalent Chromium P1220 ug/L	Oil & Grease P556 mg/L
------	-------------------------	--------------------------	-------------------------	---------------------------	---------------------------	------------------------	---	--------------------------	---	---------------------------------

Lye Ck Dst CR 26 (P05K50) - RM 9.44

6/15/2005									
6/29/2005									
7/13/2005									
7/27/2005									
8/10/2005	101	182							
8/24/2005									

Lye Ck at TR 168 (P05K41) - RM 6.66

6/15/2005	89.1	74.1	80	39	2	36			
6/29/2005	85.9	70.8	61	38	2	35			
7/13/2005	77.9	70.2	54	41	3	38			
7/27/2005	37.3	39.2	48	18	5	21			
8/10/2005	82.6	72.9	51	42	3	38			
8/24/2005	78.6	76.9	48	40	3	44			

Lye Ck at CR 205 (P05K42) - RM 2.63

6/15/2005	73.9	47.5	71	36	3	22			
6/29/2005	64.4	52.8	64	34	2	20			
7/13/2005	48.5	47.8	58	26	2	18			
7/27/2005	31.4	33.6	52	16	4	16			
8/10/2005	63.6	51.5	64	30	2	18			
8/24/2005	61.2	58.8	66	34	3	21			

DATE FIELD

Lye Ck Dst CR 26 (P05K50) - RM 9.44

6/15/2005 WATER FROM DISCH GRAY; BLACK SLUDGE DEPOSITS IN AREA AROUND DISCH; VERY SEPTIC ODOR; SOME SEWAGE MOLDS PRESENT ON ROCKS
6/29/2005 DISCHARGE GRAY/BLACK; BLACK SLUDGE DEPOSITS; SEWAGE BACTERIA/FUNGUS PRESENT; SEPTIC ODOR
7/13/2005 WATER GRAY/BLACK; BLACK SLUDGE DEPOSITS; SEWAGE MOLDS, GRAY BACTERIA SLIME PRESENT ON ROCKS. VERY SEPTIC ODOR.
7/27/2005
8/10/2005 WATER GRAY/BLACK; BLACK SLUDGE DEPOSITS; BLACK SOLIDS IN WATER COLUMN; VERY SEPTIC ODOR
8/24/2005

Lye Ck at TR 168 (P05K41) - RM 6.66

6/15/2005 HEAVY RAINFALL IN AREA PREVIOUS DAY
6/29/2005
7/13/2005
7/27/2005
8/10/2005 ABUNDANT NUISANCE ALGAE ON SURFACE
8/24/2005 SOME NUISANCE ALGAE PRESENT

Lye Ck at CR 205 (P05K42) - RM 2.63

6/15/2005 HEAVY RAINFALL IN AREA PREVIOUS DAY
6/29/2005 SOME NUISANCE ALGAE IN STREAM; SILTY
7/13/2005
7/27/2005
8/10/2005
8/24/2005

HUC 04100008 030 - Blanchard River (upstream Eagle Creek to upstream Ottawa Creek)

DATE	Temp P10 C	D.O. P299 mg/L	D.O. P301 %	Sat. pH P400 S.U.	Field pH - Lab P403 S.U.	Flow P61 cfs	Gage P65 feet	Conduct. Field P94 umhos/cm	Conduct. @ 25C P95 umhos/cm	Secchi Depth meters	Acidity P70508 mg/L	Alkalinity P410 mg/L	E.coli P31648 #/100ml
BLANCHARD RIVER													
Blanchard River at Main St (P05W01) - RM 57.73													
6/13/2005	24.2	7.6	90.5	8.47					818		<5.0	225	
6/27/2005	29.6	12.8	168.0	8.21					720		<5.0	171	
7/6/2005													
7/11/2005	26.2	13.7	69.2	8.68					628		<5.0	157	
7/20/2005													
7/25/2005	28.5	6.6	85.1	7.96					559		<5.0	154	
8/8/2005	27.3	12.5	157.8	8.04					644		<5.0	187	
8/22/2005	24.6	11.6	143.3	8.68					629		<5.0	180	
Blanchard R Dst Liberty St Dam (P05S61) - RM 57.30													
6/13/2005	24.7	7.6	91.2	7.76					804		<5.0	217	
6/27/2005	29.2	7.7	101.0	8.24					711		<5.0	166	
7/6/2005													
7/11/2005	26.4	8.4	103.9	8.35					629		<5.0	155	
7/20/2005													
7/25/2005	27.3	7.1	89.1	7.82					554		<5.0	148	
8/8/2005	27.1	8.0	100.9	7.75					632		<5.0	179	
8/22/2005	25.2	6.8	82.2	7.88					624		<5.0	185	
Blanchard R Jst Ust Broad St (P05W04) - RM 56.83													
6/13/2005	24.8	6.4	77.0	7.84					801		<5.0	224	
6/27/2005	29.3	6.4	84.2	7.87					708		<5.0	165	
7/6/2005													
7/11/2005	26.4	8.3	103.4	8.27					633		<5.0	159	
7/20/2005													
7/25/2005	28.4	6.9	88.7	7.91					550		<5.0	148	
8/8/2005	27.2	8.3	104.1	7.78					635		5.0	181	
8/22/2005	24.7	8.7	104.8	8.35					621		<5.0	184	
Findlay WWTP 001 Outfall To Blanchard R - Post 7/01 (P05E02) - RM 56.42													
6/13/2005	19.0	6.2	66.4	7.15					1010		<5.0	113	
6/27/2005	21.9	5.8	66.0	7.19					946		<5.0	97.1	
7/6/2005													
7/11/2005	21.7	6.1	69.8	7.26					913		<5.0	105	
7/20/2005													
7/25/2005	22.6	6.2	72.3	7.37					941		<5.0	153	
8/8/2005	23.4	6.1	70.6	6.84					950		<5.0	135	
8/22/2005	22.6	5.8	67.2	7.34					912		<5.0	115	
Blanchard R at CR 140 (500040) - RM 55.26													
2/2/2005	1.6	13.7	97.5	7.85					684		<5.0	287	
3/21/2005	5.9	13.9	8.30						805		<5.0	179	
4/20/2005	17.8	9.9	104.0	8.27					814		<5.0	186	
5/24/2005	15.9	9.1	92.0	8.05					790		<5.0	189	
6/1/2005	21.4	10.1	113.8	8.06		52.684			823		<5.0	195	
6/13/2005	23.1	5.7	66.4	7.94					870		<5.0	199	
6/22/2005	23.7	9.1	107.1	8.02		25.839			858		<5.0	170 PT	
6/27/2005	24.8	4.8	57.4	7.68					825		<5.0	142	
6/27/2005	25.6	5.6	68.9	7.52					823		<5.0	140	
7/6/2005													
7/7/2005	22.0	6.5	74.6	7.78					786		<5.0	167	
7/11/2005	22.6	5.8	67.7	7.84					745		<5.0	142	
7/13/2005	24.8	5.7	68.8	7.68					595		<5.0	142	
7/19/2005													
7/21/2005													
7/25/2005	25.7	5.8	70.6	7.75					596		<5.0	147	
8/3/2005													
8/8/2005	23.6	5.7	67.3	7.66					777		<5.0	167	
8/11/2005	24.4	5.7	68.2	7.44					810		<5.0	173	
8/15/2005	23.7	6.1	72.0	7.45		30.047			708		<5.0	171	
8/22/2005	21.3	5.4	60.0	7.66					738		<5.0	157	
9/6/2005	20.8	6.3	70.3	7.59					685		<5.0	153	

DATE	Total Hardness P900 mg/L	Aluminum P1105 ug/L	Arsenic P1002 ug/L	Barium P1007 ug/L	Cadmium P1027 ug/L	Chromium P1034 ug/L	Copper P1042 ug/L	Iron P1045 ug/L	Lead P1051 ug/L	Manga- nese P1055 ug/L	Mercury P71900 ug/L	Nickel P1067 ug/L	Selenium P1147 ug/L	Strontium P1082 ug/L
BLANCHARD RIVER														
Blanchard River at Main St (P05W01) - RM 57.73														
6/13/2005	389	<200	2.6	81	<0.20	<30	<10	289	<2.0	101	<0.20	<40	<2.0	6710
6/27/2005	331	<200	3.2	70	<0.20	<30	<10	156	<2.0	84	<0.20	<40	<2.0	5990
7/6/2005														
7/11/2005	291	<200	<2.0	63	<0.20	<30	<10	343	<2.0	54	<0.20	<40	<2.0	4900
7/20/2005														
7/25/2005	240	382	<2.0	58	<0.20	<30	<10	822	<2.0	38	<0.20	<40	<2.0	2550
8/8/2005	288	<200	2.5	66	<0.20	<30	<10	282	<2.0	55	<0.20	<40	<2.0	4530
8/22/2005	297	230	2.2	71	<0.20	<30	<10	411	<2.0	104	<0.20	<40	<2.0	5890
Blanchard R Dst Liberty St Dam (P05S61) - RM 57.30														
6/13/2005	370	<200	2.5	78	<0.20	<30	<10	246	<2.0	93	<0.20	<40	<2.0	5780
6/27/2005	326	<200	3.0	68	<0.20	<30	<10	154	<2.0	74	<0.20	<40	<2.0	6130
7/6/2005														
7/11/2005	283	<200	<2.0	60	<0.20	<30	<10	291	<2.0	38	<0.20	<40	<2.0	4740
7/20/2005														
7/25/2005	249	479	<2.0	62	<0.20	<30	<10	901	<2.0	43	<0.20	<40	<2.0	2610
8/8/2005	273	<200	2.1	61	<0.20	<30	<10	295	<2.0	44	<0.20	<40	<2.0	4150
8/22/2005	282	233	2.5	75	<0.20	<30	<10	427	<2.0	133	<0.20	<40	<2.0	5160
Blanchard R Jst Ust Broad St (P05W04) - RM 56.83														
6/13/2005	387	<200	2.7	81	<0.20	<30	<10	285	<2.0	75	<0.20	<40	<2.0	6570
6/27/2005	326	<200	2.8	69	<0.20	<30	<10	207	<2.0	78	<0.20	<40	<2.0	6430
7/6/2005														
7/11/2005	286	<200	<2.0	61	<0.20	<30	<10	321	<2.0	46	<0.20	<40	<2.0	4760
7/20/2005														
7/25/2005	242	363	<2.0	59	<0.20	<30	<10	758	<2.0	41	<0.20	<40	<2.0	2540
8/8/2005	273	<200	2.1	62	<0.20	<30	<10	344	<2.0	50	<0.20	<40	<2.0	4130
8/22/2005	287	204	3.0	71	<0.20	<30	<10	332	<2.0	124	<0.20	<40	<2.0	5630
Findlay WWTP 001 Outfall To Blanchard R - Post 7/01 (P05E02) - RM 56.42														
6/13/2005	266	<200	<2.0	<15	<0.20	<30	<10	99	<2.0	<10	<0.20	<40	<2.0	2580
6/27/2005	250	<200	<2.0	<15	<0.20	<30	<10	111	<2.0	<10	<0.20	<40	<2.0	2740
7/6/2005														
7/11/2005	234	<200	<2.0	<15	<0.20	<30	<10	95	<2.0	<10	<0.20	<40	<2.0	2640
7/20/2005														
7/25/2005	279	<200	<2.0	19	<0.20	<30	<10	65	<2.0	<10	<0.20	<40	<2.0	2700
8/8/2005	263	<200	<2.0	19	<0.20	<30	<10	118	<2.0	<10	<0.20	<40	<2.0	2810
8/22/2005	242	<200	<2.0	<15	<0.20	<30	<10	111	<2.0	28	<0.20	<40	<2.0	2770
Blanchard R at CR 140 (500040) - RM 55.26														
2/2/2005	414	<200	<2.0	70	<0.20	<30	<10	234	<2.0	37	<0.20	<40	<2.0	4840
3/21/2005	337	<200	<2.0	55	<0.20	<30	<10	365	<2.0	28	<0.20	<40	<2.0	3670
4/20/2005	384	243	<2.0	74	<0.20	<30	<10	629	<2.0	46	<0.20	<40	<2.0	4740
5/24/2005	342	<200	<2.0	60	<0.20	<30	<10	397	<2.0	30	<0.20	<40	<2.0	3950
6/1/2005	356	460	2.1	61	<0.20	<30	<10	323	<2.0	33	<0.20	<40	<2.0	4480
6/13/2005	351	<200	2.5	63	<0.20	<30	<10	270	<2.0	53	<0.20	<40	<2.0	4950
6/22/2005	333	<200	2.1	57	<0.20	<30	<10	318	<2.0	44	<0.20	<40	<2.0	5000
6/27/2005	296	<200	2.1	51	<0.20	<30	<10	570	<2.0	56	<0.20	<40	<2.0	4370
6/27/2005	300	<200	2.2	49	<0.20	<30	<10	333	<2.0	52	<0.20	<40	<2.0	4470
7/6/2005														
7/7/2005	307	<200	<2.0	56	<0.20	<30	<10	407	<2.0	39	<0.20	<40	<2.0	4100
7/11/2005	272	279	<2.0	47	<0.20	<30	<10	491	<2.0	55	<0.20	<40	<2.0	3840
7/13/2005	234	296	2.0	50	<0.20	<30	<10	603	<2.0	63	<0.20	<40	<2.0	3700
7/19/2005														
7/21/2005	209	1660	<2.0	53	<0.20	<30	<10	2300	<2.0	53		<40	<2.0	2020
7/25/2005	260	461	<2.0	55	<0.20	<30	<10	882	<2.0	40	<0.20	<40	<2.0	2580
8/3/2005	303	337	2.5	60	<0.20	<30	<10	647	<2.0	45		<40	<2.0	3300
8/8/2005	273	<200	<2.0	49	<0.20	<30	<10	533	<2.0	49	<0.20	<40	<2.0	3580
8/11/2005	293	256	2.0	49	<0.20	<30	<10	462	<2.0	46	<0.20	<40	<2.0	3780
8/15/2005	270	240	2.3	51	<0.20	<30	<10	461	<2.0	65		<40	<2.0	4000
8/22/2005	265	390	2.4	52	<0.20	<30	<10	619	<2.0	85	<0.20	<40	<2.0	3950
9/6/2005	263	660	2.3	52	<0.20	<30	<10	916	<2.0	49	<0.20	<40	<2.0	3110

DATE	BOD5 P310 mg/L	CBOD5 P80082 mg/L	CBOD20 P80087 mg/L	TOC P680 mg/L	COD P340 mg/L	Nitrate + nitrite P630 mg/L	Nitrite P615 mg/L	Ammonia P610 mg/L	TKN P625 mg/L	Total Phosphorus P665 mg/L	Total Diss Phos P666 mg/L	Total Diss Solids P70300 mg/L	Total Susp Solids P530 mg/L
BLANCHARD RIVER													
Blanchard River at Main St (P05W01) - RM 57.73													
6/13/2005	3.8				17	0.71	0.030	<0.050	0.74	0.120		514	12
6/27/2005	5.0 J				33	0.15	<0.020	0.063	0.64	0.054		470	8
7/6/2005													
7/11/2005	5.8				19	1.69	0.027	0.059	0.63	0.039		392	14
7/20/2005													
7/25/2005	2.0				18	8.42	0.064	0.068	0.86	0.084		352	17
8/8/2005	5.7				17	1.60	0.024	0.054	0.68	0.032		406	17
8/22/2005	7.9				13	0.52	<0.020	0.063	0.57	0.041		390	21
Blanchard R Dst Liberty St Dam (P05S61) - RM 57.30													
6/13/2005	3.6				17	0.67	0.031	0.050	0.86	0.112		492	8
6/27/2005	5.3				25	<0.10	<0.020	0.090	0.61	0.069		460	9
7/6/2005													
7/11/2005	3.9				13	1.75	0.024	0.087	0.73	0.034		388	8
7/20/2005													
7/25/2005	<2.0				24	8.49	0.067	0.094	0.86	0.078		356	23
8/8/2005	3.2				17	1.84	<0.020	0.100	0.76	0.033		394	11
8/22/2005	5.1				16	<0.10	<0.020	0.131	0.59	0.083		390	16
Blanchard R Jst Ust Broad St (P05W04) - RM 56.83													
6/13/2005	3.1				14	0.69	0.028	0.077	0.86	0.104		486	6
6/27/2005	3.0				19	0.10	<0.020	0.109	0.66	0.060		454	5
7/6/2005													
7/11/2005	3.5				13	1.66	0.026	0.083	0.61	0.038		404	7
7/20/2005													
7/25/2005	<2.0				18	8.63	0.065	0.085	1.05	0.098		348	19
8/8/2005	3.5				17	1.70	0.020	0.062	0.70	0.039		410	15
8/22/2005	6.2				16	<0.10	<0.020	0.080	0.57	0.074		390	14
Findlay WWTP 001 Outfall To Blanchard R - Post 7/01 (P05E02) - RM 56.42													
6/13/2005	<2.0				17	15.5	<0.020	<0.050	1.49	0.733		598	<5
6/27/2005	<2.0	<2.0			27	15.0	0.026	0.074	1.32	0.792		602	<5
7/6/2005													
7/11/2005	<2.0	<2.0			13	15.0	<0.020	0.081	1.10	0.856		556	<5
7/20/2005													
7/25/2005	<2.0	<2.0			16	14.0	<0.020	0.066	1.06	0.722		584	<5
8/8/2005	<2.0	<2.0			17	49.1	0.029	0.077	1.29	0.972		590	<5
8/22/2005	<2.0	<2.0			10	11.3	0.031	0.106	0.77	0.510		564	<5
Blanchard R at CR 140 (500040) - RM 55.26													
2/2/2005	<2.0				16	7.89	0.043	1.92	5.94	0.029		608	<5
3/21/2005	<2.0				18	3.64	<0.020	<0.050	0.44	0.047		510	7
4/20/2005	2.9				18	3.30	0.023	<0.050	0.69	0.097		496	16
5/24/2005	<2.0				21	4.21	0.025	0.054	0.88	0.178		482	7
6/1/2005	2.3				10	5.65	0.025	<0.050	1.04	0.329		514	8
6/13/2005	2.5				17	4.63	0.033	0.142	1.09	0.295	0.277	528	6
6/22/2005	3.4				<10	4.77	0.020	0.068	1.03	1.90	0.304	532	9
6/27/2005	2.9				25	6.74	0.022	0.096	1.07	0.414	0.403	536	12
6/27/2005	2.6				25	6.89	0.023	0.079	1.17	0.430		524	8
7/6/2005													
7/7/2005	2.1				19	6.37	0.023	0.072	0.94	0.268	0.226	502	15
7/11/2005	2.2				16	6.13	0.020	0.091	0.68	0.408	0.285	464	7
7/13/2005	3.6				20	2.90	0.039	0.085	0.60	0.148		366	19
7/19/2005													
7/21/2005	<2.0		6.5			8.80	0.089	0.188	0.75	0.254		336	49
7/25/2005	<2.0				16	8.51	0.056	0.118	0.79	0.189	0.176	378	23
8/3/2005	2.7		6.7			6.52	0.020	0.051	0.86	0.250		458	18
8/8/2005	2.4				16	6.91	0.020	0.114	0.99	0.613	0.441	484	18
8/11/2005	<2.0				17	6.64	0.022	0.111	0.98	0.063		492	15
8/15/2005	2.4				13	3.58	0.020	0.145	0.77	0.225		440	13
8/22/2005	3.2				10	4.55	<0.020	0.098	0.90	0.271	0.202 J	448	22
9/6/2005	<2.0				16	6.62	0.036	0.058	0.84	0.226		420	21

DATE	Sulfate P945 mg/L	Chloride P940 mg/L	Calcium P916 mg/L	Magnesium P927 mg/L	Potassium P937 mg/L	Sodium P929 mg/L	Total Volatile Solids P505 mg/L	Fluoride P951 mg/L	Hexavalent Chromium P1220 ug/L	Oil & Grease P556 mg/L
BLANCHARD RIVER										
Blanchard River at Main St (P05W01) - RM 57.73										
6/13/2005	134	52.5	93	38	3	26				<2.0
6/27/2005	143	49.5	70	38	3	24				2.0
7/6/2005										
7/11/2005	112	39.6	67	30	4	20				<2.0
7/20/2005										
7/25/2005	74.7	32.6	63	20	5	15				<2.0
8/8/2005	108	39.5	69	28	4	18				<2.0
8/22/2005	112	35.9	68	31	4	20				<2.0
Blanchard R Dst Liberty St Dam (P05S61) - RM 57.30										
6/13/2005	128	51.8	89	36	3	26				<2.0
6/27/2005	143	48.3	68	38	3	24				<2.0
7/6/2005										
7/11/2005	116	40.9	64	30	4	20				2.0
7/20/2005										
7/25/2005	73.3	31.6	65	21	5	15				<2.0
8/8/2005	107	40.7	65	27	4	18				<2.0
8/22/2005	107	35.6	65	29	3	19				<2.0
Blanchard R Jst Ust Broad St (P05W04) - RM 56.83										
6/13/2005	130	50.8	94	37	3	26				2.3
6/27/2005	142	49.2	68	38	3	25				<2.0
7/6/2005										
7/11/2005	118	41.4	65	30	4	20				2.0
7/20/2005										
7/25/2005	72.2	31.8	64	20	5	15				2.1
8/8/2005	104	40.1	65	27	4	18				2.0
8/22/2005	104	36.1	67	29	4	20				<2.0
Findlay WWTP 001 Outfall To Blanchard R - Post 7/01 (P05E02) - RM 56.42										
6/13/2005	150	113	67	24	11	91				
6/27/2005	150	109	64	22	11	96				2.4
7/6/2005										
7/11/2005	139	98.7	59	21	10	84				<2.0
7/20/2005										
7/25/2005	140	98.8	74	23	9	79				<2.0
8/8/2005	143	101	69	22	10	86				<2.0
8/22/2005	126	104	64	20	10	85				<2.0
Blanchard R at CR 140 (500040) - RM 55.26										
2/2/2005	153	75.0	108	35	4	48				
3/21/2005	130	63.2	84	31	3	32				
4/20/2005	219	51.7	96	35	3	30				
5/24/2005	117	55.1	86	31	4	33				
6/1/2005	124	65.1	90	32	5	42				
6/13/2005	137	70.1	86	33	5	43				
6/22/2005	136	71.3	79	33	6	50				
6/27/2005	147	78.2	69	30	6	54				
6/27/2005	149	76.8	69	31	7	57				
7/6/2005										
7/7/2005	138	65.6	75	29	6	45				
7/11/2005	123	65.6	66	26	6	44				
7/13/2005	94.8	48.9	56	23	4	30				
7/19/2005										
7/21/2005	70.2	35.5	54	18	5	21				
7/25/2005	84.4	44.9	68	22	6	27				
8/3/2005	101	54.1	80	25	5	35				
8/8/2005	119	67.9	68	25	6	46				
8/11/2005	128	71.3	73	27	7	51				
8/15/2005	117	62.4	67	25	5	40				
8/22/2005	114	64.4	65	25	6	46				
9/6/2005	101	56.6	69	22	7	37				

DATE FIELD COMME

BLANCHARD RIVER

Blanchard River at Main St (P05W01) - RM 57.73

6/13/2005
6/27/2005
7/6/2005 Bacteria run
7/11/2005
7/20/2005 Bacteria run
7/25/2005 PRESERVED @ NWDO
8/8/2005
8/22/2005

Blanchard R Dst Liberty St Dam (P05S61) - RM 57.30

6/13/2005
6/27/2005
7/6/2005 Bacteria run
7/11/2005
7/20/2005 Bacteria run
7/25/2005 PRESERVED @ NWDO
8/8/2005
8/22/2005

Blanchard R Jst Ust Broad St (P05W04) - RM 56.83

6/13/2005
6/27/2005
7/6/2005 Bacteria run
7/11/2005
7/20/2005 Bacteria run
7/25/2005 PRESERVED @ NWDO
8/8/2005
8/22/2005

Findlay WWTP 001 Outfall To Blanchard R - Post 7/01 (P05E02) - RM 56.42

6/13/2005
6/27/2005
7/6/2005 Bacteria run
7/11/2005 DO taken before disch. cascades over aerating "ladder" prior to discharge.
7/20/2005 Bacteria run
7/25/2005 PRESERVED @ NWDO
8/8/2005
8/22/2005

Blanchard R at CR 140 (500040) - RM 55.26

2/2/2005
3/21/2005
4/20/2005
5/24/2005
6/1/2005
6/13/2005
6/22/2005
6/27/2005
6/27/2005
7/6/2005 Bacteria run
7/7/2005
7/11/2005
7/13/2005
7/19/2005 Bacteria run
7/21/2005
7/25/2005
8/3/2005
8/8/2005
8/11/2005
8/15/2005 WATER SMELLS LIKE TREATED WWTP DISCHARGE
8/22/2005
9/6/2005

DATE	Temp P10 C	D.O. P299 mg/L	D.O. P301 %	Sat. pH P400 S.U.	Field pH - Lab P403 S.U.	Flow P61 cfs	Gage P65 feet	Conduct. Field P94 umhos/cm	Conduct. @ 25C P95 umhos/cm	Secchi Depth meters	Acidity P70508 mg/L	Alkalinity P410 mg/L	E.coli P31648 #/100ml
Blanchard R at CR 128 (P05P03) - RM 49.78													
6/13/2005	23.2	5.2	61.4	7.70					874		<5.0	193	
6/27/2005	25.6	4.8	50.6	7.68					862		<5.0	144	
7/6/2005													
7/11/2005	22.9	5.3	61.6	7.64					762		<5.0	145	
7/19/2005													
7/25/2005	26.5	5.3	66.2	7.67					631		<5.0	144	
8/8/2005	24.0	5.6	66.2	7.70					837		<5.0	174	
8/22/2005	21.7	6.7	76.5	7.80					690		<5.0	158	
Blanchard R at SR 235 (P05P29) - RM 46.49													
6/13/2005	23.5	5.0	59.1	7.64					888		<5.0	197	
6/27/2005	25.4	3.8	46.2	7.57					859		<5.0	151	
7/6/2005													
7/11/2005	23.2	4.9	57.9	7.56					726		<5.0	132	
7/19/2005													
7/25/2005	26.5	5.1	63.1	7.64					624		<5.0	146	
8/8/2005	24.0	5.5	66.0	7.72					851		<5.0	179	
8/22/2005	21.9	6.3	72.4	7.78					685		<5.0	147	
HYDRAULIC DITCH													
Hydraulic Ditch at US 30 (P05K43) - RM 1.50													
6/16/2005	19.0	9.1	98.3	8.01					709		<5.0	191	
6/30/2005	24.1	6.5	77.3	7.85					857		<5.0	182	
7/14/2005	22.8	5.5	63.5	7.62					1020		<5.0	221	
7/28/2005	20.1	7.5	85.8	7.60					522 B		<5.0	137	
8/11/2005	24.3	7.6	90.3	7.15					1320 RC		<5.0	229	
8/25/2005	20.8	8.1	90.8	7.82					1170 B		<5.0	242	
FLAT BRANCH													
Flat Branch at TR 68 (P05K44) - RM 1.11													
6/16/2005	19.5	5.8	63.2	7.46					797		<5.0	187	
6/30/2005	23.2	4.0	46.5	7.30					505		<5.0	147	
7/14/2005	22.0	3.9	44.9	7.41					520		<5.0	158	
7/28/2005	20.1	6.7	74.5	7.32					556 B		<5.0	97.1	
8/11/2005	23.8	5.2	62.0	7.51					713		<5.0	213	
8/25/2005	19.3	5.6	60.5	7.77					961 B		<5.0	219	
Flat Branch at TR 66 (P05K45) - RM 0.05													
6/16/2005	18.9	4.7	50.6	7.49					932		<5.0	225	
6/30/2005	23.2	4.2	49.2	7.72					875		<5.0	239	
7/14/2005	22.6	1.9	21.6	7.47					847		<5.0	276	
7/28/2005	20.0	6.7	74.0	7.40					524 B		<5.0	94.2	
8/11/2005	23.6	4.5	53.6	7.50					768		<5.0	230	
BUCK RUN													
Buck Run at TR 71 (P05K46) - RM 0.56													
6/16/2005	20.3	11.0	122.0	8.03					1360		<5.0	284	
6/30/2005	25.8	6.4	79.1	7.82					1580		<5.0	317	
7/14/2005	23.4	3.0	35.4	7.26					1480		<5.0 PT	303	
7/28/2005	20.8	5.9	66.1	7.41					989 B		<5.0	196	
8/11/2005	24.4	5.2	62.6	7.70					1390		<5.0	310	
8/25/2005	20.3	7.0	77.6	7.98					1520 B		<5.0	310	
EAGLE CREEK													
Eagle Ck at TR 27 (P05K47) - RM 17.69													
6/16/2005	20.9	12.6	140.6	8.08					1020		<5.0	215	
6/30/2005	24.8	7.8	94.0	7.83					1030		<5.0	195	
7/7/2005													
7/14/2005	23.3	4.8	56.8	7.50					1520		<5.0 PT	257	
7/21/2005													
7/28/2005	20.0	7.1	77.4	7.80					594 B		<5.0	133	
8/11/2005	24.9	7.6	92.1	7.79					1460		<5.0	256	
8/25/2005	20.3	7.5	83.2	7.70					1450 B		<5.0	249	

DATE	Total Hardness P900 mg/L	Aluminum P1105 ug/L	Arsenic P1002 ug/L	Barium P1007 ug/L	Cadmium P1027 ug/L	Chromium P1034 ug/L	Copper P1042 ug/L	Iron P1045 ug/L	Lead P1051 ug/L	Manga- nese P1055 ug/L	Mercury P71900 ug/L	Nickel P1067 ug/L	Selenium P1147 ug/L	Strontium P1082 ug/L
Blanchard R at CR 128 (P05P03) - RM 49.78														
6/13/2005	364	<200	<2.0	64	<0.20	<30	<10	228	<2.0	29	<0.20	<40	<2.0	6990
6/27/2005	322	<200	2.6	61	<0.20	<30	<10	320	<2.0	29	<0.20	<40	<2.0	7360
7/6/2005														
7/11/2005	301	292	<2.0	54	<0.20	<30	<10	500	<2.0	36	<0.20	<40	<2.0	5310
7/19/2005														
7/25/2005	264	357	<2.0	57	<0.20	<30	<10	751	<2.0	40	<0.20	<40	<2.0	3350
8/8/2005	316	<200	2.3	57	<0.20	<30	<10	493	<2.0	36	<0.20	<40	<2.0	5600
8/22/2005	278	355	2.6	52	<0.20	<30	<10	498	2.2	71	<0.20	<40	<2.0	5330
Blanchard R at SR 235 (P05P29) - RM 46.49														
6/13/2005	355	<200	<2.0	66	<0.20	<30	<10	389	<2.0	38	<0.20	<40	<2.0	7480
6/27/2005	341	<200	<2.0	71	<0.20	<30	<10	366	<2.0	38	<0.20	<40	<2.0	6580
7/6/2005														
7/11/2005	276	560	2.0	55	<0.20	<30	<10	912	2.4	45	<0.20	<40	<2.0	4960
7/19/2005														
7/25/2005	267	423	<2.0	58	<0.20	<30	<10	935	<2.0	44	<0.20	<40	<2.0	3310
8/8/2005	322	<200	2.2	60	<0.20	<30	<10	550	<2.0	37	<0.20	<40	<2.0	5700
8/22/2005	254	395	2.4	49	<0.20	<30	<10	594	2.4	60	<0.20	<40	<2.0	4670
HYDRAULIC DITCH														
Hydraulic Ditch at US 30 (P05K43) - RM 1.50														
6/16/2005	316	<200	2.6	45	<0.20	<30	<10	713	<2.0	34	<0.20	<40	<2.0	960
6/30/2005	325	702	4.5	60	<0.20	<30	<10	1450	<2.0	101	<0.20	<40	<2.0	914
7/14/2005	400	348	4.7	75	<0.20	<30	<10	806	<2.0	254	<0.20	<40	<2.0	1230
7/28/2005	224	950	2.2	50	<0.20	<30	<10	1730	<2.0	58	<0.20	<40	<2.0	554
8/11/2005	427	260	3.6	83	<0.20	<30	<10	560	<2.0	199	<0.20	<40	<2.0	1530
8/25/2005	422	680	3.1	96	<0.20	<30	<10	1200	<2.0	169	<0.20	<40	<2.0	1140
FLAT BRANCH														
Flat Branch at TR 68 (P05K44) - RM 1.11														
6/16/2005	299	270	5.3	42	<0.20	<30	<10	540	<2.0	132	<0.20	<40	<2.0	1050
6/30/2005	210	374	8.5	37	<0.20	<30	<10	915	<2.0	672	<0.20	<40	<2.0	777
7/14/2005	231	383	8.9	40	<0.20	<30	<10	814	<2.0	455	<0.20	<40	<2.0	906
7/28/2005	226	2430	2.3	62	<0.20	<30	<10	3350	<2.0	49	<0.20	<40	<2.0	389
8/11/2005	292	392	6.5	48	<0.20	<30	<10	619	<2.0	217	<0.20	<40	<2.0	1060
8/25/2005	329	236	5.3	56	<0.20	<30	<10	434	<2.0	240	<0.20	<40	<2.0	1360
Flat Branch at TR 66 (P05K45) - RM 0.05														
6/16/2005	385	298	6.1	48	<0.20	<30	<10	600	<2.0	246	<0.20	<40	<2.0	1790
6/30/2005	311	<200	8.9	40	<0.20	<30	<10	507	<2.0	654	<0.20	<40	<2.0	1520
7/14/2005	311	<200	14.8	46	<0.20	<30	<10	669	<2.0	1620	<0.20	<40	<2.0	1580
7/28/2005	203	3180	2.1	57	<0.20	<30	<10	4340	2.6	53	<0.20	<40	<2.0	429
8/11/2005	340	706	6.4	59	<0.20	<30	<10	1140	<2.0	852	<0.20	<40	<2.0	1160
BUCK RUN														
Buck Run at TR 71 (P05K46) - RM 0.56														
6/16/2005	448	<200	<2.0	49	<0.20	<30	<10	170	<2.0	12	<0.20	<40	<2.0	5530
6/30/2005	472	<200	<2.0	51	<0.20	<30	<10	272	<2.0	105	<0.20	<40	<2.0	6310
7/14/2005	434	<200	2.9	50	<0.20	<30	<10	354	<2.0	120	<0.20	<40	<2.0	5940
7/28/2005	303	320	<2.0	49	<0.20	<30	<10	745	<2.0	29	<0.20	<40	<2.0	2820
8/11/2005	376	239	<2.0	40	<0.20	<30	<10	599	<2.0	100	<0.20	<40	<2.0	5120
8/25/2005	339	<200	<2.0	34	<0.20	<30	<10	279	<2.0	40	<0.20	<40	<2.0	5180
EAGLE CREEK														
Eagle Ck at TR 27 (P05K47) - RM 17.69														
6/16/2005	494	<200	2.2	58	<0.20	<30	<10	202	<2.0	37	<0.20	<40	<2.0	3900
6/30/2005	470	<200	2.1	58	<0.20	<30	<10	444	<2.0	74	<0.20	<40	<2.0	4050
7/7/2005														
7/14/2005	858	<200	3.5	90	<0.20	<30	<10	356	<2.0	567	<0.20	<40	<2.0	11100
7/21/2005														
7/28/2005	253	2250	3.0	61	<0.20	<30	<10	3850	2.0	73	<0.20	<40	<2.0	901
8/11/2005	812	277	3.0	94	<0.20	<30	<10	536	<2.0	305	<0.20	<40	<2.0	10100
8/25/2005	808	214	<2.0	84	<0.20	<30	<10	474	<2.0	281	<0.20	<40	<2.0	10700

DATE	BOD5 P310 mg/L	CBOD5 P80082 mg/L	CBOD20 P80087 mg/L	TOC P680 mg/L	COD P340 mg/L	Nitrate + nitrite P630 mg/L	Nitrite P615 mg/L	Ammonia P610 mg/L	TKN P625 mg/L	Total Phosphorus P665 mg/L	Total Diss Phos P666 mg/L	Total Diss Solids P70300 mg/L	Total Susp Solids P530 mg/L
Blanchard R at CR 128 (P05P03) - RM 49.78													
6/13/2005	<2.0				14	3.34	0.033	0.057	1.01	0.226		536	<5
6/27/2005	<2.0				22	4.68	0.021	0.079	0.88	0.299		578	<5
7/6/2005													
7/11/2005	<2.0				13	4.86	<0.020	0.087	0.75	0.230		482	10
7/19/2005													
7/25/2005	<2.0				16	9.14	0.038	0.082	0.73	0.533		402	21
8/8/2005	<2.0				23	4.82	<0.020	0.081	0.80	0.243 J		532	13
8/22/2005	3.4				13	2.02	<0.020	0.067	0.58	0.187		430	15
Blanchard R at SR 235 (P05P29) - RM 46.49													
6/13/2005	<2.0				14	4.04	0.034	<0.050	0.82	0.237		540	7
6/27/2005	<2.0				22	13.8	0.023	0.071	0.90	0.264		582	10
7/6/2005													
7/11/2005	<2.0				44	4.73	<0.020	0.081	0.60	0.216		460	33
7/19/2005													
7/25/2005	<2.0				18	9.89	0.035	0.074	0.79	0.174		400	27
8/8/2005	<2.0				23	6.84	<0.020	0.081	0.76	0.236		544	13
8/22/2005	3.3				16	2.62	<0.020	0.094	0.61	0.197		420	19
HYDRAULIC DITCH													
Hydraulic Ditch at US 30 (P05K43) - RM 1.50													
6/16/2005	<2.0				<10	0.73	<0.020	<0.050	0.66	0.030		418	5
6/30/2005	<2.0				24	0.59	0.027	0.100	0.76	0.069		522	33
7/14/2005	<2.0				209	0.26	<0.020	0.095	1.16	0.071		610	17
7/28/2005	<2.0				15	11.9	0.276	0.278	1.28	0.139		336	37
8/11/2005	<2.0				17	0.33	<0.020	0.114	1.22	0.032		530 RC	20
8/25/2005	<2.0				19	<0.10	<0.020	0.104	0.91	0.071		736	33
FLAT BRANCH													
Flat Branch at TR 68 (P05K44) - RM 1.11													
6/16/2005	<2.0				17	0.24	0.026	0.104	0.80	0.080		450	6
6/30/2005	<2.0				32	5.68	0.024	0.214	0.99	0.222		298	15
7/14/2005	<2.0				189	0.15	<0.020	0.169	2.21 J	0.184		310	11
7/28/2005	2.3				21	18.7	0.155	0.137	1.25	0.157		386	30
8/11/2005	<2.0				23	0.77	<0.020	0.181	0.87	0.257		444	13
8/25/2005	<2.0				28	0.39	<0.020	0.145	1.24	0.164		606	11
Flat Branch at TR 66 (P05K45) - RM 0.05													
6/16/2005	<2.0				20	0.28	0.025	0.069	1.03	0.223		570	10
6/30/2005	4.5				38	0.18	<0.020	0.163	1.27	0.412		512	12
7/14/2005	<2.0				31	<0.10	<0.020	0.314	0.64	0.310		480	9
7/28/2005	2.3				21	19.9	0.140	0.132	1.16	0.159		382	36
8/11/2005	2.4				26	<0.10	<0.020	0.149	0.86	0.153		496	39
BUCK RUN													
Buck Run at TR 71 (P05K46) - RM 0.56													
6/16/2005	6.3				25	2.87	1.28	3.87	4.83	1.32		866	<5
6/30/2005	12				35	1.44	0.872	4.41	7.24	2.17		1060	13
7/14/2005	11				26	0.65	0.408	3.60	4.67	1.43		960	9
7/28/2005	3.5 J				15	17.1	0.328	0.274	1.44	0.973		644	11
8/11/2005	5.5 J				20	0.91	0.085	0.179	1.18	2.58		932	32
8/25/2005	<2.0				22	1.32	0.045	0.149	1.19	2.50		1030	8
EAGLE CREEK													
Eagle Ck at TR 27 (P05K47) - RM 17.69													
6/16/2005	<2.0				<10	0.25	0.030	<0.050	0.67	0.027		694	<5
6/30/2005	<2.0				15	0.49	0.039	0.067	0.65	0.040		700	6
7/7/2005													
7/14/2005	<2.0				14	<0.10	<0.020	0.106	0.47	0.010		1160	7
7/21/2005													
7/28/2005	2.0				18	12.8	0.163	0.163	1.11	0.149		388	76
8/11/2005	<2.0				13	<0.10	<0.020	0.076	0.28	<0.010		1160	9
8/25/2005	<2.0				11	<0.10	<0.020	0.113	0.34	0.017		1160	12

DATE	Sulfate P945 mg/L	Chloride P940 mg/L	Calcium P916 mg/L	Magnesium P927 mg/L	Potassium P937 mg/L	Sodium P929 mg/L	Total Volatile Solids P505 mg/L	Fluoride P951 mg/L	Hexavalent Chromium P1220 ug/L	Oil & Grease P556 mg/L
Blanchard R at CR 128 (P05P03) - RM 49.78										
6/13/2005	154	68.0	88	35		5	40			
6/27/2005	177	77.8	73	34		7	53			
7/6/2005										
7/11/2005	137	65.3	71	30		6	45			
7/19/2005										
7/25/2005	97.9	47.2	68	23		6	27			
8/8/2005	156	70.2	74	32		6	43			
8/22/2005	126	52.9	67	27		5	35			
Blanchard R at SR 235 (P05P29) - RM 46.49										
6/13/2005	157	70.8	86	34		5	43			
6/27/2005	175	78.5	79	35		7	56			
7/6/2005										
7/11/2005	126	65.4	66	27		6	42			
7/19/2005										
7/25/2005	96.3	44.5	69	23		6	24			
8/8/2005	158	71.5	76	32		6	45			
8/22/2005	116	57.1	62	24		6	39			
HYDRAULIC DITCH										
Hydraulic Ditch at US 30 (P05K43) - RM 1.50										
6/16/2005	90.9	52.8	74	32	<2		29			
6/30/2005	126	83.7	74	34		4	48			
7/14/2005	156	107	86	45		6	75			
7/28/2005	53.1	30.5	60	18		6	15			
8/11/2005	194	187	95	46		7	115			
8/25/2005	180	150	93	46		7	88			
FLAT BRANCH										
Flat Branch at TR 68 (P05K44) - RM 1.11										
6/16/2005	73.8	85.8	67	32		4	57			
6/30/2005	60.4	32.7	46	23		4	21			
7/14/2005	70.4	33.7	48	27		5	24			
7/28/2005	65.6	45.0	56	21		6	21			
8/11/2005	94.0	59.5	69	29		6	38			
8/25/2005	87.3	136	74	35		8	75			
Flat Branch at TR 66 (P05K45) - RM 0.05										
6/16/2005	162	78.4	80	45		5	54			
6/30/2005	70.9	89.9	67	35		5	59			
7/14/2005	39.4	90.2	67	35		5	65			
7/28/2005	58.4	41.8	50	19		6	21			
8/11/2005	107	62.1	80	34		6	37			
BUCK RUN										
Buck Run at TR 71 (P05K46) - RM 0.56										
6/16/2005	316	82.3	115	39		6	137			
6/30/2005	394	93.0	120	42		8	184			
7/14/2005	374	83.8	111	38		8	176			
7/28/2005	165	76.2	80	25		7	100			
8/11/2005	336	87.8	98	32		7	166			
8/25/2005	364	107	88	29		8	244			
EAGLE CREEK										
Eagle Ck at TR 27 (P05K47) - RM 17.69										
6/16/2005	250	57.2	112	52		3	41			
6/30/2005	279	58.9	104	51		4	41			
7/7/2005										
7/14/2005	613	40.6	182	98		5	56			
7/21/2005										
7/28/2005	77.3	42.7	65	22		6	22			
8/11/2005	619	33.6	170	94		5	45			
8/25/2005	618	42.0	167	95		5	53			

DATE FIELD/COMME

Blanchard R at CR 128 (P05P03) - RM 49.78

6/13/2005
6/27/2005
7/6/2005 Bacteria run
7/11/2005
7/19/2005 Bacteria run
7/25/2005
8/8/2005
8/22/2005

Blanchard R at SR 235 (P05P29) - RM 46.49

6/13/2005
6/27/2005
7/6/2005 Bacteria run
7/11/2005
7/19/2005 Bacteria run
7/25/2005
8/8/2005
8/22/2005

HYDRAULIC DITCH

Hydraulic Ditch at US 30 (P05K43) - RM 1.50

6/16/2005
6/30/2005 WATER TURBID
7/14/2005 STEADY LIGHT RAIN. HEAVY RAINFALL IN AREA PREVIOUS 2 NIGHTS
7/28/2005
8/11/2005
8/25/2005

FLAT BRANCH

Flat Branch at TR 68 (P05K44) - RM 1.11

6/16/2005
6/30/2005
7/14/2005 VERY LIGHT RAIN. HEAVY RAINFALL IN AREA PREVIOUS 2 NIGHTS
7/28/2005
8/11/2005
8/25/2005 WATER SURFACE SCUMMY; TRICKLING SEPTIC DISCHARGE JST UST - SINGLE HOME; A LOT OF WATER CONSIDERING TR 66 WAS DRY

Flat Branch at TR 66 (P05K45) - RM 0.05

6/16/2005
6/30/2005
7/14/2005 STEADY LIGHT RAIN. HEAVY RAINFALL IN AREA PREVIOUS 2 NIGHTS
7/28/2005
8/11/2005 THIN SHEEN ON WATER SURFACE (SCUMMY - STICKS TO BUCKET)

BUCK RUN

Buck Run at TR 71 (P05K46) - RM 0.56

6/16/2005 NUISANCE ALGAE PRESENT
6/30/2005
7/14/2005 LIGHT RAIN. HEAVY RAINFALL IN AREA PREVIOUS 2 NIGHTS
7/28/2005
8/11/2005
8/25/2005

EAGLE CREEK

Eagle Ck at TR 27 (P05K47) - RM 17.69

6/16/2005
6/30/2005
7/7/2005 Bacteria run
7/14/2005 STEADY RAIN. HEAVY RAINFALL IN AREA PREVIOUS 2 NIGHTS
7/21/2005 Bacteria run
7/28/2005
8/11/2005
8/25/2005

DATE	Temp P10 C	D.O. P299 mg/L	D.O. P301 %	Sat. pH P400 S.U.	Field pH - Lab P403 S.U.	Flow P61 cfs	Gage P65 feet	Conduct. Field P94 umhos/cm	Conduct. @ 25C P95 umhos/cm	Secchi Depth meters	Acidity P70508 mg/L	Alkalinity P410 mg/L	E.coli P31648 #/100ml
Eagle Ck at TR 32 (P05S16) - RM 13.94													
6/16/2005	19.2	4.7	51.3	7.53					984		<5.0	211	
6/30/2005	24.1	4.6	54.8	7.79					1010		<5.0	186	
7/7/2005													
7/14/2005	23.3	4.7	55.3	7.52					1180		<5.0 PT	204	
7/21/2005													
7/28/2005	20.3	7.4	81.9	7.42					488 B		<5.0	95.6	
8/11/2005	24.1	10.1	120.4	8.58					670 RC		<5.0	164	
8/25/2005	19.6	5.9	64.9	7.77					766 B		<5.0	162	
Eagle Ck at CR 24 (P05K06) - RM 11.57													
6/16/2005	18.7	5.9	63.6	7.66					1080		<5.0	230	
6/30/2005	23.8	6.0	71.5	7.92					1510		<5.0	308	
7/7/2005													
7/14/2005	22.6	4.9	56.9	7.31					1320		<5.0 PT	264	
7/21/2005													
7/28/2005	20.1	7.3	80.8	7.49					554 B		<5.0	110	
8/11/2005	23.1	5.7	66.4	7.83					1330		<5.0	306	
8/25/2005	17.8	6.7	70.8	8.16					1510 B		<5.0	341	
Eagle Ck at CR 26 (P05K48) - RM 9.12													
6/16/2005	19.4	5.5	59.6	7.64					1310		<5.0	232	
6/30/2005	25.2	4.9	59.3	7.78					1280		<5.0	227	
7/7/2005													
7/14/2005	24.0	3.6	43.2	7.46					1810		<5.0	271	
7/21/2005													
7/28/2005	20.2	7.2	79.4	7.48					596 B		<5.0	120	
8/11/2005	24.5	6.3	76.0	7.87					1330		<5.0	161	
8/25/2005	19.7	7.1	77.9	8.08					2140 B		<5.0	211	
Eagle Ck at Main St (500450) - RM 3.75													
6/16/2005	19.7	4.4	48.0	7.55					1070		<5.0	223	
6/30/2005	24.3	5.8	68.8	7.91					1140		<5.0	242	
7/7/2005													
7/14/2005	22.6	5.3	61.3	7.91					1100		<5.0 PT	253	
7/21/2005													
7/28/2005	20.6	7.0	78.4	7.40					661 B		<5.0	138	
8/11/2005	23.6	6.5	76.8	7.19					700		<5.0	193	
8/25/2005	19.4	6.5	70.8	7.93					741 B		<5.0	208	
Eagle Ck at Lincoln St (P05K49) - RM 0.45													
5/31/2005	17.4	7.3		7.32		5.508	14.12		829		<5.0	203	
6/16/2005	19.4	6.5	70.8	7.84			14.24		989		<5.0	217	
6/22/2005	21.8	5.9	67.3	7.86		1.022	14.30		1020		5.0	206 PT	
6/30/2005	24.2	4.4	53.3	7.75			14.32		934		<5.0	186	
7/7/2005	22.1	3.7	42.0	7.50		0.378	14.35		839		<5.0	200	
7/14/2005	23.6	4.1	48.7	7.48			14.28		606		<5.0	155	
7/20/2005													
7/21/2005													
7/28/2005	20.9	7.0	79.0	7.45			13.52		1020		<5.0	149	
8/3/2005													
8/11/2005	23.5	4.9	57.4	7.07			14.36		613		<5.0	177	
8/15/2005	22.7	4.5	52.5	7.44		0.581	14.35		424		<5.0	132	
8/25/2005	18.5	5.7	60.7	7.74			14.40		670 B		<5.0	213	
AURAND RUN													
Aurand Run at SR 12 (P05K51) - RM 1.96													
6/16/2005	17.1	5.1	52.5	7.60					1190		<5.0	219	
6/30/2005	22.4	3.3	38.7	7.39					1080		<5.0	174	
Aurand Run at TR 89 (P05P18) - RM 0.50													
7/28/2005	19.7	7.1	77.2	7.64					800 B		<5.0	176	
8/11/2005	21.9	6.5	73.8	7.77					651		<5.0	178	
8/25/2005	17.6	7.9	83.0	8.06					1230 B		<5.0	207	

DATE	Total Hardness		Aluminum P1105 ug/L	Arsenic P1002 ug/L	Barium P1007 ug/L	Cadmium P1027 ug/L	Chromium P1034 ug/L	Copper P1042 ug/L	Iron P1045 ug/L	Lead P1051 ug/L	Manga- nese P1055 ug/L	Mercury P71900 ug/L	Nickel P1067 ug/L	Selenium P1147 ug/L	Strontium P1082 ug/L
	P900	P1105													
	mg/L	ug/L													
Eagle Ck at TR 32 (P05S16) - RM 13.94															
6/16/2005	436	<200	5.1	60	<0.20	<30	<10	256	<2.0	116	<0.20	<40	<2.0	3340	
6/30/2005	419	<200	4.8	60	<0.20	<30	<10	272	<2.0	276	<0.20	<40	<2.0	3710	
7/7/2005															
7/14/2005	574	<200	5.0	81	<0.20	<30	<10	393	<2.0	249	<0.20	<40	<2.0	5260	
7/21/2005															
7/28/2005	201	3840	2.8	65	<0.20	<30	<10	5660	3.2	93	<0.20	<40	<2.0	540	
8/11/2005	292	395	2.7	55	<0.20	<30	<10	648	<2.0	122	<0.20	<40	<2.0	1780	
8/25/2005	330	661	4.8	71	<0.20	<30	<10	1170	<2.0	276	<0.20	<40	<2.0	2640	
Eagle Ck at CR 24 (P05K06) - RM 11.57															
6/16/2005	449	228	4.1	61	<0.20	<30	<10	428	<2.0	93	<0.20	<40	<2.0	4220	
6/30/2005	415	210	5.4	59	<0.20	<30	<10	603	<2.0	184	<0.20	<40	<2.0	5690	
7/7/2005															
7/14/2005	453	247	4.4	52	<0.20	<30	<10	549	<2.0	233	<0.20	<40	<2.0	6170	
7/21/2005															
7/28/2005	222	4140	3.5	68	<0.20	<30	<10	6600	3.1	88	<0.20	<40	<2.0	852	
8/11/2005	366	722	6.2	51	<0.20	<30	<10	1120	<2.0	254	<0.20	<40	<2.0	4740	
8/25/2005	364	616	5.1	43	<0.20	<30	<10	932	<2.0	130	<0.20	<40	<2.0	5520	
Eagle Ck at CR 26 (P05K48) - RM 9.12															
6/16/2005	471	310	4.5	72	<0.20	<30	<10	605	<2.0	134	<0.20	<40	<2.0	7400	
6/30/2005	438	<200	7.5	71	<0.20	<30	<10	461	<2.0	381	<0.20	<40	<2.0	6940	
7/7/2005															
7/14/2005	535	<200	8.4	93	<0.20	<30	<10	373	<2.0	252	<0.20	<40	<2.0	9810	
7/21/2005															
7/28/2005	238	4750	3.5	73	<0.20	<30	<10	7550	3.5	104	<0.20	<40	<2.0	1310	
8/11/2005	335	417	4.7	71	<0.20	<30	<10	713	<2.0	210	<0.20	<40	<2.0	6220	
8/25/2005	548	448	5.0	110	<0.20	<30	<10	765	<2.0	144	<0.20	<40	<2.0	13100	
Eagle Ck at Main St (500450) - RM 3.75															
6/16/2005	422	248	5.3	72	<0.20	<30	<10	493	<2.0	148	<0.20	<40	<2.0	5900	
6/30/2005	423	<200	6.3	67	<0.20	<30	<10	308	<2.0	216	<0.20	<40	<2.0	5620	
7/7/2005															
7/14/2005	450	241	8.6	76	0.24	<30	<10	570	3.1	226	<0.20	<40	<2.0	6020	
7/21/2005															
7/28/2005	241	1660	2.7	58	<0.20	<30	<10	2520	<2.0	58	<0.20	<40	<2.0	2370	
8/11/2005	284	250	2.6	60	<0.20	<30	<10	439	<2.0	69	<0.20	<40	<2.0	2980	
8/25/2005	323	426	5.4	55	<0.20	<30	<10	681	<2.0	138	<0.20	<40	<2.0	3680	
Eagle Ck at Lincoln St (P05K49) - RM 0.45															
5/31/2005	368	<200	2.5	69	<0.20	<30	<10	188	<2.0	49	<0.20	<40	<2.0	4100	
6/16/2005	384	<200	4.5	68	<0.20	<30	<10	243	<2.0	62	<0.20	<40	<2.0	5190	
6/22/2005	400	<200	3.4	75	<0.20	<30	<10	284	<2.0	85	<0.20	<40	<2.0	5730	
6/30/2005	346	<200	5.8	68	<0.20	<30	<10	364	<2.0	178	<0.20	<40	<2.0	4810	
7/7/2005	322	<200	5.0	62	<0.20	<30	<10	371	<2.0	177	<0.20	<40	<2.0	4830	
7/14/2005	248	<200	4.6	50	<0.20	<30	<10	321	<2.0	143	<0.20	<40	<2.0	3590	
7/20/2005	288	<200	2.9	62	<0.20	<30	<10	342	<2.0	44	<0.20	<40	<2.0	4000	
7/21/2005															
7/28/2005	303	824	2.7	78	<0.20	<30	<10	1440	<2.0	66	<0.20	<40	<2.0	4660	
8/3/2005	279	<200	3.2	64	<0.20	<30	<10	207	<2.0	49	<0.20	<40	<2.0	2870	
8/11/2005	248	<200	4.7	62	<0.20	<30	<10	494	<2.0	189	<0.20	<40	<2.0	2710	
8/15/2005	170	<200	3.1	43	<0.20	<30	<10	353	<2.0	107	<0.20	<40	<2.0	2240	
8/25/2005	284	230	3.7	68	<0.20	<30	<10	583	<2.0	209	<0.20	<40	<2.0	3350	
AURAND RUN															
Aurand Run at SR 12 (P05K51) - RM 1.96															
6/16/2005	593	240	<2.0	57	<0.20	<30	<10	200	<2.0	38	<0.20	<40	<2.0	24300	
6/30/2005	500	<200	4.3	54	<0.20	<30	<10	578	<2.0	281	<0.20	<40	<2.0	19700	
Aurand Run at TR 89 (P05P18) - RM 0.50															
7/28/2005	355	875	<2.0	52	<0.20	<30	<10	1510	<2.0	36	<0.20	<40	<2.0	9480	
8/11/2005	295	482	2.2	35	<0.20	<30	<10	859	<2.0	43	<0.20	<40	<2.0	10000	
8/25/2005	662	<200	<2.0	54	<0.20	<30	<10	212	<2.0	24	<0.20	<40	<2.0	27600	

DATE	BOD5 P310 mg/L	CBOD5 P80082 mg/L	CBOD20 P80087 mg/L	TOC P680 mg/L	COD P340 mg/L	Nitrate + nitrite P630 mg/L	Nitrite P615 mg/L	Ammonia P610 mg/L	TKN P625 mg/L	Total Phosphorus P665 mg/L	Total Diss Phos P666 mg/L	Total Diss Solids P70300 mg/L	Total Susp Solids P530 mg/L
Eagle Ck at TR 32 (P05S16) - RM 13.94													
6/16/2005	<2.0				17	0.15	0.023	0.075	0.71	0.077		636	<5
6/30/2005	2.1				29	<0.10	<0.020	<0.050	1.04	0.111 J		690	6
7/7/2005													
7/14/2005	4.9				23	0.48	<0.020	0.071	0.87	0.081		822	9
7/21/2005													
7/28/2005	3.0				24	15.7	0.129	0.166	1.18	0.176		364	53
8/11/2005	6.9				20	1.06	<0.020	0.057	0.82	0.025		820 RC	26
8/25/2005	4.2				28	0.46	<0.020	0.086	0.86	0.107		508	34
Eagle Ck at CR 24 (P05K06) - RM 11.57													
6/16/2005	2.1				20	1.46	0.261	0.434	1.26	0.500		716	12
6/30/2005	2.4				38	1.35	0.104	0.426	2.78	1.64		996	12
7/7/2005													
7/14/2005	3.4				26	1.33	0.115	0.686	1.50	1.11		880	12
7/21/2005													
7/28/2005	2.8				18	12.2	0.083	0.145	1.08	0.194		382	103
8/11/2005	<2.0				20	0.42	<0.020	0.176	0.97	1.89		898	28
8/25/2005	<2.0				25	0.44	<0.020	0.159	1.09	1.98		1040	22
Eagle Ck at CR 26 (P05K48) - RM 9.12													
6/16/2005	<2.0				18	0.27	0.039	0.158	1.34	0.309		798	12
6/30/2005	9.8				29	<0.10	<0.020	<0.050	3.06	0.444		794	14
7/7/2005													
7/14/2005	2.0				26	<0.10	<0.020	0.306	1.05	0.356		1090	11
7/21/2005													
7/28/2005	2.1				18	9.97	0.046	0.120	1.00	0.206		398	126
8/11/2005	6.5				28	<0.10	<0.020	0.066	1.47	0.023		788	30
8/25/2005	4.6				25	<0.10	<0.020	0.077	1.16	0.199		1340	31
Eagle Ck at Main St (500450) - RM 3.75													
6/16/2005	<2.0				14	0.23	0.031	0.159	1.27	0.265		658	11
6/30/2005	3.8 J				21	<0.10	<0.020	<0.050	0.85	0.229		702	7
7/7/2005													
7/14/2005	4.8				23	<0.10	<0.020	0.104	0.93	0.238		662	20
7/21/2005													
7/28/2005	<2.0				15	9.88	0.054	0.128	1.02	0.327		432	49
8/11/2005	<2.0				20	2.41	0.031	0.069	0.75	<0.010		418	13
8/25/2005	<2.0				22	<0.10	<0.020	0.106	0.65	0.228		468	20
Eagle Ck at Lincoln St (P05K49) - RM 0.45													
5/31/2005	<2.0				<10	0.66	0.028	0.100	0.87	0.062		500	<5
6/16/2005	<2.0				14	<0.10	<0.020	0.071	0.96	0.230	0.211	612 PT	5
6/22/2005	<2.0				15	<0.10	<0.020	0.124	1.06	0.170	0.133	626	<5
6/30/2005	2.6				32	0.23	0.023	0.167	1.10	0.217	0.158	572	<5
7/7/2005	<2.0				16	0.13	<0.020	0.152	0.83	0.728	0.262	512	10
7/14/2005	2.7				26	0.20	<0.020	0.179	0.82	0.204	0.167	358	10
7/20/2005	<2.0		7.8			14.2	0.454	0.202	1.03	0.116		524	9
7/21/2005													
7/28/2005	<2.0				15	7.37	0.058	0.111	1.58	0.178	0.136	614	28
8/3/2005	4.0		9.3			3.06	0.034	0.084	1.11	0.128		416	5
8/11/2005	3.1				23	0.14	<0.020	0.164	0.80	0.247	0.124	374	14
8/15/2005	<2.0				16	0.24	<0.020	0.202	0.58	0.234		252	9
8/25/2005	<2.0				19	0.16	<0.020	0.186	0.68	0.161	0.118	408	14
AURAND RUN													
Aurand Run at SR 12 (P05K51) - RM 1.96													
6/16/2005	<2.0				<10	1.00	0.036	0.081	0.58	0.051		830	<5
6/30/2005	2.1				18	4.21	0.034	0.263	0.92	0.185		768	13
Aurand Run at TR 89 (P05P18) - RM 0.50													
7/28/2005	<2.0				15	8.31	0.087	0.114	0.79	0.084		536	31
8/11/2005	<2.0				17	2.06	<0.020	0.104	0.57	0.016		406	22
8/25/2005	<2.0				<10	0.24	<0.020	0.091	0.25	0.027		948	8

DATE	Sulfate P945 mg/L	Chloride P940 mg/L	Calcium P916 mg/L	Magnesium P927 mg/L	Potassium P937 mg/L	Sodium P929 mg/L	Total Volatile Solids P505 mg/L	Fluoride P951 mg/L	Hexavalent Chromium P1220 ug/L	Oil & Grease P556 mg/L
Eagle Ck at TR 32 (P05S16) - RM 13.94										
6/16/2005	228	62.1	97	47	4	41				
6/30/2005	244	70.8	87	49	5	46				
7/7/2005										
7/14/2005	381	60.8	116	69	6	53				
7/21/2005										
7/28/2005	58.1	34.8	51	18	6	18				
8/11/2005	123	54.0	66	31	7	32				
8/25/2005	178	61.5	68	39	8	40				
Eagle Ck at CR 24 (P05K06) - RM 11.57										
6/16/2005	255	66.4	104	46	5	72				
6/30/2005	346	96.7	102	39	9	185				
7/7/2005										
7/14/2005	347	77.6	112	42	7	137				
7/21/2005										
7/28/2005	79.0	46.8	56	20	7	29				
8/11/2005	334	86.6	94	32	7	162				
8/25/2005	354	107	93	32	9	252				
Eagle Ck at CR 26 (P05K48) - RM 9.12										
6/16/2005	211	154	111	47	5	100				
6/30/2005	225	132	101	45	5	96				
7/7/2005										
7/14/2005	258	310	122	56	7	197				
7/21/2005										
7/28/2005	78.5	58.9	59	22	6	34				
8/11/2005	141	268	73	37	6	129				
8/25/2005	149	526	127	56	8	252				
Eagle Ck at Main St (500450) - RM 3.75										
6/16/2005	150	116	98	43	4	67				
6/30/2005	157	122	100	42	4	71				
7/7/2005										
7/14/2005	149	117	106	45	5	76				
7/21/2005										
7/28/2005	85.8	58.9	62	21	6	43				
8/11/2005	93.3	58.0	71	26	5	37				
8/25/2005	104	67.4	80	30	6	42				
Eagle Ck at Lincoln St (P05K49) - RM 0.45										
5/31/2005	125	71.5	88	36	3	40				
6/16/2005	135	102	88	40	4	58				
6/22/2005	143	110	91	42	4	60				
6/30/2005	124	102	76	38	4	58				
7/7/2005	117	87.6	73	34	4	48				
7/14/2005	82.6	58.0	55	27	4	35				
7/20/2005	127	58.4	71	27	7	52				
7/21/2005										
7/28/2005	82.1	168	77	27	6	88				
8/3/2005	92.6	59.5	69	26	6	36				
8/11/2005	74.2	54.6	58	25	5	33				
8/15/2005	54.3	30.0	40	17	3	19				
8/25/2005	76.2	55.6	66	29	5	32				
AURAND RUN										
Aurand Run at SR 12 (P05K51) - RM 1.96										
6/16/2005	361	62.6	132	64	6	30				
6/30/2005	324	62.4	108	56	7	30				
Aurand Run at TR 89 (P05P18) - RM 0.50										
7/28/2005	151	57.2	86	34	6	32				
8/11/2005	109	40.3	72	28	5	17				
8/25/2005	436	64.7	143	74	8	31				

DATE FIELD COMME

Eagle Ck at TR 32 (P05S16) - RM 13.94

6/16/2005
6/30/2005
7/7/2005 Bacteria run
7/14/2005 LIGHT RAIN. HEAVY RAINFALL IN AREA PREVIOUS 2 NIGHTS
7/21/2005 Bacteria run
7/28/2005
8/11/2005
8/25/2005

Eagle Ck at CR 24 (P05K06) - RM 11.57

6/16/2005
6/30/2005
7/7/2005 Bacteria run
7/14/2005 LIGHT RAIN. HEAVY RAINFALL IN AREA PREVIOUS 2 NIGHTS
7/21/2005 Bacteria run
7/28/2005
8/11/2005
8/25/2005

Eagle Ck at CR 26 (P05K48) - RM 9.12

6/16/2005
6/30/2005
7/7/2005 Bacteria run
7/14/2005 STEADY LIGHT RAIN. HEAVY RAINFALL IN AREA PREVIOUS 2 NIGHTS
7/21/2005 Bacteria run
7/28/2005
8/11/2005 WATER MURKY
8/25/2005

Eagle Ck at Main St (500450) - RM 3.75

6/16/2005 SOME OIL SHEEN ON SURFACE UNDER BRIDGE
6/30/2005 SCUM COVERING WATER SURFACE
7/7/2005 Bacteria run
7/14/2005 STEADY LIGHT RAIN. HEAVY RAINFALL IN AREA PREVIOUS 2 NIGHTS
7/21/2005 Bacteria run
7/28/2005
8/11/2005
8/25/2005

Eagle Ck at Lincoln St (P05K49) - RM 0.45

5/31/2005
6/16/2005
6/22/2005
6/30/2005
7/7/2005
7/14/2005 STEADY RAIN. HEAVY RAINFALL IN AREA PREVIOUS 2 NIGHTS
7/20/2005
7/21/2005 Bacteria run
7/28/2005
8/3/2005
8/11/2005
8/15/2005
8/25/2005

AURAND RUN

Aurand Run at SR 12 (P05K51) - RM 1.96

6/16/2005
6/30/2005 OILY SHEEN ON WATER SURFACE ALONG REW UST BRIDGE, UNDER, DST BRIDGE

Aurand Run at TR 89 (P05P18) - RM 0.50

7/28/2005 FLOW IS HIGH FROM RECENT RAIN
8/11/2005
8/25/2005

HUC 04100008 040 - Blanchard River (upstream Ottawa Creek to upstream Riley Creek)

DATE	Temp	D.O.	D.O.	Sat. pH	Field pH	Lab	Flow	Gage	Conduct.	Conduct.	Secchi	Acidity	Alkalinity	E.coli
	P10 C	P299 mg/L	P301 %	P400 S.U.	P403 S.U.	P61 cfs	P65 feet	Field P94 umhos/cm	@ 25C P95 umhos/cm	Depth meters	P70508 mg/L	P410 mg/L	P31648 #/100ml	
BLANCHARD RIVER														
Blanchard R at CR 53 (P05P13) - RM 41.31														
6/13/2005	23.4	5.6	66.0	7.54					854			<5.0	199	
6/27/2005	26.6	4.7	59.1	7.75					854			<5.0	170	
7/6/2005														
7/11/2005	23.7	5.3	63.3	7.68					710			<5.0	144	
7/19/2005														
7/25/2005	26.5	5.3	66.3	7.73					623			<5.0	154	
8/8/2005	24.4	5.7	68.2	7.85					847			<5.0	187	
8/22/2005	22.4	6.1	70.6	7.82					816			<5.0	162	
HIGBIE-REDICK DITCH														
Higbie-Redick Ditch at Union TR 59 (P05K07) - RM 0.76														
6/14/2005	24.6	12.2	145.5	8.13					1070			<5.0	277	
6/28/2005	23.0	6.9	80.7	7.57					1070			<5.0	261	
7/12/2005	24.9	6.4	76.8	7.81					1170			<5.0	287	
7/26/2005	26.5	10.8	134.2	7.88					890			<5.0	286	
8/9/2005	24.5	5.0	60.1	7.72					1100			<5.0	314	
8/23/2005	19.1	6.2	66.8	8.18					940			<5.0	302	
TIDERISHI CREEK														
Tiderishi Ck at Hancock CR 26 (P05K52) - RM 7.28														
6/14/2005	24.0	4.7	55.9	7.61					721			<5.0	214	
6/28/2005	23.3	6.0	69.9	7.68					924			<5.0	286	
7/12/2005	26.9	6.7	83.5	7.89					915			<5.0	297	
7/26/2005	25.0	4.7	56.7	7.58					670			<5.0	193	
8/9/2005	24.3	6.0	71.5	7.77					636			<5.0	166	
8/23/2005	19.1	4.8	52.0	7.91					835			<5.0	308	
Tiderishi Ck at Eagle TR 44 (P05K53) - RM 4.57														
6/14/2005	29.0	14.6	188.9	9.19					501			<5.0	134	
6/28/2005	25.0	3.8	45.6	7.61					866			<5.0	210	
7/26/2005	31.7	13.5	183.4	9.03					565			<5.0	135	
8/9/2005	26.5	11.7	145.2	8.68					882			<5.0	297	
Tiderishi Ck at Mouth (P05W28) - RM 0.01														
6/14/2005	22.8	9.2	106.7	7.93					874			<5.0	268	
6/28/2005	22.4	6.3	72.8	7.96					976			<5.0	291	
7/12/2005	23.7	8.1	94.9	8.11					1000			<5.0	344	
7/26/2005	25.0	9.5	113.8	8.06					865			<5.0	290	
8/9/2005	20.3	7.9	87.4	7.64					634			<5.0	215	
8/23/2005	18.4	10.1	107.7	8.33					952			<5.0	308	
OTTAWA CREEK														
Ottawa Ck at Hancock CR 12 (Orange Twp) (P05K54) - RM 18.52														
6/14/2005	25.6	8.1	98.6	8.04					903			<5.0	219	
6/28/2005	22.2	7.8	89.9	7.93					1120			<5.0	256	
7/7/2005														
7/12/2005	24.7	7.7	92.6	7.95					1290			<5.0	325	
7/18/2005														
7/26/2005	26.1	8.1	99.8	7.91					1130			<5.0	284	
8/9/2005	22.4	6.9	79.3	7.77					1280		7.6 RC	<5.0	302 RC	
8/23/2005	18.8	8.2	87.7	7.92					1310			<5.0	317	
Ottawa Ck at CR 12 (Union Twp) (P05K08) - RM 14.67														
6/14/2005	25.8	6.6	81.0	7.84					826			<5.0	181	
6/28/2005	23.0	7.3	85.6	7.93					883			<5.0	177	
7/7/2005														
7/12/2005	25.4	8.1	97.9	7.89					1010			<5.0	215	
7/18/2005														
7/26/2005	26.0	7.3	90.0	7.91					751			<5.0	183	
8/9/2005	24.0	7.6	90.8	7.99					965			<5.0	218	
8/23/2005	19.5	8.3	90.0	8.10					1020			<5.0	223	

DATE	Total Hardness P900 mg/L	Aluminum P1105 ug/L	Arsenic P1002 ug/L	Barium P1007 ug/L	Cadmium P1027 ug/L	Chromium P1034 ug/L	Copper P1042 ug/L	Iron P1045 ug/L	Lead P1051 ug/L	Manga- nese P1055 ug/L	Mercury P71900 ug/L	Nickel P1067 ug/L	Selenium P1147 ug/L	Strontium P1082 ug/L
BLANCHARD RIVER														
Blanchard R at CR 53 (P05P13) - RM 41.31														
6/13/2005	355	1400	2.7	76	<0.20	<30	<10	2330	2.3	84	<0.20	<40	<2.0	7090
6/27/2005	354	776	3.0	78	<0.20	<30	<10	1420	2.0	69	<0.20	<40	<2.0	6750
7/6/2005														
7/11/2005	265	867	2.3	56	<0.20	<30	<10	1490	2.5	54	<0.20	<40	<2.0	4470
7/19/2005														
7/25/2005	274	553	<2.0	61	<0.20	<30	<10	1140	<2.0	53	<0.20	<40	<2.0	3340
8/8/2005	326	630	2.5	67	<0.20	<30	<10	1270	<2.0	61	<0.20	<40	<2.0	5640
8/22/2005	299	712	3.2	63	<0.20	<30	<10	1040	2.7	53	<0.20	<40	<2.0	5290
HIGBIE-REDICK DITCH														
Higbie-Redick Ditch at Union TR 59 (P05K07) - RM 0.76														
6/14/2005	475	<200	5.5	62	<0.20	<30	<10	248	<2.0	61	<0.20	<40	<2.0	5570
6/28/2005	493	<200	5.9	61	<0.20	<30	<10	199	<2.0	139	<0.20	<40	<2.0	7530
7/12/2005	497	<200	7.5	56	<0.20	<30	<10	325	<2.0	261	<0.20	<40	<2.0	7790
7/26/2005	430	<200	4.8	65	<0.20	<30	<10	428	<2.0	137	<0.20	<40	<2.0	4640
8/9/2005	484	<200	6.6	70	<0.20	<30	<10	535	<2.0	818	<0.20	<40	<2.0	5810
8/23/2005	414	445	8.5	57	<0.20	<30	<10	828	<2.0	940	<0.20	<40	<2.0	4850
TIDERISHI CREEK														
Tiderishi Ck at Hancock CR 26 (P05K52) - RM 7.28														
6/14/2005	284	<200	5.6	50	<0.20	<30	<10	398	<2.0	126	<0.20	<40	<2.0	3940
6/28/2005	426	<200	12.4	103	<0.20	<30	<10	940	<2.0	2110	<0.20	<40	<2.0	11100
7/12/2005	383	205	16.7	94	<0.20	<30	<10	1110	<2.0	1690	<0.20	<40	<2.0	11000
7/26/2005	289	554	2.9	72	<0.20	<30	<10	990	<2.0	38	<0.20	<40	<2.0	3390
8/9/2005	224	335	6.6	60	<0.20	<30	<10	906	<2.0	215	<0.20	<40	<2.0	3280
8/23/2005	370	1030	7.0	106	<0.20	<30	<10	1670	<2.0	1090	<0.20	<40	<2.0	6660
Tiderishi Ck at Eagle TR 44 (P05K53) - RM 4.57														
6/14/2005	208	<200	2.9	36	<0.20	<30	<10	149	<2.0	<10	<0.20	<40	<2.0	2600
6/28/2005	304	<200	11.0	90	<0.20	<30	<10	959	<2.0	1280	<0.20	<40	<2.0	6420
7/26/2005	245	<200	2.0	54	<0.20	<30	<10	71	<2.0	<10	<0.20	<40	<2.0	2760
8/9/2005	438	<200	7.1	99	<0.20	<30	<10	548	<2.0	512	<0.20	<40	<2.0	8950
Tiderishi Ck at Mouth (P05W28) - RM 0.01														
6/14/2005	434	<200	<2.0	59	<0.20	<30	<10	317	<2.0	19	<0.20	<40	<2.0	20600
6/28/2005	506	<200	2.0	59	<0.20	<30	<10	120	<2.0	11	<0.20	<40	<2.0	34600
7/12/2005	488	<200	2.1	52	<0.20	<30	<10	118	<2.0	26	<0.20	<40	<2.0	30800
7/26/2005	455	<200	<2.0	64	<0.20	<30	<10	143	<2.0	23	<0.20	<40	<2.0	23700
8/9/2005	312	1220	<2.0	55	<0.20	<30	<10	1780	<2.0	45	<0.20	<40	<2.0	9040
8/23/2005	527	<200	<2.0	50	<0.20	<30	<10	165	<2.0	29	<0.20	<40	<2.0	31000
OTTAWA CREEK														
Ottawa Ck at Hancock CR 12 (Orange Twp) (P05K54) - RM 18.52														
6/14/2005	433	<200	2.6	64	<0.20	<30	<10	370	<2.0	48	<0.20	<40	<2.0	3820
6/28/2005	597	<200	3.5	53	<0.20	<30	<10	252	<2.0	102	<0.20	<40	<2.0	7230
7/7/2005														
7/12/2005	674	<200	3.6	56	<0.20	<30	<10	353	<2.0	123	<0.20	<40	<2.0	8450
7/18/2005														
7/26/2005	605	<200	4.6	58	<0.20	<30	<10	392	<2.0	131	<0.20	<40	<2.0	6850
8/9/2005	684	<200	3.9	55	<0.20	<30	<10	387	<2.0	190	<0.20	<40	<2.0	7650
8/23/2005	734	<200	3.6	52	<0.20	<30	<10	328	<2.0	145	<0.20	<40	<2.0	8850
Ottawa Ck at CR 12 (Union Twp) (P05K08) - RM 14.67														
6/14/2005	361	<200	3.2	55	<0.20	<30	<10	658	<2.0	82	<0.20	<40	<2.0	3550
6/28/2005	402	<200	2.6	58	<0.20	<30	<10	259	<2.0	107	<0.20	<40	<2.0	3880
7/7/2005														
7/12/2005	425	<200	3.6	59	<0.20	<30	<10	618	<2.0	192	<0.20	<40	<2.0	4280
7/18/2005														
7/26/2005	324	<200	3.3	51	<0.20	<30	<10	466	<2.0	96	<0.20	<40	<2.0	2780
8/9/2005	403	<200	3.4	59	<0.20	<30	<10	560	<2.0	147	<0.20	<40	<2.0	3750
8/23/2005	469	<200	3.2	63	<0.20	<30	<10	284	<2.0	127	<0.20	<40	<2.0	4630

DATE	BOD5 P310 mg/L	CBOD5 P80082 mg/L	CBOD20 P80087 mg/L	TOC P680 mg/L	COD P340 mg/L	Nitrate + nitrite P630 mg/L	Nitrite P615 mg/L	Ammonia P610 mg/L	TKN P625 mg/L	Total Phosphorus P665 mg/L	Total Diss Phos P666 mg/L	Total Diss Solids P70300 mg/L	Total Susp Solids P530 mg/L
BLANCHARD RIVER													
Blanchard R at CR 53 (P05P13) - RM 41.31													
6/13/2005	<2.0				12	3.58	0.034	0.065	0.81	0.231		526	56
6/27/2005	<2.0				19	2.90	<0.020	0.073	0.72	0.216		572	29
7/6/2005													
7/11/2005	<2.0				13	4.28	<0.020	0.075	0.59	0.220		436	25
7/19/2005													
7/25/2005	<2.0				13	10.4	0.036	0.068	0.74	0.180		402	32
8/8/2005	<2.0				16	4.45	<0.020	0.080	0.72	0.222		534	30
8/22/2005	<2.0				10	4.42	<0.020	0.117	0.67	0.302		504	26
HIGBIE-REDICK DITCH													
Higbie-Redick Ditch at Union TR 59 (P05K07) - RM 0.76													
6/14/2005	<2.0				12	1.38	0.142	0.097	0.81	0.231		688	<5
6/28/2005	<2.0				22	1.44	0.082	0.112	0.83	0.302		722	9
7/12/2005	<2.0				23	<0.10 UJ	<0.020	0.110	0.69	0.317		748	6
7/26/2005	<2.0				13	1.49	0.030	0.097	0.54	0.205		582	6
8/9/2005	13 J				16	0.56 J	0.037	0.183	0.74	0.144		726	14
8/23/2005	17				42	<0.10	<0.020	0.057	0.85	0.587		598	44
TIDERISHI CREEK													
Tiderishi Ck at Hancock CR 26 (P05K52) - RM 7.28													
6/14/2005	2.6				17	1.06	0.116	0.217	1.06	0.383		420	<5
6/28/2005	11				25	3.99	<0.020	0.152	1.44	0.704		590	19
7/12/2005	11				33	<0.10	<0.020	0.114	1.13	0.580		550	27
7/26/2005	4.9				24	6.25	0.201	0.323	1.21	0.441		434	21
8/9/2005	5.8 J				30	<0.10	<0.020	0.086	1.31	<0.010		410	37
8/23/2005	3.5				33	<0.10	<0.020	0.378	1.24	0.184		506	43
Tiderishi Ck at Eagle TR 44 (P05K53) - RM 4.57													
6/14/2005	<2.0				14	0.19	0.160	0.057	0.83	0.032		296	<5
6/28/2005	11				42	0.18	<0.020	<0.050	1.93	0.346		522	22
7/26/2005	2.6				21	14.0	0.172	0.091	0.88	0.100		380	<5
8/9/2005	<2.0 UJ				19	<0.10	<0.020	0.233	0.85	0.142		568	8
Tiderishi Ck at Mouth (P05W28) - RM 0.01													
6/14/2005	<2.0				<10	0.77 J	0.081	0.073	0.56	0.071		566	<5
6/28/2005	<2.0				<10	0.23	<0.020	<0.050	0.23	0.095		694	<5
7/12/2005	<2.0				<10	<0.10	<0.020	0.067	<0.20	0.045		700	<5
7/26/2005	<2.0				10	5.97	0.065	0.094	0.35	0.082		606	<5
8/9/2005	3.0 J				16	7.21	0.025	0.145	0.53	0.058		424	20
8/23/2005	<2.0				<10	<0.10	<0.020	0.058	<0.20	0.030		684	<5
OTTAWA CREEK													
Ottawa Ck at Hancock CR 12 (Orange Twp) (P05K54) - RM 18.52													
6/14/2005	<2.0				<10	0.53	0.058	0.121	0.61	0.080		600	<5
6/28/2005	<2.0				13	0.32	<0.020	0.075	0.53	0.172		830	<5
7/7/2005													
7/12/2005	<2.0				14	<0.10	<0.020	0.076	0.39	0.109		952	6
7/18/2005													
7/26/2005	<2.0				10	0.12	<0.020	0.108	0.43	0.108		824	6
8/9/2005	<2.0 UJ				<10	0.11	<0.020	0.109	0.31	0.108		978	10
8/23/2005	<2.0				33	<0.10	<0.020	0.067	0.30	0.110		990	12
Ottawa Ck at CR 12 (Union Twp) (P05K08) - RM 14.67													
6/14/2005	<2.0				12	0.29	0.056	0.117	0.75	0.053		514	27
6/28/2005	<2.0				19	1.29	0.119	0.111	0.80	0.073		598	<5
7/7/2005													
7/12/2005	<2.0				17	<0.10	<0.020	0.116	0.54	0.082		680	14
7/18/2005													
7/26/2005	<2.0				16	1.18	0.026	0.156	0.59	0.174		490	9
8/9/2005	<2.0 UJ				16	<0.10	<0.020	0.136	0.60	0.019		644	22
8/23/2005	<2.0				16	<0.10	<0.020	0.123	1.38	0.058		688	5

DATE	Sulfate P945 mg/L	Chloride P940 mg/L	Calcium P916 mg/L	Magnesium P927 mg/L	Potassium P937 mg/L	Sodium P929 mg/L	Total Volatile Solids P505 mg/L	Fluoride P951 mg/L	Hexavalent Chromium P1220 ug/L	Oil & Grease P556 mg/L
BLANCHARD RIVER										
Blanchard R at CR 53 (P05P13) - RM 41.31										
6/13/2005	145	66.8	86	34	5	38				
6/27/2005	169	74.6	84	35	7	51				
7/6/2005										
7/11/2005	124	62.0	65	25	5	40				
7/19/2005										
7/25/2005	91.1	42.6	72	23	5	24				
8/8/2005	149	70.0	78	32	6	44				
8/22/2005	133	73.5	72	29	7	53				
HIGBIE-REDICK DITCH										
Higbie-Redick Ditch at Union TR 59 (P05K07) - RM 0.76										
6/14/2005	198	76.2	111	48	4	47				
6/28/2005	216	76.4	110	53	5	53				
7/12/2005	235	84.9	105	57	6	63				
7/26/2005	136	64.4	103	42	6	43				
8/9/2005	196	78.1	113	49	5	51				
8/23/2005	140	64.4	90	46	7	42				
TIDERISHI CREEK										
Tiderishi Ck at Hancock CR 26 (P05K52) - RM 7.28										
6/14/2005	56.7	67.9	66	29	3	32				
6/28/2005	67.6	94.9	103	41	5	39				
7/12/2005	68.4	88.5	89	39	4	38				
7/26/2005	67.1	57.0	73	26	9	28				
8/9/2005	54.8	76.1	45	27	5	36				
8/23/2005	36.1	80.6	89	36	5	39				
Tiderishi Ck at Eagle TR 44 (P05K53) - RM 4.57										
6/14/2005	55.8	54.2	39	27	3	22				
6/28/2005	42.0	113	56	40	14	61				
7/26/2005	59.7	48.4	57	25	5	21				
8/9/2005	80.6	78.4	108	41	5	38				
Tiderishi Ck at Mouth (P05W28) - RM 0.01										
6/14/2005	159	40.0	106	41	3	17				
6/28/2005	208	34.1	122	49	3	16				
7/12/2005	209	34.8	118	47	3	15				
7/26/2005	162	34.4	113	42	5	16				
8/9/2005	81.5	22.9	82	26	3	8				
8/23/2005	201	31.8	127	51	3	16				
OTTAWA CREEK										
Ottawa Ck at Hancock CR 12 (Orange Twp) (P05K54) - RM 18.52										
6/14/2005	222	39.8	101	44	4	28				
6/28/2005	364	29.8	137	62	4	33				
7/7/2005										
7/12/2005	413	24.9	153	71	4	33				
7/18/2005										
7/26/2005	331	42.0	140	62	6	40				
8/9/2005	421	29.6	155	72	5	35				
8/23/2005	434	24.1	167	77	5	36				
Ottawa Ck at CR 12 (Union Twp) (P05K08) - RM 14.67										
6/14/2005	180	54.6	77	41	4	33				
6/28/2005	226	48.9	87	45	4	35				
7/7/2005										
7/12/2005	286	48.2	86	51	4	36				
7/18/2005										
7/26/2005	140	60.4	72	35	5	40				
8/9/2005	234	66.5	84	47	5	41				
8/23/2005	268	59.5	94	57	5	46				

DATE FIELD COMME

BLANCHARD RIVER

Blanchard R at CR 53 (P05P13) - RM 41.31

6/13/2005
6/27/2005
7/6/2005 Bacteria run
7/11/2005
7/19/2005 Bacteria run
7/25/2005
8/8/2005
8/22/2005

HIGBIE-REDICK DITCH

Higbie-Redick Ditch at Union TR 59 (P05K07) - RM 0.76

6/14/2005
6/28/2005
7/12/2005
7/26/2005
8/9/2005
8/23/2005 algae bloom; water very green

TIDERISHI CREEK

Tiderishi Ck at Hancock CR 26 (P05K52) - RM 7.28

6/14/2005
6/28/2005
7/12/2005
7/26/2005
8/9/2005
8/23/2005 intermittent flow

Tiderishi Ck at Eagle TR 44 (P05K53) - RM 4.57

6/14/2005
6/28/2005
7/26/2005
8/9/2005

Tiderishi Ck at Mouth (P05W28) - RM 0.01

6/14/2005
6/28/2005
7/12/2005
7/26/2005
8/9/2005
8/23/2005

OTTAWA CREEK

Ottawa Ck at Hancock CR 12 (Orange Twp) (P05K54) - RM 18.52

6/14/2005
6/28/2005
7/7/2005 Bacteria run
7/12/2005
7/18/2005 Bacteria run
7/26/2005
8/9/2005
8/23/2005

Ottawa Ck at CR 12 (Union Twp) (P05K08) - RM 14.67

6/14/2005
6/28/2005
7/7/2005 Bacteria run
7/12/2005
7/18/2005 Bacteria run
7/26/2005
8/9/2005
8/23/2005

DATE	Temp P10 C	D.O. P299 mg/L	D.O. P301 %	Sat. pH P400 S.U.	Field pH - Lab P403 S.U.	Flow P61 cfs	Gage P65 feet	Conduct. Field P94 umhos/cm	Conduct. @ 25C P95 umhos/cm	Secchi Depth meters	Acidity P70508 mg/L	Alkalinity P410 mg/L	E.coli P31648 #/100ml
Ottawa Ck at Union TR 38 (P05K09) - RM 10.13													
6/14/2005	24.3	6.3	74.8	7.73					849		<5.0	209	
6/28/2005	22.4	4.8	55.2	7.69					924		<5.0	205	
7/7/2005													
7/12/2005	24.2	5.9	69.6	7.68					904		<5.0	244	
7/18/2005													
7/26/2005	25.4	5.8	70.7	7.51					664		<5.0	188	
8/9/2005	22.1	5.6	64.5	7.55					816		<5.0	240	
8/23/2005	18.8	5.7	61.6	7.76					913		<5.0	282	
Ottawa Ck at Union TR 79 (P05K55) - RM 4.82													
6/14/2005	24.0	4.5	53.5	7.75					848		<5.0	229	
6/28/2005	24.5	5.8	70.0	7.95					938		<5.0	259	
7/7/2005													
7/12/2005	24.2	4.7	55.4	7.81					921		<5.0	292	
7/18/2005													
7/26/2005	25.9	4.9	59.9	7.74					732		<5.0	219	
8/9/2005	21.3	5.1	57.9	7.55					529		<5.0	158	
8/23/2005	19.8	5.9	64.5	8.11					941		<5.0	327	
Ottawa Ck at CR 86 (P05P17) - RM 0.90													
5/31/2005	19.6	8.4		7.50		6.571	16.27		853		<5.0	242	
6/14/2005	24.3	4.9	58.1	7.69			16.13		840		<5.0	241	
6/21/2005	20.8	6.3	70.7	8.20		2.700	16.44		813		<5.0	221	
6/28/2005	25.0	4.7	56.9	7.84			16.44		844		<5.0	222	
7/5/2005	23.6	4.1	50.1	7.94		2.080	16.47		844		<5.0	245	
7/7/2005													
7/12/2005	24.6	4.1	49.8	8.87			16.63		849		<5.0	267	
7/18/2005													
7/20/2005													
7/26/2005	26.5	6.1	75.3	7.01			16.23		660		<5.0	191	
8/3/2005													
8/9/2005	22.0	5.7	65.1	7.65			16.03		565		<5.0	175	
8/15/2005	22.1	5.7	65.1	7.61		6.571	16.33		534		<5.0	175	
8/23/2005	19.9	5.4	59.1	8.07			16.72		760		<5.0	245	
BUCK RUN													
Buck Run at Blanchard TR 20 (P05K56) - RM 0.18													
6/14/2005	20.1	8.8	97.2	7.65					589		<5.0	178	
6/28/2005	22.6	7.8	90.6	7.84					545		<5.0	162	
7/12/2005	22.3	3.3	38.2	7.46					479		<5.0	186	
7/26/2005	24.4	6.5	77.7	7.56					571		<5.0	203	
8/9/2005	21.1	4.6	51.3	7.81					208 RC		<5.0	63.0	
8/23/2005	17.1	7.1	73.3	7.85					534		<5.0	188	
MOFFITT DITCH													
Moffitt Ditch at Hancock CR 53 (P05K57) - RM 2.37													
6/14/2005	21.3	9.2	103.7	7.67					636		<5.0	204	
6/28/2005	24.8	8.9	107.3	8.07					638		<5.0	192	
7/12/2005	26.5	10.6	131.6	8.40					595		<5.0	182	
7/26/2005	25.1	8.5	102.5	7.82					676		<5.0	243	
8/9/2005	20.8	5.9	65.5	7.65					492		<5.0	129	
8/23/2005	18.5	3.5	37.2	7.58					754		<5.0	256	
Moffitt Ditch at Putnam/Hancock Co Line Rd (P05K58) - RM 0.53													
6/14/2005	20.8	9.4	104.4	7.86					607		<5.0	181	
6/28/2005	23.5	5.2	61.6	7.58					556		<5.0	168	
7/12/2005	23.7	4.5	53.3	7.31					559		<5.0	187	
7/26/2005	25.1	6.9	83.4	7.82					621		<5.0	228	
8/9/2005	21.3	5.7	64.5	7.41					188		<5.0	58.5	
8/23/2005	18.6	5.2	56.2	7.83					476		<5.0	156	
CARTWRIGHT RUN													
Cartwright Run at Putnam CR M (P05K59) - RM 0.02													
6/14/2005	22.0	7.5	86.0	7.87					631		<5.0	187	
6/28/2005	22.8	6.8	79.3	7.81					611		<5.0	156	
7/12/2005	22.9	3.3	38.0	7.55					643		<5.0	211	
7/26/2005	24.7	6.5	77.6	7.85					713		<5.0	265	
8/9/2005	20.5	4.9	54.5	7.46					336		<5.0	97.3	
8/23/2005	16.2	7.1	72.2	8.04					666		<5.0	239	

DATE	Total Hardness		Aluminum P1105 ug/L	Arsenic P1002 ug/L	Barium P1007 ug/L	Cadmium P1027 ug/L	Chromium P1034 ug/L	Copper P1042 ug/L	Iron P1045 ug/L	Lead P1051 ug/L	Manga- nese P1055 ug/L	Mercury P71900 ug/L	Nickel P1067 ug/L	Selenium P1147 ug/L	Strontium P1082 ug/L
	P900 mg/L	P1105 ug/L													
Ottawa Ck at Union TR 38 (P05K09) - RM 10.13															
6/14/2005	378	<200	4.1	63	<0.20	<30	<10	491	<2.0	128	<0.20	<40	<2.0	3780	
6/28/2005	413	<200	4.5	65	<0.20	<30	<10	595	<2.0	307	<0.20	<40	<2.0	4630	
7/7/2005															
7/12/2005	375	<200	3.9	57	<0.20	<30	<10	526	<2.0	282	<0.20	<40	<2.0	4530	
7/18/2005															
7/26/2005	292	255	2.7	57	<0.20	<30	<10	606	<2.0	53	<0.20	<40	<2.0	2460	
8/9/2005	350	<200	3.2	54	<0.20	<30	<10	474	<2.0	148	<0.20	<40	<2.0	3650	
8/23/2005	421	<200	3.2	56	<0.20	<30	<10	352	<2.0	207	<0.20	<40	<2.0	5780	
Ottawa Ck at Union TR 79 (P05K55) - RM 4.82															
6/14/2005	388	<200	2.9	62	<0.20	<30	<10	328	<2.0	72	<0.20	<40	<2.0	8610	
6/28/2005	449	<200	4.5	66	<0.20	<30	<10	294	<2.0	138	<0.20	<40	<2.0	18600	
7/7/2005															
7/12/2005	419	<200	4.2	61	<0.20	<30	<10	227	<2.0	133	<0.20	<40	<2.0	17400	
7/18/2005															
7/26/2005	335	223	2.6	59	<0.20	<30	<10	582	<2.0	51	<0.20	<40	<2.0	9590	
8/9/2005	238	1690	2.9	52	<0.20	<30	<10	2610	2.5	102	<0.20	<40	<2.0	4280	
8/23/2005	492	397	3.1	63	<0.20	<30	<10	643	<2.0	103	<0.20	<40	<2.0	22400	
Ottawa Ck at CR 86 (P05P17) - RM 0.90															
5/31/2005	412	<200	2.9	67	<0.20	<30	<10	219	<2.0	51	<0.20	<40	<2.0	8950	
6/14/2005	377	<200	4.1	67	<0.20	<30	<10	520	<2.0	59	<0.20	<40	<2.0	9580	
6/21/2005	387	<200	2.8	62	<0.20	<30	<10	454	<2.0	54	<0.20	<40	<2.0	11700	
6/28/2005	392	<200	5.0	70	<0.20	<30	<10	473	<2.0	212	<0.20	<40	<2.0	15200	
7/5/2005	395	225	4.9	70	<0.20	<30	17	696	<2.0	140	<0.20	<40	<2.0	15800	
7/7/2005															
7/12/2005	396	323	4.5	71	<0.20	<30	<10	678	<2.0	127	<0.20	<40	<2.0	19600	
7/18/2005															
7/20/2005	280	328	<2.0	52	<0.20	<30	<10	620	<2.0	32		<40	<2.0	4660	
7/26/2005	306	302	2.4	59	<0.20	<30	<10	712	<2.0	44	<0.20	<40	<2.0	6160	
8/3/2005	332	241	2.7	60	<0.20	<30	<10	438	<2.0	38		<40	<2.0	6710	
8/9/2005	277	1320	2.3	58	<0.20	<30	<10	2070	<2.0	59	<0.20	<40	<2.0	9990	
8/15/2005	234	616	2.7	44	<0.20	<30	<10	988	<2.0	46		<40	<2.0	4480	
8/23/2005	355	245	3.5	58	<0.20	<30	<10	393	<2.0	57	<0.20	<40	<2.0	11900	
BUCK RUN															
Buck Run at Blanchard TR 20 (P05K56) - RM 0.18															
6/14/2005	302	<200	<2.0	41	<0.20	<30	<10	384	<2.0	<10	<0.20	<40	<2.0	626	
6/28/2005	257	532	<2.0	47	<0.20	<30	<10	1080	<2.0	42	<0.20	<40	<2.0	762	
7/12/2005	200	<200	4.1	41	<0.20	<30	<10	527	<2.0	199	<0.20	<40	<2.0	691	
7/26/2005	268	223	3.5	50	<0.20	<30	<10	684	<2.0	125	<0.20	<40	<2.0	918	
8/9/2005	90	1430	<2.0	33	<0.20	<30	<10	2080	<2.0	39	<0.20	<40	<2.0	168	
8/23/2005	225	255	4.4	41	<0.20	<30	<10	496	<2.0	107	<0.20	<40	<2.0	922	
MOFFITT DITCH															
Moffitt Ditch at Hancock CR 53 (P05K57) - RM 2.37															
6/14/2005	310	<200	<2.0	47	<0.20	<30	<10	169	<2.0	11	<0.20	<40	<2.0	1140	
6/28/2005	306	331	3.9	59	<0.20	<30	<10	786	<2.0	109	<0.20	<40	<2.0	2080	
7/12/2005	239	648	3.4	54	<0.20	<30	<10	1350	<2.0	91	<0.20	<40	<2.0	1720	
7/26/2005	322	<200	2.8	53	<0.20	<30	<10	368	<2.0	44	<0.20	<40	<2.0	1780	
8/9/2005	178	1480	3.0	47	<0.20	<30	<10	2300	<2.0	57	<0.20	<40	<2.0	394	
8/23/2005	347	200	4.7	60	<0.20	<30	<10	431	<2.0	282	<0.20	<40	<2.0	4200	
Moffitt Ditch at Putnam/Hancock Co Line Rd (P05K58) - RM 0.53															
6/14/2005	299	<200	<2.0	42	<0.20	<30	<10	210	<2.0	<10	<0.20	<40	<2.0	819	
6/28/2005	258	<200	2.6	42	<0.20	<30	<10	80	<2.0	32	<0.20	<40	<2.0	1260	
7/12/2005	228	<200	3.0	46	<0.20	<30	<10	172	<2.0	192	<0.20	<40	<2.0	1190	
7/26/2005	298	<200	2.5	52	<0.20	<30	<10	470	<2.0	57	<0.20	<40	<2.0	1290	
8/9/2005	82	1570	2.3	33	<0.20	<30	<10	2420	<2.0	55	<0.20	<40	<2.0	200	
8/23/2005	223	288	6.1	42	<0.20	<30	<10	863	<2.0	216	<0.20	<40	<2.0	1120	
CARTWRIGHT RUN															
Cartwright Run at Putnam CR M (P05K59) - RM 0.02															
6/14/2005	291	<200	<2.0	46	<0.20	<30	<10	113	<2.0	<10	<0.20	<40	<2.0	630	
6/28/2005	267	<200	2.5	44	<0.20	<30	<10	96	<2.0	17	<0.20	<40	<2.0	919	
7/12/2005	266	<200	6.5	47	<0.20	<30	<10	300	<2.0	235	<0.20	<40	<2.0	887	
7/26/2005	347	<200	7.6	54	<0.20	<30	<10	315	<2.0	108	<0.20	<40	<2.0	1000	
8/9/2005	154	1330	<2.0	41	<0.20	<30	<10	2110	<2.0	44	<0.20	<40	<2.0	214	
8/23/2005	305	<200	3.6	45	<0.20	<30	<10	143	<2.0	43	<0.20	<40	<2.0	836	

DATE	BOD5 P310 mg/L	CBOD5 P80082 mg/L	CBOD20 P80087 mg/L	TOC P680 mg/L	COD P340 mg/L	Nitrate + nitrite P630 mg/L	Nitrite P615 mg/L	Ammonia P610 mg/L	TKN P625 mg/L	Total Phosphorus P665 mg/L	Total Diss Phos P666 mg/L	Total Diss Solids P70300 mg/L	Total Susp Solids P530 mg/L
Ottawa Ck at Union TR 38 (P05K09) - RM 10.13													
6/14/2005	3.1				12	0.63	0.068	0.182	0.96	0.077		536	11
6/28/2005	6.9 J				12	0.11 J	<0.020	0.060	0.75	0.158		608	11
7/7/2005													
7/12/2005	2.6				25	<0.10	<0.020	0.063	0.50	0.092		566	16
7/18/2005													
7/26/2005	<2.0				13	4.14	0.069	0.116	0.57	0.153		428	16
8/9/2005	3.2 J				16	<0.10	<0.020	0.076	0.58	0.052		518	33
8/23/2005	<2.0				14	<0.10	<0.020	0.138	0.43	0.088		590	10
Ottawa Ck at Union TR 79 (P05K55) - RM 4.82													
6/14/2005	4.5				14	1.35	0.224	0.938	1.77	0.437		528	7
6/28/2005	5.2 J				16	1.26	0.075	0.204	0.68	0.347		618	8
7/7/2005													
7/12/2005	2.3				17	1.32	0.133	0.322	0.66	0.303		610	7
7/18/2005													
7/26/2005	2.8				16	8.01	0.254	0.452	1.09	0.445		474	16
8/9/2005	6.7 J				19	6.32	0.075	0.860	1.49	0.362		356	58
8/23/2005	<2.0				14	0.89	0.057	0.278	0.60	0.349		628	15
Ottawa Ck at CR 86 (P05P17) - RM 0.90													
5/31/2005	<2.0				<10	1.41	0.056	0.083	0.79	0.115		540	5
6/14/2005	<2.0				17	1.06	0.070	0.197	0.76	0.179	0.169	526	12
6/21/2005	<2.0				18	0.81	<0.020	0.100	0.85	0.206	0.189	536	10
6/28/2005	2.0				19	0.15	<0.020	0.086	0.68	0.386	0.305	586	11
7/5/2005	<2.0				27	0.17	<0.020	0.125	0.93	0.329	0.187	542	17
7/7/2005													
7/12/2005	<2.0				20	0.12	<0.020	0.144	0.54	0.265	0.233	542	16
7/18/2005													
7/20/2005	<2.0		6.1			14.3	0.356	0.165	0.75	0.200		420	14
7/26/2005	<2.0				16	10.8	0.086	0.147	0.84	0.202	0.200	432	<5
8/3/2005	<2.0		4.3			8.71	0.027	0.097	0.79	0.146		478	10
8/9/2005	4.5 J				16	2.31	0.049	0.516	0.97	0.106	0.034	396	35
8/15/2005	<2.0				19	3.56	0.066	0.161	0.79	0.292	0.238	326	17
8/23/2005	<2.0				14	0.18	<0.020	0.091	0.47	0.212	0.195	484	9
BUCK RUN													
Buck Run at Blanchard TR 20 (P05K56) - RM 0.18													
6/14/2005	<2.0				<10	11.1	0.047	<0.050	0.52	0.015		356	5
6/28/2005	<2.0				13	2.16	0.067	<0.050	0.55	<0.010		334	47
7/12/2005	2.0				20	0.17	0.041	0.269	0.90	0.056		280	15
7/26/2005	<2.0				18	1.13	0.053	0.230	0.81	0.064		342	14
8/9/2005	5.3 J				30	5.64	0.046	0.081	1.01	0.431		188 RC	27
8/23/2005	<2.0				22	0.14	<0.020	0.119	0.82	0.086		324	11
MOFFITT DITCH													
Moffitt Ditch at Hancock CR 53 (P05K57) - RM 2.37													
6/14/2005	<2.0				<10	8.41	0.100	<0.050	0.58	0.044		380	<5
6/28/2005	5.8 J				13	2.55	0.084	0.055	0.85	0.029		410	26
7/12/2005	4.8				20	1.58	0.238	0.269	0.86	0.085		356	39
7/26/2005	<2.0				13	1.59	0.059	0.101	0.54	0.050		416	7
8/9/2005	5.0 J				25	5.48	0.038	0.093	1.04	0.210		334	34
8/23/2005	<2.0				14	0.45	<0.020	0.087	0.40	0.065		464	7
Moffitt Ditch at Putnam/Hancock Co Line Rd (P05K58) - RM 0.53													
6/14/2005	<2.0				<10	10.6	0.069	<0.050	0.52	0.063		374	<5
6/28/2005	<2.0				22	0.63	0.220	0.058	0.51	<0.010		372	<5
7/12/2005	<2.0				24	1.18	0.686	0.219	0.98	0.037		328	8
7/26/2005	<2.0				13	2.04	0.062	0.108	0.57	0.028		380	9
8/9/2005	7.8 J				30	4.70	0.035	0.083	0.86	0.473		160	41
8/23/2005	<2.0				22	<0.10	<0.020	0.087	0.72	0.046		296	13
CARTWRIGHT RUN													
Cartwright Run at Putnam CR M (P05K59) - RM 0.02													
6/14/2005	<2.0				<10	8.51	0.148	0.070	1.12	<0.010		382	<5
6/28/2005	<2.0				19	<0.10	<0.020	<0.050	0.52	<0.010		390	<5
7/12/2005	<2.0				24	<0.10	<0.020	0.368	0.63	0.038		376	5
7/26/2005	<2.0				18	0.16	0.025	0.151	0.64	0.179		438	8
8/9/2005	4.0 J				25	11.3	0.061	0.104	1.02	0.244		252	29
8/23/2005	<2.0				16	<0.10	<0.020	0.067	0.59	0.043		416	<5

DATE	Sulfate P945 mg/L	Chloride P940 mg/L	Calcium P916 mg/L	Magnesium P927 mg/L	Potassium P937 mg/L	Sodium P929 mg/L	Total Volatile Solids P505 mg/L	Fluoride P951 mg/L	Hexavalent Chromium P1220 ug/L	Oil & Grease P556 mg/L
Ottawa Ck at Union TR 38 (P05K09) - RM 10.13										
6/14/2005	166	58.3	84	41	4	37				
6/28/2005	192	63.6	88	47	4	42				
7/7/2005										
7/12/2005	177	63.4	81	42	4	39				
7/18/2005										
7/26/2005	91.5	53.9	71	28	5	32				
8/9/2005	130	60.1	81	36	4	35				
8/23/2005	152	53.8	96	44	4	37				
Ottawa Ck at Union TR 79 (P05K55) - RM 4.82										
6/14/2005	147	51.9	91	39	5	29				
6/28/2005	170	41.8	104	46	5	23				
7/7/2005										
7/12/2005	174	43.9	97	43	5	22				
7/18/2005										
7/26/2005	104	39.7	83	31	7	22				
8/9/2005	64.0	30.8	59	22	5	15				
8/23/2005	161	36.5	118	48	6	20				
Ottawa Ck at CR 86 (P05P17) - RM 0.90										
5/31/2005	145	53.1	99	40	4	29				
6/14/2005	136	56.3	90	37	4	29				
6/21/2005	142	50.6	89	40	5	27				
6/28/2005	162	51.0	86	43	5	27				
7/5/2005	173	44.6	84	45	5	23				
7/7/2005										
7/12/2005	160	41.0	86	44	5	23				
7/18/2005										
7/20/2005	86.4	39.9	71	25	6	22				
7/26/2005	78.7	41.9	78	27	6	23				
8/3/2005	102	49.0	82	31	5	26				
8/9/2005	87.8	25.7	68	26	6	14				
8/15/2005	60.9	34.0	59	21	5	18				
8/23/2005	120	41.4	83	36	5	22				
<u>BUCK RUN</u>										
Buck Run at Blanchard TR 20 (P05K56) - RM 0.18										
6/14/2005	44.6	26.6	88	20	2	6				
6/28/2005	51.4	39.2	65	23	3	13				
7/12/2005	39.0	33.0	49	19	5	15				
7/26/2005	44.5	43.8	71	22	4	18				
8/9/2005	17.8	5.4	26	6	7	<5				
8/23/2005	35.8	42.4	57	20	3	23				
<u>MOFFITT DITCH</u>										
Moffitt Ditch at Hancock CR 53 (P05K57) - RM 2.37										
6/14/2005	51.9	36.1	88	22	2	11				
6/28/2005	73.3	42.5	73	30	4	18				
7/12/2005	69.3	49.7	56	24	4	25				
7/26/2005	60.6	48.8	86	26	3	21				
8/9/2005	35.1	53.5	48	14	7	29				
8/23/2005	112	38.5	78	37	4	28				
Moffitt Ditch at Putnam/Hancock Co Line Rd (P05K58) - RM 0.53										
6/14/2005	47.3	30.6	85	21	2	8				
6/28/2005	59.3	41.6	62	25	3	15				
7/12/2005	46.1	46.8	55	22	5	22				
7/26/2005	51.2	43.5	80	24	3	18				
8/9/2005	16.3	<5.0	23	6	7	<5				
8/23/2005	43.8	37.3	48	25	4	22				
<u>CARTWRIGHT RUN</u>										
Cartwright Run at Putnam CR M (P05K59) - RM 0.02										
6/14/2005	55.0	39.9	82	21	2	15				
6/28/2005	77.2	55.9	59	29	3	26				
7/12/2005	58.1	56.2	57	30	7	22				
7/26/2005	55.4	56.7	91	29	5	25				
8/9/2005	24.4	12.9	45	10	4	6				
8/23/2005	59.9	54.8	76	28	3	25				

DATE FIELD

Ottawa Ck at Union TR 38 (P05K09) - RM 10.13

6/14/2005
6/28/2005
7/7/2005 Bacteria run
7/12/2005
7/18/2005 Bacteria run
7/26/2005
8/9/2005
8/23/2005

Ottawa Ck at Union TR 79 (P05K55) - RM 4.82

6/14/2005
6/28/2005
7/7/2005 Bacteria run
7/12/2005
7/18/2005 Bacteria run
7/26/2005
8/9/2005
8/23/2005

Ottawa Ck at CR 86 (P05P17) - RM 0.90

5/31/2005
6/14/2005
6/21/2005
6/28/2005
7/5/2005
7/7/2005 Bacteria run
7/12/2005
7/18/2005 Bacteria run
7/20/2005
7/26/2005
8/3/2005
8/9/2005
8/15/2005
8/23/2005

BUCK RUN

Buck Run at Blanchard TR 20 (P05K56) - RM 0.18

6/14/2005
6/28/2005
7/12/2005
7/26/2005
8/9/2005
8/23/2005

MOFFITT DITCH

Moffitt Ditch at Hancock CR 53 (P05K57) - RM 2.37

6/14/2005
6/28/2005
7/12/2005
7/26/2005
8/9/2005
8/23/2005

Moffitt Ditch at Putnam/Hancock Co Line Rd (P05K58) - RM 0.53

6/14/2005
6/28/2005
7/12/2005
7/26/2005
8/9/2005
8/23/2005

CARTWRIGHT RUN

Cartwright Run at Putnam CR M (P05K59) - RM 0.02

6/14/2005
6/28/2005
7/12/2005
7/26/2005
8/9/2005
8/23/2005

DATE	Temp P10 C	D.O. P299 mg/L	D.O. P301 %	Sat. pH P400 S.U.	Field pH - Lab P403 S.U.	Flow P61 cfs	Gage P65 feet	Conduct. Field P94 umhos/cm	Conduct. @ 25C P95 umhos/cm	Secchi Depth meters	Acidity P70508 mg/L	Alkalinity P410 mg/L	E.coli P31648 #/100ml
<u>DUKES RUN</u>													
Dukes Run at Putnam CR M (P05K62) - RM 1.90													
6/14/2005	21.9	7.2	81.9	7.84					665		<5.0		193
6/28/2005	22.9	5.5	64.4	7.72					733		<5.0 PT		187
7/12/2005	23.6	5.6	66.0	7.75					727		<5.0		205
7/26/2005	25	6.9	83.7	7.78					717		<5.0		226
8/9/2005	20.4	4.9	54.6	7.38					390		<5.0		123
8/23/2005	17.5	8.6	90.3	8.12					723		<5.0		213
Dukes Run at Blanchard TR L-2 (P05K63) - RM 1.10													
6/14/2005	22.1	6.4	73.0	7.78					633		<5.0		181
6/28/2005	22.9	5.0	58.4	7.65					705		<5.0		179
7/12/2005	22.7	5.1	58.8	7.52					735		<5.0		201
7/26/2005	24.9	5.8	69.9	7.49					678		<5.0		204
8/9/2005	20.5	6.4	71.5	7.19					347		<5.0		106
8/23/2005	17.7	7.0	73.9	8.10					719		<5.0		209
<u>DUTCH RUN</u>													
Dutch Run at Riley TR O (P05K60) - RM 5.79													
6/14/2005	21.3	6.6	73.8	7.48					674		<5.0		192
6/28/2005	22.9	2.7	31.9	7.33					637		<5.0		164
7/12/2005	23.3	3.7	43.6	7.46					654		<5.0		167
7/26/2005	24.7	3.3	40.0	7.42					621		<5.0		213
8/9/2005	21.3	4.1	46.0	7.39					593		<5.0		201
8/23/2005	16.0	4.2	42.7	7.60									
Dutch Run at Blanchard TR L (P05K61) - RM 2.71													
6/14/2005	22.4	7.3	83.8	7.75					623		<5.0		182
6/28/2005	23.7	4.1	49.0	7.52					638		<5.0		154
7/12/2005	23.6	3.2	37.6	7.48					640		<5.0		174
7/26/2005	25.1	5.2	62.9	7.56					613		<5.0		197
8/9/2005	21.0	6.0	67.4	7.27					438		<5.0		122
8/23/2005	17.2	5.4	55.7	7.66					598		<5.0		156

DATE	Total	Aluminum	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manga- nese	Mercury	Nickel	Selenium	Strontium
	Hardness	P1105	P1002	P1007	P1027	P1034	P1042	P1045	P1051	P1055	P71900	P1067	P1147	P1082
	P900	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
DUKES RUN														
Dukes Run at Putnam CR M (P05K62) - RM 1.90														
6/14/2005	314	209	2.0	53	<0.20	<30	<10	668	<2.0	24	<0.20	<40	<2.0	791
6/28/2005	446	8010	7.1	131	0.40	<30	17	15000	11.6	732	<0.20	<40	<2.0	1570
7/12/2005	365	925	3.3	70	<0.20	<30	<10	2100	2.0	156	<0.20	<40	<2.0	1750
7/26/2005	380	445	2.5	72	<0.20	<30	<10	1130	<2.0	141	<0.20	<40	<2.0	1460
8/9/2005	186	1700	<2.0	48	<0.20	<30	<10	2720	<2.0	66	<0.20	<40	<2.0	276
8/23/2005	371	<200	<2.0	61	<0.20	<30	<10	256	<2.0	43	<0.20	<40	<2.0	1510
Dukes Run at Blanchard TR L-2 (P05K63) - RM 1.10														
6/14/2005	299	314	<2.0	53	<0.20	<30	<10	835	<2.0	32	<0.20	<40	<2.0	745
6/28/2005	355	<200	2.7	60	<0.20	<30	<10	508	<2.0	142	<0.20	<40	<2.0	1550
7/12/2005	344	<200	2.8	61	<0.20	<30	<10	359	<2.0	93	<0.20	<40	<2.0	1680
7/26/2005	356	<200	2.9	65	<0.20	<30	<10	431	<2.0	62	<0.20	<40	<2.0	1360
8/9/2005	165	1580	2.4	45	<0.20	<30	<10	2460	<2.0	58	<0.20	<40	<2.0	246
8/23/2005	366	<200	2.1	60	<0.20	<30	<10	245	<2.0	35	<0.20	<40	<2.0	1510
DUTCH RUN														
Dutch Run at Riley TR O (P05K60) - RM 5.79														
6/14/2005	334	<200	<2.0	53	<0.20	<30	<10	170	<2.0	12	<0.20	<40	<2.0	269
6/28/2005	301	<200	5.3	57	<0.20	<30	<10	787	<2.0	660	<0.20	<40	<2.0	299
7/12/2005	274	<200	9.6	50	<0.20	<30	<10	733	<2.0	1320	<0.20	<40	<2.0	279
7/26/2005	312	<200	6.6	46	<0.20	<30	<10	264	<2.0	215	<0.20	<40	<2.0	327
8/9/2005	272	<200	3.7	51	<0.20	<30	<10	302	<2.0	46	<0.20	<40	<2.0	290
8/23/2005	264	<200	11.6	49	<0.20	<30	<10	578	<2.0	445	<0.20	<40	<2.0	272
Dutch Run at Blanchard TR L (P05K61) - RM 2.71														
6/14/2005	298	<200	<2.0	50	<0.20	<30	<10	145	<2.0	<10	<0.20	<40	<2.0	376
6/28/2005	285	<200	3.4	55	<0.20	<30	<10	168	<2.0	75	<0.20	<40	<2.0	858
7/12/2005	274	<200	3.4	64	<0.20	<30	<10	250	<2.0	277	<0.20	<40	<2.0	1100
7/26/2005	311	<200	4.6	66	<0.20	<30	<10	412	<2.0	192	<0.20	<40	<2.0	837
8/9/2005	197	363	3.1	43	<0.20	<30	<10	890	<2.0	44	<0.20	<40	<2.0	329
8/23/2005	256	<200	4.1	67	<0.20	<30	<10	623	<2.0	234	<0.20	<40	<2.0	1020

DATE	BOD5 P310 mg/L	CBOD5 P80082 mg/L	CBOD20 P80087 mg/L	TOC P680 mg/L	COD P340 mg/L	Nitrate + nitrite P630 mg/L	Nitrite P615 mg/L	Ammonia P610 mg/L	TKN P625 mg/L	Total Phosphorus P665 mg/L	Total Diss Phos P666 mg/L	Total Diss Solids P70300 mg/L	Total Susp Solids P530 mg/L
<u>DUKES RUN</u>													
Dukes Run at Putnam CR M (P05K62) - RM 1.90													
6/14/2005	<2.0				36	11.0	0.366	0.551	1.32	0.020		416	9
6/28/2005	14				22	0.90	0.030	0.206	1.49	0.400		536	394
7/12/2005	2.3				13	<0.10	<0.020	0.147	0.45	0.072		470	56
7/26/2005	<2.0				13	0.10	<0.020	0.124	0.50	0.025		466	22
8/9/2005	2.5 J				22	9.50	0.034	0.104	1.02	0.110		282	54
8/23/2005	<2.0				<10	<0.10	<0.020	0.062	0.28	0.015 J		480	<5
Dukes Run at Blanchard TR L-2 (P05K63) - RM 1.10													
6/14/2005	<2.0				12	9.22	0.272	0.280	1.13	0.040		396	15
6/28/2005	<2.0				13	0.75	0.023	0.103	0.56	0.052		482	12
7/12/2005	<2.0				10	0.12	<0.020	0.109	0.47	0.052		470	9
7/26/2005	<2.0				10	0.12	<0.020	0.118	0.44	0.041		436	8
8/9/2005	3.0				25	8.96	0.045	0.110	1.07	0.185		248	45
8/23/2005	<2.0				<10	<0.10	<0.020	0.078	0.35	0.020		476	<5
<u>DUTCH RUN</u>													
Dutch Run at Riley TR O (P05K60) - RM 5.79													
6/14/2005	<2.0				<10	13.5	0.187	0.114	0.87	0.027		412	<5
6/28/2005	2.6				16	0.35 PT	0.031	0.179	0.52	0.080		420	16
7/12/2005	3.4 J				22	<0.10	<0.020	0.121	0.78	0.090		396	5
7/26/2005	<2.0				18	<0.10	<0.020	0.193	0.65	0.059		388	<5
8/9/2005	<2.0				16	0.45	0.035	0.112	0.72	0.069		376	6
8/23/2005					19	<0.10		0.250	1.05	0.190			
Dutch Run at Blanchard TR L (P05K61) - RM 2.71													
6/14/2005	<2.0				<10	9.47	0.126	<0.050	0.81	<0.010		388	<5
6/28/2005	<2.0				16	0.16	<0.020	<0.050	0.61	0.016		438	5
7/12/2005	<2.0				16	<0.10	<0.020	0.063	0.58	0.022		382	<5
7/26/2005	<2.0				18	<0.10	<0.020	0.078	0.53	<0.010		384	6
8/9/2005	2.5				22	3.60	0.088	0.087	0.68	0.218		290	11
8/23/2005	<2.0				19	<0.10	<0.020	0.089	0.72	0.034		378	14

DATE	Sulfate P945 mg/L	Chloride P940 mg/L	Calcium P916 mg/L	Magnesium P927 mg/L	Potassium P937 mg/L	Sodium P929 mg/L	Total Volatile Solids P505 mg/L	Fluoride P951 mg/L	Hexavalent Chromium P1220 ug/L	Oil & Grease P556 mg/L
------	-------------------------	--------------------------	-------------------------	---------------------------	---------------------------	------------------------	---	--------------------------	---	---------------------------------

DUKES RUN

Dukes Run at Putnam CR M (P05K62) - RM 1.90

6/14/2005	81.6	32.4	86	24	3	12			
6/28/2005	155	36.9	111	41	6	16			
7/12/2005	155	33.0	85	37	3	13			
7/26/2005	129	34.8	96	34	4	15			
8/9/2005	32.3	13.2	53	13	4	<5			
8/23/2005	142	30.9	91	35	3	13			

Dukes Run at Blanchard TR L-2 (P05K63) - RM 1.10

6/14/2005	69.1	35.5	82	23	3	14			
6/28/2005	144	37.7	86	34	3	17			
7/12/2005	157	36.4	80	35	4	16			
7/26/2005	125	35.6	88	33	4	15			
8/9/2005	27.2	11.4	48	11	4	5			
8/23/2005	136	34.3	89	35	3	15			

DUTCH RUN

Dutch Run at Riley TR O (P05K60) - RM 5.79

6/14/2005	60.8	36.0	94	24	3	13			
6/28/2005	92.5	58.3	71	30	3	18			
7/12/2005	79.9	68.6	62	29	3	17			
7/26/2005	67.3	44.0	77	29	4	18			
8/9/2005	65.3	46.1	71	23	5	18			
8/23/2005			61	27	5	25			

Dutch Run at Blanchard TR L (P05K61) - RM 2.71

6/14/2005	61.7	34.1	83	22	2	12			
6/28/2005	98.8	53.8	63	31	3	19			
7/12/2005	86.1	57.2	57	32	5	18			
7/26/2005	78.1	43.3	75	30	4	17			
8/9/2005	54.6	31.6	54	15	6	12			
8/23/2005	81.7	56.8	53	30	5	27			

DATE FIELD

DUKES RUN

Dukes Run at Putnam CR M (P05K62) - RM 1.90

6/14/2005
6/28/2005 LIVESTOCK IN STREAM
7/12/2005
7/26/2005
8/9/2005
8/23/2005

Dukes Run at Blanchard TR L-2 (P05K63) - RM 1.10

6/14/2005
6/28/2005
7/12/2005
7/26/2005
8/9/2005
8/23/2005

DUTCH RUN

Dutch Run at Riley TR O (P05K60) - RM 5.79

6/14/2005
6/28/2005
7/12/2005
7/26/2005
8/9/2005
8/23/2005

Dutch Run at Blanchard TR L (P05K61) - RM 2.71

6/14/2005
6/28/2005
7/12/2005
7/26/2005
8/9/2005
8/23/2005

HUC 04100008 050 - RILEY CREEK ASSESSMENT UNIT

DATE	Temp P10 C	D.O. P299 mg/L	D.O. P301 %	Sat. pH P400 S.U.	Field pH - Lab P403 S.U.	Flow P61 cfs	Gage P65 feet	Conduct. Field P94 umhos/cm	Conduct. @ 25C P95 umhos/cm	Secchi Depth meters	Acidity P70508 mg/L	Alkalinity P410 mg/L	E.coli P31648 #/100ml
<u>LITTLE RILEY CREEK (UPPER)</u>													
Little Riley Ck (Upper) at Orange TR 27 (P05K67) - RM 2.64													
6/15/2005	19.6	5.6	60.6	7.67					1200		<5.0	206	
6/29/2005	21.5	4.9	55.4	7.47					550		<5.0	93.5	
7/13/2005	23.1	4.7	54.8	7.51					942		<5.0	215	
7/27/2005	22.2	5.4	62.6	7.61					1020		<5.0	218	
8/10/2005	23.6	4.8	56.3	7.69					905		<5.0	209	
8/24/2005	18.4	5.6	59.3	7.73					946		<5.0	204	
Little Riley Ck (Upper) at Orange TR 51 (P05K68) - RM 1.00													
6/15/2005	21.2	4.3	48.9	7.65					1310		<5.0	241	
6/29/2005	22.3	5.6	64.0	7.38					648		<5.0	102	
7/13/2005	23.2	4.1	48.3	7.54					975		<5.0	206	
7/27/2005	22.5	5.4	62.7	7.39					532		<5.0	108	
8/10/2005	23.1	5.3	61.8	7.84					884		<5.0	213	
8/24/2005	17.8	6.5	68.1	7.94					1070		<5.0	189	
<u>MARSH RUN (RILEY)</u>													
Marsh Run (Riley) at Union TR 51 (P05K69) - RM 1.74													
6/15/2005	18.5	7.2	76.6	7.63					887		<5.0	247	
6/29/2005	21.5	4.5	51.2	7.51					1040		<5.0	275	
7/13/2005	22.6	4.4	50.7	7.45					1020		<5.0	284	
7/27/2005	21.4	4.3	48.5	7.28					678		<5.0	178	
8/10/2005	20.8	5.0	55.9	7.59					1050		<5.0	343	
8/24/2005	16.4	5.2	53.1	7.57					1090		<5.0	333	
<u>LITTLE RILEY CREEK (LOWER)</u>													
Little Riley Ck (Lower) at Swaney Rd (P05K70) - RM 5.50													
6/15/2005	18.2	6.0	63.7	7.62					1290		<5.0	285	
6/29/2005	21.3	7.9	88.6	7.65					980		<5.0 PT	323	
7/13/2005	23.1	10.0	117.1	7.85					918		<5.0	351	
7/27/2005	18.7	6.4	68.8	7.70					887		<5.0	303	
8/10/2005	22.8	3.6	42.2	7.66					1810		<5.0	284	
8/24/2005	16.9	4.5	46.8	7.59					721		<5.0	162	
Little Riley Ck (Lower) at Hillville Rd (P05K71) - RM 4.30													
6/15/2005	20.0	5.2	57.2	7.52					881		<5.0	157	
6/29/2005	22.4	4.0	46.0	7.64					1180		<5.0	245	
7/13/2005	23.5	2.6	30.9	7.43					1060		<5.0	176	
7/27/2005	21.4	5.6	63.7	7.75					1040		<5.0	242	
8/10/2005	22.5	3.8	43.5	7.68					1190		<5.0	323	
8/24/2005	16.9	3.9	40.5	7.76					1140		<5.0	214	
Little Riley Ck (Lower) at Riley St (P05S58) - RM 0.03													
6/15/2005	20.7	5.9	66.1	7.59					830		<5.0	134	
6/29/2005	22.6	2.1	24.7	7.46					805		<5.0	155	
7/13/2005	23.9	3.7	43.3	7.62					1480		<5.0	270	
7/27/2005	21.3	6.1	69.2	7.24					390		<5.0	97.6	
<u>CRANBERRY RUN</u>													
Cranberry Run at Cool Rd (S Crossing) (P05K72) - RM 6.67													
6/15/2005	19.8	9.5	103.7	7.89					700		<5.0	216	
6/29/2005	22.6	10.7	123.5	7.86					715		<5.0	209	
7/13/2005	23.5	6.7	77.8	7.00					767		<5.0	246	
7/27/2005	20.4	5.8	65.0	7.16					681		<5.0	199	
8/11/2005	21.5	5.6	63.5	7.45					747		<5.0	254	
8/24/2005	16.7	6.1	62.4	7.51					809		<5.0	267	
Cranberry Run at Putnam CR O (P05K73) - RM 1.22													
6/15/2005	22.0	11.6	132.0	8.23					599		<5.0	168	
6/29/2005	25.3	9.2	112.2	8.00					618		<5.0	162	
7/13/2005	26.8	6.4	78.5	7.72					595		<5.0	163	
7/27/2005	21.5	7.0	79.7	7.37					523		<5.0	162	
8/11/2005	24.5	5.2	61.9	7.61					645		<5.0	162	
8/24/2005	18.6	4.0	42.5	7.63					686		<5.0	150	

DATE	Total Hardness	Aluminum	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Strontium
	P900 mg/L	P1105 ug/L	P1002 ug/L	P1007 ug/L	P1027 ug/L	P1034 ug/L	P1042 ug/L	P1045 ug/L	P1051 ug/L	P1055 ug/L	P71900 ug/L	P1067 ug/L	P1147 ug/L	P1082 ug/L
<u>LITTLE RILEY CREEK (UPPER)</u>														
Little Riley Ck (Upper) at Orange TR 27 (P05K67) - RM 2.64														
6/15/2005	486	<200	2.6	56	<0.20	<30	<10	324	<2.0	75	<0.20	<40	<2.0	2140
6/29/2005	227	13300	6.1	110	<0.20	<30	13	18200	10.0	269	<0.20	<40	<2.0	680
7/13/2005	422	1190	4.0	71	<0.20	<30	<10	2040	<2.0	400	<0.20	<40	<2.0	1320
7/27/2005	461	744	3.6	62	<0.20	<30	<10	1320	<2.0	179	<0.20	<40	<2.0	2130
8/10/2005	419	425	5.0	71	<0.20	<30	<10	884	<2.0	338	<0.20	<40	<2.0	1820
8/24/2005	467	781	4.1	75	<0.20	<30	<10	1350	<2.0	229	<0.20	<40	<2.0	1970
Little Riley Ck (Upper) at Orange TR 51 (P05K68) - RM 1.00														
6/15/2005	645	381	2.9	85	<0.20	<30	<10	761	<2.0	268	0.31	<40	<2.0	3040
6/29/2005	277	8910	5.4	97	<0.20	<30	<10	12200	6.4	208	<0.20	<40	<2.0	1030
7/13/2005	406	635	3.3	65	<0.20	<30	<10	1080	<2.0	382	<0.20	<40	<2.0	1580
7/27/2005	225	1120	2.8	40	0.26	<30	<10	1860	3.1	169	<0.20	<40	<2.0	802
8/10/2005	342	699	5.5	58	<0.20	<30	<10	1340	<2.0	363	<0.20	<40	<2.0	1270
8/24/2005	498	938	3.3	83	<0.20	<30	<10	1490	<2.0	322	<0.20	<40	<2.0	2020
<u>MARSH RUN (RILEY)</u>														
Marsh Run (Riley) at Union TR 51 (P05K69) - RM 1.74														
6/15/2005	395	<200	<2.0	68	<0.20	<30	<10	383	<2.0	54	<0.20	<40	<2.0	2350
6/29/2005	468	<200	2.1	86	<0.20	<30	<10	330	<2.0	102	<0.20	<40	<2.0	4190
7/13/2005	497	<200	2.6	100	<0.20	<30	<10	608	<2.0	251	<0.20	<40	<2.0	5980
7/27/2005	216	1080	3.0	48	<0.20	<30	<10	1680	2.1	33	<0.20	<40	<2.0	1020
8/10/2005	515	272	2.1	91	<0.20	<30	<10	731	<2.0	114	<0.20	<40	<2.0	4360
8/24/2005	558	<200	<2.0	96	<0.20	<30	<10	213	<2.0	34	<0.20	<40	<2.0	5210
<u>LITTLE RILEY CREEK (LOWER)</u>														
Little Riley Ck (Lower) at Swaney Rd (P05K70) - RM 5.50														
6/15/2005	431	<200	3.1	66	<0.20	<30	<10	678	<2.0	280	<0.20	<40	<2.0	1060
6/29/2005	451	289	4.1	78	<0.20	<30	<10	1380	<2.0	548	<0.20	<40	<2.0	1100
7/13/2005	442	<200	3.7	69	<0.20	<30	<10	654	<2.0	350	<0.20	<40	<2.0	1110
7/27/2005	400	<200	3.9	72	<0.20	<30	<10	1220	<2.0	383	<0.20	<40	<2.0	1060
8/10/2005	415	<200	7.4	58	<0.20	<30	<10	343	<2.0	699	<0.20	<40	<2.0	1860
8/24/2005	204	332	6.0	35	<0.20	<30	<10	645	<2.0	221	<0.20	<40	<2.0	567
Little Riley Ck (Lower) at Hillville Rd (P05K71) - RM 4.30														
6/15/2005	278	241	2.7	44	<0.20	<30	<10	543	<2.0	60	<0.20	<40	<2.0	638
6/29/2005	436	<200	4.7	55	<0.20	<30	<10	159	<2.0	243	<0.20	<40	<2.0	1190
7/13/2005	291	<200	6.3	42	<0.20	<30	<10	277	<2.0	576	<0.20	<40	<2.0	972
7/27/2005	333	483	6.0	54	<0.20	<30	<10	958	<2.0	158	<0.20	<40	<2.0	912
8/10/2005	367	210	17.7	46	<0.20	<30	<10	624	<2.0	825	<0.20	<40	<2.0	951
8/24/2005	319	210	6.0	45	<0.20	<30	<10	458	<2.0	411	<0.20	<40	<2.0	1120
Little Riley Ck (Lower) at Riley St (P05S58) - RM 0.03														
6/15/2005	260	1190	3.6	48	<0.20	<30	<10	1850	<2.0	60	<0.20	<40	<2.0	753
6/29/2005	254	<200	6.6	38	<0.20	<30	<10	441	<2.0	565	<0.20	<40	<2.0	713
7/13/2005	418	<200	7.7	61	<0.20	<30	<10	428	<2.0	866	<0.20	<40	<2.0	1260
7/27/2005	148	254	2.1	27	<0.20	<30	<10	625	<2.0	47	<0.20	<40	<2.0	356
<u>CRANBERRY RUN</u>														
Cranberry Run at Cool Rd (S Crossing) (P05K72) - RM 6.67														
6/15/2005	332	<200	<2.0	47	<0.20	<30	<10	290	<2.0	24	<0.20	<40	<2.0	284
6/29/2005	338	267	2.9	46	<0.20	<30	<10	692	<2.0	67	<0.20	<40	<2.0	310
7/13/2005	358	<200	3.5	52	<0.20	<30	<10	485	<2.0	417	<0.20	<40	<2.0	687
7/27/2005	317	287	2.7	59	<0.20	<30	<10	684	<2.0	86	<0.20	<40	<2.0	244
8/11/2005	382	<200	3.9	50	<0.20	<30	<10	449	<2.0	263	<0.20	<40	<2.0	740
8/24/2005	426	<200	<2.0	53	<0.20	<30	<10	456	<2.0	167	<0.20	<40	<2.0	963
Cranberry Run at Putnam CR O (P05K73) - RM 1.22														
6/15/2005	284	<200	<2.0	43	<0.20	<30	<10	71	<2.0	<10	<0.20	<40	<2.0	266
6/29/2005	288	<200	3.6	45	<0.20	<30	<10	366	<2.0	69	<0.20	<40	<2.0	344
7/13/2005	260	<200	5.5	46	<0.20	<30	<10	660	<2.0	159	<0.20	<40	<2.0	387
7/27/2005	233	<200	4.2	45	<0.20	<30	<10	687	<2.0	46	<0.20	<40	<2.0	302
8/11/2005	254	<200	6.2	39	<0.20	<30	<10	537	<2.0	106	<0.20	<40	<2.0	379
8/24/2005	262	<200	4.8	39	<0.20	<30	<10	430	<2.0	112	<0.20	<40	<2.0	459

DATE	BOD5 P310 mg/L	CBOD5 P80082 mg/L	CBOD20 P80087 mg/L	TOC P680 mg/L	COD P340 mg/L	Nitrate + nitrite P630 mg/L	Nitrite P615 mg/L	Ammonia P610 mg/L	TKN P625 mg/L	Total Phosphorus P665 mg/L	Total Diss Phos P666 mg/L	Total Diss Solids P70300 mg/L	Total Susp Solids P530 mg/L
<u>LITTLE RILEY CREEK (UPPER)</u>													
Little Riley Ck (Upper) at Orange TR 27 (P05K67) - RM 2.64													
6/15/2005	<2.0				14	0.68	0.061	0.164	0.93	0.031		782	5
6/29/2005	5.0				56	8.42	0.281	0.748	1.57	0.281		392	316
7/13/2005	2.7				14	<0.10	<0.020	0.144	0.45	0.062		632	47
7/27/2005	<2.0				16	1.94	<0.020	0.109	0.54	0.117		646	37
8/10/2005	2.5				20	<0.10	<0.020	0.091	0.69	0.010		588	20
8/24/2005	<2.0				16	<0.10	<0.020	0.081	0.47	0.051		650	32
Little Riley Ck (Upper) at Orange TR 51 (P05K68) - RM 1.00													
6/15/2005	<2.0				12	8.11	0.060	0.201	0.93	0.098		920	12
6/29/2005	5.0				16	7.65	0.266	0.370	1.46	0.220		440	272
7/13/2005	<2.0				17	0.29	<0.020	0.194	0.74	0.077		640	26
7/27/2005	2.7				16	1.61	<0.020	0.128	0.60	0.171		314	55
8/10/2005	3.3				23	<0.10	<0.020	0.058	0.85	0.065		536	33
8/24/2005	3.5				19	<0.10	<0.020	0.050	0.62	0.070		724	44
<u>MARSH RUN (RILEY)</u>													
Marsh Run (Riley) at Union TR 51 (P05K69) - RM 1.74													
6/15/2005	<2.0				<10	2.93	0.180	0.340	0.99	0.027		544	<5
6/29/2005	<2.0				<10	1.33	0.192	0.147	0.85	0.090		678	<5
7/13/2005	<2.0				12	0.30	0.061	0.155	0.49	0.050		692	8
7/27/2005	2.3				30	3.79	0.066	0.098	1.09	0.188		434	12
8/10/2005	<2.0				11	0.54	<0.020	0.102	0.42	0.120		700	12
8/24/2005	<2.0				11	0.11	<0.020	0.053	0.33	0.056		742	10
<u>LITTLE RILEY CREEK (LOWER)</u>													
Little Riley Ck (Lower) at Swaney Rd (P05K70) - RM 5.50													
6/15/2005	5.8				17	0.87	0.182	2.97	4.27	0.700		746	5
6/29/2005	6.3				<10	2.44	0.049	1.71	2.14	1.35		600	27
7/13/2005	2.7				120	0.12	0.051	1.30	1.29	0.907		562	6
7/27/2005	3.6				13	0.16	0.024	1.62	1.99	0.893		546	20
8/10/2005	4.3				35	0.37	0.056	1.11	2.58	0.441		1070	9
8/24/2005	2.7				31	0.16	0.022	0.213	0.80	0.550		434	17
Little Riley Ck (Lower) at Hillville Rd (P05K71) - RM 4.30													
6/15/2005	2.4				25	4.44	0.330	0.694	2.02	0.186		520	5
6/29/2005	<2.0				16	0.59	<0.020	0.280	1.35	0.427		740	<5
7/13/2005	<2.0				31	0.12	<0.020	0.529	1.21	0.474		646	5
7/27/2005	2.5				22	1.38	0.042	0.180	1.10	0.551		636	21
8/10/2005	12				35	<0.10	<0.020	0.095	1.42	1.14		742	22
8/24/2005	4.2				31	0.19	0.032	0.702	1.76	0.560		700	12
Little Riley Ck (Lower) at Riley St (P05S58) - RM 0.03													
6/15/2005	2.2				17	9.17	0.199	0.275	1.55	0.257		492	28
6/29/2005	5.8				47	0.24	0.020	0.202	1.21	0.536		502	8
7/13/2005	3.7				33	<0.10	<0.020	0.220	1.25	0.508		952	7
7/27/2005	<2.0				19	1.15	<0.020	0.058	0.46	0.122		234	12
<u>CRANBERRY RUN</u>													
Cranberry Run at Cool Rd (S Crossing) (P05K72) - RM 6.67													
6/15/2005	<2.0				<10	6.36	0.073	0.061	0.58	0.029		420	<5
6/29/2005	<2.0				<10	1.47	0.023	0.071	0.75	0.079		446	21
7/13/2005	3.5				14	0.24	<0.020	0.135	0.53	0.031		494	13
7/27/2005	<2.0				13	6.66	0.023	0.071	0.69	0.089		420	8
8/11/2005	<2.0				<10	<0.10	<0.020	0.116	0.31	0.014		494	9
8/24/2005	<2.0				<10	<0.10	<0.020	0.137	0.35	0.080		542	8
Cranberry Run at Putnam CR O (P05K73) - RM 1.22													
6/15/2005	<2.0				<10	7.54	0.020	<0.050	0.65	<0.010		360	<5
6/29/2005	<2.0				<10	0.23	<0.020	0.092	1.03	0.046		388	10
7/13/2005	2.8				20	<0.10	<0.020	0.083	0.67	0.087		386	11
7/27/2005	<2.0				18	2.10	0.033	0.050	0.76	0.092		318	7
8/11/2005	<2.0				20	0.11	<0.020	0.143	0.76	0.102		412	17
8/24/2005	2.0				19	0.45	0.021	0.264	0.99	0.184		426	30

DATE	Sulfate P945 mg/L	Chloride P940 mg/L	Calcium P916 mg/L	Magnesium P927 mg/L	Potassium P937 mg/L	Sodium P929 mg/L	Total Volatile Solids P505 mg/L	Fluoride P951 mg/L	Hexavalent Chromium P1220 ug/L	Oil & Grease P556 mg/L
------	-------------------------	--------------------------	-------------------------	---------------------------	---------------------------	------------------------	---	--------------------------	---	---------------------------------

LITTLE RILEY CREEK (UPPER)

Little Riley Ck (Upper) at Orange TR 27 (P05K67) - RM 2.64

6/15/2005	300	93.0	104	55	5	68			
6/29/2005	90.0	43.1	53	23	7	28			
7/13/2005	223	53.1	93	46	4	38			
7/27/2005	260	66.4	104	49	6	49			
8/10/2005	211	60.6	87	49	5	43			
8/24/2005	276	45.5	98	54	6	37			

51 (P05K68) - RM 1.00

6/15/2005	372	65.8	138	73	6	51			
6/29/2005	128	40.2	63	29	7	31			
7/13/2005	211	70.6	90	44	6	47			
7/27/2005	72.9	58.2	57	20	4	19			
8/10/2005	124	93.7	81	34	6	52			
8/24/2005	249	104	117	50	7	45			

MARSH RUN (RILEY)

Marsh Run (Riley) at Union TR 51 (P05K69) - RM 1.74

6/15/2005	116	59.9	99	36	3	36			
6/29/2005	183	62.9	110	47	4	45			
7/13/2005	220	49.5	105	57	5	36			
7/27/2005	60.1	75.4	55	19	4	66			
8/10/2005	203	52.5	122	51	4	33			
8/24/2005	216	57.2	131	56	5	39			

LITTLE RILEY CREEK (LOWER)

Little Riley Ck (Lower) at Swaney Rd (P05K70) - RM 5.50

6/15/2005	103	168	105	41	4	104			
6/29/2005	104	62.6	103	47	4	45			
7/13/2005	99.7	51.4	98	48	3	32			
7/27/2005	102	65.1	91	42	4	42			
8/10/2005	156	379	97	42	9	225			
8/24/2005	80.6	90.2	52	18	7	71			

Little Riley Ck (Lower) at Hillville Rd (P05K71) - RM 4.30

6/15/2005	97.9	103	70	25	5	67			
6/29/2005	149	124	107	41	7	91			
7/13/2005	127	147	72	27	6	110			
7/27/2005	130	114	84	30	8	98			
8/10/2005	111	139	91	34	8	115			
8/24/2005	158	152	80	29	9	123			

Little Riley Ck (Lower) at Riley St (P05S58) - RM 0.03

6/15/2005	85.7	97.1	63	25	6	63			
6/29/2005	84.4	92.4	62	24	5	62			
7/13/2005	152	254	98	42	8	144			
7/27/2005	43.8	37.8	38	13	4	22			

CRANBERRY RUN

Cranberry Run at Cool Rd (S Crossing) (P05K72) - RM 6.67

6/15/2005	75.4	39.8	90	26	2	15			
6/29/2005	89.6	40.8	91	27	3	17			
7/13/2005	121	37.7	89	33	3	15			
7/27/2005	80.4	46.6	89	23	3	22			
8/11/2005	130	35.5	97	34	3	14			
8/24/2005	140	42.6	108	38	3	18			

Cranberry Run at Putnam CR O (P05K73) - RM 1.22

6/15/2005	59.3	35.0	76	23	2	14			
6/29/2005	85.1	46.0	66	30	2	21			
7/13/2005	72.2	52.4	53	31	4	23			
7/27/2005	58.3	39.7	57	22	4	18			
8/11/2005	88.1	65.2	54	29	3	30			
8/24/2005	95.8	81.4	52	32	3	43			

DATE FIELD COMME

LITTLE RILEY CREEK (UPPER)

Little Riley Ck (Upper) at Orange TR 27 (P05K67) - RM 2.64

6/15/2005
6/29/2005 IMPACT FROM STORM RUNNOFF
7/13/2005
7/27/2005
8/10/2005
8/24/2005

6/15/2005
6/29/2005 IMPACT FROM STORM RUNOFF
7/13/2005
7/27/2005
8/10/2005
8/24/2005

MARSH RUN (RILEY)

Marsh Run (Riley) at Union TR 51 (P05K69) - RM 1.74

6/15/2005
6/29/2005
7/13/2005
7/27/2005
8/10/2005
8/24/2005

LITTLE RILEY CREEK (LOWER)

Little Riley Ck (Lower) at Swaney Rd (P05K70) - RM 5.50

6/15/2005
6/29/2005
7/13/2005
7/27/2005
8/10/2005
8/24/2005

Little Riley Ck (Lower) at Hillville Rd (P05K71) - RM 4.30

6/15/2005
6/29/2005
7/13/2005
7/27/2005
8/10/2005
8/24/2005

Little Riley Ck (Lower) at Riley St (P05S58) - RM 0.03

6/15/2005
6/29/2005
7/13/2005
7/27/2005

CRANBERRY RUN

Cranberry Run at Cool Rd (S Crossing) (P05K72) - RM 6.67

6/15/2005
6/29/2005
7/13/2005
7/27/2005
8/11/2005
8/24/2005

Cranberry Run at Putnam CR O (P05K73) - RM 1.22

6/15/2005
6/29/2005
7/13/2005
7/27/2005
8/11/2005
8/24/2005

DATE	Temp P10 C	D.O. P299 mg/L	D.O. P301 %	Sat. pH P400 S.U.	Field pH - Lab P403 S.U.	Flow P61 cfs	Gage P65 feet	Conduct. Field P94 umhos/cm	Conduct. @ 25C P95 umhos/cm	Secchi Depth meters	Acidity P70508 mg/L	Alkalinity P410 mg/L	E.coli P31648 #/100ml
<u>RILEY CREEK</u>													
Riley Ck at Hancock CR 12 (P05K64) - RM 24.94													
6/15/2005	20.3	3.6	39.4	7.42					813		<5.0	238	
6/29/2005	22.2	3.6	41.5	7.57					1000		<5.0	284	
7/7/2005													
7/13/2005	22.5	3.3	38.0	7.18					1140		<5.0	365	
7/18/2005													
7/27/2005	22.3	3.6	41.4	7.36					903		<5.0	211	
8/10/2005	21.9	3.6	40.6	7.45					819		<5.0	221	
8/24/2005	16.5	4.7	48.6	7.58					763		<5.0	194	
Riley Ck at Hancock CR 28 (P05K65) - RM 22.62													
6/15/2005	20.5	4.0	44.5	7.51					968		<5.0	212	
6/29/2005	22.5	4.2	48.0	7.56					941		<5.0	212	
7/7/2005													
7/13/2005	23.4	3.5	40.8	7.26					1230		<5.0	291	
7/18/2005													
7/27/2005	22.2	4.2	48.5	7.38					958		<5.0	216	
8/10/2005	22.2	4.2	48.5	7.79					1180		<5.0	259	
8/24/2005	16.0	3.2	32.8	7.73					1660		<5.0	265	
Riley Ck at Orange TR 51 (P05W30) - RM 19.40													
6/15/2005	21.4	4.7	52.8	7.64					1050		<5.0	207	
6/29/2005	22.9	5.4	62.2	7.53					738		<5.0	123	
7/7/2005													
7/13/2005	24.2	3.5	41.6	7.53					776		<5.0	172	
7/18/2005													
7/27/2005	23.2	5.2	61.3	7.49					729		<5.0	158	
8/10/2005	24.6	4.3	52.2	7.85					1170		<5.0	215	
8/24/2005	18.7	4.7	50.4	7.71					1070		<5.0	197	
Riley Ck Jst Ust Bluffton WWTP (P05S57) - RM 15.41													
6/15/2005	22.2	6.0	69.3	7.85					976		<5.0	214	
6/29/2005	23.8	5.6	66.7	7.81					850		<5.0	177	
7/7/2005													
7/13/2005	25.1	6.6	80.2	7.80					1190		<5.0	279	
7/18/2005													
7/27/2005	22.8	5.4	63.1	7.42					710		<5.0	164	
8/10/2005	24.6	7.8	93.6	8.07					1180		<5.0	266	
8/24/2005	20.1	8.0	87.5	8.08					1270		<5.0	262	
Bluffton WWTP 001 Outfall to Riley Ck (P05S56) - RM 15.40													
6/15/2005	21.5	8.3	93.9	7.76					2650		<5.0	164	
6/29/2005	23.5	7.8	91.3	7.95					3000		<5.0	170	
7/13/2005	23.8	7.6	89.6	7.84					3090		<5.0	175	
7/27/2005	23.7	7.7	91.3	7.58					2550		<5.0	153	
8/11/2005	24.9	7.7	92.9	7.96					2980		<5.0	165	
8/24/2005	22.8	7.8	91.3	8.08					2980		<5.0	210	
Riley Ck at Fett Rd (Dst Bluffton WWTP) (P05S54) - RM 13.05													
6/15/2005	22.8	5.7	67.0	7.84					1120		<5.0	199	
6/29/2005	24.8	6.7	80.4	7.99					1420		<5.0	194	
7/7/2005													
7/13/2005	26.1	15.1	185.8	8.17					1590		<5.0	194	
7/18/2005													
7/27/2005	23.5	5.6	66.0	7.64					1070		<5.0	156	
8/10/2005	25.6	10.9	133.6	8.33					1580		<5.0	201	
8/24/2005	19.9	8.0	87.7	8.15					1650		<5.0	205	
Riley Ck at Riley TR Q (Madison Ave) (P05S50) - RM 7.52													
6/15/2005	22.2	7.0	80.8	7.88					1240		<5.0	209	
6/29/2005	25.6	5.2	63.0	7.68					1350		<5.0	182	
7/7/2005													
7/13/2005	26.9	5.6	69.8	7.78					1150		<5.0	212	
7/18/2005													
7/27/2005	23.2	5.7	66.7	7.49					707		<5.0	138	
8/11/2005	25.4	7.9	96.6	8.41					847		<5.0	164	
8/24/2005	20.9	7.8	87.3	8.21							<5.0	160	

DATE	Total Hardness P900 mg/L	Aluminum P1105 ug/L	Arsenic P1002 ug/L	Barium P1007 ug/L	Cadmium P1027 ug/L	Chromium P1034 ug/L	Copper P1042 ug/L	Iron P1045 ug/L	Lead P1051 ug/L	Manga- nese P1055 ug/L	Mercury P71900 ug/L	Nickel P1067 ug/L	Selenium P1147 ug/L	Strontium P1082 ug/L
<u>RILEY CREEK</u>														
Riley Ck at Hancock CR 12 (P05K64) - RM 24.94														
6/15/2005	368	298	5.1	56	<0.20	<30	<10	873	<2.0	636	<0.20	<40	<2.0	572
6/29/2005	396	291	8.0	60	<0.20	<30	<10	780	<2.0	968	<0.20	<40	<2.0	674
7/7/2005														
7/13/2005	409	<200	9.9	56	<0.20	<30	<10	782	<2.0	993	<0.20	<40	<2.0	762
7/18/2005														
7/27/2005	342	<200	8.0	62	<0.20	<30	<10	999	<2.0	799	<0.20	<40	<2.0	685
8/10/2005	278	300	8.3	50	<0.20	<30	<10	1280	<2.0	670	<0.20	<40	<2.0	592
8/24/2005	333	370	3.9	67	<0.20	<30	<10	880	<2.0	539	<0.20	<40	<2.0	636
Riley Ck at Hancock CR 28 (P05K65) - RM 22.62														
6/15/2005	446	602	3.4	62	<0.20	<30	<10	1250	<2.0	273	<0.20	<40	<2.0	2540
6/29/2005	438	695	4.2	67	<0.20	<30	<10	1190	<2.0	353	<0.20	<40	<2.0	3040
7/7/2005														
7/13/2005	494	907	7.1	77	<0.20	<30	<10	1540	<2.0	549	<0.20	<40	<2.0	3370
7/18/2005														
7/27/2005	405	1460	6.2	70	<0.20	<30	<10	2410	<2.0	442	<0.20	<40	<2.0	3100
8/10/2005	421	1950	7.6	76	<0.20	<30	<10	3170	2.3	587	<0.20	<40	<2.0	2810
8/24/2005	526	1540	6.3	95	<0.20	<30	<10	2270	<2.0	633	<0.20	<40	<2.0	3480
Riley Ck at Orange TR 51 (P05W30) - RM 19.40														
6/15/2005	496	200	3.8	63	<0.20	<30	<10	468	<2.0	151	<0.20	<40	<2.0	2070
6/29/2005	313	5640	4.3	81	<0.20	<30	<10	7720	3.8	176	<0.20	<40	<2.0	1310
7/7/2005														
7/13/2005	284	1370	3.8	57	<0.20	<30	<10	2040	<2.0	415	<0.20	<40	<2.0	1180
7/18/2005														
7/27/2005	307	689	3.4	54	<0.20	<30	<10	1170	<2.0	189	<0.20	<40	<2.0	1230
8/10/2005	365	1420	5.9	80	<0.20	<30	<10	2370	<2.0	652	<0.20	<40	<2.0	1680
8/24/2005	350	923	4.3	69	<0.20	<30	<10	1410	<2.0	398	<0.20	<40	<2.0	1660
Riley Ck Jst Ust Bluffton WWTP (P05S57) - RM 15.41														
6/15/2005	435	<200	<2.0	43	<0.20	<30	<10	271	<2.0	48	<0.20	<40	<2.0	2440
6/29/2005	379	382	2.6	40	<0.20	<30	<10	698	<2.0	50	<0.20	<40	<2.0	2150
7/7/2005														
7/13/2005	592	278	<2.0	46	<0.20	<30	<10	577	<2.0	74	<0.20	<40	<2.0	4700
7/18/2005														
7/27/2005	280	355	3.0	38	<0.20	<30	<10	840	<2.0	48	<0.20	<40	<2.0	1650
8/10/2005	618	<200	<2.0	44	<0.20	<30	<10	191	<2.0	35	<0.20	<40	<2.0	4520
8/24/2005	616	218	<2.0	43	<0.20	<30	<10	336	<2.0	43	<0.20	<40	<2.0	4560
Bluffton WWTP 001 Outfall to Riley Ck (P05S56) - RM 15.40														
6/15/2005	552	895	<2.0	31	0.20	<30	21	667	<2.0	<10	<0.20	<40	<2.0	3590
6/29/2005	584	351	<2.0	25	0.20	<30	25	188	<2.0	<10	<0.20	<40	<2.0	3940
7/13/2005	597	562	<2.0	24	<0.20	<30	21	308	<2.0	<10	<0.20	<40	<2.0	4420
7/27/2005	550	746	<2.0	22	<0.20	<30	15	434	<2.0	<10	<0.20	<40	<2.0	3780
8/11/2005	564	<200	<2.0	19	<0.20	<30	14	<50	<2.0	<10	<0.20	<40	<2.0	4030
8/24/2005	574	442	<2.0	21	<0.20	<30	18	177	<2.0	<10	<0.20	<40	<2.0	4080
Riley Ck at Fett Rd (Dst Bluffton WWTP) (P05S54) - RM 13.05														
6/15/2005	393	<200	2.6	45	<0.20	<30	<10	408	<2.0	70	<0.20	<40	<2.0	2100
6/29/2005	488	201	2.5	55	<0.20	<30	<10	397	<2.0	105	<0.20	<40	<2.0	2990
7/7/2005														
7/13/2005	511	<200	<2.0	58	<0.20	<30	<10	346	<2.0	76	<0.20	<40	<2.0	3780
7/18/2005														
7/27/2005	366	878	2.6	46	<0.20	<30	<10	1520	<2.0	66	<0.20	<40	<2.0	2250
8/10/2005	514	277	<2.0	61	<0.20	<30	<10	444	<2.0	96	<0.20	<40	<2.0	3440
8/24/2005	534	332	<2.0	60	<0.20	<30	<10	505	<2.0	68	<0.20	<40	<2.0	3730
Riley Ck at Riley TR Q (Madison Ave) (P05S50) - RM 7.52														
6/15/2005	452	<200	2.9	60	<0.20	<30	<10	232	<2.0	59	<0.20	<40	<2.0	2350
6/29/2005	474	<200	3.9	69	<0.20	<30	<10	424	<2.0	145	<0.20	<40	<2.0	2600
7/7/2005														
7/13/2005	422	<200	4.2	52	<0.20	<30	<10	295	<2.0	72	<0.20	<40	<2.0	2410
7/18/2005														
7/27/2005	259	<200	2.3	40	<0.20	<30	<10	370	<2.0	50	<0.20	<40	<2.0	1120
8/11/2005	277	<200	4.1	23	<0.20	<30	<10	249	<2.0	83	<0.20	<40	<2.0	1310
8/24/2005	416	<200	<2.0	58	<0.20	<30	<10	260	<2.0	65	<0.20	<40	<2.0	2560

DATE	BOD5 P310 mg/L	CBOD5 P80082 mg/L	CBOD20 P80087 mg/L	TOC P680 mg/L	COD P340 mg/L	Nitrate + nitrite P630 mg/L	Nitrite P615 mg/L	Ammonia P610 mg/L	TKN P625 mg/L	Total Phosphorus P665 mg/L	Total Diss Phos P666 mg/L	Total Diss Solids P70300 mg/L	Total Susp Solids P530 mg/L
<u>RILEY CREEK</u>													
Riley Ck at Hancock CR 12 (P05K64) - RM 24.94													
6/15/2005	2.4				20	0.26	<0.020	0.672	1.33	0.172		492	13
6/29/2005	7.2				16	0.20	<0.020	0.239	1.23	0.298		604	13
7/7/2005													
7/13/2005	5.2				36	<0.10	<0.020	0.756	1.62	0.262		688	12
7/18/2005													
7/27/2005	2.8				30	1.63	<0.020	0.312	1.11	0.247		558	14
8/10/2005	4.9				35	<0.10	<0.020	0.223	1.33	0.345		494	20
8/24/2005	3.1				31	<0.10	<0.020	0.146	0.91	0.160		500	21
Riley Ck at Hancock CR 28 (P05K65) - RM 22.62													
6/15/2005	<2.0				14	0.31	0.034	0.240	0.87	0.160		644	23
6/29/2005	2.5				11	0.64	0.024	0.300	0.91	0.202		630	24
7/7/2005													
7/13/2005	5.5				23	0.22	<0.020	0.323	1.07	0.033		798	31
7/18/2005													
7/27/2005	2.6				19	0.37	<0.020	0.232	0.73	0.220		624	58
8/10/2005	4.8				23	0.19	<0.020	0.256	1.14	0.274		732	108
8/24/2005	3.6				25	<0.10	<0.020	0.596	1.71	0.244		1050	60
Riley Ck at Orange TR 51 (P05W30) - RM 19.40													
6/15/2005	<2.0				14	5.22	0.073	0.166	1.04	0.053		660	7
6/29/2005	4.2				<10	4.17	0.164	0.257	1.12	0.165		478	133
7/7/2005													
7/13/2005	5.8				25	<0.10	<0.020	0.097	0.69	0.082		480	55
7/18/2005													
7/27/2005	6.2				22	1.19	<0.020	<0.050	0.68	0.080		462	33
8/10/2005	12				26	<0.10	<0.020	0.073	1.40	0.186		698	80
8/24/2005	4.0				28	0.16	<0.020	0.320	1.36	0.108		652	42
Riley Ck Jst Ust Bluffton WWTP (P05S57) - RM 15.41													
6/15/2005	<2.0				12	1.27	0.093	0.101	0.74	0.050		628	5
6/29/2005	<2.0				<10	1.50	0.047	0.093	0.76	0.065		568	19
7/7/2005													
7/13/2005	<2.0				12	0.16	<0.020	0.080	0.39	0.036		846	19
7/18/2005													
7/27/2005	<2.0				16	0.59	0.021	0.079	0.53	0.084		446	14
8/10/2005	<2.0				<10	<0.10	<0.020	0.060	0.27	0.039		828	7
8/24/2005	<2.0				11	0.92	<0.020	0.099	0.29	0.106		900	11
Bluffton WWTP 001 Outfall to Riley Ck (P05S56) - RM 15.40													
6/15/2005	<2.0	<2.0			28	23.9	<0.020	<0.050	1.93	0.746		1640	19
6/29/2005	<2.0	<2.0			22	29.2	0.023	<0.050	1.65	0.527		1870	<5
7/13/2005	<2.0	<2.0			26	31.9	<0.020	0.054	0.85	0.572		1920	8
7/27/2005	<2.0	<2.0			19	29.0	<0.020	<0.050	1.06	0.605		1620	12
8/11/2005	<2.0	<2.0			20	29.8	0.031	0.052	1.32	0.266		1940	<5
8/24/2005	<2.0	<2.0			28	26.5	0.027	0.054	1.26	0.769		1890	7
Riley Ck at Fett Rd (Dst Bluffton WWTP) (P05S54) - RM 13.05													
6/15/2005	<2.0				14	3.67	0.095	0.212	1.34	0.162		698	9
6/29/2005	3.2				18	3.77	0.041	0.057	0.94	0.083		916	11
7/7/2005													
7/13/2005	12				28	2.56	0.032	<0.050	1.12	0.051		1030	23
7/18/2005													
7/27/2005	2.4				16	5.06	0.030	0.093	0.89	0.156		678	37
8/10/2005	7.7				20	3.50	0.032	0.058	1.26	0.015		1040	27
8/24/2005	2.2				19	3.88	0.031	0.073	1.00	0.028		1070	18
Riley Ck at Riley TR Q (Madison Ave) (P05S50) - RM 7.52													
6/15/2005	<2.0				17	1.22	0.033	0.058	1.27	0.116	0.102	776	9
6/29/2005	2.2				13	0.18	<0.020	0.096	1.25	0.185	0.133	850	11
7/7/2005													
7/13/2005	2.0				23	<0.10	<0.020	0.085	0.81	0.167	0.149	730	7
7/18/2005													
7/27/2005	2.1				17	2.77	0.051	0.100	0.76	0.234	0.125	434	8
8/11/2005	2.1				23	0.20	<0.020	0.081	0.90	0.136	0.121	532	8
8/24/2005	2.1				22	0.14	<0.020	0.058	0.87	0.116	0.053	840	7

DATE	Sulfate P945 mg/L	Chloride P940 mg/L	Calcium P916 mg/L	Magnesium P927 mg/L	Potassium P937 mg/L	Sodium P929 mg/L	Total Volatile Solids P505 mg/L	Fluoride P951 mg/L	Hexavalent Chromium P1220 ug/L	Oil & Grease P556 mg/L
<u>RILEY CREEK</u>										
Riley Ck at Hancock CR 12 (P05K64) - RM 24.94										
6/15/2005	101	59.4	88	36	5	31				
6/29/2005	72.6	99.6	96	38	5	59				
7/7/2005										
7/13/2005	31.1	141	98	40	5	77				
7/18/2005										
7/27/2005	119	97.9	86	31	6	64				
8/10/2005	54.5	104	70	25	6	62				
8/24/2005	151	55.4	84	30	7	36				
Riley Ck at Hancock CR 28 (P05K65) - RM 22.62										
6/15/2005	214	61.2	101	47	5	43				
6/29/2005	218	46.5	101	45	5	39				
7/7/2005										
7/13/2005	235	99.2	112	52	5	77				
7/18/2005										
7/27/2005	192	78.0	93	42	6	52				
8/10/2005	182	131	96	44	6	95				
8/24/2005	239	296	115	58	7	168				
Riley Ck at Orange TR 51 (P05W30) - RM 19.40										
6/15/2005	253	66.6	108	55	5	45				
6/29/2005	162	48.9	71	33	6	35				
7/7/2005										
7/13/2005	126	70.6	61	32	5	47				
7/18/2005										
7/27/2005	146	57.5	72	31	6	36				
8/10/2005	147	161	82	39	6	105				
8/24/2005	133	150	79	37	7	94				
Riley Ck Jst Ust Bluffton WWTP (P05S57) - RM 15.41										
6/15/2005	212	63.9	95	48	4	41				
6/29/2005	196	49.4	86	40	5	34				
7/7/2005										
7/13/2005	294	61.0	125	68	6	39				
7/18/2005										
7/27/2005	126	62.6	66	28	4	44				
8/10/2005	341	60.7	132	70	6	38				
8/24/2005	345	83.5	133	69	7	54				
Bluffton WWTP 001 Outfall to Riley Ck (P05S56) - RM 15.40										
6/15/2005	344	522	132	54	23	337				3.2
6/29/2005	387	571	140	57	28	390				2.1
7/13/2005	361	632	140	60	27	480				<2.0
7/27/2005	338	512	133	53	22	367				2.2
8/11/2005	409	623	135	55	27	411				<2.0
8/24/2005	374	660	136	57	29	430				<2.0
Riley Ck at Fett Rd (Dst Bluffton WWTP) (P05S54) - RM 13.05										
6/15/2005	199	106	88	42	7	72				
6/29/2005	278	146	108	53	9	110				
7/7/2005										
7/13/2005	314	232	99	64	12	156				
7/18/2005										
7/27/2005	198	120	84	38	8	87				
8/10/2005	339	235	107	60	12	138				
8/24/2005	338	256	115	60	13	160				
Riley Ck at Riley TR Q (Madison Ave) (P05S50) - RM 7.52										
6/15/2005	231	123	97	51	7	87				
6/29/2005	272	138	96	57	8	104				
7/7/2005										
7/13/2005	212	119	85	51	7	90				
7/18/2005										
7/27/2005	127	69.0	61	26	6	44				
8/11/2005	139	97.0	58	32	5	62				
8/24/2005	272	180	81	52	10	124				

DATE FIELD

RILEY CREEK

Riley Ck at Hancock CR 12 (P05K64) - RM 24.94

6/15/2005
6/29/2005
7/7/2005 Bacteria run
7/13/2005
7/18/2005 Bacteria run
7/27/2005
8/10/2005
8/24/2005

Riley Ck at Hancock CR 28 (P05K65) - RM 22.62

6/15/2005
6/29/2005
7/7/2005 Bacteria run
7/13/2005
7/18/2005 Bacteria run
7/27/2005
8/10/2005
8/24/2005

Riley Ck at Orange TR 51 (P05W30) - RM 19.40

6/15/2005
6/29/2005 IMPACT FROM STORM RUNNOFF
7/7/2005 Bacteria run
7/13/2005
7/18/2005 Bacteria run
7/27/2005
8/10/2005
8/24/2005

Riley Ck Jst Ust Bluffton WWTP (P05S57) - RM 15.41

6/15/2005
6/29/2005
7/7/2005 Bacteria run
7/13/2005
7/18/2005 Bacteria run
7/27/2005
8/10/2005
8/24/2005

Bluffton WWTP 001 Outfall to Riley Ck (P05S56) - RM 15.40

6/15/2005
6/29/2005
7/13/2005
7/27/2005
8/11/2005
8/24/2005

Riley Ck at Fett Rd (Dst Bluffton WWTP) (P05S54) - RM 13.05

6/15/2005
6/29/2005
7/7/2005 Bacteria run
7/13/2005
7/18/2005 Bacteria run
7/27/2005
8/10/2005
8/24/2005

Riley Ck at Riley TR Q (Madison Ave) (P05S50) - RM 7.52

6/15/2005
6/29/2005 LIVESTOCK IN STREAM
7/7/2005 Bacteria run
7/13/2005
7/18/2005 Bacteria run
7/27/2005
8/11/2005
8/24/2005

DATE	Temp P10 C	D.O. P299 mg/L	D.O. P301 %	Sat. pH P400 S.U.	Field pH - Lab P403 S.U.	Flow P61 cfs	Gage P65 feet	Conduct. Field P94 umhos/cm	Conduct. @ 25C P95 umhos/cm	Secchi Depth meters	Acidity P70508 mg/L	Alkalinity P410 mg/L	E.coli P31648 #/100ml
Riley Ck at CR 6 (500480) - RM 4.36													
6/15/2005	22.9	6.4	74.2	7.89					1140		<5.0	205	
6/29/2005	27.0	6.7	84.1	8.08					1100		<5.0	177	
7/7/2005													
7/13/2005	28.3	6.3	80.6	7.76					1170		<5.0	191	
7/18/2005													
7/27/2005	24.7	5.8	70.1	7.40					604		<5.0	139	
8/11/2005	27.2	8.1	102.1	8.59					933		<5.0	174	
8/24/2005	22.5	8.0	92.8	8.26					1340		<5.0	162	
Riley Ck at Ottawa TR K-6 (P05K66) - RM 1.20													
6/1/2005	21.6	9.0	102.2	7.93		6.790	17.17		993		<5.0	190	
6/15/2005	23.0	6.2	71.7	7.78			16.93		981		<5.0	174	
6/21/2005	21.3	8.7	97.7	8.21		3.816	17.29		1070		<5.0	193	
6/29/2005	26.4	6.4	80.0	7.95			17.32		1010		<5.0	180	
7/5/2005	24.7	6.6	79.6	7.94		3.071	17.27		1190		<5.0 PT	192	
7/7/2005													
7/13/2005	26.8	5.8	71.9	7.40			17.46		1150		<5.0	200	
7/18/2005													
7/20/2005													
7/27/2005	23.7	5.4	64.3	7.24			16.75		578		<5.0	134	
8/3/2005													
8/11/2005	25.8	6.1	74.6	7.70			17.41		992		<5.0	162	
8/15/2005	23.3	5.3	62.4	7.64		10.791	17.00		918		<5.0	162	
8/24/2005	21.1	5.8	65.0	7.68			17.51				<5.0	166	

DATE	Total	Aluminum	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manga- nese	Mercury	Nickel	Selenium	Strontium
	Hardness	P1105	P1002	P1007	P1027	P1034	P1042	P1045	P1051	P1055	P71900	P1067	P1147	P1082
	P900	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Riley Ck at CR 6 (500480) - RM 4.36														
6/15/2005	402	<200	3.2	54	<0.20	<30	<10	322	<2.0	51	<0.20	<40	<2.0	1900
6/29/2005	387	<200	4.1	52	<0.20	<30	<10	420	<2.0	103	<0.20	<40	<2.0	1830
7/7/2005														
7/13/2005	418	<200	3.3	46	<0.20	<30	<10	369	<2.0	74	<0.20	<40	<2.0	2310
7/18/2005														
7/27/2005	228	<200	2.7	35	<0.20	<30	<10	358	<2.0	48	<0.20	<40	<2.0	955
8/11/2005	275	<200	3.8	39	<0.20	<30	<10	372	<2.0	105	<0.20	<40	<2.0	1530
8/24/2005	415	<200	3.3	62	<0.20	<30	<10	391	<2.0	55	<0.20	<40	<2.0	2220
Riley Ck at Ottawa TR K-6 (P05K66) - RM 1.20														
6/1/2005	412	<200	2.4	54	<0.20	<30	<10	316	<2.0	55	<0.20	<40	<2.0	1780
6/15/2005	359	221	3.3	51	<0.20	<30	<10	448	<2.0	56	<0.20	<40	<2.0	1650
6/21/2005	412	297	2.6	58	<0.20	<30	<10	582	<2.0	67	<0.20	<40	<2.0	1910
6/29/2005	372	376	4.4	55	<0.20	<30	<10	656	<2.0	102	<0.20	<40	<2.0	1940
7/5/2005	430	359	3.3	61	<0.20	<30	19	890	<2.0	89	<0.20	<40	<2.0	2270
7/7/2005														
7/13/2005	424	400	3.8	62	<0.20	<30	<10	719	<2.0	112	<0.20	<40	<2.0	2810
7/18/2005														
7/20/2005	258	204	<2.0	42	<0.20	<30	<10	436	<2.0	34		<40	<2.0	1190
7/27/2005	249	1830	2.9	49	<0.20	<30	<10	2680	<2.0	90	<0.20	<40	<2.0	997
8/3/2005	349	315	3.1	53	<0.20	<30	<10	548	<2.0	75		<40	<2.0	2090
8/11/2005	312	301	3.7	47	<0.20	<30	<10	499	<2.0	78	<0.20	<40	<2.0	2080
8/15/2005	310	389	4.8	50	<0.20	<30	<10	780	<2.0	94		<40	<2.0	2080
8/24/2005	341	262	4.2	49	<0.20	<30	<10	367	<2.0	71	<0.20	<40	<2.0	2180

DATE	BOD5 P310 mg/L	CBOD5 P80082 mg/L	CBOD20 P80087 mg/L	TOC P680 mg/L	COD P340 mg/L	Nitrate + nitrite P630 mg/L	Nitrite P615 mg/L	Ammonia P610 mg/L	TKN P625 mg/L	Total Phosphorus P665 mg/L	Total Diss Phos P666 mg/L	Total Diss Solids P70300 mg/L	Total Susp Solids P530 mg/L
Riley Ck at CR 6 (500480) - RM 4.36													
6/15/2005	<2.0				12	1.12	0.035	0.108	1.12	0.144		698	8
6/29/2005	4.0				21	<0.10 PT	<0.020	<0.050	1.01	0.238		680	14
7/7/2005													
7/13/2005	2.3				20	<0.10	<0.020	<0.050	0.74	0.129		770	13
7/18/2005													
7/27/2005	2.6				18	2.42	0.049	0.076	0.94	0.140		360	10
8/11/2005	5.9				29	<0.10	<0.020	0.058	1.19	0.322 J		564	19
8/24/2005	2.3				22	<0.10	<0.020	0.054	1.04	0.112		858	13
Riley Ck at Ottawa TR K-6 (P05K66) - RM 1.20													
6/1/2005	<2.0				13	0.60	<0.020	0.076	1.26	0.094		620	7
6/15/2005	<2.0				14	1.46	0.025	0.116	1.22	0.170	0.152	606	11
6/21/2005	3.5				18	0.34	<0.020	0.066	1.02	0.115	0.066	674	7
6/29/2005	2.2				18	0.82	<0.020	0.087	1.11	0.038 PT	<0.010 PT	640	15
7/5/2005	<2.0				24	<0.10	<0.020	0.070	1.16	0.204	0.122	730	15
7/7/2005													
7/13/2005	<2.0				17	0.16	<0.020	0.128	0.96	0.210	0.155	768	16
7/18/2005													
7/20/2005	<2.0		7.6			7.89	0.146	0.125	0.84	0.082		422	13
7/27/2005	2.5				16	6.83	0.033	0.126	0.78	0.164	0.110	370	44
8/3/2005	3.7		8.4			<0.10	<0.020	0.064	0.96	0.073		638	19
8/11/2005	<2.0				17	0.70	<0.020	0.130	1.15	0.156	0.131	636	16
8/15/2005	<2.0				21	0.12	<0.020	0.159	1.13	0.301	0.240	590	20
8/24/2005	<2.0				22	<0.10	<0.020	0.130	0.90	0.162	0.161	592	11

DATE	Sulfate P945 mg/L	Chloride P940 mg/L	Calcium P916 mg/L	Magnesium P927 mg/L	Potassium P937 mg/L	Sodium P929 mg/L	Total Volatile Solids P505 mg/L	Fluoride P951 mg/L	Hexavalent Chromium P1220 ug/L	Oil & Grease P556 mg/L
Riley Ck at CR 6 (500480) - RM 4.36										
6/15/2005	193	116	85	46	6	79				
6/29/2005	199	115	79	46	6	82				
7/7/2005										
7/13/2005	227	124	80	53	7	92				
7/18/2005										
7/27/2005	91.5	55.8	55	22	6	33				
8/11/2005	130	119	59	31	8	79				
8/24/2005	279	187	82	51	9	121				
Riley Ck at Ottawa TR K-6 (P05K66) - RM 1.20										
6/1/2005	183	91.4	89	46	5	58				
6/15/2005	170	95.5	76	41	6	61				
6/21/2005	205	108	89	46	6	70				
6/29/2005	173	98.2	78	43	6	68				
7/5/2005	262	124	85	53	7	81				
7/7/2005										
7/13/2005	254	112	84	52	7	74				
7/18/2005										
7/20/2005	106	57.7	62	25	6	38				
7/27/2005	91.1	45.4	60	24	5	25				
8/3/2005	220	110	74	40	7	70				
8/11/2005	183	115	64	37	7	72				
8/15/2005	162	114	63	37	8	82				
8/24/2005	184	107	69	41	7	69				

DATE FIELD

Riley Ck at CR 6 (500480) - RM 4.36

6/15/2005
6/29/2005
7/7/2005 Bacteria run
7/13/2005
7/18/2005 Bacteria run
7/27/2005
8/11/2005
8/24/2005

Riley Ck at Ottawa TR K-6 (P05K66) - RM 1.20

6/1/2005
6/15/2005
6/21/2005
6/29/2005
7/5/2005
7/7/2005 Bacteria run
7/13/2005
7/18/2005 Bacteria run
7/20/2005
7/27/2005
8/3/2005
8/11/2005
8/15/2005
8/24/2005

HUC 04100008 060 - Blanchard River (downstream Riley Creek to mouth, excluding mainstem)

DATE	Temp	D.O.	D.O.	Sat. pH	Field pH	Lab	Flow	Gage	Conduct.	Conduct.	Secchi	Acidity	Alkalinity	E.coli
	P10 C	P299 mg/L	P301 %	P400 S.U.	P403 S.U.	P61 cfs	P65 feet	Field P94 umhos/cm	@ 25C P95 umhos/cm	Depth meters	P70508 mg/L	P410 mg/L	P31648 #/100ml	
PIKE RUN														
Pike Run at Ottawa TR 11 (P05K10) - RM 0.72														
6/16/2005	19.2	6.0		65.4	7.77					737		<5.0	208	
6/30/2005	23.1	2.5		29.1	7.35					779		<5.0	176	
7/14/2005	22.3	3.4		39.0	7.74					955		<5.0 PT	240	
7/28/2005	20.5	7.3		81.3	7.45					469		<5.0	143	
8/11/2005	22.4	2.6		30.3	7.31					694		<5.0	193	
8/25/2005	17.3	3.7		38.3	7.26					700		<5.0	183	
LITTLE CRANBERRY RUN														
Little Cranberry Run at Eversole Rd (P05K74) - RM 0.83														
6/16/2005	20.2	10.8		119.0	8.07					701		<5.0	186	
6/30/2005	25.8	8.2		100.6	7.85					675		<5.0	173	
7/14/2005	24.3	3.5		42.0	7.22					613		<5.0	168	
7/28/2005	21.9	10.6		120.8	8.06					584		<5.0	181	
8/11/2005	26.6	7.0		87.1	7.83					521		<5.0	150	
8/25/2005	21.6	8.8		99.5	8.68					477		<5.0	89.0	
CRANBERRY CREEK														
Cranberry Ck at Rockport Rd (P05K75) - RM 19.94														
6/16/2005	22.3	11.4		130.8	8.13					810		<5.0	219	
6/30/2005	25.1	7.7		93.5	7.68					723		<5.0	199	
7/14/2005	23.9	3.3		39.5	7.94					580		<5.0	175	
7/28/2005	21.5	11.0		124.8	8.08					895		<5.0	215	
8/11/2005	25.6	6.4		78.3	7.90					573		<5.0	158	
8/25/2005	20.3	6.4		70.6	7.54					583		<5.0	163	
Cranberry Ck at Pleasant TR 8-P (P05K76) - RM 12.87														
6/16/2005	20.7	10.7		120.0	8.18					647		<5.0	162	
6/30/2005	25.5	7.8		94.3	7.83					594		<5.0	150	
7/14/2005	23.7	4.1		48.4	7.75					526		<5.0	136	
7/28/2005	21.7	8.4		95.7	7.82					528		<5.0	139	
8/11/2005	23.9	5.4		63.4	7.51					600		<5.0	160	
8/25/2005	18.5	5.9		62.3	7.36					591		<5.0	173	
Cranberry Ck at Pleasant TR M-10 (P05K77) - RM 7.76														
6/16/2005	21.9	10.0		114.2	8.23					634		<5.0	167	
6/30/2005	27.0	7.3		91.1	7.94					632		<5.0	172	
7/14/2005	24.0	4.1		49.0	7.98					589		<5.0	157	
7/28/2005	22.3	9.1		104.9	7.48					535		<5.0	165	
8/11/2005	25.3	7.4		90.6	7.99					542		<5.0	154	
8/25/2005	20.2	6.4		71.0	7.84					554		<5.0	128	
Cranberry Ck at CR J (P05S07) - RM 1.64														
6/1/2005	20.1	7.8		86.3	7.79	3.270	19.18			724		<5.0	182	
6/16/2005	18.5	7.3		77.9	7.96		19.10			690		<5.0	176	
6/21/2005	21.5	7.4		83.2	7.72	1.708	19.32			615		<5.0	133	
6/30/2005	24.6	5.3		62.9	7.65		19.18			686		<5.0	162	
7/5/2005	23.5	3.7		44.4	7.67	0.050	19.37			712		<5.0 PT	167	
7/14/2005	23.9	3.6		42.8	7.54		19.28			652		<5.0	169	
7/20/2005														
7/28/2005	20.4	7.2		80.0	7.20		17.81			489		<5.0	138	
8/3/2005														
8/11/2005	23.5	4.6		54.3	7.43		19.57			745		<5.0	165	
8/15/2005	22.2	4.2		48.0	7.29	1.283	19.36			769		<5.0	150	
8/25/2005	18.6	5.9		63.3	7.65		19.72			670		<5.0	166	
MILLER CITY CUTOFF														
Miller City Cutoff at SR 613 (P05K79) - RM 0.37														
6/16/2005	17.6	5.5		58.0	7.73					721		<5.0	234	
6/30/2005	24.0	4.6		54.9	7.77					814		<5.0	249	
7/14/2005	23.5	3.6		42.2	7.41					1000		<5.0 PT	213	
7/28/2005	20.3	6.9		76.2	7.21					389		<5.0	121	
8/11/2005	22.9	3.7		43.1	7.30					554		<5.0	157	
8/25/2005	17.4	5.6		58.8	7.54					849		<5.0	195	

DATE	Total Hardness	Aluminum	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Strontium
	P900 mg/L	P1105 ug/L	P1002 ug/L	P1007 ug/L	P1027 ug/L	P1034 ug/L	P1042 ug/L	P1045 ug/L	P1051 ug/L	P1055 ug/L	P71900 ug/L	P1067 ug/L	P1147 ug/L	P1082 ug/L
PIKE RUN														
Pike Run at Ottawa TR 11 (P05K10) - RM 0.72														
6/16/2005	348	1070	2.4	58	<0.20	<30	<10	1580	<2.0	87	<0.20	<40	<2.0	511
6/30/2005	299	<200	7.4	44	<0.20	<30	<10	356	<2.0	779	<0.20	<40	<2.0	744
7/14/2005	406	336	10.4	71	<0.20	<30	<10	644	<2.0	1120	<0.20	<40	<2.0	1380
7/28/2005	228	5140	3.3	75	<0.20	<30	<10	6800	5.5	118	<0.20	<40	<2.0	246
8/11/2005	260	418	7.1	53	<0.20	<30	<10	691	<2.0	446	<0.20	<40	<2.0	652
8/25/2005	268	1020	6.6	55	<0.20	<30	<10	1580	<2.0	315	<0.20	<40	<2.0	776
LITTLE CRANBERRY RUN														
Little Cranberry Run at Eversole Rd (P05K74) - RM 0.83														
6/16/2005	332	216	<2.0	48	<0.20	<30	<10	316	<2.0	19	<0.20	<40	<2.0	510
6/30/2005	300	<200	2.0	52	<0.20	<30	<10	114	<2.0	27	<0.20	<40	<2.0	488
7/14/2005	296	<200	3.7	45	<0.20	<30	<10	183	<2.0	142	<0.20	<40	<2.0	442
7/28/2005	269	<200	3.2	42	<0.20	<30	<10	127	<2.0	30	<0.20	<40	<2.0	420
8/11/2005	232	<200	5.3	36	<0.20	<30	<10	296	<2.0	90	<0.20	<40	<2.0	351
8/25/2005	205	<200	2.8	27	<0.20	<30	<10	213	<2.0	36	<0.20	<40	<2.0	302
CRANBERRY CREEK														
Cranberry Ck at Rockport Rd (P05K75) - RM 19.94														
6/16/2005	364	<200	2.4	42	<0.20	<30	<10	179	<2.0	25	<0.20	<40	<2.0	777
6/30/2005	302	<200	2.9	39	<0.20	<30	<10	228	<2.0	114	<0.20	<40	<2.0	626
7/14/2005	304	225	5.3	37	<0.20	<30	<10	534	<2.0	218	<0.20	<40	<2.0	629
7/28/2005	322	<200	4.1	38	<0.20	<30	<10	132	<2.0	20	<0.20	<40	<2.0	832
8/11/2005	228	<200	7.4	23	<0.20	<30	<10	205	<2.0	164	<0.20	<40	<2.0	429
8/25/2005	257	323	3.8	33	<0.20	<30	<10	568	<2.0	83	<0.20	<40	<2.0	484
Cranberry Ck at Pleasant TR 8-P (P05K76) - RM 12.87														
6/16/2005	292	<200	<2.0	46	<0.20	<30	<10	80	<2.0	10	<0.20	<40	<2.0	405
6/30/2005	247	<200	2.7	44	<0.20	<30	<10	185	<2.0	72	<0.20	<40	<2.0	340
7/14/2005	250	<200	4.8	44	<0.20	<30	<10	303	<2.0	184	<0.20	<40	<2.0	299
7/28/2005	224	<200	3.6	42	<0.20	<30	<10	247	<2.0	47	<0.20	<40	<2.0	301
8/11/2005	250	<200	6.3	44	<0.20	<30	<10	356	<2.0	172	<0.20	<40	<2.0	311
8/25/2005	288	<200	3.2	47	<0.20	<30	<10	397	<2.0	145	<0.20	<40	<2.0	408
Cranberry Ck at Pleasant TR M-10 (P05K77) - RM 7.76														
6/16/2005	281	<200	2.0	46	<0.20	<30	<10	222	<2.0	13	<0.20	<40	<2.0	419
6/30/2005	286	341	4.1	54	<0.20	<30	<10	866	<2.0	149	<0.20	<40	<2.0	448
7/14/2005	270	402	4.7	56	<0.20	<30	<10	799	<2.0	297	<0.20	<40	<2.0	497
7/28/2005	253	721	2.6	49	<0.20	<30	<10	1250	<2.0	35	<0.20	<40	<2.0	306
8/11/2005	221	538	5.9	43	<0.20	<30	<10	917	<2.0	217	<0.20	<40	<2.0	473
8/25/2005	232	479	4.6	43	<0.20	<30	<10	878	<2.0	160	<0.20	<40	<2.0	501
Cranberry Ck at CR J (P05S07) - RM 1.64														
6/1/2005	334	316	2.0	53	<0.20	<30	<10	569	<2.0	36	<0.20	<40	<2.0	553
6/16/2005	308	219	2.3	49	<0.20	<30	<10	419	<2.0	41	<0.20	<40	<2.0	519
6/21/2005	254	<200	<2.0	43	<0.20	<30	<10	422	<2.0	50	<0.20	<40	<2.0	457
6/30/2005	281	<200	4.6	47	<0.20	<30	<10	558	<2.0	233	<0.20	<40	<2.0	520
7/5/2005	293	<200	3.4	47	<0.20	<30	13	518	<2.0	272	<0.20	<40	<2.0	551
7/14/2005	319	322	4.4	58	<0.20	<30	<10	698	<2.0	346	<0.20	<40	<2.0	633
7/20/2005	279	636	<2.0	54	<0.20	<30	<10	1070	<2.0	41	<0.20	<40	<2.0	424
7/28/2005	237	2490	<2.0	57	<0.20	<30	<10	3720	<2.0	69	<0.20	<40	<2.0	304
8/3/2005	274	<200	2.9	49	<0.20	<30	<10	314	<2.0	45	<0.20	<40	<2.0	529
8/11/2005	282	333	4.0	59	<0.20	<30	<10	614	<2.0	104	<0.20	<40	<2.0	581
8/15/2005	254	240	3.6	58	<0.20	<30	<10	512	<2.0	98	<0.20	<40	<2.0	670
8/25/2005	273	1100	2.8	63	<0.20	<30	<10	1780	<2.0	159	<0.20	<40	<2.0	623
MILLER CITY CUTOFF														
Miller City Cutoff at SR 613 (P05K79) - RM 0.37														
6/16/2005	358	2030	4.1	61	<0.20	<30	<10	2920	<2.0	115	<0.20	<40	<2.0	501
6/30/2005	364	2850	8.7	80	<0.20	<30	<10	4030	2.7	467	<0.20	<40	<2.0	565
7/14/2005	363	2170	11.9	90	<0.20	<30	<10	3230	2.4	828	<0.20	<40	<2.0	943
7/28/2005	193	3000	2.9	52	<0.20	<30	<10	3910	2.2	56	<0.20	<40	<2.0	210
8/11/2005	226	3470	5.1	68	<0.20	<30	<10	5090	3.7	236	<0.20	<40	<2.0	462
8/25/2005	328	1750	4.9	82	<0.20	<30	<10	2610	<2.0	319	<0.20	<40	<2.0	892

DATE	BOD5 P310 mg/L	CBOD5 P80082 mg/L	CBOD20 P80087 mg/L	TOC P680 mg/L	COD P340 mg/L	Nitrate + nitrite P630 mg/L	Nitrite P615 mg/L	Ammonia P610 mg/L	TKN P625 mg/L	Total Phosphorus P665 mg/L	Total Diss Phos P666 mg/L	Total Diss Solids P70300 mg/L	Total Susp Solids P530 mg/L
PIKE RUN													
Pike Run at Ottawa TR 11 (P05K10) - RM 0.72													
6/16/2005	<2.0				12	6.76	0.127	0.091	0.89	0.085		448	14
6/30/2005	2.2				29	0.11	0.022	1.11	1.94	0.427		484	7
7/14/2005	3.0				31	0.14	0.037	2.56	3.27	0.400		592	15
7/28/2005	4.2				27	8.03	0.043	0.150	1.36	0.330		346	87
8/11/2005	2.4				23	0.27 J	0.047	0.832	1.66	0.320 J		436	18
8/25/2005	3.3				22	0.23	0.104	1.14	1.93	0.202		436	38
LITTLE CRANBERRY RUN													
Little Cranberry Run at Eversole Rd (P05K74) - RM 0.83													
6/16/2005	<2.0				<10	6.05	0.106	<0.050	0.56	0.129		430	<5
6/30/2005	<2.0				18	2.39	0.232	0.119	0.72	0.036		428	<5
7/14/2005	<2.0				14	<0.10	<0.020	0.067	0.36	0.019		368	<5
7/28/2005	<2.0				10	0.66	0.050	<0.050	0.48	0.033		364	<5
8/11/2005	<2.0				12	<0.10 UJ	<0.020	0.057	0.42	<0.010 UJ		314	<5
8/25/2005	<2.0				16	<0.10	<0.020	0.093	0.45	0.029		318	6
CRANBERRY CREEK													
Cranberry Ck at Rockport Rd (P05K75) - RM 19.94													
6/16/2005	<2.0				12	3.05	0.138	0.050	0.65	0.035		506	<5
6/30/2005	<2.0				27	0.65	0.045	0.115	0.77	0.054		450	<5
7/14/2005	<2.0				17	<0.10	0.037	0.160	0.26	0.014		356	17
7/28/2005	<2.0				15	1.00	0.042	<0.050	0.87	0.058		544	<5
8/11/2005	2.8				17	<0.10 UJ	<0.020	0.052	0.65	<0.010 UJ		330	6
8/25/2005	3.7				22	<0.10	<0.020	0.088	0.54	0.048		352	13
Cranberry Ck at Pleasant TR 8-P (P05K76) - RM 12.87													
6/16/2005	<2.0				<10	7.49	0.138	<0.050	0.74	0.024		400	<5
6/30/2005	<2.0				27	2.78	0.125	0.117	0.94	0.053		368	<5
7/14/2005	<2.0				17	<0.10	<0.020	0.094	0.22	0.031		314	<5
7/28/2005	<2.0				13	0.19	<0.020	0.061	0.61	0.036		324	<5
8/11/2005	<2.0				17	<0.10 UJ	<0.020	0.168	0.68	0.111 J		362	8
8/25/2005	<2.0				11	<0.10	<0.020	0.228	0.55	0.062		368	13
Cranberry Ck at Pleasant TR M-10 (P05K77) - RM 7.76													
6/16/2005	<2.0				<10	4.33	0.080	<0.050	0.57	0.019		398	<5
6/30/2005	<2.0				24	<0.10	<0.020	0.052	0.70	0.047		392	22
7/14/2005	<2.0				20	<0.10	<0.020	0.068	0.68	0.037		378	20
7/28/2005	<2.0				13	7.09	0.051	0.060	0.69	0.073		336	22
8/11/2005	4.2				20	<0.10 UJ	<0.020	0.065	0.91	0.057 J		334	22
8/25/2005	2.2				19	<0.10	<0.020	0.161	0.78	0.041		358	19
Cranberry Ck at CR J (P05S07) - RM 1.64													
6/1/2005	2.8				10	1.50	0.040	0.072	0.78	0.060		436	24
6/16/2005	<2.0				<10	1.73	0.042	0.064	0.76	0.041	0.028	430	7
6/21/2005	<2.0				<10	1.68	0.023	0.072	0.61	0.036	0.029	380	6
6/30/2005	<2.0				35	<0.10	<0.020	0.126	0.82	0.083	0.046	428	9
7/5/2005	<2.0				27	<0.10	<0.020	0.093	0.83	0.050	<0.010	422	5
7/14/2005	<2.0				20	<0.10	<0.020	0.107	0.38	0.039	<0.010	400	11
7/20/2005	<2.0		6.2			13.6	0.233	0.300	0.90	0.084		390	17
7/28/2005	2.3				21	10.5	0.061	0.222	1.09	0.178	0.147	344	55
8/3/2005	<2.0		4.6			0.53	<0.020	0.094	0.67	0.041		398	7
8/11/2005	<2.0				14	0.54 J	<0.020	0.102	0.66	0.033 J	<0.010	452	16
8/15/2005	2.0				21	2.08	0.188	0.783	1.80	0.177	0.149	482	9
8/25/2005	<2.0				16	<0.10	<0.020	0.134	0.63	0.072	0.048	414	47
MILLER CITY CUTOFF													
Miller City Cutoff at SR 613 (P05K79) - RM 0.37													
6/16/2005	3.1				12	1.60	0.106	0.419	1.04	0.184		462	84
6/30/2005	11				32	<0.10	<0.020	<0.050	0.67	0.209		492	129
7/14/2005	4.8				31	0.18	<0.020	0.798	1.45	0.282		618	73
7/28/2005	3.0				27	7.02	0.053	0.108	1.10	0.163		304	50
8/11/2005	4.6				23	1.28 J	0.070	0.503	1.27	0.274 J		362	116
8/25/2005	3.8				28	0.44	<0.020	0.309	1.04	0.144		540	67

DATE	Sulfate P945 mg/L	Chloride P940 mg/L	Calcium P916 mg/L	Magnesium P927 mg/L	Potassium P937 mg/L	Sodium P929 mg/L	Total Volatile Solids P505 mg/L	Fluoride P951 mg/L	Hexavalent Chromium P1220 ug/L	Oil & Grease P556 mg/L
------	-------------------------	--------------------------	-------------------------	---------------------------	---------------------------	------------------------	---	--------------------------	---	---------------------------------

PIKE RUN

Pike Run at Ottawa TR 11 (P05K10) - RM 0.72

6/16/2005	82.5	47.1	95	27	4	24			
6/30/2005	106	73.0	72	29	5	39			
7/14/2005	109	139	100	38	7	71			
7/28/2005	51.0	28.5	65	16	5	13			
8/11/2005	81.8	65.5	66	23	5	38			
8/25/2005	80.0	73.9	66	25	6	47			

LITTLE CRANBERRY RUN

Little Cranberry Run at Eversole Rd (P05K74) - RM 0.83

6/16/2005	94.3	40.6	85	29	3	19			
6/30/2005	107	48.3	74	28	4	22			
7/14/2005	84.3	40.3	69	30	4	23			
7/28/2005	85.2	39.4	68	24	4	20			
8/11/2005	81.8	35.2	50	26	4	18			
8/25/2005	103	40.8	36	28	4	23			

CRANBERRY CREEK

Cranberry Ck at Rockport Rd (P05K75) - RM 19.94

6/16/2005	104	57.4	88	35	3	28			
6/30/2005	93.9	62.4	65	34	3	33			
7/14/2005	129	99.9	54	41	3	31			
7/28/2005	100	109	78	31	5	64			
8/11/2005	76.4	50.3	40	31	4	26			
8/25/2005	65.9	55.7	50	32	6	30			

Cranberry Ck at Pleasant TR 8-P (P05K76) - RM 12.87

6/16/2005	81.4	42.1	71	28	3	19			
6/30/2005	85.7	46.1	56	26	4	21			
7/14/2005	89.7	48.3	54	28	4	21			
7/28/2005	77.5	47.0	52	23	3	22			
8/11/2005	86.8	51.7	54	28	4	24			
8/25/2005	86.0	42.8	66	30	4	19			

Cranberry Ck at Pleasant TR M-10 (P05K77) - RM 7.76

6/16/2005	73.1	45.2	68	27	3	21			
6/30/2005	95.5	46.4	65	30	3	21			
7/14/2005	90.3	48.6	57	31	3	24			
7/28/2005	48.2	35.0	70	19	3	14			
8/11/2005	76.0	45.1	44	27	3	24			
8/25/2005	77.1	59.8	42	31	4	30			

Cranberry Ck at CR J (P05S07) - RM 1.64

6/1/2005	99.4	56.2	81	32	3	27			
6/16/2005	97.8	50.0	74	30	3	25			
6/21/2005	95.7	55.8	57	27	3	25			
6/30/2005	102	58.2	63	30	4	27			
7/5/2005	112	66.2	63	33	4	32			
7/14/2005	97.5	52.4	70	35	5	40			
7/20/2005	61.4	35.1	77	21	4	14			
7/28/2005	46.8	26.8	67	17	4	10			
8/3/2005	92.6	62.2	67	26	4	32			
8/11/2005	112	76.7	65	29	4	42			
8/15/2005	111	92.4	62	24	7	57			
8/25/2005	90.3	73.4	60	30	5	43			

MILLER CITY CUTOFF

Miller City Cutoff at SR 613 (P05K79) - RM 0.37

6/16/2005	89.7	36.4	97	28	3	21			
6/30/2005	91.9	60.5	98	29	4	35			
7/14/2005	96.3	129	96	30	7	102			
7/28/2005	42.7	19.2	56	13	4	8			
8/11/2005	61.8	54.7	64	16	6	32			
8/25/2005	108	97.3	90	25	6	62			

DATE FIELD COMME

PIKE RUN

Pike Run at Ottawa TR 11 (P05K10) - RM 0.72

6/16/2005
6/30/2005
7/14/2005
7/28/2005
8/11/2005
8/25/2005

LITTLE CRANBERRY RUN

Little Cranberry Run at Eversole Rd (P05K74) - RM 0.83

6/16/2005
6/30/2005
7/14/2005
7/28/2005 LOTS OF ALGAE MATS
8/11/2005 LOTS OF ALGAE MATS
8/25/2005 LOTS OF ALGAE MATS

CRANBERRY CREEK

Cranberry Ck at Rockport Rd (P05K75) - RM 19.94

6/16/2005
6/30/2005
7/14/2005
7/28/2005 LOTS OF ALGAE MATS
8/11/2005
8/25/2005

Cranberry Ck at Pleasant TR 8-P (P05K76) - RM 12.87

6/16/2005
6/30/2005
7/14/2005
7/28/2005
8/11/2005
8/25/2005

Cranberry Ck at Pleasant TR M-10 (P05K77) - RM 7.76

6/16/2005
6/30/2005
7/14/2005
7/28/2005
8/11/2005
8/25/2005

Cranberry Ck at CR J (P05S07) - RM 1.64

6/1/2005
6/16/2005
6/21/2005
6/30/2005
7/5/2005
7/14/2005
7/20/2005
7/28/2005
8/3/2005
8/11/2005
8/15/2005
8/25/2005

MILLER CITY CUTOFF

Miller City Cutoff at SR 613 (P05K79) - RM 0.37

6/16/2005 SEPTIC ODOR PRESENT
6/30/2005
7/14/2005
7/28/2005
8/11/2005
8/25/2005

DATE	Temp P10 C	D.O. P299 mg/L	D.O. P301 %	Sat. pH P400 S.U.	Field pH - Lab P403 S.U.	Flow P61 cfs	Gage P65 feet	Conduct. Field P94 umhos/cm	Conduct. @ 25C P95 umhos/cm	Secchi Depth meters	Acidity P70508 mg/L	Alkalinity P410 mg/L	E.coli P31648 #/100ml
<u>CATON DITCH</u>													
Caton Ditch at Putnam CR 13 (P05K80) - RM 4.11													
6/16/2005	18.1	7.6	80.7	7.81					848		<5.0		178
6/30/2005	24.2	4.0	47.0	7.44					1650		<5.0		191
7/28/2005	19.9	7.3	80.1	7.42					549		<5.0		128
8/11/2005	21.3	6.0	67.5	7.57					1020		<5.0		209
Caton Ditch at SR 108 (P05K81) - RM 3.02													
6/16/2005	18.3	6.0	63.5	7.72					742		<5.0		217
6/30/2005	24.7	4.3	52.2	7.77					767		<5.0		225
7/14/2005	24.0	5.0	59.3	7.86					891		<5.0		163
7/28/2005	20.4	7.1	78.6	7.33					441		<5.0		116
8/11/2005	22.3	4.6	53.1	7.41					644		<5.0		153
8/25/2005	17.8	5.9	62.0	7.54					736		<5.0		208
<u>BEAR CK</u>													
Bear Ck at Putnam CR K (P05K78) - RM 4.70													
6/16/2005	22.9	14.7	171.2	8.40					1190		<5.0		191
6/30/2005	27.2	13.2	166.2	8.16					2360		<5.0		198
7/14/2005	21.8	1.3	13.3	7.52					4320		<5.0 PT		313
7/28/2005	20.9	7.1	80.0	7.44					574		<5.0		125
8/11/2005	23.3	5.9	68.9	7.71					3510		<5.0		210
8/25/2005	19.3	7.8	84.7	7.77					3310		<5.0		199
Bear Ck at Greensburg TR I-14 (P05K11) - RM 0.32													
6/16/2005	21.4	12.4	140.8	8.19					1280		<5.0		198
6/30/2005	28.9	8.3	107.3	8.23					1280		<5.0		166
7/14/2005	23.4	2.8	33.6	8.10					1140		<5.0 PT		262
7/28/2005	21.1	7.1	80.3	7.51					596		<5.0		109
8/11/2005	23.8	8.0	95.2	8.06					770		<5.0		177
8/25/2005	18.4	6.1	65.3	7.98					979		<5.0		189
<u>DEER CK</u>													
Deer Ck Dst SR 115 (P05K12) - RM 1.57													
6/16/2005	22.6	6.3	72.7	7.74					1730		<5.0		206
6/30/2005	25.0	0.7	8.7	7.27					3430		<5.0		496
7/14/2005	21.5	2.4	27.2	7.32					3140		<5.0 PT		235
7/28/2005	21.4	6.5	73.5	7.36					666		<5.0		99.3
8/11/2005	23.4	2.1	24.9	7.55					3060		<5.0		467
8/25/2005	20.2	7.8	86.7	7.65					2880		<5.0		239

DATE	Total Hardness		Aluminum P1105 ug/L	Arsenic P1002 ug/L	Barium P1007 ug/L	Cadmium P1027 ug/L	Chromium P1034 ug/L	Copper P1042 ug/L	Iron P1045 ug/L	Lead P1051 ug/L	Manga- nese P1055 ug/L	Mercury P71900 ug/L	Nickel P1067 ug/L	Selenium P1147 ug/L	Strontium P1082 ug/L
	P900 mg/L	P1105 ug/L													
<u>CATON DITCH</u>															
Caton Ditch at Putnam CR 13 (P05K80) - RM 4.11															
6/16/2005	338	3820	5.4	77	<0.20	<30	<10	6330	2.6	224	<0.20	<40	<2.0	707	
6/30/2005	493	15300	16.9	249	0.31	<30	19	26700	12.5	1480	<0.20	42	<2.0	1170	
7/28/2005	247	2460	2.6	60	<0.20	<30	<10	2920	<2.0	49	<0.20	<40	<2.0	273	
8/11/2005	338	3870	7.3	100	<0.20	<30	<10	5880	2.6	296	<0.20	<40	<2.0	1100	
Caton Ditch at SR 108 (P05K81) - RM 3.02															
6/16/2005	342	2000	4.5	60	<0.20	<30	<10	2920	<2.0	94	<0.20	<40	<2.0	533	
6/30/2005	333	1370	9.2	58	<0.20	<30	<10	1990	<2.0	714	<0.20	<40	<2.0	513	
7/14/2005	294	921	8.1	56	<0.20	<30	<10	1430	<2.0	396	<0.20	<40	<2.0	646	
7/28/2005	205	3130	2.8	57	<0.20	<30	<10	4130	2.2	59	<0.20	<40	<2.0	222	
8/11/2005	225	2340	4.6	63	<0.20	<30	<10	3440	2.4	153	<0.20	<40	<2.0	459	
8/25/2005	304	442	5.0	55	<0.20	<30	<10	638	<2.0	166	<0.20	<40	<2.0	602	
<u>BEAR CK</u>															
Bear Ck at Putnam CR K (P05K78) - RM 4.70															
6/16/2005	409	290	3.8	53	<0.20	<30	<10	499	<2.0	79	<0.20	<40	<2.0	1310	
6/30/2005	568	254	7.5	74	<0.20	<30	<10	782	<2.0	2100	<0.20	<40	<2.0	1940	
7/14/2005	462	1160	7.7	93	<0.20	<30	14	2200	<2.0	1880	<0.20	<40	<2.0	7370	
7/28/2005	255	2640	2.7	60	<0.20	<30	<10	3690	2.4	83	<0.20	<40	<2.0	402	
8/11/2005	704	1600	9.3	158	<0.20	<30	<10	2820	<2.0	1700	<0.20	<40	<2.0	4140	
8/25/2005	636	2450	6.5	240	<0.20	<30	<10	4020	2.2	2250	<0.20	<40	<2.0	4990	
Bear Ck at Greensburg TR I-14 (P05K11) - RM 0.32															
6/16/2005	421	<200	3.9	49	<0.20	<30	<10	307	<2.0	24	<0.20	<40	<2.0	1360	
6/30/2005	366	580	14.2	45	<0.20	<30	<10	1050	<2.0	787	<0.20	<40	<2.0	1020	
7/14/2005	316	1600	41.0	132	<0.20	<30	<10	3210	2.4	2500	<0.20	<40	<2.0	840	
7/28/2005	262	4890	4.0	78	<0.20	<30	<10	6960	4.8	163	<0.20	<40	<2.0	756	
8/11/2005	284	3210	5.3	79	<0.20	<30	<10	4800	4.4	559	<0.20	<40	<2.0	793	
8/25/2005	329	832	4.0	69	<0.20	<30	<10	1180	<2.0	232	<0.20	<40	<2.0	1080	
<u>DEER CK</u>															
Deer Ck Dst SR 115 (P05K12) - RM 1.57															
6/16/2005	500	2270	5.4	82	<0.20	<30	<10	3640	<2.0	604	<0.20	<40	<2.0	3660	
6/30/2005	738	324	6.6	27	<0.20	<30	11	1240	<2.0	1330	<0.20	<40	<2.0	9380	
7/14/2005	840	283	3.7	27	<0.20	<30	<10	644	<2.0	284	<0.20	<40	<2.0	11100	
7/28/2005	280	5490	3.7	82	<0.20	<30	<10	7360	4.0	159	<0.20	<40	<2.0	643	
8/11/2005	731	<200	3.2	26	<0.20	<30	<10	699	<2.0	964	<0.20	<40	<2.0	8790	
8/25/2005	769	700	3.3	35	<0.20	<30	<10	1060	<2.0	137	<0.20	<40	<2.0	10900	

DATE	BOD5 P310 mg/L	CBOD5 P80082 mg/L	CBOD20 P80087 mg/L	TOC P680 mg/L	COD P340 mg/L	Nitrate + nitrite P630 mg/L	Nitrite P615 mg/L	Ammonia P610 mg/L	TKN P625 mg/L	Total Phosphorus P665 mg/L	Total Diss Phos P666 mg/L	Total Diss Solids P70300 mg/L	Total Susp Solids P530 mg/L
<u>CATON DITCH</u>													
Caton Ditch at Putnam CR 13 (P05K80) - RM 4.11													
6/16/2005	2.1				14	0.32	0.047	0.232	1.20	0.141		528	185
6/30/2005	11				44	<0.10	<0.020	0.493	2.28	0.480		972	785
7/28/2005	3.2				27	19.7	0.303	0.318	1.60	0.248		394	42
8/11/2005	5.5				28	0.70 J	0.118	0.505	1.80	0.215 J		646	144
Caton Ditch at SR 108 (P05K81) - RM 3.02													
6/16/2005	<2.0				<10	1.40	0.051	0.083	0.67	0.148		452	73
6/30/2005	8.7				29	<0.10	<0.020	<0.050	0.88	0.224		480	45
7/14/2005	4.2				31	0.11	0.025	0.081	0.51	0.168		522	46
7/28/2005	3.2				27	11.8	0.144	0.208	1.46	0.193		340	61
8/11/2005	3.2				31	1.43 J	0.065	0.193	1.10	0.215 J		412	54
8/25/2005	<2.0				28	<0.10	<0.020	0.106	0.84	0.042		458	13
<u>BEAR CK</u>													
Bear Ck at Putnam CR K (P05K78) - RM 4.70													
6/16/2005	<2.0				17	0.40	0.099	0.059	1.50	0.062		726	34
6/30/2005	3.7				47	0.24	0.041	0.994	3.01	0.249		1470	16
7/14/2005	20				43	0.36	0.067	17.6	103	3.73		2420	63
7/28/2005	2.4				21	16.3	0.246	0.254	1.38	0.195		382	31
8/11/2005	7.1				39	<0.10 UJ	0.041	3.32	5.48	0.300 J		2190	85
8/25/2005	7.0				42	0.24	0.074	1.57	3.97	0.273		2110	76
Bear Ck at Greensburg TR I-14 (P05K11) - RM 0.32													
6/16/2005	<2.0				20	0.19	<0.020	<0.050	1.34	0.024		790	7
6/30/2005	4.4				50	<0.10	<0.020	<0.050	1.94	0.144		784	32
7/14/2005	40				76	<0.10	<0.020	0.093	3.02	0.785		682	140
7/28/2005	4.7				21	17.5	0.258	0.336	1.55	0.307		424	205
8/11/2005	15				37	<0.10 UJ	<0.020	0.109	1.29	0.221 J		484	168
8/25/2005	9.0				33	<0.10	<0.020	0.093	1.59	0.089		618	33
<u>DEER CK</u>													
Deer Ck Dst SR 115 (P05K12) - RM 1.57													
6/16/2005	11				34	0.60	0.176	3.15	4.34	0.685		1080	76
6/30/2005	51				107	1.28	0.220	26.8	36.7	6.21		2100	41
7/14/2005	5.9				29	5.59	0.810	1.99	3.93	2.40		2120	15
7/28/2005	4.8				64	26.5	0.487	0.286	1.03	0.256		492	75
8/11/2005	52				118	0.33 J	<0.020	21.0	26.7	6.57 J		1900	40
8/25/2005	<2.0				14	7.31	0.055	0.285	1.48	1.79		2050	28

DATE	Sulfate P945 mg/L	Chloride P940 mg/L	Calcium P916 mg/L	Magnesium P927 mg/L	Potassium P937 mg/L	Sodium P929 mg/L	Total Volatile Solids P505 mg/L	Fluoride P951 mg/L	Hexavalent Chromium P1220 ug/L	Oil & Grease P556 mg/L
------	-------------------------	--------------------------	-------------------------	---------------------------	---------------------------	------------------------	---	--------------------------	---	---------------------------------

CATON DITCH

Caton Ditch at Putnam CR 13 (P05K80) - RM 4.11

6/16/2005	111	89.5	81	33	5	58			
6/30/2005	173	337	110	53	15	184			
7/28/2005	53.7	31.7	71	17	7	15			
8/11/2005	162	117	86	30	9	83			

Caton Ditch at SR 108 (P05K81) - RM 3.02

6/16/2005	90.0	49.6	91	28	3	29			
6/30/2005	91.6	59.5	89	27	4	33			
7/14/2005	102	43.0	75	26	5	85			
7/28/2005	45.3	23.9	59	14	5	10			
8/11/2005	75.2	73.7	62	17	7	46			
8/25/2005	83.1	72.9	84	23	5	48			

BEAR CK

Bear Ck at Putnam CR K (P05K78) - RM 4.70

6/16/2005	197	135	88	46	4	100			
6/30/2005	357	478	112	70	6	269			
7/14/2005	348	985	101	51	9	755			
7/28/2005	70.5	40.1	74	17	5	20			
8/11/2005	522	740	135	89	10	505			
8/25/2005	445	764	126	78	93	510			

Bear Ck at Greensburg TR I-14 (P05K11) - RM 0.32

6/16/2005	198	156	91	47	6	110			
6/30/2005	162	233	69	47	7	131			
7/14/2005	26.7	226	54	44	15	115			
7/28/2005	95.9	39.9	72	20	7	22			
8/11/2005	123	75.9	66	29	8	49			
8/25/2005	136	129	79	32	8	88			

DEER CK

Deer Ck Dst SR 115 (P05K12) - RM 1.57

6/16/2005	328	251	108	56	9	177			
6/30/2005	602	512	147	90	16	452			
7/14/2005	803	472	175	98	15	434			
7/28/2005	92.0	49.5	76	22	7	27			
8/11/2005	604	457	151	86	21	335			
8/25/2005	752	437	158	91	15	436			

DATE FIELD COMME

CATON DITCH

Caton Ditch at Putnam CR 13 (P05K80) - RM 4.11

6/16/2005
6/30/2005
7/28/2005
8/11/2005

Caton Ditch at SR 108 (P05K81) - RM 3.02

6/16/2005
6/30/2005 INTERMITTENT FLOW
7/14/2005
7/28/2005
8/11/2005
8/25/2005

BEAR CK

Bear Ck at Putnam CR K (P05K78) - RM 4.70

6/16/2005
6/30/2005
7/14/2005
7/28/2005
8/11/2005 SEPTIC ODOR PRESENT
8/25/2005 DITCH DRY UST

Bear Ck at Greensburg TR I-14 (P05K11) - RM 0.32

6/16/2005
6/30/2005
7/14/2005 INTERMITTENT FLOW
7/28/2005
8/11/2005 INTERMITTENT FLOW
8/25/2005 INTERMITTENT FLOW

DEER CK

Deer Ck Dst SR 115 (P05K12) - RM 1.57

6/16/2005 SLUDGE ACCUMULATED BELOW PACKAGE PLANT
6/30/2005 STREAM SEPTIC
7/14/2005
7/28/2005
8/11/2005 SEPTIC ODOR, FLY INFESTATION
8/25/2005 SEPTIC ODOR

HUC 04100008 001 - BLANCHARD RIVER (Mainstem: downstream Dukes Run to mouth)

DATE	Temp P10 C	D.O. P299 mg/L	D.O. P301 %	Sat. pH P400 S.U.	Field pH - Lab P403 S.U.	Flow P61 cfs	Gage P65 feet	Conduct. Field P94 umhos/cm	Conduct. @ 25C P95 umhos/cm	Secchi Depth meters	Acidity P70508 mg/L	Alkalinity P410 mg/L	E.coli P31648 #/100ml
BLANCHARD RIVER													
Blanchard R at CR 5-F (GILBOA) (P05S03) - RM 35.24													
6/13/2005	23.1	5.0		58.0	7.58				787		<5.0	191	
6/27/2005	26.4	7.6		93.9	8.37				828		<5.0	192	
7/6/2005													
7/11/2005	23.1	5.6		65.2	7.78				777		<5.0	165	
7/19/2005													
7/25/2005	26.9	5.7		70.9	7.76				606		<5.0	158	
8/8/2005	24.2	5.8		69.4	7.86				790		<5.0	194	
8/22/2005	22.0	6.1		70.1	7.88				800		<5.0	185	
Blanchard R at CR 8 (500100) - RM 28.88													
6/13/2005	23.5	5.6		66.2	7.72				782		<5.0	188	
6/27/2005	27.1	4.4		55.4	7.72				804		5.0	149	
7/6/2005													
7/11/2005	24.1	6.2		73.5	7.98				783		<5.0	173	
7/19/2005													
7/25/2005	27.4	5.9		74.4	7.89				612		<5.0	159	
8/8/2005	25.3	6.1		74.2	7.99				780		<5.0	192	
8/22/2005	22.3	6.9		79.5	8.09				752		<5.0	183	
Blanchard R at US 224 (P05K17) - RM 24.20													
6/13/2005	24.0	5.4		64.4	7.67				755		<5.0	183	
6/27/2005	28.0	4.6		58.5	7.84				785		<5.0	154	
7/7/2005													
7/11/2005	25.3	6.9		84.6	8.21				779		<5.0	175	
7/19/2005													
7/25/2005	27.8	5.7		72.3	7.84				611		<5.0	157	
8/8/2005	26.0	6.6		81.2	8.02				769		<5.0	194	
8/22/2005	23.8	6.8		80.0	8.18				729		<5.0	185	
Ottawa WWTP 001 Outfall to Blanchard R (P05E01) - RM 22.15													
6/13/2005	21.9	7.0		80.0	7.38				1920		<5.0	181	
6/27/2005	24.4	6.6		79.1	7.51				1800		<5.0	180	
7/11/2005	23.7	6.7		79.0	7.37				1760		<5.0	160	
7/25/2005	25.8	6.5		79.9	7.34				1300		<5.0	131	
8/8/2005	25.2	6.4		77.4	7.41				1630		<5.0	165	
8/22/2005	24.2	7.0		83.6	7.46				1530		<5.0	144	
Blanchard R at Ottawa TR I-9 (Dst Ottawa WWTP) P05S02) - RM 21.02													
6/13/2005	24.0	5.4		64.1	7.70				742		<5.0	172	
6/27/2005	27.2	4.2		53.2	7.80				808		<5.0	166	
7/7/2005													
7/11/2005	24.9	6.2		74.2	7.68				772		<5.0	176	
7/19/2005													
7/25/2005	27.8	5.8		73.3	7.84				603		<5.0	154	
8/8/2005	25.5	6.3		76.6	8.00				772		<5.0	194	
8/22/2005	23.3	6.5		76.1	8.10				726		<5.0	182	
Blanchard R at Putnam CR 15 (P05S01) - RM 13.37													
6/13/2005	24.2	5.4		64.9	7.67				699		<5.0	163	
6/27/2005	27.4	6.6		83.2	8.06				828		<5.0	182	
7/6/2005													
7/11/2005	24.8	5.6		67.3	7.57				735		<5.0	180	
7/19/2005													
7/25/2005	28.0	5.8		73.4	7.80				573		<5.0	152	
8/8/2005	25.6	6.4		77.4	7.95				757		<5.0	194	
8/22/2005	23.1	8.1		94.8	8.30				739		<5.0	183	

DATE	Total Hardness P900 mg/L	Aluminum P1105 ug/L	Arsenic P1002 ug/L	Barium P1007 ug/L	Cadmium P1027 ug/L	Chromium P1034 ug/L	Copper P1042 ug/L	Iron P1045 ug/L	Lead P1051 ug/L	Manga- nese P1055 ug/L	Mercury P71900 ug/L	Nickel P1067 ug/L	Selenium P1147 ug/L	Strontium P1082 ug/L
BLANCHARD RIVER														
Blanchard R at CR 5-F (GILBOA) (P05S03) - RM 35.24														
6/13/2005	335	598	<2.0	67	<0.20	<30	<10	1050	<2.0	54	<0.20	<40	<2.0	4390
6/27/2005	346	269	2.7	71	<0.20	<30	<10	623	<2.0	93	<0.20	<40	<2.0	6200
7/6/2005														
7/11/2005	309	806	2.1	67	<0.20	<30	<10	1240	<2.0	56	<0.20	<40	<2.0	4940
7/19/2005														
7/25/2005	260	458	<2.0	58	<0.20	<30	<10	924	<2.0	40	<0.20	<40	<2.0	3030
8/8/2005	302	538	2.6	64	<0.20	<30	<10	1080	<2.0	52	<0.20	<40	<2.0	4510
8/22/2005	318	821	3.3	70	<0.20	<30	<10	1160	2.2	60	<0.20	<40	<2.0	5740
Blanchard R at CR 8 (500100) - RM 28.88														
6/13/2005	336	573	2.4	63	<0.20	<30	<10	1040	<2.0	52	<0.20	<40	<2.0	3620
6/27/2005	313	<200	3.0	61	<0.20	<30	<10	370	<2.0	144	<0.20	<40	<2.0	4180
7/6/2005														
7/11/2005	323	591	<2.0	66	<0.20	<30	<10	955	<2.0	58	<0.20	<40	<2.0	4890
7/19/2005														
7/25/2005	265	535	2.0	58	<0.20	<30	<10	1040	<2.0	46	<0.20	<40	<2.0	2920
8/8/2005	305	526	2.6	65	<0.20	<30	<10	1080	<2.0	59	<0.20	<40	<2.0	4030
8/22/2005	311	1010	3.2	68	<0.20	<30	<10	1440	2.4	80	<0.20	<40	<2.0	5280
Blanchard R at US 224 (P05K17) - RM 24.20														
6/13/2005	323	586	2.1	62	<0.20	<30	<10	1110	<2.0	54	<0.20	<40	<2.0	3270
6/27/2005	308	<200	4.0	64	0.21	<30	<10	556	<2.0	140	<0.20	<40	<2.0	4270
7/7/2005														
7/11/2005	344	836	2.2	70	<0.20	<30	<10	1360	<2.0	65	<0.20	<40	<2.0	5260
7/19/2005														
7/25/2005	265	662	2.4	59	<0.20	<30	<10	1280	<2.0	55	<0.20	<40	<2.0	2760
8/8/2005	305	718	3.2	67	<0.20	<30	<10	1410	<2.0	71	<0.20	<40	<2.0	4020
8/22/2005	302	1210	4.2	68	<0.20	<30	<10	1750	2.9	102	<0.20	<40	<2.0	4850
Ottawa WWTP 001 Outfall to Blanchard R (P05E01) - RM 22.15														
6/13/2005	303	<200	<2.0	<15	<0.20	<30	<10	92	<2.0	63	<0.20	<40	<2.0	1670
6/27/2005	289	<200	2.0	<15	<0.20	<30	<10	59	<2.0	66	<0.20	<40	<2.0	1700
7/11/2005	278	<200	<2.0	<15	<0.20	<30	<10	56	<2.0	40	<0.20	<40	<2.0	1790
7/25/2005	283	<200	<2.0	<15	<0.20	<30	<10	<50	<2.0	10	<0.20	<40	<2.0	1600
8/8/2005	266	<200	<2.0	<15	0.20	<30	<10	72	<2.0	<10	<0.20	<40	<2.0	1630
8/22/2005	280	<200	<2.0	<15	0.24	<30	<10	<50	<2.0	<10	<0.20	<40	<2.0	1960
Blanchard R at Ottawa TR I-9 (Dst Ottawa WWTP) P05S02) - RM 21.02														
6/13/2005	319	740	2.4	63	<0.20	<30	<10	1390	<2.0	61	<0.20	<40	<2.0	3120
6/27/2005	327	463	4.6	70	<0.20	<30	<10	1020	<2.0	140	<0.20	<40	<2.0	4300
7/7/2005														
7/11/2005	332	1290	2.4	71	<0.20	<30	<10	2110	2.5	86	<0.20	<40	<2.0	4810
7/19/2005														
7/25/2005	254	857	<2.0	58	<0.20	<30	<10	1590	<2.0	60	<0.20	<40	<2.0	2560
8/8/2005	298	857	3.4	66	<0.20	<30	<10	1680	2.2	76	<0.20	<40	<2.0	3690
8/22/2005	295	1450	2.8	69	<0.20	<30	<10	2160	3.1	127	<0.20	<40	<2.0	4490
Blanchard R at Putnam CR 15 (P05S01) - RM 13.37														
6/13/2005	312	739	2.9	63	<0.20	<30	<10	1340	<2.0	59	<0.20	<40	<2.0	2810
6/27/2005	337	746	<2.0	75	<0.20	<30	<10	1440	<2.0	187	<0.20	<40	<2.0	4020
7/6/2005														
7/11/2005	319	1230	2.1	71	<0.20	<30	<10	1930	2.0	76	<0.20	<40	<2.0	4220
7/19/2005														
7/25/2005	249	953	<2.0	58	<0.20	<30	<10	1730	2.0	70	<0.20	<40	<2.0	2400
8/8/2005	303	956	3.1	68	<0.20	<30	<10	1780	<2.0	75	<0.20	<40	<2.0	3560
8/22/2005	292	1840	3.5	72	<0.20	<30	<10	2680	3.3	153	<0.20	<40	<2.0	4220

DATE	BOD5 P310 mg/L	CBOD5 P80082 mg/L	CBOD20 P80087 mg/L	TOC P680 mg/L	COD P340 mg/L	Nitrate + nitrite P630 mg/L	Nitrite P615 mg/L	Ammonia P610 mg/L	TKN P625 mg/L	Total Phosphorus P665 mg/L	Total Diss Phos P666 mg/L	Total Diss Solids P70300 mg/L	Total Susp Solids P530 mg/L
BLANCHARD RIVER													
Blanchard R at CR 5-F (GILBOA) (P05S03) - RM 35.24													
6/13/2005	2.2				12	4.00	0.067	0.201	1.58	0.175		480	32
6/27/2005	12				22	1.46	<0.020	<0.050	0.71	0.125		576	21
7/6/2005													
7/11/2005	<2.0				16	3.56	<0.020	0.070	0.51	0.052		488	26
7/19/2005													
7/25/2005	<2.0				18	9.18	0.023	0.052	0.68	0.144		390	27
8/8/2005	<2.0				16	4.04	<0.020	0.064	0.74	0.195		504	36
8/22/2005	<2.0				10	2.97	<0.020	0.092	0.48	0.293		498	35
Blanchard R at CR 8 (500100) - RM 28.88													
6/13/2005	<2.0		4.8		14	3.42	0.049	0.085	0.83	0.235	0.201	460	28
6/27/2005	5.0				27	8.34	<0.020	<0.050	0.96	0.138	0.102	576	6
7/6/2005													
7/11/2005	2.0		5.3		13	2.33	<0.020	<0.050	0.41	0.371	0.108	486	21
7/19/2005													
7/25/2005	<2.0		5.7		18	7.22	0.020	0.093	1.02	0.187	0.126	384	26
8/8/2005	<2.0				16	3.45	<0.020	0.060	0.66	0.174	0.131	488	32
8/22/2005	<2.0				10	1.65	<0.020	0.091	0.56	0.181	0.161	458	42
Blanchard R at US 224 (P05K17) - RM 24.20													
6/13/2005	<2.0				12	4.24	0.048	0.063	0.99	0.171		450	34
6/27/2005	4.2				25	0.22	<0.020	0.069	0.64	0.235		568	13
7/7/2005													
7/11/2005	2.8				16	2.46	<0.020	0.075	0.55	0.116		498	32
7/19/2005													
7/25/2005	<2.0				16	7.93 J	<0.020	0.051	0.73	0.138		392	34
8/8/2005	<2.0				13	3.35	<0.020	0.060	0.75	0.163		490	39
8/22/2005	2.5				10	0.83	<0.020	0.087	0.51	0.172		454	54
Ottawa WWTP 001 Outfall to Blanchard R (P05E01) - RM 22.15													
6/13/2005	2.6	<2.0			42	2.90	2.09	1.04	3.15	0.215		1090	<5
6/27/2005	2.7				36	0.31	0.212	3.50	4.14	0.172		1080	<5
7/11/2005	2.0	<2.0			27	2.30	0.047	0.174	2.06	0.152		1040	5
7/25/2005	<2.0	<2.0			18	6.71	0.036	0.148	1.49	0.066		794	<5
8/8/2005	<2.0	<2.0			22	6.03	0.023	0.127	2.04	0.081		970	<5
8/22/2005	<2.0	<2.0			16	8.65	<0.020	0.131	1.79	0.129		896	<5
Blanchard R at Ottawa TR I-9 (Dst Ottawa WWTP) P05S02) - RM 21.02													
6/13/2005	<2.0				14	4.79	0.073	0.080	0.96	0.223		438	36
6/27/2005	3.8				25	3.71	<0.020	0.144	0.77	0.192		576	26
7/7/2005													
7/11/2005	2.6				10	2.45	<0.020	0.055	0.49	0.135		490	72
7/19/2005													
7/25/2005	<2.0				13	7.64	<0.020	0.053	0.61	0.146		386	47
8/8/2005	<2.0				13	3.25 J	<0.020	0.060	0.82	0.172		488	56
8/22/2005	3.2				10	0.69	<0.020	0.086	0.51	0.170		444	69
Blanchard R at Putnam CR 15 (P05S01) - RM 13.37													
6/13/2005	<2.0				14	7.21	0.114	0.122	0.75	0.202		414	26
6/27/2005	13				25	0.28	<0.020	0.061	0.74	0.178		586	57
7/6/2005													
7/11/2005	2.2				16	3.45	<0.020	0.073	0.49	0.136		462	51
7/19/2005													
7/25/2005	<2.0				93	7.92	<0.020	0.130	0.60	0.096 J		364	41
8/8/2005	<2.0				13	3.20	<0.020	0.059	0.64	0.148		482	58
8/22/2005	7.9				13	0.65	<0.020	0.078	0.48	0.217		456	81

DATE	Sulfate P945 mg/L	Chloride P940 mg/L	Calcium P916 mg/L	Magnesium P927 mg/L	Potassium P937 mg/L	Sodium P929 mg/L	Total Volatile Solids P505 mg/L	Fluoride P951 mg/L	Hexavalent Chromium P1220 ug/L	Oil & Grease P556 mg/L
BLANCHARD RIVER										
Blanchard R at CR 5-F (GILBOA) (P05S03) - RM 35.24										
6/13/2005	121	59.6	83	31	4	33				
6/27/2005	147	71.5	84	33	6	46				
7/6/2005										
7/11/2005	137	63.7	76	29	5	41				
7/19/2005										
7/25/2005	83.5	41.3	68	22	5	21				
8/8/2005	126	64.8	75	28	6	39				
8/22/2005	132	65.2	78	30	6	44				
Blanchard R at CR 8 (500100) - RM 28.88										
6/13/2005	118	62.0	82	32	4	35				
6/27/2005	163	77.3	66	36	5	46				
7/6/2005										
7/11/2005	137	61.9	80	30	5	37				
7/19/2005										
7/25/2005	82.2	47.4	70	22	5	25				
8/8/2005	124	63.6	76	28	6	38				
8/22/2005	124	61.1	75	30	6	41				
Blanchard R at US 224 (P05K17) - RM 24.20										
6/13/2005	114	58.3	80	30	4	31				
6/27/2005	154	71.3	69	33	5	42				
7/7/2005										
7/11/2005	140	60.4	85	32	5	37				
7/19/2005										
7/25/2005	82.8	46.8	70	22	5	25				
8/8/2005	119	62.2	76	28	6	37				
8/22/2005	121	56.6	73	29	6	36				
Ottawa WWTP 001 Outfall to Blanchard R (P05E01) - RM 22.15										
6/13/2005	246	358	80	25	67	283			<2.0	
6/27/2005	246	353	78	23	70	236			<2.0	
7/11/2005	240	335	75	22	63	225			<2.0	
7/25/2005	204	199	77	22	42	147			<2.0	
8/8/2005	208	309	75	19	56	189			<2.0	
8/22/2005	194	255	81	19	50	187			<2.0	
Blanchard R at Ottawa TR I-9 (Dst Ottawa WWTP) P05S02) - RM 21.02										
6/13/2005	108	60.8	80	29	5	32				
6/27/2005	151	75.6	75	34	6	47				
7/7/2005										
7/11/2005	135	59.6	82	31	6	33				
7/19/2005										
7/25/2005	83.8	44.2	67	21	5	25				
8/8/2005	121	64.3	75	27	6	37				
8/22/2005	114	58.7	72	28	7	39				
Blanchard R at Putnam CR 15 (P05S01) - RM 13.37										
6/13/2005	95.3	52.6	79	28	5	28				
6/27/2005	144	76.5	79	34	6	47				
7/6/2005										
7/11/2005	116	55.9	80	29	6	31				
7/19/2005										
7/25/2005	75.6	41.0	65	21	5	23				
8/8/2005	116	61.8	77	27	6	36				
8/22/2005	113	62.7	71	28	7	43				

DATE FIELD

BLANCHARD RIVER

Blanchard R at CR 5-F (GILBOA) (P05S03) - RM 35.24

6/13/2005
6/27/2005
7/6/2005 Bacteria run
7/11/2005
7/19/2005 Bacteria run
7/25/2005
8/8/2005
8/22/2005

Blanchard R at CR 8 (500100) - RM 28.88

6/13/2005
6/27/2005
7/6/2005 Bacteria run
7/11/2005
7/19/2005 Bacteria run
7/25/2005
8/8/2005
8/22/2005

Blanchard R at US 224 (P05K17) - RM 24.20

6/13/2005
6/27/2005
7/7/2005 Bacteria run
7/11/2005
7/19/2005 Bacteria run
7/25/2005
8/8/2005
8/22/2005

Ottawa WWTP 001 Outfall to Blanchard R (P05E01) - RM 22.15

6/13/2005
6/27/2005
7/11/2005
7/25/2005
8/8/2005
8/22/2005

Blanchard R at Ottawa TR I-9 (Dst Ottawa WWTP) P05S02) - RM 21.02

6/13/2005
6/27/2005
7/7/2005 Bacteria run
7/11/2005
7/19/2005 Bacteria run
7/25/2005
8/8/2005
8/22/2005

Blanchard R at Putnam CR 15 (P05S01) - RM 13.37

6/13/2005
6/27/2005
7/6/2005 Bacteria run
7/11/2005
7/19/2005 Bacteria run
7/25/2005
8/8/2005
8/22/2005

DATE	Temp P10 C	D.O. P299 mg/L	D.O. P301 %	Sat. pH P400 S.U.	Field pH - Lab P403 S.U.	Flow P61 cfs	Gage P65 feet	Conduct. Field P94 umhos/cm	Conduct. @ 25C P95 umhos/cm	Secchi Depth meters	Acidity P70508 mg/L	Alkalinity P410 mg/L	E.coli P31648 #/100ml
Blanchard R at SR 115 (CUBA) (200149) - RM 9.05													
6/13/2005	24.8	5.7	68.7	7.70					661		<5.0	158	
6/21/2005	23.4	8.4	97.3	8.24					845		<5.0	205	
6/27/2005	27.0	6.3	78.4	8.07					821		<5.0	178	
7/5/2005	24.5	5.4	65.3	7.62					584		5.0	138	
7/6/2005													
7/11/2005	24.7	5.6	66.4	7.54					726		<5.0	181	
7/19/2005													
7/20/2005													
7/25/2005	28.0	5.8	73.5	7.82					555		<5.0	151	
8/3/2005													
8/8/2005	25.2	6.6	79.3	7.94					758		<5.0	196	
8/15/2005	23.2	5.4	63.3	7.62					659		<5.0	151	
8/22/2005	22.4	6.2	72.1	7.90					772		<5.0	193	
Blanchard R at CR 21-H (500090) - RM 2.58													
6/1/2005	19.6	8.5	92.5	8.14		31.15			803		<5.0	209	
6/13/2005	25.0	5.5	66.6	7.65					611		<5.0	143	
6/27/2005	28.5	6.7	86.0	8.24					833		<5.0	191	
7/6/2005													
7/11/2005	25.0	5.9	71.2	7.82					693		<5.0	175	
7/19/2005													
7/25/2005	28.3	5.8	74.6	7.79					540		<5.0	146	
8/8/2005	25.3	6.9	83.9	8.01					731		<5.0	194	
8/22/2005	23.4	6.6	77.1	7.93					825		<5.0	199	

DATE	Total Hardness		Aluminum P1105 ug/L	Arsenic P1002 ug/L	Barium P1007 ug/L	Cadmium P1027 ug/L	Chromium P1034 ug/L	Copper P1042 ug/L	Iron P1045 ug/L	Lead P1051 ug/L	Manga-	Mercury P71900 ug/L	Nickel P1067 ug/L	Selenium P1147 ug/L	Strontium P1082 ug/L
	P900 mg/L	P1055 ug/L									nese				
											P1055 ug/L				
Blanchard R at SR 115 (CUBA) (200149) - RM 9.05															
6/13/2005	285	861	2.1	60	<0.20	<30	<10	1590	<2.0	62	<0.20	<40	<2.0	2550	
6/21/2005	367	833	2.5	71	<0.20	<30	<10	1400	<2.0	84	<0.20	<40	<2.0	3870	
6/27/2005	338	1140	4.3	77	0.31	<30	<10	1980	<2.0	212	<0.20	<40	<2.0	3870	
7/5/2005	237	887	2.5	59	<0.20	<30	11	1820	<2.0	75	<0.20	<40	<2.0	3110	
7/6/2005															
7/11/2005	322	2120	2.7	78	<0.20	<30	<10	3350	2.6	107	<0.20	<40	<2.0	3970	
7/19/2005															
7/20/2005	240	1270	2.3	57	<0.20	<30	<10	2070	2.0	68		<40	<2.0	2240	
7/25/2005	251	1230	<2.0	59	<0.20	<30	<10	2070	2.4	73	<0.20	<40	<2.0	2370	
8/3/2005	299	1450	3.3	69	<0.20	<30	<10	2260	2.5	78		<40	<2.0	2910	
8/8/2005	298	1270	2.7	70	<0.20	<30	<10	2210	2.0	82	<0.20	<40	<2.0	3410	
8/15/2005	252	2200	3.2	72	<0.20	<30	<10	3420	3.1	112		<40	<2.0	3140	
8/22/2005	307	2380	3.7	83	<0.20	<30	<10	3400	3.6	132	<0.20	<40	<2.0	4390	
Blanchard R at CR 21-H (500090) - RM 2.58															
6/1/2005	366	353	<2.0	67	<0.20	<30	<10	658	<2.0	50	<0.20	<40	<2.0	3760	
6/13/2005	264	730	2.2	56	<0.20	<30	<10	1340	<2.0	51	<0.20	<40	<2.0	2420	
6/27/2005	348	882	4.1	74	<0.20	<30	<10	1580	<2.0	192	<0.20	<40	<2.0	3900	
7/6/2005															
7/11/2005	302	1370	<2.0	70	<0.20	<30	<10	2000	<2.0	73	<0.20	<40	<2.0	3790	
7/19/2005															
7/25/2005	245	872	2.6	56	<0.20	<30	<10	1600	<2.0	58	<0.20	<40	<2.0	2300	
8/8/2005	288	857	2.3	65	<0.20	<30	<10	1580	<2.0	59	<0.20	<40	<2.0	3200	
8/22/2005	334	1830	3.5	85	<0.20	<30	<10	2480	2.5	90	<0.20	<40	<2.0	4770	

DATE	BOD5 P310 mg/L	CBOD5 P80082 mg/L	CBOD20 P80087 mg/L	TOC P680 mg/L	COD P340 mg/L	Nitrate + nitrite P630 mg/L	Nitrite P615 mg/L	Ammonia P610 mg/L	TKN P625 mg/L	Total Phosphorus P665 mg/L	Total Diss Phos P666 mg/L	Total Diss Solids P70300 mg/L	Total Susp Solids P530 mg/L
Blanchard R at SR 115 (CUBA) (200149) - RM 9.05													
6/13/2005	<2.0				12	7.90	0.129	0.079	0.74	0.201	0.160	386	45
6/21/2005	3.6				<10	1.14	<0.020	0.051	0.65	0.139	0.107	524	36
6/27/2005	8.4				25	2.62	<0.020	<0.050	0.60	0.187	0.121	568	80
7/5/2005	2.5				27	6.92	0.073	0.091	0.85	0.105	0.081	354	18
7/6/2005													
7/11/2005	2.1				13	3.68	<0.020	0.060	0.57	0.148	0.107	462	60
7/19/2005													
7/20/2005	<2.0		6.5			7.18	0.040	0.135	1.37	0.262		354	60
7/25/2005	<2.0				13	6.33	<0.020	0.102	0.61	0.177	0.116	346	57
8/3/2005	<2.0		5.8			4.90	<0.020	0.052	0.68	0.146		436	65
8/8/2005	2.0				16	2.96	<0.020	0.062	0.63	0.143	0.102	482	53
8/15/2005	2.0				16	1.65	<0.020	0.134	0.60	0.168	0.131	444	85
8/22/2005	2.1				13	1.40	<0.020	0.100	0.52	0.328	0.134	470	82
Blanchard R at CR 21-H (500090) - RM 2.58													
6/1/2005	2.2				13	3.53	<0.020	<0.050	0.79	0.104		488	21
6/13/2005	<2.0				12	8.46	0.154	0.144	0.90	0.183		366	35
6/27/2005	4.9				25	1.09	<0.020	0.054	0.52	0.160		600	30
7/6/2005													
7/11/2005	2.4				10	4.14	<0.020	0.058	0.54	0.140		434	66
7/19/2005													
7/25/2005	<2.0				18	6.47	<0.020	0.075	0.67	0.174		348	49
8/8/2005	2.2				16	3.06	<0.020	0.059	0.67	0.099		466	49
8/22/2005	<2.0				10	1.44	<0.020	0.082	0.57	0.181		522	70

DATE	Sulfate P945 mg/L	Chloride P940 mg/L	Calcium P916 mg/L	Magnesium P927 mg/L	Potassium P937 mg/L	Sodium P929 mg/L	Total Volatile Solids P505 mg/L	Fluoride P951 mg/L	Hexavalent Chromium P1220 ug/L	Oil & Grease P556 mg/L
Blanchard R at SR 115 (CUBA) (200149) - RM 9.05										
6/13/2005	87.1	46.7	73	25	5	23				
6/21/2005	132	70.1	91	34	6	42				
6/27/2005	142	75.9	81	33	6	45				
7/5/2005	87.1	41.1	57	23	5	23				
7/6/2005										
7/11/2005	110	56.8	81	29	7	32				
7/19/2005										
7/20/2005	66.9	38.0	63	20	5	21				
7/25/2005	76.7	40.1	66	21	5	22				
8/3/2005	100	47.3	77	26	5	26				
8/8/2005	115	61.9	75	27	6	35				
8/15/2005	105	65.0	63	23	8	43				
8/22/2005	121	66.6	75	29	7	44				
Blanchard R at CR 21-H (500090) - RM 2.58										
6/1/2005	116	61.6	92	33	4	36				
6/13/2005	78.0	41.3	68	23	5	21				
6/27/2005	144	75.8	85	33	6	45				
7/6/2005										
7/11/2005	104	52.6	75	28	6	30				
7/19/2005										
7/25/2005	72.2	37.4	65	20	5	21				
8/8/2005	109	58.1	74	25	6	31				
8/22/2005	126	70.2	81	32	7	48				

DATE FIELD

Blanchard R at SR 115 (CUBA) (200149) - RM 9.05

6/13/2005
6/21/2005
6/27/2005
7/5/2005
7/6/2005 Bacteria run
7/11/2005
7/19/2005 Bacteria run
7/20/2005
7/25/2005
8/3/2005
8/8/2005
8/15/2005
8/22/2005

Blanchard R at CR 21-H (500090) - RM 2.58

6/1/2005
6/13/2005
6/27/2005
7/6/2005 Bacteria run
7/11/2005
7/19/2005 Bacteria run
7/25/2005
8/8/2005
8/22/2005

Appendix Table A-2.

Macroinvertebrate collection summary
for locations in the
Blanchard River study area, 2005.

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Collection Date: 07/19/2005 River Code: 04-160 RM: 101.00 Site: Blanchard River

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	93900	<i>Elimia sp</i>	+
04935	<i>Erpobdella punctata punctata</i>	+	95100	<i>Physella sp</i>	+
05900	<i>Lirceus sp</i>	+	99160	<i>Anodontoides ferussacianus</i>	+
07800	<i>Cambarus sp</i>	+			
11120	<i>Baetis flavistriga</i>	+	No. Quantitative Taxa: 0		Total Taxa: 47
11130	<i>Baetis intercalaris</i>	+	No. Qualitative Taxa: 47		ICI:
11200	<i>Callibaetis sp</i>	+	Number of Organisms: 0		Qual EPT: 15
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
16700	<i>Tricorythodes sp</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
23909	<i>Boyeria vinosa</i>	+			
45300	<i>Sigara sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52430	<i>Ceratopsyche morosa group</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53501	<i>Hydroptilidae</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59570	<i>Oecetis nocturna</i>	+			
59700	<i>Triaenodes sp</i>	+			
63900	<i>Laccophilus sp</i>	+			
65800	<i>Berosus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
68702	<i>Dubiraphia bivittata</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77355	<i>Clinotanypus pinguis</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	+			
77800	<i>Helopelopia sp</i>	+			
78200	<i>Larsia sp</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
82885	<i>Cryptotendipes pseudotener</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
85261	<i>Cladotanytarsus vanderwulpi group Type 1</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
87540	<i>Hemerodromia sp</i>	+			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/19/2005 River Code: 04-160 RM: 100.10 Site: Blanchard River

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00653	<i>Eunapius fragilis</i>	+	85625	<i>Rheotanytarsus sp</i>	+
01801	<i>Turbellaria</i>	+	85800	<i>Tanytarsus sp</i>	+
03600	<i>Oligochaeta</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
04935	<i>Erpobdella punctata punctata</i>	+	87540	<i>Hemerodromia sp</i>	+
04964	<i>Mooreobdella microstoma</i>	+	95100	<i>Physella sp</i>	+
05900	<i>Lirceus sp</i>	+	95907	<i>Gyraulus (Torquis) parvus</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	96002	<i>Helisoma anceps anceps</i>	+
08601	<i>Hydrachnidia</i>	+	96120	<i>Menetus (Micromenetus) dilatatus</i>	+
11120	<i>Baetis flavistriga</i>	+	96900	<i>Ferrissia sp</i>	+
11130	<i>Baetis intercalaris</i>	+	98600	<i>Sphaerium sp</i>	+
11200	<i>Callibaetis sp</i>	+			
13400	<i>Stenacron sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 54
13521	<i>Stenonema femoratum</i>	+	No. Qualitative Taxa: 54		ICI:
17200	<i>Caenis sp</i>	+	Number of Organisms: 0		Qual EPT: 17
22001	<i>Coenagrionidae</i>	+			
45300	<i>Sigara sp</i>	+			
47600	<i>Sialis sp</i>	+			
51400	<i>Nyctiophylax sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52430	<i>Ceratopsyche morosa group</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53501	<i>Hydroptilidae</i>	+			
57400	<i>Neophylax sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59150	<i>Ceraclea resurgens group</i>	+			
59570	<i>Oecetis nocturna</i>	+			
59728	<i>Triaenodes marginatus</i>	+			
65800	<i>Berosus sp</i>	+			
67700	<i>Paracymus sp</i>	+			
68702	<i>Dubiraphia bivittata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
71300	<i>Limonia sp</i>	+			
77355	<i>Clinotanypus pinguis</i>	+			
77500	<i>Conchapelopia sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
78140	<i>Labrundinia pilosella</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84750	<i>Stictochironomus sp</i>	+			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/30/2005 River Code: 04-160 RM: 97.50 Site: Blanchard River Musgrave Rd.

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	1	95100	<i>Physella sp</i>	1
01801	<i>Turbellaria</i>	26 +	98200	<i>Pisidium sp</i>	1
03360	<i>Plumatella sp</i>	+	98600	<i>Sphaerium sp</i>	1 +
03600	<i>Oligochaeta</i>	5040 +	99100	<i>Pyganodon grandis</i>	+
04964	<i>Mooreobdella microstoma</i>	+	99160	<i>Anodontooides ferussacianus</i>	+
11651	<i>Procloeon sp (w/o hindwing pads)</i>	16	99260	<i>Lasmigona compressa</i>	+
13400	<i>Stenacron sp</i>	+	99420	<i>Amblema plicata plicata</i>	+
17200	<i>Caenis sp</i>	80 +	99740	<i>Toxolasma parvus</i>	+
21200	<i>Calopteryx sp</i>	1	99860	<i>Lampsilis radiata luteola</i>	+
21300	<i>Hetaerina sp</i>	+			
22300	<i>Argia sp</i>	4 +	No. Quantitative Taxa: 32		Total Taxa: 52
23909	<i>Boyeria vinosa</i>	1	No. Qualitative Taxa: 37		ICI: 20
43300	<i>Ranatra sp</i>	+	Number of Organisms: 6365		Qual EPT: 7
45400	<i>Trichocorixa sp</i>	+			
47600	<i>Sialis sp</i>	1			
52200	<i>Cheumatopsyche sp</i>	2 +			
53800	<i>Hydroptila sp</i>	26 +			
57400	<i>Neophylax sp</i>	+			
58505	<i>Helicopsyche borealis</i>	5 +			
59500	<i>Oecetis sp</i>	+			
59970	<i>Petrophila sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
65800	<i>Berosus sp</i>	285 +			
68702	<i>Dubiraphia bivittata</i>	+			
68708	<i>Dubiraphia vittata group</i>	26 +			
69400	<i>Stenelmis sp</i>	6 +			
74650	<i>Atrichopogon sp</i>	49			
77500	<i>Conchapelopia sp</i>	74			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	139 +			
77800	<i>Helopelopia sp</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	25			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	8			
81240	<i>Nanocladius (N.) distinctus</i>	8			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	221 +			
84020	<i>Parachironomus carinatus</i>	155 +			
84030	<i>Parachironomus directus</i>	8			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	16 +			
84470	<i>Polypedilum (P.) illinoense</i>	33			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	8 +			
84750	<i>Stictochironomus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	82 +			
85840	<i>Tanytarsus sepp</i>	16			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/30/2005 River Code: 04-160 RM: 96.00 Site: Blanchard River

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	80	84470	<i>Polypedilum (P.) illinoense</i>	24
01801	<i>Turbellaria</i>	16 +	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	3
02960	<i>Paragordius sp</i>	1	84800	<i>Tribelos jucundum</i>	3
03360	<i>Plumatella sp</i>	1 +	84960	<i>Pseudochironomus sp</i>	5
03600	<i>Oligochaeta</i>	2912 +	85821	<i>Tanytarsus glabrescens group sp 7</i>	3
05900	<i>Lirceus sp</i>	+	86200	<i>Tabanus sp</i>	+
06201	<i>Hyaella azteca</i>	1	95100	<i>Physella sp</i>	2
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	99100	<i>Pyganodon grandis</i>	+
11651	<i>Procloeon sp (w/o hindwing pads)</i>	1	99420	<i>Amblema plicata plicata</i>	+
13400	<i>Stenacron sp</i>	3 +	99440	<i>Fusconaia flava</i>	+
16700	<i>Tricorythodes sp</i>	1	99860	<i>Lampsilis radiata luteola</i>	+
17200	<i>Caenis sp</i>	173 +			
22001	<i>Coenagrionidae</i>	1	No. Quantitative Taxa: 36		Total Taxa: 55
22300	<i>Argia sp</i>	25 +	No. Qualitative Taxa: 31		ICI: 16
23909	<i>Boyeria vinosa</i>	+	Number of Organisms: 3975		Qual EPT: 5
28955	<i>Plathemis lydia</i>	9 +			
44501	<i>Corixidae</i>	2			
45400	<i>Trichocorixa sp</i>	+			
47600	<i>Sialis sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
57400	<i>Neophylax sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
59970	<i>Petrophila sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
63900	<i>Laccophilus sp</i>	+			
65800	<i>Berosus sp</i>	517 +			
66200	<i>Cymbiodyta sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68702	<i>Dubiraphia bivittata</i>	1			
68708	<i>Dubiraphia vittata group</i>	4			
69400	<i>Stenelmis sp</i>	24 +			
77500	<i>Conchapelopia sp</i>	22 +			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	76 +			
77800	<i>Helopelopia sp</i>	11			
78200	<i>Larsia sp</i>	3			
78655	<i>Procladius (Holotanypus) sp</i>	3			
80370	<i>Corynoneura lobata</i>	3			
80420	<i>Cricotopus (C.) bicinctus</i>	3			
81250	<i>Nanocladius (N.) minimus</i>	5			
81632	<i>Parakiefferiella n.sp 2</i>	16 +			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	5			
84020	<i>Parachironomus carinatus</i>	11			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	5			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/29/2005 River Code: 04-160 RM: 88.20 Site: Blanchard River

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	177 +
01320	<i>Hydra sp</i>	8			
01801	<i>Turbellaria</i>	23 +	77800	<i>Helopelopia sp</i>	6
03360	<i>Plumatella sp</i>	+	78600	<i>Pentaneura inconspicua</i>	3
03600	<i>Oligochaeta</i>	12 +	78655	<i>Procladius (Holotanypus) sp</i>	+
04666	<i>Helobdella triserialis</i>	+	80370	<i>Corynoneura lobata</i>	12
06201	<i>Hyaella azteca</i>	1 +	81632	<i>Parakiefferiella n.sp 2</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	3
08601	<i>Hydrachnidia</i>	2	82121	<i>Thienemanniella lobapodema</i>	4
11020	<i>Acerpenna pygmaea</i>	10 +	82141	<i>Thienemanniella xena</i>	4
11120	<i>Baetis flavistriga</i>	41 +	83040	<i>Dicrotendipes neomodestus</i>	6
11130	<i>Baetis intercalaris</i>	64 +	83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+
11650	<i>Procloeon sp (w/ hindwing pads)</i>	+			
13000	<i>Leucrocota sp</i>	10 +	83840	<i>Microtendipes pedellus group</i>	+
13400	<i>Stenacron sp</i>	339 +	84020	<i>Parachironomus carinatus</i>	3 +
13561	<i>Maccaffertium pulchellum</i>	19 +	84039	<i>Parachironomus frequens group</i>	+
16700	<i>Tricorythodes sp</i>	1	84155	<i>Paralauterborniella nigrohalteralis</i>	+
17200	<i>Caenis sp</i>	2 +	84315	<i>Phaenopsectra flavipes</i>	+
21200	<i>Calopteryx sp</i>	8	84450	<i>Polypedilum (Uresipedilum) flavum</i>	3
22001	<i>Coenagrionidae</i>	+	84460	<i>Polypedilum (P.) fallax group</i>	10
22300	<i>Argia sp</i>	35 +	84490	<i>Polypedilum (Cerobregma) ontario</i>	13
28955	<i>Plathemis lydia</i>	+	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	6 +
45100	<i>Palmacorixa sp</i>	+	84790	<i>Tribelos fuscicorne</i>	+
45300	<i>Sigara sp</i>	+	85201	<i>Cladotanytarsus species group A</i>	+
45400	<i>Trichocorixa sp</i>	+	85500	<i>Paratanytarsus sp</i>	6
47600	<i>Sialis sp</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	30
52200	<i>Cheumatopsyche sp</i>	161 +	85840	<i>Tanytarsus sepp</i>	13
53400	<i>Protophila sp</i>	+	86100	<i>Chrysops sp</i>	+
53800	<i>Hydroptila sp</i>	1	87400	<i>Stratiomys sp</i>	+
57400	<i>Neophylax sp</i>	+	87540	<i>Hemerodromia sp</i>	19 +
57900	<i>Pycnopsyche sp</i>	+	93900	<i>Elimia sp</i>	1 +
58505	<i>Helicopsyche borealis</i>	+	95100	<i>Physella sp</i>	+
59500	<i>Oecetis sp</i>	8 +	95907	<i>Gyraulus (Torquis) parvus</i>	+
59970	<i>Petrophila sp</i>	+	96900	<i>Ferrissia sp</i>	7 +
67000	<i>Helophorus sp</i>	+	98600	<i>Sphaerium sp</i>	+
68075	<i>Psephenus herricki</i>	+	99540	<i>Elliptio dilatata</i>	+
68601	<i>Ancyronyx variegata</i>	+	99860	<i>Lampsilis radiata luteola</i>	+
68708	<i>Dubiraphia vittata group</i>	8 +			
68901	<i>Macronychus glabratus</i>	1	No. Quantitative Taxa: 42		Total Taxa: 79
69400	<i>Stenelmis sp</i>	5 +	No. Qualitative Taxa: 58		ICI: 48
71100	<i>Hexatoma sp</i>	+	Number of Organisms: 1096		Qual EPT: 14
71900	<i>Tipula sp</i>	1			
77130	<i>Ablabesmyia rhamphe group</i>	+			
77500	<i>Conchapelopia sp</i>	10			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/29/2005 River Code: 04-160 RM: 82.10 Site: Blanchard River

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
04685	<i>Placobdella ornata</i>	+	No. Quantitative Taxa: 0		Total Taxa: 40
05900	<i>Lirceus sp</i>	+	No. Qualitative Taxa: 40		ICI:
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	Number of Organisms: 0		Qual EPT: 14
11130	<i>Baetis intercalaris</i>	+			
11650	<i>Procloeon sp (w/ hindwing pads)</i>	+			
11651	<i>Procloeon sp (w/o hindwing pads)</i>	+			
12200	<i>Isonychia sp</i>	+			
13000	<i>Leucrocuta sp</i>	+			
13400	<i>Stenacron sp</i>	+			
13510	<i>Maccaffertium exiguum</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
22300	<i>Argia sp</i>	+			
45300	<i>Sigara sp</i>	+			
47600	<i>Sialis sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
53400	<i>Protophila sp</i>	+			
57400	<i>Neophylax sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
59970	<i>Petrophila sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69400	<i>Stenelmis sp</i>	+			
72700	<i>Anopheles sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
79100	<i>Thienemannimyia group</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	+			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
84800	<i>Tribelos jucundum</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
93900	<i>Elimia sp</i>	+			
98600	<i>Sphaerium sp</i>	+			
99180	<i>Strophitus undulatus undulatus</i>	+			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Collection Date: 08/29/2005 River Code: 04-160 RM: 75.80 Site: Blanchard River

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	30	81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	2
01801	<i>Turbellaria</i>	6 +	81240	<i>Nanocladius (N.) distinctus</i>	7
03360	<i>Plumatella sp</i>	1 +	82121	<i>Thienemanniella lobapodema</i>	4
03451	<i>Urnatella gracilis</i>	52	82885	<i>Cryptotendipes pseudotener</i>	+
03600	<i>Oligochaeta</i>	4	83040	<i>Dicrotendipes neomodestus</i>	34
06700	<i>Crangonyx sp</i>	8 +	83300	<i>Glyptotendipes (G.) sp</i>	12
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+
11020	<i>Acerpenna pygmaea</i>	+	83840	<i>Microtendipes pedellus group</i>	15
11120	<i>Baetis flavistriga</i>	+	84210	<i>Paratendipes albimanus or P. duplicatus</i>	5
11130	<i>Baetis intercalaris</i>	+	84300	<i>Phaenopsectra obediens group</i>	+
11651	<i>Procloeon sp (w/o hindwing pads)</i>	38	84315	<i>Phaenopsectra flavipes</i>	5
12200	<i>Isonychia sp</i>	3	84450	<i>Polypedilum (Uresipedilum) flavum</i>	+
13000	<i>Leucrocota sp</i>	+	84460	<i>Polypedilum (P.) fallax group</i>	53
13400	<i>Stenacron sp</i>	258 +	84470	<i>Polypedilum (P.) illinoense</i>	61 +
16700	<i>Tricorythodes sp</i>	14	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	2 +
17200	<i>Caenis sp</i>	+	84750	<i>Stictochironomus sp</i>	+
21200	<i>Calopteryx sp</i>	1	84790	<i>Tribelos fuscicorne</i>	10
22001	<i>Coenagrionidae</i>	+	84800	<i>Tribelos jucundum</i>	2
22300	<i>Argia sp</i>	33 +	85500	<i>Paratanytarsus sp</i>	2
45100	<i>Palmarcorixa sp</i>	+	85625	<i>Rheotanytarsus sp</i>	2 +
47600	<i>Sialis sp</i>	1	85800	<i>Tanytarsus sp</i>	5
50315	<i>Chimarra obscura</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	34
51600	<i>Polycentropus sp</i>	+	85840	<i>Tanytarsus sepp</i>	12
52200	<i>Cheumatopsyche sp</i>	3 +	93900	<i>Elimia sp</i>	2 +
52430	<i>Ceratopsyche morosa group</i>	+	96900	<i>Ferrissia sp</i>	1
52530	<i>Hydropsyche depravata group</i>	+	98600	<i>Sphaerium sp</i>	+
53400	<i>Protoptila sp</i>	+	99540	<i>Elliptio dilatata</i>	+
57400	<i>Neophylax sp</i>	+	99560	<i>Ptychobranthus fasciolaris</i>	+
57900	<i>Pycnopsyche sp</i>	+	99860	<i>Lampsilis radiata luteola</i>	+
58505	<i>Helicopsyche borealis</i>	+			
59110	<i>Ceraclea ancylus</i>	+			
59500	<i>Oecetis sp</i>	1			
59970	<i>Petrophila sp</i>	+	No. Quantitative Taxa: 43		Total Taxa: 73
67500	<i>Laccobius sp</i>	+	No. Qualitative Taxa: 43		ICI: 34
68075	<i>Psephenus herricki</i>	+	Number of Organisms: 834		Qual EPT: 16
68300	<i>Cyphon sp</i>	39			
68708	<i>Dubiraphia vittata group</i>	4 +			
68901	<i>Macronychus glabratus</i>	1			
69400	<i>Stenelmis sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	5			
77500	<i>Conchapelopia sp</i>	32			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	7 +			
77800	<i>Helopelopia sp</i>	10 +			
80370	<i>Corynoneura lobata</i>	13			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/29/2005 River Code: 04-160 RM: 71.90 Site: Blanchard River Twp. Rd. 166

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	99100	<i>Pyganodon grandis</i>	+
03600	<i>Oligochaeta</i>	+			
05900	<i>Lirceus sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 45
06700	<i>Crangonyx sp</i>	+	No. Qualitative Taxa: 45		ICI:
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	Number of Organisms: 0		Qual EPT: 15
11020	<i>Acerpenna pygmaea</i>	+			
11130	<i>Baetis intercalaris</i>	+			
12200	<i>Isonychia sp</i>	+			
13000	<i>Leucrocuta sp</i>	+			
13400	<i>Stenacron sp</i>	+			
13510	<i>Maccaffertium exiguum</i>	+			
17200	<i>Caenis sp</i>	+			
21200	<i>Calopteryx sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
24501	<i>Gomphidae</i>	+			
50315	<i>Chimarra obscura</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52430	<i>Ceratopsyche morosa group</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53400	<i>Protoptila sp</i>	+			
57400	<i>Neophylax sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
59110	<i>Ceraclea ancylus</i>	+			
59970	<i>Petrophila sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68700	<i>Dubiraphia sp</i>	+			
69400	<i>Stenelmis sp</i>	+			
71100	<i>Hexatoma sp</i>	+			
77500	<i>Conchapelopia sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
78680	<i>Procladius (Psilotanypus) bellus</i>	+			
80370	<i>Corynoneura lobata</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
82885	<i>Cryptotendipes pseudotener</i>	+			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
84800	<i>Tribelos jucundum</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85840	<i>Tanytarsus sepp</i>	+			
93900	<i>Elimia sp</i>	+			
96900	<i>Ferrissia sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 09/21/2005 River Code: 04-160 RM: 61.70 Site: Blanchard River adj. Twp. Rd. 208

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	68901	<i>Macronychus glabratus</i>	28 +
01320	<i>Hydra sp</i>	8	69400	<i>Stenelmis sp</i>	28 +
01801	<i>Turbellaria</i>	14 +	71100	<i>Hexatoma sp</i>	+
03040	<i>Fredericella sp</i>	+	74100	<i>Simulium sp</i>	8
03360	<i>Plumatella sp</i>	6	77120	<i>Ablabesmyia mallochi</i>	+
03600	<i>Oligochaeta</i>	8 +	77500	<i>Conchapelopia sp</i>	11
05900	<i>Lirceus sp</i>	+	77800	<i>Helopelopia sp</i>	+
07800	<i>Cambarus sp</i>	+	80351	<i>Corynoneura n.sp 1</i>	4
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	80370	<i>Corynoneura lobata</i>	54
08601	<i>Hydrachnidia</i>	8	80410	<i>Cricotopus (C.) sp</i>	11
11020	<i>Acerpenna pygmaea</i>	28 +	81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	96
11120	<i>Baetis flavistriga</i>	78 +	82102	<i>Thienemanniella boltoni</i>	5
11125	<i>Pseudocloeon frondale</i>	+	82121	<i>Thienemanniella lobapodema</i>	9
11130	<i>Baetis intercalaris</i>	401 +	82141	<i>Thienemanniella xena</i>	71
11650	<i>Procloeon sp (w/ hindwing pads)</i>	+	82820	<i>Cryptochironomus sp</i>	+
11670	<i>Procloeon viridoculare</i>	+	82885	<i>Cryptotendipes pseudotener</i>	+
12200	<i>Isonychia sp</i>	120 +	83300	<i>Glyptotendipes (G.) sp</i>	+
13000	<i>Leucrocuta sp</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	171 +
13400	<i>Stenacron sp</i>	54 +	84460	<i>Polypedilum (P.) fallax group</i>	11
13521	<i>Stenonema femoratum</i>	+	84470	<i>Polypedilum (P.) illinoense</i>	+
13561	<i>Maccaffertium pulchellum</i>	456 +	85625	<i>Rheotanytarsus sp</i>	544 +
13570	<i>Maccaffertium terminatum</i>	21 +	85800	<i>Tanytarsus sp</i>	+
17200	<i>Caenis sp</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	11
18600	<i>Ephemera sp</i>	+	87540	<i>Hemerodromia sp</i>	4
21200	<i>Calopteryx sp</i>	+	93900	<i>Elimia sp</i>	1 +
21300	<i>Hetaerina sp</i>	+	96900	<i>Ferrissia sp</i>	+
22001	<i>Coenagrionidae</i>	+	98200	<i>Pisidium sp</i>	+
22300	<i>Argia sp</i>	+	98600	<i>Sphaerium sp</i>	+
47600	<i>Sialis sp</i>	+	99540	<i>Elliptio dilatata</i>	+
50315	<i>Chimarra obscura</i>	90 +	99860	<i>Lampsilis radiata luteola</i>	+
51600	<i>Polycentropus sp</i>	8 +			
52200	<i>Cheumatopsyche sp</i>	897 +	No. Quantitative Taxa: 35		Total Taxa: 74
52430	<i>Ceratopsyche morosa group</i>	339 +	No. Qualitative Taxa: 58		ICI: 48
52530	<i>Hydropsyche depravata group</i>	120 +	Number of Organisms: 3731		Qual EPT: 23
53400	<i>Protoptila sp</i>	+			
57400	<i>Neophylax sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59700	<i>Triaenodes sp</i>	+			
59970	<i>Petrophila sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
65800	<i>Berosus sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68601	<i>Ancyronyx variegata</i>	8			
68708	<i>Dubiraphia vittata group</i>	+			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/29/2005 River Code: 04-160 RM: 57.80 Site: Blanchard River Main St.

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00700	<i>Radiospongilla crateriformis</i>				+
01320	<i>Hydra sp</i>	1408			
01801	<i>Turbellaria</i>	256			+
02600	<i>Nematomorpha</i>	1			
03221	<i>Pectinatella magnifica</i>	2			+
03360	<i>Plumatella sp</i>	2			+
03451	<i>Urnatella gracilis</i>	256			+
03600	<i>Oligochaeta</i>	2624			+
06700	<i>Crangonyx sp</i>				+
08250	<i>Orconectes (Procericambarus) rusticus</i>				+
13400	<i>Stenacron sp</i>				+
22001	<i>Coenagrionidae</i>	8			+
22300	<i>Argia sp</i>	32			+
27307	<i>Epitheca (Epicordulia) princeps</i>	2			+
27610	<i>Epitheca (Tetragoneuria) cynosura</i>	2			
28705	<i>Pachydiplax longipennis</i>	1			
47600	<i>Sialis sp</i>				+
51206	<i>Cyrnellus fraternus</i>	64			
57900	<i>Pycnopsyche sp</i>				+
59400	<i>Nectopsyche sp</i>	1			
59500	<i>Oecetis sp</i>				+
60800	<i>Haliphus sp</i>				+
67000	<i>Helophorus sp</i>				+
68901	<i>Macronychus glabratus</i>	8			+
69400	<i>Stenelmis sp</i>	1			
77130	<i>Ablabesmyia rhamphe group</i>	66			+
78655	<i>Procladius (Holotanypus) sp</i>				+
80490	<i>Cricotopus (Isocladius) intersectus group</i>	66			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	66			
83050	<i>Dicrotendipes lucifer</i>				+
83051	<i>Dicrotendipes simpsoni</i>	657			+
83300	<i>Glyptotendipes (G.) sp</i>	5521			+
84060	<i>Parachironomus pectinatellae</i>	789			+
84470	<i>Polypedilum (P.) illinoense</i>				+
84800	<i>Tribelos jucundum</i>	66			
85800	<i>Tanytarsus sp</i>	66			+
93200	<i>Hydrobiidae</i>	2			+
96120	<i>Menetus (Micromenetus) dilatatus</i>	184			
96930	<i>Laevapex fuscus</i>	1			+

No. Quantitative Taxa: 27 Total Taxa: 39
 No. Qualitative Taxa: 28 ICI: 12
 Number of Organisms: 12152 Qual EPT: 3

Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection

Collection Date: 08/29/2005 River Code: 04-160 RM: 57.30 Site: Blanchard River upst. Findlay WWTP, dst. dam

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	84470	<i>Polypedilum (P.) illinoense</i>	+
01200	<i>Cordylophora lacustris</i>	8	85625	<i>Rheotanytarsus sp</i>	232 +
01320	<i>Hydra sp</i>	217	85800	<i>Tanytarsus sp</i>	116
01801	<i>Turbellaria</i>	4608 +	93900	<i>Elimia sp</i>	+
03040	<i>Fredericella sp</i>	1 +	95100	<i>Physella sp</i>	+
03360	<i>Plumatella sp</i>	1	96930	<i>Laevapex fuscus</i>	+
03451	<i>Urnatella gracilis</i>	8	98600	<i>Sphaerium sp</i>	32 +
03600	<i>Oligochaeta</i>	2080	99100	<i>Pyganodon grandis</i>	+
06201	<i>Hyaella azteca</i>	+	99680	<i>Leptodea fragilis</i>	+
06700	<i>Crangonyx sp</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	No. Quantitative Taxa: 26		Total Taxa: 51
08601	<i>Hydrachnidia</i>	96	No. Qualitative Taxa: 41		ICI: 24
13400	<i>Stenacron sp</i>	+	Number of Organisms: 22436		Qual EPT: 9
13510	<i>Maccaffertium exiguum</i>	1			
13570	<i>Maccaffertium terminatum</i>	1			
16700	<i>Tricorythodes sp</i>	49 +			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	1 +			
28955	<i>Plathemis lydia</i>	+			
51206	<i>Cyrnellus fraternus</i>	345 +			
52200	<i>Cheumatopsyche sp</i>	3067 +			
52430	<i>Ceratopsyche morosa group</i>	36 +			
52520	<i>Hydropsyche bidens</i>	9			
53800	<i>Hydroptila sp</i>	272 +			
59300	<i>Mystacides sp</i>	8 +			
59500	<i>Oecetis sp</i>	+			
59520	<i>Oecetis cinerascens</i>	+			
59970	<i>Petrophila sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
68601	<i>Ancyronyx variegata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69400	<i>Stenelmis sp</i>	+			
77130	<i>Ablabesmyia rhamphe group</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	+			
77800	<i>Helopelopia sp</i>	+			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	116 +			
81240	<i>Nanocladius (N.) distinctus</i>	348 +			
83051	<i>Dicrotendipes simpsoni</i>	348 +			
83300	<i>Glyptotendipes (G.) sp</i>	5102 +			
84010	<i>Parachironomus "abortivus" (sensu Simpson & Bode, 1980)</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	5334 +			

Ohio EPA/DW Ecological Assessment Section
 Macroinvertebrate Collection

Collection Date: 09/16/2005 River Code: 04-160 RM: 56.90 Site: Blanchard River upst. Findlay WWTP

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	314	96930	<i>Laevapex fuscus</i>	5 +
01801	<i>Turbellaria</i>	12	98600	<i>Sphaerium sp</i>	12
02600	<i>Nematomorpha</i>	+	<hr/>		
03040	<i>Fredericella sp</i>	1	No. Quantitative Taxa: 27		Total Taxa: 46
03221	<i>Pectinatella magnifica</i>	1	No. Qualitative Taxa: 28		ICI: 16
03451	<i>Urnatella gracilis</i>	+	Number of Organisms: 16100		Qual EPT: 5
03600	<i>Oligochaeta</i>	5728 +			
13400	<i>Stenacron sp</i>	+			
16700	<i>Tricorythodes sp</i>	8			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	1 +			
22300	<i>Argia sp</i>	2 +			
24900	<i>Gomphus sp</i>	+			
28908	<i>Perithemis tenera</i>	+			
45000	<i>Hesperocorixa sp</i>	+			
47600	<i>Sialis sp</i>	+			
51206	<i>Cyrnellus fraternus</i>	445 +			
51600	<i>Polycentropus sp</i>	1			
52200	<i>Cheumatopsyche sp</i>	1 +			
53501	<i>Hydroptilidae</i>	11			
59300	<i>Mystacides sp</i>	+			
68702	<i>Dubiraphia bivittata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	16			
77130	<i>Ablabesmyia rhamphe group</i>	458 +			
78655	<i>Procladius (Holotanypus) sp</i>	+			
80370	<i>Corynoneura lobata</i>	32			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	115			
82141	<i>Thienemanniella xena</i>	115			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	229			
83051	<i>Dicrotendipes simpsoni</i>	1718 +			
83300	<i>Glyptotendipes (G.) sp</i>	6298 +			
83700	<i>Microchironomus sp</i>	+			
84060	<i>Parachironomus pectinatellae</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84520	<i>Polypedilum (Tripodura) halterale group</i>	+			
84790	<i>Tribelos fuscicorne</i>	115			
85800	<i>Tanytarsus sp</i>	344			
85840	<i>Tanytarsus sepp</i>	115			
93200	<i>Hydrobiidae</i>	+			
93900	<i>Elimia sp</i>	1			
95100	<i>Physella sp</i>	+			
96900	<i>Ferrissia sp</i>	2			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 09/06/2005 River Code: 04-160 RM: 55.20 Site: Blanchard River Co. Rd. 140

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	82130	<i>Thienemanniella similis</i>	+
01320	<i>Hydra sp</i>	153	82141	<i>Thienemanniella xena</i>	80 +
01801	<i>Turbellaria</i>	688 +	83300	<i>Glyptotendipes (G.) sp</i>	+
03040	<i>Fredericella sp</i>	1 +	84010	<i>Parachironomus "abortivus" (sensu Simpson & Bode, 1980)</i>	+
03360	<i>Plumatella sp</i>	2 +	84450	<i>Polypedilum (Uresipedilum) flavum</i>	948 +
03600	<i>Oligochaeta</i>	98 +	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+
04666	<i>Helobdella triserialis</i>	+	84888	<i>Xenochironomus xenolabis</i>	+
04935	<i>Erpobdella punctata punctata</i>	+	85263	<i>Cladotanytarsus vanderwulpi group Type 3</i>	+
05900	<i>Lirceus sp</i>	2 +	85625	<i>Rheotanytarsus sp</i>	217 +
06700	<i>Crangonyx sp</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	11
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	87540	<i>Hemerodromia sp</i>	26
11120	<i>Baetis flavistriga</i>	51 +	93200	<i>Hydrobiidae</i>	+
11130	<i>Baetis intercalaris</i>	308 +	93900	<i>Elimia sp</i>	9 +
12200	<i>Isonychia sp</i>	2	96900	<i>Ferrissia sp</i>	10 +
13400	<i>Stenacron sp</i>	31 +	97601	<i>Corbicula fluminea</i>	73 +
13521	<i>Stenonema femoratum</i>	+	98600	<i>Sphaerium sp</i>	+
13550	<i>Maccaffertium mexicanum integrum</i>	7			
13561	<i>Maccaffertium pulchellum</i>	31 +			
13570	<i>Maccaffertium terminatum</i>	87 +	No. Quantitative Taxa: 38		Total Taxa: 60
16700	<i>Tricorythodes sp</i>	73 +	No. Qualitative Taxa: 46		ICI: 42
21300	<i>Hetaerina sp</i>	1	Number of Organisms: 5931		Qual EPT: 14
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	40 +			
50315	<i>Chimarra obscura</i>	24			
51206	<i>Cyrnellus fraternus</i>	1 +			
51600	<i>Polycentropus sp</i>	2			
52200	<i>Cheumatopsyche sp</i>	2131 +			
52430	<i>Ceratopsyche morosa group</i>	529 +			
52540	<i>Hydropsyche dicantha</i>	158 +			
52560	<i>Hydropsyche orris</i>	+			
53800	<i>Hydroptila sp</i>	17 +			
59300	<i>Mystacides sp</i>	+			
59970	<i>Petrophila sp</i>	+			
65800	<i>Berosus sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69400	<i>Stenelmis sp</i>	40 +			
74100	<i>Simulium sp</i>	8			
78450	<i>Nilotanypus fimbriatus</i>	23			
80370	<i>Corynoneura lobata</i>	16			
80420	<i>Cricotopus (C.) bicinctus</i>	11			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	11			
81270	<i>Nanocladius (N.) spiniplenus</i>	11			

Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection

Collection Date: 09/06/2005 River Code: 04-160 RM: 49.80 Site: Blanchard River Co. Rd. 128

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	13	81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	7
01801	<i>Turbellaria</i>	69 +	82101	<i>Thienemanniella taurocapita</i>	6
02600	<i>Nematomorpha</i>	1 +	82121	<i>Thienemanniella lobapodema</i>	12
03600	<i>Oligochaeta</i>	19	82141	<i>Thienemanniella xena</i>	16
04666	<i>Helobdella triserialis</i>	+	82820	<i>Cryptochironomus sp</i>	4
05900	<i>Lirceus sp</i>	+	84300	<i>Phaenopsectra obediens group</i>	7
11120	<i>Baetis flavistriga</i>	17 +	84450	<i>Polypedilum (Uresipedilum) flavum</i>	172 +
11130	<i>Baetis intercalaris</i>	116 +	84460	<i>Polypedilum (P.) fallax group</i>	11
13400	<i>Stenacron sp</i>	22 +	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	32
13561	<i>Maccaffertium pulchellum</i>	20 +	84800	<i>Tribelos jucundum</i>	+
13570	<i>Maccaffertium terminatum</i>	157 +	85265	<i>Cladotanytarsus vanderwulpi group Type 5</i>	14
16700	<i>Tricorythodes sp</i>	216 +	85625	<i>Rheotanytarsus sp</i>	4 +
17200	<i>Caenis sp</i>	56	85720	<i>Stempellinella n.sp nr. flavidula</i>	7
18100	<i>Anthopotamus sp</i>	4	85800	<i>Tanytarsus sp</i>	4
18600	<i>Ephemera sp</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	7
21200	<i>Calopteryx sp</i>	+	85840	<i>Tanytarsus sepp</i>	25
22001	<i>Coenagrionidae</i>	+	96900	<i>Ferrissia sp</i>	26 +
22300	<i>Argia sp</i>	27 +	96930	<i>Laevapex fuscus</i>	+
43300	<i>Ranatra sp</i>	+	97601	<i>Corbicula fluminea</i>	2
45000	<i>Hesperocorixa sp</i>	+	99240	<i>Lasmigona complanata</i>	+
47600	<i>Sialis sp</i>	+			
51400	<i>Nyctiophylax sp</i>	+			
51600	<i>Polycentropus sp</i>	33 +	No. Quantitative Taxa: 45		Total Taxa: 63
52200	<i>Cheumatopsyche sp</i>	439 +	No. Qualitative Taxa: 38		ICI: 46
52430	<i>Ceratopsyche morosa group</i>	10	Number of Organisms: 2079		Qual EPT: 14
52570	<i>Hydropsyche simulans</i>	24 +			
53400	<i>Protoptila sp</i>	+			
53800	<i>Hydroptila sp</i>	11			
57400	<i>Neophylax sp</i>	+			
59300	<i>Mystacides sp</i>	+			
59407	<i>Nectopsyche candida</i>	1			
59970	<i>Petrophila sp</i>	+			
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68601	<i>Ancyronyx variegata</i>	1			
68708	<i>Dubiraphia vittata group</i>	8 +			
68901	<i>Macronychus glabratus</i>	36 +			
69400	<i>Stenelmis sp</i>	304 +			
77500	<i>Conchapelopia sp</i>	11			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	25 +			
78450	<i>Nilotanypus fimbriatus</i>	7			
80360	<i>Corynoneura "celeripes" (sensu Simpson & Bode, 1980)</i>	42 +			
80370	<i>Corynoneura lobata</i>	34			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 09/06/2005 River Code: 04-160 RM: 46.50 Site: Blanchard River St. Rt. 235

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	82121	<i>Thienemanniella lobapodema</i>	52
01320	<i>Hydra sp</i>	25	82130	<i>Thienemanniella similis</i>	88
01801	<i>Turbellaria</i>	12	82141	<i>Thienemanniella xena</i>	62 +
03040	<i>Fredericella sp</i>	+	83040	<i>Dicrotendipes neomodestus</i>	5 +
03600	<i>Oligochaeta</i>	27 +	84300	<i>Phaenopsectra obediens group</i>	5
05900	<i>Lirceus sp</i>	1 +	84450	<i>Polypedilum (Uresipedilum) flavum</i>	133 +
06700	<i>Crangonyx sp</i>	+	84460	<i>Polypedilum (P.) fallax group</i>	18
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	84520	<i>Polypedilum (Tripodura) halterale group</i>	41 +
11120	<i>Baetis flavistriga</i>	44	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	5
11130	<i>Baetis intercalaris</i>	188 +	84750	<i>Stictochironomus sp</i>	+
12200	<i>Isonychia sp</i>	8	84790	<i>Tribelos fuscicorne</i>	55
13000	<i>Leucrocuta sp</i>	14	85625	<i>Rheotanytarsus sp</i>	5
13400	<i>Stenacron sp</i>	163 +	85821	<i>Tanytarsus glabrescens group sp 7</i>	50
13550	<i>Maccaffertium mexicanum integrum</i>	7	85840	<i>Tanytarsus sepp</i>	14
13561	<i>Maccaffertium pulchellum</i>	24	96900	<i>Ferrissia sp</i>	29
13570	<i>Maccaffertium terminatum</i>	177 +	97601	<i>Corbicula fluminea</i>	11 +
16700	<i>Tricorythodes sp</i>	432 +	99680	<i>Leptodea fragilis</i>	+
17200	<i>Caenis sp</i>	34			
18100	<i>Anthopotamus sp</i>	+	No. Quantitative Taxa: 47		Total Taxa: 60
21200	<i>Calopteryx sp</i>	2 +	No. Qualitative Taxa: 35		ICI: 44
22300	<i>Argia sp</i>	104 +	Number of Organisms: 2047		Qual EPT: 11
24900	<i>Gomphus sp</i>	+			
47600	<i>Sialis sp</i>	1			
50906	<i>Psychomyia flavida</i>	5			
51600	<i>Polycentropus sp</i>	18 +			
52200	<i>Cheumatopsyche sp</i>	35 +			
52430	<i>Ceratopsyche morosa group</i>	1			
52570	<i>Hydropsyche simulans</i>	6 +			
53800	<i>Hydroptila sp</i>	8			
57900	<i>Pycnopsyche sp</i>	+			
59300	<i>Mystacides sp</i>	+			
59415	<i>Nectopsyche exquisita</i>	+			
59970	<i>Petrophila sp</i>	+			
60400	<i>Gyrinus sp</i>	+			
68601	<i>Ancyronyx variegata</i>	1 +			
68708	<i>Dubiraphia vittata group</i>	10 +			
68901	<i>Macronychus glabratus</i>	16 +			
69400	<i>Stenelmis sp</i>	26 +			
74501	<i>Ceratopogonidae</i>	8			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	14 +			
78450	<i>Nilotanypus fimbriatus</i>	5			
80370	<i>Corynoneura lobata</i>	49 +			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	9			

Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection

Collection Date: 09/06/2005 River Code: 04-160 RM: 41.30 Site: Blanchard River Co. Rd. 53

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	60	83040	<i>Dicrotendipes neomodestus</i>	43 +
01801	<i>Turbellaria</i>	168 +	84300	<i>Phaenopsectra obediens group</i>	9
02600	<i>Nematomorpha</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	581 +
03040	<i>Fredericella sp</i>	+	84460	<i>Polypedilum (P.) fallax group</i>	9
03360	<i>Plumatella sp</i>	+	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	9
03600	<i>Oligochaeta</i>	+	84750	<i>Stictochironomus sp</i>	+
05800	<i>Caecidotea sp</i>	+	85625	<i>Rheotanytarsus sp</i>	17 +
07875	<i>Cambarus (Tubericambarus) sp A</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	26
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	96900	<i>Ferrissia sp</i>	1
11130	<i>Baetis intercalaris</i>	624 +	97601	<i>Corbicula fluminea</i>	+
12200	<i>Isonychia sp</i>	25	98600	<i>Sphaerium sp</i>	+
13000	<i>Leucrocuta sp</i>	12 +			
13400	<i>Stenacron sp</i>	37 +	No. Quantitative Taxa: 37		Total Taxa: 55
13510	<i>Maccaffertium exiguum</i>	6	No. Qualitative Taxa: 36		ICI: 46
13550	<i>Maccaffertium mexicanum integrum</i>	43	Number of Organisms: 3650		Qual EPT: 11
13561	<i>Maccaffertium pulchellum</i>	50			
13570	<i>Maccaffertium terminatum</i>	528 +			
16700	<i>Tricorythodes sp</i>	176 +			
17200	<i>Caenis sp</i>	8			
22001	<i>Coenagrionidae</i>	8 +			
22300	<i>Argia sp</i>	61 +			
24900	<i>Gomphus sp</i>	+			
26700	<i>Macromia sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
50906	<i>Psychomyia flavida</i>	+			
51206	<i>Cyrnellus fraternus</i>	15			
51600	<i>Polycentropus sp</i>	73 +			
52200	<i>Cheumatopsyche sp</i>	629 +			
52430	<i>Ceratopsyche morosa group</i>	11 +			
52520	<i>Hydropsyche bidens</i>	22			
52570	<i>Hydropsyche simulans</i>	69 +			
53800	<i>Hydroptila sp</i>	44 +			
59970	<i>Petrophila sp</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	25 +			
69400	<i>Stenelmis sp</i>	96 +			
77500	<i>Conchapelopia sp</i>	26			
80360	<i>Corynoneura "celeripes" (sensu Simpson & Bode, 1980)</i>	40			
80370	<i>Corynoneura lobata</i>	30			
80410	<i>Cricotopus (C.) sp</i>	+			
81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	26			
82121	<i>Thienemanniella lobapodema</i>	+			
82130	<i>Thienemanniella similis</i>	20			
82141	<i>Thienemanniella xena</i>	23			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Collection Date: 09/06/2005 River Code: 04-160 RM: 35.40 Site: Blanchard River upst. Co. Rd. 5-F

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	19 +	81231	<i>Nanocladius (N.) crassicornus</i> or <i>N. (N.) "rectinervis"</i>	3
02600	<i>Nematomorpha</i>	+			
03040	<i>Fredericella sp</i>	2 +	82130	<i>Thienemanniella similis</i>	64
03121	<i>Paludicella articulata</i>	+	82141	<i>Thienemanniella xena</i>	40
03600	<i>Oligochaeta</i>	5	82820	<i>Cryptochironomus sp</i>	+
04682	<i>Placobdella montifera</i>	+	83040	<i>Dicrotendipes neomodestus</i>	+
05900	<i>Lirceus sp</i>	+	83050	<i>Dicrotendipes lucifer</i>	+
11120	<i>Baetis flavistriga</i>	9	83300	<i>Glyptotendipes (G.) sp</i>	28 +
11130	<i>Baetis intercalaris</i>	1158 +	84300	<i>Phaenopsectra obediens group</i>	+
12200	<i>Isonychia sp</i>	35 +	84450	<i>Polypedilum (Uresipedilum) flavum</i>	132 +
13000	<i>Leucrocuta sp</i>	11	84470	<i>Polypedilum (P.) illinoense</i>	11
13400	<i>Stenacron sp</i>	53 +	84750	<i>Stictochironomus sp</i>	+
13550	<i>Maccaffertium mexicanum integrum</i>	11	85625	<i>Rheotanytarsus sp</i>	11 +
13561	<i>Maccaffertium pulchellum</i>	25	85821	<i>Tanytarsus glabrescens group sp 7</i>	28 +
13570	<i>Maccaffertium terminatum</i>	180 +	85840	<i>Tanytarsus sepp</i>	3
16700	<i>Tricorythodes sp</i>	132 +	87540	<i>Hemerodromia sp</i>	1
17200	<i>Caenis sp</i>	8	96900	<i>Ferrissia sp</i>	20 +
18600	<i>Ephemera sp</i>	+	96930	<i>Laevapex fuscus</i>	+
21300	<i>Hetaerina sp</i>	3	97601	<i>Corbicula fluminea</i>	+
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	20 +	No. Quantitative Taxa: 40		Total Taxa: 62
23909	<i>Boyeria vinosa</i>	+	No. Qualitative Taxa: 43		ICI: 48
51206	<i>Cyrnellus fraternus</i>	2	Number of Organisms: 2423		Qual EPT: 12
51600	<i>Polycentropus sp</i>	4 +			
52200	<i>Cheumatopsyche sp</i>	159 +			
52430	<i>Ceratopsyche morosa group</i>	74 +			
52520	<i>Hydropsyche bidens</i>	18			
52540	<i>Hydropsyche dicantha</i>	1			
52570	<i>Hydropsyche simulans</i>	15			
53800	<i>Hydroptila sp</i>	8 +			
57400	<i>Neophylax sp</i>	+			
59300	<i>Mystacides sp</i>	+			
59970	<i>Petrophila sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
65800	<i>Berosus sp</i>	+			
68601	<i>Ancyronyx variegata</i>	1 +			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	16 +			
69400	<i>Stenelmis sp</i>	16 +			
74100	<i>Simulium sp</i>	8 +			
77120	<i>Ablabesmyia mallochi</i>	+			
77750	<i>Hayesomyia senata</i> or <i>Thienemannimyia norena</i>	3			
80370	<i>Corynoneura lobata</i>	86			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 09/07/2005 River Code: 04-160 RM: 28.90 Site: Blanchard River Co. Rd. 8

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03360	<i>Plumatella sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 42
03600	<i>Oligochaeta</i>	+	No. Qualitative Taxa: 42		ICI:
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	Number of Organisms: 0		Qual EPT: 16
11130	<i>Baetis intercalaris</i>	+			
12200	<i>Isonychia sp</i>	+			
13000	<i>Leucrocuta sp</i>	+			
13400	<i>Stenacron sp</i>	+			
13550	<i>Maccaffertium mexicanum integrum</i>	+			
16700	<i>Tricorythodes sp</i>	+			
21300	<i>Hetaerina sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
50315	<i>Chimarra obscura</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52430	<i>Ceratopsyche morosa group</i>	+			
52510	<i>Hydropsyche aerata</i>	+			
52520	<i>Hydropsyche bidens</i>	+			
52570	<i>Hydropsyche simulans</i>	+			
52590	<i>Hydropsyche venularis</i>	+			
53501	<i>Hydroptilidae</i>	+			
57400	<i>Neophylax sp</i>	+			
59407	<i>Nectopsyche candida</i>	+			
59970	<i>Petrophila sp</i>	+			
68601	<i>Ancyronyx variegata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69400	<i>Stenelmis sp</i>	+			
74100	<i>Simulium sp</i>	+			
77115	<i>Ablabesmyia janta</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77800	<i>Helopelopia sp</i>	+			
78750	<i>Rheopelopia paramaculipennis</i>	+			
79085	<i>Telopelopia okoboji</i>	+			
82101	<i>Thienemanniella taurocapita</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
98600	<i>Sphaerium sp</i>	+			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 09/07/2005 River Code: 04-160 RM: 22.50 Site: Blanchard River upst. Ottawa WWTP

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
11130	<i>Baetis intercalaris</i>	+			
13000	<i>Leucrocuta sp</i>	+			
13400	<i>Stenacron sp</i>	+			
13550	<i>Maccaffertium mexicanum integrum</i>	+			
16700	<i>Tricorythodes sp</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
51206	<i>Cyrnellus fraternus</i>	+			
51400	<i>Nyctiophylax sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52520	<i>Hydropsyche bidens</i>	+			
52570	<i>Hydropsyche simulans</i>	+			
59407	<i>Nectopsyche candida</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69400	<i>Stenelmis sp</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84800	<i>Tribelos jucundum</i>	+			
85720	<i>Stempellinella n.sp nr. flavidula</i>	+			
97601	<i>Corbicula fluminea</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 25
No. Qualitative Taxa: 25	ICI:
Number of Organisms: 0	Qual EPT: 13

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 09/07/2005 River Code: 04-160 RM: 21.70 Site: Blanchard River

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	8	97601	<i>Corbicula fluminea</i>	2 +
01801	<i>Turbellaria</i>	17	99240	<i>Lasmigona complanata</i>	+
02600	<i>Nematomorpha</i>	1			
03360	<i>Plumatella sp</i>	+	No. Quantitative Taxa: 36		Total Taxa: 45
03600	<i>Oligochaeta</i>	17	No. Qualitative Taxa: 24		ICI: 42
11130	<i>Baetis intercalaris</i>	208 +	Number of Organisms: 1569		Qual EPT: 10
12200	<i>Isonychia sp</i>	36			
13000	<i>Leucrocuta sp</i>	+			
13400	<i>Stenacron sp</i>	104 +			
13550	<i>Maccaffertium mexicanum integrum</i>	95 +			
13570	<i>Maccaffertium terminatum</i>	284			
16700	<i>Tricorythodes sp</i>	352 +			
17200	<i>Caenis sp</i>	24			
22300	<i>Argia sp</i>	52 +			
24900	<i>Gomphus sp</i>	+			
45100	<i>Palmacorixa sp</i>	+			
51206	<i>Cyrnellus fraternus</i>	1			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	27 +			
52520	<i>Hydropsyche bidens</i>	8 +			
52570	<i>Hydropsyche simulans</i>	1 +			
59407	<i>Nectopsyche candida</i>	+			
68130	<i>Helichus sp</i>	1			
68601	<i>Ancyronyx variegata</i>	1			
68708	<i>Dubiraphia vittata group</i>	1 +			
68901	<i>Macronychus glabratus</i>	3 +			
69400	<i>Stenelmis sp</i>	31 +			
77120	<i>Ablabesmyia mallochi</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	23 +			
79085	<i>Telopelopia okoboji</i>	8			
80360	<i>Corynoneura "celeripes" (sensu Simpson & Bode, 1980)</i>	16			
80370	<i>Corynoneura lobata</i>	93			
82130	<i>Thienemanniella similis</i>	8			
83300	<i>Glyptotendipes (G.) sp</i>	8			
83410	<i>Harnischia curtilamellata</i>	8			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	69 +			
84470	<i>Polypedilum (P.) illinoense</i>	15			
84790	<i>Tribelos fuscicorne</i>	+			
85201	<i>Cladotanytarsus species group A</i>	8			
85625	<i>Rheotanytarsus sp</i>	8 +			
85800	<i>Tanytarsus sp</i>	8			
85821	<i>Tanytarsus glabrescens group sp 7</i>	8			
85840	<i>Tanytarsus sepp</i>	15			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 09/07/2005 River Code: 04-160 RM: 14.50 Site: Blanchard River

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	28	85840	<i>Tanytarsus sepp</i>	6
01801	<i>Turbellaria</i>	41 +	96930	<i>Laevapex fuscus</i>	1
03360	<i>Plumatella sp</i>	+	97601	<i>Corbicula fluminea</i>	1
03451	<i>Urnatella gracilis</i>	+	99240	<i>Lasmigona complanata</i>	+
03600	<i>Oligochaeta</i>	9 +			
11130	<i>Baetis intercalaris</i>	234 +	No. Quantitative Taxa: 36		Total Taxa: 47
11620	<i>Paracloeodes sp 2</i>	+	No. Qualitative Taxa: 31		ICI: 52
12200	<i>Isonychia sp</i>	31 +	Number of Organisms: 2701		Qual EPT: 12
13000	<i>Leucrocota sp</i>	1 +			
13400	<i>Stenacron sp</i>	117			
13510	<i>Maccaffertium exiguum</i>	3 +			
13550	<i>Maccaffertium mexicanum integrum</i>	112 +			
13561	<i>Maccaffertium pulchellum</i>	11			
13570	<i>Maccaffertium terminatum</i>	419 +			
16700	<i>Tricorythodes sp</i>	361 +			
22300	<i>Argia sp</i>	22 +			
24900	<i>Gomphus sp</i>	+			
47600	<i>Sialis sp</i>	+			
51600	<i>Polycentropus sp</i>	10			
52200	<i>Cheumatopsyche sp</i>	767 +			
52520	<i>Hydropsyche bidens</i>	+			
52570	<i>Hydropsyche simulans</i>	57 +			
59407	<i>Nectopsyche candida</i>	13 +			
63900	<i>Laccophilus sp</i>	+			
68601	<i>Ancyronyx variegata</i>	2 +			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	53 +			
69400	<i>Stenelmis sp</i>	82 +			
77500	<i>Conchapelopia sp</i>	3			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	51 +			
80360	<i>Corynoneura "celeripes" (sensu Simpson & Bode, 1980)</i>	2			
80370	<i>Corynoneura lobata</i>	69			
82141	<i>Thienemanniella xena</i>	6			
83300	<i>Glyptotendipes (G.) sp</i>	15 +			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	138 +			
84520	<i>Polypedilum (Tripodura) halterale group</i>	3			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	3 +			
84651	<i>Stelechomyia perpulchra</i>	+			
84790	<i>Tribelos fuscicorne</i>	+			
85201	<i>Cladotanytarsus species group A</i>	15			
85625	<i>Rheotanytarsus sp</i>	6			
85720	<i>Stempellinella n.sp nr. flavidula</i>	3			
85821	<i>Tanytarsus glabrescens group sp 7</i>	6			

Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection

Collection Date: 09/07/2005 River Code: 04-160 RM: 8.60 Site: Blanchard River

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	85625	<i>Rheotanytarsus sp</i>	21
03121	<i>Paludicella articulata</i>	+	96930	<i>Laevapex fuscus</i>	+
03360	<i>Plumatella sp</i>	+	98600	<i>Sphaerium sp</i>	+
03451	<i>Urnatella gracilis</i>	+	99360	<i>Quadrula nodulata</i>	+
03600	<i>Oligochaeta</i>	+			
08601	<i>Hydrachnidia</i>	16	No. Quantitative Taxa: 25		Total Taxa: 48
11130	<i>Baetis intercalaris</i>	608 +	No. Qualitative Taxa: 40		ICI: 46
12200	<i>Isonychia sp</i>	336 +	Number of Organisms: 4743		Qual EPT: 16
13000	<i>Leucrocota sp</i>	+			
13400	<i>Stenacron sp</i>	110 +			
13510	<i>Maccaffertium exiguum</i>	103			
13550	<i>Maccaffertium mexicanum integrum</i>	308 +			
13570	<i>Maccaffertium terminatum</i>	443 +			
16700	<i>Tricorythodes sp</i>	16 +			
22300	<i>Argia sp</i>	6 +			
24900	<i>Gomphus sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
47600	<i>Sialis sp</i>	+			
50315	<i>Chimarra obscura</i>	+			
51206	<i>Cyrnellus fraternus</i>	1 +			
51600	<i>Polycentropus sp</i>	18 +			
52200	<i>Cheumatopsyche sp</i>	1519 +			
52430	<i>Ceratopsyche morosa group</i>	15			
52520	<i>Hydropsyche bidens</i>	123 +			
52570	<i>Hydropsyche simulans</i>	851 +			
52801	<i>Potamyia flava</i>	61 +			
59100	<i>Ceraclea sp</i>	+			
59510	<i>Oecetis avara</i>	+			
68601	<i>Ancyronyx variegata</i>	1			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	11 +			
69400	<i>Stenelmis sp</i>	17 +			
74100	<i>Simulium sp</i>	1			
77120	<i>Ablabesmyia mallochi</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	2 +			
78655	<i>Procladius (Holotanypus) sp</i>	+			
81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	2			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	+			
84040	<i>Parachironomus frequens</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	152 +			
84460	<i>Polypedilum (P.) fallax group</i>	2			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			

Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection

Collection Date: 09/07/2005 River Code: 04-160 RM: 2.40 Site: Blanchard River

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	84470	<i>Polypedilum (P.) illinoense</i>	3 +
01320	<i>Hydra sp</i>	21	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	5
03360	<i>Plumatella sp</i>	1 +	84750	<i>Stictochironomus sp</i>	+
03600	<i>Oligochaeta</i>	8 +	84790	<i>Tribelos fuscicorne</i>	14
06201	<i>Hyaella azteca</i>	+	84800	<i>Tribelos jucundum</i>	+
06700	<i>Crangonyx sp</i>	+	85201	<i>Cladotanytarsus species group A</i>	5
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	85625	<i>Rheotanytarsus sp</i>	23 +
11130	<i>Baetis intercalaris</i>	159 +	85800	<i>Tanytarsus sp</i>	5
12200	<i>Isonychia sp</i>	80	85821	<i>Tanytarsus glabrescens group sp 7</i>	3
13000	<i>Leucrocuta sp</i>	+			
13400	<i>Stenacron sp</i>	100 +	No. Quantitative Taxa: 40		Total Taxa: 52
13510	<i>Maccaffertium exiguum</i>	212	No. Qualitative Taxa: 37		ICI: 54
13550	<i>Maccaffertium mexicanum integrum</i>	70 +	Number of Organisms: 1789		Qual EPT: 13
13570	<i>Maccaffertium terminatum</i>	11 +			
16700	<i>Tricorythodes sp</i>	61 +			
17200	<i>Caenis sp</i>	4 +			
18100	<i>Anthopotamus sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	13 +			
51206	<i>Cyrnellus fraternus</i>	119 +			
51600	<i>Polycentropus sp</i>	26 +			
52200	<i>Cheumatopsyche sp</i>	433 +			
52520	<i>Hydropsyche bidens</i>	18			
52570	<i>Hydropsyche simulans</i>	126 +			
52801	<i>Potamyia flava</i>	117 +			
53800	<i>Hydroptila sp</i>	1			
68601	<i>Ancyronyx variegata</i>	1 +			
68708	<i>Dubiraphia vittata group</i>	4 +			
68901	<i>Macronychus glabratus</i>	13 +			
69400	<i>Stenelmis sp</i>	12 +			
74501	<i>Ceratopogonidae</i>	+			
77130	<i>Ablabesmyia rhamphe group</i>	2 +			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	17 +			
78450	<i>Nilotanypus fimbriatus</i>	2			
79085	<i>Telopelopia okoboji</i>	9			
80370	<i>Corynoneura lobata</i>	23			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	2 +			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	5			
83050	<i>Dicrotendipes lucifer</i>	8 +			
83310	<i>Glyptotendipes (Heynotendipes) amplus</i>	+			
83840	<i>Microtendipes pedellus group</i>	5			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	48 +			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/05/2005 River Code: 04-161 RM: 1.60 Site: Deer Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	+			
04664	<i>Helobdella stagnalis</i>	+			
04964	<i>Mooreobdella microstoma</i>	+			
45300	<i>Sigara sp</i>	+			
65800	<i>Berosus sp</i>	+			
67000	<i>Helophorus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
72900	<i>Culex sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
78702	<i>Psectrotanypus dyari</i>	+			
79020	<i>Tanypus neopunctipennis</i>	+			
82770	<i>Chironomus (C.) riparius group</i>	+			
87800	<i>Eristalis sp</i>	+			
95100	<i>Physella sp</i>	+			
98200	<i>Pisidium sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 16
No. Qualitative Taxa: 16	ICI:
Number of Organisms: 0	Qual EPT: 0

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/05/2005 River Code: 04-162 RM: 4.70 Site: Bear Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	+			
04680	<i>Placobdella sp</i>	+			
08220	<i>Orconectes (Gremicambarus) immunis</i>	+			
11200	<i>Callibaetis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
23704	<i>Anax junius</i>	+			
28955	<i>Plathemis lydia</i>	+			
45300	<i>Sigara sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
63900	<i>Laccophilus sp</i>	+			
65800	<i>Berosus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
77355	<i>Clinotanypus pinguis</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
79020	<i>Tanypus neopunctipennis</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85230	<i>Cladotanytarsus mancus group</i>	+			
95100	<i>Physella sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 21
No. Qualitative Taxa: 21	ICI:
Number of Organisms: 0	Qual EPT: 1

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/05/2005 River Code: 04-163 RM: 4.10 Site: Caton Ditch

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
04666	<i>Helobdella triserialis</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
04964	<i>Mooreobdella microstoma</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
45300	<i>Sigara sp</i>	+			
60300	<i>Dineutus sp</i>	+			
65800	<i>Berosus sp</i>	+			
66500	<i>Enochrus sp</i>	+			
67000	<i>Helophorus sp</i>	+			
69400	<i>Stenelmis sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77500	<i>Conchapelopia sp</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
95100	<i>Physella sp</i>	+			
98200	<i>Pisidium sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 19
No. Qualitative Taxa: 19	ICI:
Number of Organisms: 0	Qual EPT: 1

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/05/2005 River Code: 04-163 RM: 3.00 Site: Caton Ditch

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
02600	<i>Nematomorpha</i>	+			
03600	<i>Oligochaeta</i>	+			
04664	<i>Helobdella stagnalis</i>	+			
04666	<i>Helobdella triserialis</i>	+			
04687	<i>Placobdella parasitica</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
07800	<i>Cambarus sp</i>	+			
08200	<i>Orconectes sp</i>	+			
13400	<i>Stenacron sp</i>	+			
18750	<i>Hexagenia limbata</i>	+			
22001	<i>Coenagrionidae</i>	+			
44501	<i>Corixidae</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
67000	<i>Helophorus sp</i>	+			
69400	<i>Stenelmis sp</i>	+			
72700	<i>Anopheles sp</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84155	<i>Paralauterborniella nigrohalteralis</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84800	<i>Tribelos jucundum</i>	+			
95100	<i>Physella sp</i>	+			
96264	<i>Planorbella (Pierosoma) pilsbryi</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 25
No. Qualitative Taxa: 25	ICI:
Number of Organisms: 0	Qual EPT: 3

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/21/2005 River Code: 04-164 RM: 19.90 Site: Cranberry Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03600	<i>Oligochaeta</i>	+			
04666	<i>Helobdella triserialis</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
05900	<i>Lirceus sp</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
13400	<i>Stenacron sp</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
43300	<i>Ranatra sp</i>	+			
45300	<i>Sigara sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
47600	<i>Sialis sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59570	<i>Oecetis nocturna</i>	+			
65800	<i>Berosus sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77355	<i>Clinotanytus pinguis</i>	+			
78655	<i>Procladius (Holotanytus) sp</i>	+			
81632	<i>Parakiefferiella n.sp 2</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85261	<i>Cladotanytarsus vanderwulpi group Type 1</i>	+			
85800	<i>Tanytarsus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
95907	<i>Gyraulus (Torquis) parvus</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 28
No. Qualitative Taxa: 28	ICI:
Number of Organisms: 0	Qual EPT: 6

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 09/07/2005 River Code: 04-164 RM: 12.90 Site: Cranberry Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	1 +	83051	<i>Dicrotendipes simpsoni</i>	14
01801	<i>Turbellaria</i>	127 +	83300	<i>Glyptotendipes (G.) sp</i>	43
03600	<i>Oligochaeta</i>	824 +	84210	<i>Paratendipes albimanus or P. duplicatus</i>	29
05900	<i>Lirceus sp</i>	48 +	84450	<i>Polypedilum (Uresipedilum) flavum</i>	14
06201	<i>Hyaella azteca</i>	2 +	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	100 +
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	84750	<i>Stictochironomus sp</i>	+
08601	<i>Hydrachnidia</i>	+	84960	<i>Pseudochironomus sp</i>	14
11130	<i>Baetis intercalaris</i>	+	85500	<i>Paratanytarsus sp</i>	14
11200	<i>Callibaetis sp</i>	+	85800	<i>Tanytarsus sp</i>	29 +
11651	<i>Procloeon sp (w/o hindwing pads)</i>	32	85821	<i>Tanytarsus glabrescens group sp 7</i>	201
11670	<i>Procloeon viridoculare</i>	+	85840	<i>Tanytarsus sepp</i>	+
13400	<i>Stenacron sp</i>	4 +	95100	<i>Physella sp</i>	3 +
16700	<i>Tricorythodes sp</i>	12	95907	<i>Gyraulus (Torquis) parvus</i>	10 +
17200	<i>Caenis sp</i>	49 +	96900	<i>Ferrissia sp</i>	+
21300	<i>Hetaerina sp</i>	+	98600	<i>Sphaerium sp</i>	9 +
22001	<i>Coenagrionidae</i>	2 +	99160	<i>Anodontoides ferussacianus</i>	+
22300	<i>Argia sp</i>	54			
45400	<i>Trichocorixa sp</i>	+	No. Quantitative Taxa: 40		Total Taxa: 60
47600	<i>Sialis sp</i>	+	No. Qualitative Taxa: 39		ICI: 30
50315	<i>Chimarra obscura</i>	+	Number of Organisms: 2801		Qual EPT: 10
52200	<i>Cheumatopsyche sp</i>	13 +			
52430	<i>Ceratopsyche morosa group</i>	+			
53800	<i>Hydroptila sp</i>	47			
58505	<i>Helicopsyche borealis</i>	100 +			
59410	<i>Nectopsyche diarina</i>	+			
60900	<i>Peltodytes sp</i>	+			
65501	<i>Hydrophilidae</i>	1			
65800	<i>Berosus sp</i>	20 +			
68300	<i>Cyphon sp</i>	+			
68708	<i>Dubiraphia vittata group</i>	11 +			
68901	<i>Macronychus glabratus</i>	1			
69400	<i>Stenelmis sp</i>	41 +			
77500	<i>Conchapelopia sp</i>	72			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	14			
77800	<i>Helopelopia sp</i>	29 +			
78130	<i>Labrundinia neopilosella</i>	+			
78450	<i>Nilotanytus fimbriatus</i>	14			
78655	<i>Procladius (Holotanytus) sp</i>	+			
80410	<i>Cricotopus (C.) sp</i>	14			
81632	<i>Parakiefferiella n.sp 2</i>	14			
82121	<i>Thienemanniella lobapodema</i>	14			
82730	<i>Chironomus (C.) decorus group</i>	43			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	718			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Collection Date: 09/07/2005 River Code: 04-164 RM: 7.80 Site: Cranberry Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	11 +	82885	<i>Cryptotendipes pseudotener</i>	+
03600	<i>Oligochaeta</i>	569 +	83003	<i>Dicrotendipes fumidus</i>	+
05900	<i>Lirceus sp</i>	+	83040	<i>Dicrotendipes neomodestus</i>	379 +
06201	<i>Hyalella azteca</i>	+	83158	<i>Endochironomus nigricans</i>	6
11020	<i>Acerpenna pygmaea</i>	9	83300	<i>Glyptotendipes (G.) sp</i>	11
11200	<i>Callibaetis sp</i>	+	84000	<i>Parachironomus sp</i>	6
11625	<i>Paracloeodes sp 3</i>	+	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	6
11651	<i>Procloeon sp (w/o hindwing pads)</i>	9	84960	<i>Pseudochironomus sp</i>	+
13400	<i>Stenacron sp</i>	23 +	85625	<i>Rheotanytarsus sp</i>	6
13521	<i>Stenonema femoratum</i>	2	85800	<i>Tanytarsus sp</i>	+
16700	<i>Tricorythodes sp</i>	3 +	85821	<i>Tanytarsus glabrescens group sp 7</i>	68
17200	<i>Caenis sp</i>	210 +	85840	<i>Tanytarsus sepp</i>	34 +
18100	<i>Anthopotamus sp</i>	+	87400	<i>Stratiomys sp</i>	+
21300	<i>Hetaerina sp</i>	3 +	95100	<i>Physella sp</i>	1 +
22001	<i>Coenagrionidae</i>	+	96900	<i>Ferrissia sp</i>	8
22300	<i>Argia sp</i>	8 +	98200	<i>Pisidium sp</i>	+
24900	<i>Gomphus sp</i>	+	98600	<i>Sphaerium sp</i>	2 +
28955	<i>Plathemis lydia</i>	+	99001	<i>Unionidae</i>	+
45100	<i>Palmacorixa sp</i>	+	99240	<i>Lasmigona complanata</i>	+
47600	<i>Sialis sp</i>	1	99860	<i>Lampsilis radiata luteola</i>	+
52200	<i>Cheumatopsyche sp</i>	+			
58505	<i>Helicopsyche borealis</i>	3 +	No. Quantitative Taxa: 33 Total Taxa: 64		
60900	<i>Peltodytes sp</i>	+	No. Qualitative Taxa: 47 ICI: 26		
63900	<i>Laccophilus sp</i>	+	Number of Organisms: 1561 Qual EPT: 8		
65800	<i>Berosus sp</i>	+			
67500	<i>Laccobius sp</i>	+			
68708	<i>Dubiraphia vittata group</i>	1 +			
68901	<i>Macronychus glabratus</i>	8			
69400	<i>Stenelmis sp</i>	67 +			
71200	<i>Limnophila sp</i>	+			
74501	<i>Ceratopogonidae</i>	32 +			
77120	<i>Ablabesmyia mallochi</i>	+			
77355	<i>Clinotanypus pinguis</i>	+			
77500	<i>Conchapelopia sp</i>	6			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	6 +			
79085	<i>Telopelopia okoboji</i>	28			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
80510	<i>Cricotopus (Isocladius) sylvestris group</i>	+			
81631	<i>Parakiefferiella n.sp 1</i>	6			
81632	<i>Parakiefferiella n.sp 2</i>	23			
82600	<i>Axarus sp</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	6			
82820	<i>Cryptochironomus sp</i>	+			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 09/07/2005 River Code: 04-164 RM: 1.80 Site: Cranberry Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	192	82820	<i>Cryptochironomus sp</i>	+
01801	<i>Turbellaria</i>	54 +	82885	<i>Cryptotendipes pseudotener</i>	+
02960	<i>Paragordius sp</i>	+	83040	<i>Dicrotendipes neomodestus</i>	214 +
03600	<i>Oligochaeta</i>	40	83840	<i>Microtendipes pedellus group</i>	36
04964	<i>Mooreobdella microstoma</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	36 +
05900	<i>Lirceus sp</i>	3 +	84460	<i>Polypedilum (P.) fallax group</i>	36
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	84470	<i>Polypedilum (P.) illinoense</i>	232 +
11020	<i>Acerpenna pygmaea</i>	49 +	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	71 +
11130	<i>Baetis intercalaris</i>	+	84960	<i>Pseudochironomus sp</i>	+
11650	<i>Procloeon sp (w/ hindwing pads)</i>	2	85230	<i>Cladotanytarsus mancus group</i>	18
11651	<i>Procloeon sp (w/o hindwing pads)</i>	1	85800	<i>Tanytarsus sp</i>	+
11670	<i>Procloeon viridoculare</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	802 +
12200	<i>Isonychia sp</i>	3 +	85840	<i>Tanytarsus sepp</i>	196
13000	<i>Leucrocuta sp</i>	1	87540	<i>Hemerodromia sp</i>	8
13400	<i>Stenacron sp</i>	136 +	95100	<i>Physella sp</i>	17 +
13570	<i>Maccaffertium terminatum</i>	9	97601	<i>Corbicula fluminea</i>	55 +
16700	<i>Tricorythodes sp</i>	312 +	98600	<i>Sphaerium sp</i>	+
17200	<i>Caenis sp</i>	112 +	99160	<i>Anodontoides ferussacianus</i>	+
18700	<i>Hexagenia sp</i>	+	99740	<i>Toxolasma parvus</i>	+
21300	<i>Hetaerina sp</i>	21 +			
22001	<i>Coenagrionidae</i>	2	No. Quantitative Taxa: 45		Total Taxa: 61
22300	<i>Argia sp</i>	56 +	No. Qualitative Taxa: 43		ICI: 46
51206	<i>Cyrnellus fraternus</i>	1	Number of Organisms: 3158		Qual EPT: 10
52200	<i>Cheumatopsyche sp</i>	44 +			
53800	<i>Hydroptila sp</i>	1 +			
60900	<i>Peltodytes sp</i>	+			
65800	<i>Berosus sp</i>	1 +			
68708	<i>Dubiraphia vittata group</i>	10 +			
68901	<i>Macronychus glabratus</i>	17 +			
69400	<i>Stenelmis sp</i>	18 +			
77120	<i>Ablabesmyia mallochi</i>	18 +			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	53 +			
77800	<i>Helopelopia sp</i>	18 +			
80360	<i>Corynoneura "celeripes" (sensu Simpson & Bode, 1980)</i>	12			
80370	<i>Corynoneura lobata</i>	76			
80410	<i>Cricotopus (C.) sp</i>	18			
80420	<i>Cricotopus (C.) bicinctus</i>	89 +			
80510	<i>Cricotopus (Isocladius) sylvestris group</i>	+			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	18			
81632	<i>Parakiefferiella n.sp 2</i>	18			
82130	<i>Thienemanniella similis</i>	+			
82141	<i>Thienemanniella xena</i>	32 +			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/05/2005 River Code: 04-165 RM: 0.70 Site: Pike Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03040	<i>Fredericella sp</i>	+			
03360	<i>Plumatella sp</i>	+			
03600	<i>Oligochaeta</i>	+			
05900	<i>Lirceus sp</i>	+			
45300	<i>Sigara sp</i>	+			
65800	<i>Berosus sp</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
78702	<i>Psectrotanypus dyari</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
92615	<i>Cipangopaludina japonica</i>	+			
95907	<i>Gyraulus (Torquis) parvus</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 14
No. Qualitative Taxa: 14	ICI:
Number of Organisms: 0	Qual EPT: 0

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/22/2005 River Code: 04-168 RM: 24.90 Site: Riley Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	+			
06201	<i>Hyalella azteca</i>	+			
08220	<i>Orconectes (Gremicambarus) immunis</i>	+			
23600	<i>Aeshna sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
63700	<i>Ilybius sp</i>	+			
68300	<i>Cyphon sp</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
72700	<i>Anopheles sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
83051	<i>Dicrotendipes simpsoni</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	+			
83330	<i>Glyptotendipes (G.) barbipes</i>	+			
95100	<i>Physella sp</i>	+			
96264	<i>Planorbella (Pierosoma) pilsbryi</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 18
No. Qualitative Taxa: 18	ICI:
Number of Organisms: 0	Qual EPT: 0

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/22/2005 River Code: 04-168 RM: 22.00 Site: Riley Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	+			
05900	<i>Lirceus sp</i>	+			
06201	<i>Hyalella azteca</i>	+			
06700	<i>Crangonyx sp</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
13521	<i>Stenonema femoratum</i>	+			
22001	<i>Coenagrionidae</i>	+			
27500	<i>Somatochlora sp</i>	+			
45100	<i>Palmacorixa sp</i>	+			
45300	<i>Sigara sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
68300	<i>Cyphon sp</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84750	<i>Stictochironomus sp</i>	+			
95100	<i>Physella sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 20
No. Qualitative Taxa: 20	ICI:
Number of Organisms: 0	Qual EPT: 1

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Collection Date: 09/06/2005 River Code: 04-168 RM: 19.50 Site: Riley Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00653	<i>Eunapius fragilis</i>	+	96900	<i>Ferrissia sp</i>	48
01320	<i>Hydra sp</i>	29	98200	<i>Pisidium sp</i>	+
01801	<i>Turbellaria</i>	232 +	98600	<i>Sphaerium sp</i>	+
03040	<i>Fredericella sp</i>	+			
03600	<i>Oligochaeta</i>	1440 +	No. Quantitative Taxa: 27		Total Taxa: 47
05900	<i>Lirceus sp</i>	+	No. Qualitative Taxa: 34		ICI: 24
06201	<i>Hyaella azteca</i>	3 +	Number of Organisms: 4020		Qual EPT: 8
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
11200	<i>Callibaetis sp</i>	+			
11670	<i>Procloeon viridoculare</i>	+			
13400	<i>Stenacron sp</i>	8 +			
13521	<i>Stenonema femoratum</i>	5 +			
13561	<i>Maccaffertium pulchellum</i>	1			
17200	<i>Caenis sp</i>	92 +			
22001	<i>Coenagrionidae</i>	2 +			
22300	<i>Argia sp</i>	17 +			
45100	<i>Palmacorixa sp</i>	+			
47600	<i>Sialis sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	9 +			
54300	<i>Oxyethira sp</i>	9			
58505	<i>Helicopsyche borealis</i>	+			
60900	<i>Peltodytes sp</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	37 +			
77001	<i>Tanyptodinae</i>	23			
78140	<i>Labrundinia pilosella</i>	23			
79100	<i>Thienemannimyia group</i>	23			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	136			
83158	<i>Endochironomus nigricans</i>	45 +			
83300	<i>Glyptotendipes (G.) sp</i>	1111 +			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	68			
84020	<i>Parachironomus carinatus</i>	91			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	23			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	23 +			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
84750	<i>Stictochironomus sp</i>	+			
84960	<i>Pseudochironomus sp</i>	+			
85500	<i>Paratanytarsus sp</i>	23			
85821	<i>Tanytarsus glabrescens group sp 7</i>	340			
85840	<i>Tanytarsus sepp</i>	159 +			
95100	<i>Physella sp</i>	+			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 09/06/2005 River Code: 04-168 RM: 15.50 Site: Riley Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00653	<i>Eunapius fragilis</i>	+			
01801	<i>Turbellaria</i>	+			
03600	<i>Oligochaeta</i>	+			
06201	<i>Hyalella azteca</i>	+			
11130	<i>Baetis intercalaris</i>	+			
13400	<i>Stenacron sp</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
50315	<i>Chimarra obscura</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52430	<i>Ceratopsyche morosa group</i>	+			
59970	<i>Petrophila sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
65800	<i>Berosus sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68300	<i>Cyphon sp</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
69400	<i>Stenelmis sp</i>	+			
77500	<i>Conchapelopia sp</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
80370	<i>Corynoneura lobata</i>	+			
82121	<i>Thienemanniella lobapodema</i>	+			
82141	<i>Thienemanniella xena</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
82885	<i>Cryptotendipes pseudotener</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84750	<i>Stictochironomus sp</i>	+			
84960	<i>Pseudochironomus sp</i>	+			
85230	<i>Cladotanytarsus mancus group</i>	+			
85840	<i>Tanytarsus sepp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 37

No. Qualitative Taxa: 37 ICI:

Number of Organisms: 0 Qual EPT: 7

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Collection Date: 09/06/2005 River Code: 04-168 RM: 14.40 Site: Riley Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	16	84460	<i>Polypedilum (P.) fallax group</i>	20
01801	<i>Turbellaria</i>	108 +	84470	<i>Polypedilum (P.) illinoense</i>	80
03360	<i>Plumatella sp</i>	5 +	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+
03600	<i>Oligochaeta</i>	1321 +	84750	<i>Stictochironomus sp</i>	+
06201	<i>Hyaella azteca</i>	+	84960	<i>Pseudochironomus sp</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	1	85230	<i>Cladotanytarsus mancus group</i>	+
08601	<i>Hydrachnidia</i>	+	85500	<i>Paratanytarsus sp</i>	20
11120	<i>Baetis flavistriga</i>	21 +	85625	<i>Rheotanytarsus sp</i>	20
11130	<i>Baetis intercalaris</i>	306	85800	<i>Tanytarsus sp</i>	20
13400	<i>Stenacron sp</i>	17 +	85821	<i>Tanytarsus glabrescens group sp 7</i>	738 +
16700	<i>Tricorythodes sp</i>	8	85840	<i>Tanytarsus sepp</i>	119 +
17200	<i>Caenis sp</i>	913 +	95100	<i>Physella sp</i>	+
21200	<i>Calopteryx sp</i>	1 +	96900	<i>Ferrissia sp</i>	9 +
21300	<i>Hetaerina sp</i>	23 +	96930	<i>Laevapex fuscus</i>	+
22001	<i>Coenagrionidae</i>	1 +			
22300	<i>Argia sp</i>	193 +	No. Quantitative Taxa: 42		Total Taxa: 57
24900	<i>Gomphus sp</i>	+	No. Qualitative Taxa: 39		ICI: 32
43300	<i>Ranatra sp</i>	+	Number of Organisms: 6449		Qual EPT: 6
44501	<i>Corixidae</i>	+			
47600	<i>Sialis sp</i>	1 +			
50315	<i>Chimarra obscura</i>	8			
52200	<i>Cheumatopsyche sp</i>	451 +			
52430	<i>Ceratopsyche morosa group</i>	37			
52530	<i>Hydropsyche depravata group</i>	1 +			
53800	<i>Hydroptila sp</i>	57			
58505	<i>Helicopsyche borealis</i>	+			
59970	<i>Petrophila sp</i>	+			
65800	<i>Berosus sp</i>	1 +			
68075	<i>Psephenus herricki</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	8 +			
69400	<i>Stenelmis sp</i>	29 +			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	20 +			
80370	<i>Corynoneura lobata</i>	28			
81240	<i>Nanocladius (N.) distinctus</i>	40			
82141	<i>Thienemanniella xena</i>	234 +			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	538 +			
83300	<i>Glyptotendipes (G.) sp</i>	418			
83310	<i>Glyptotendipes (Heynotendipes) amplus</i>	60 +			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	20			
83840	<i>Microtendipes pedellus group</i>	20			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	40			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	478 +			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 09/06/2005 River Code: 04-168 RM: 7.40 Site: Riley Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	208 +	85625	<i>Rheotanytarsus sp</i>	41
03040	<i>Fredericella sp</i>	1	85821	<i>Tanytarsus glabrescens group sp 7</i>	165
03360	<i>Plumatella sp</i>	+	85840	<i>Tanytarsus sepp</i>	21
03600	<i>Oligochaeta</i>	504 +	93200	<i>Hydrobiidae</i>	2 +
04666	<i>Helobdella triserialis</i>	+	93900	<i>Elimia sp</i>	4 +
04935	<i>Erpobdella punctata punctata</i>	+	95100	<i>Physella sp</i>	+
06201	<i>Hyaella azteca</i>	32 +	96930	<i>Laevapex fuscus</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	98600	<i>Sphaerium sp</i>	+
11120	<i>Baetis flavistriga</i>	11 +			
11130	<i>Baetis intercalaris</i>	42 +	No. Quantitative Taxa: 34		Total Taxa: 52
11200	<i>Callibaetis sp</i>	4 +	No. Qualitative Taxa: 37		ICI: 26
13400	<i>Stenacron sp</i>	73 +	Number of Organisms: 3737		Qual EPT: 9
17200	<i>Caenis sp</i>	58 +			
21300	<i>Hetaerina sp</i>	+			
22001	<i>Coenagrionidae</i>	2 +			
22300	<i>Argia sp</i>	21 +			
28208	<i>Erythemis simplicicollis</i>	+			
28955	<i>Plathemis lydia</i>	+			
44300	<i>Pelocoris sp</i>	+			
50315	<i>Chimarra obscura</i>	8 +			
52200	<i>Cheumatopsyche sp</i>	55 +			
52430	<i>Ceratopsyche morosa group</i>	1 +			
53800	<i>Hydroptila sp</i>	103 +			
59970	<i>Petrophila sp</i>	6 +			
65800	<i>Berosus sp</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
74501	<i>Ceratopogonidae</i>	8			
78600	<i>Pentaneura inconspicua</i>	+			
79000	<i>Tanytus sp</i>	+			
80370	<i>Corynoneura lobata</i>	164			
80410	<i>Cricotopus (C.) sp</i>	21			
80420	<i>Cricotopus (C.) bicinctus</i>	21			
81240	<i>Nanocladius (N.) distinctus</i>	83			
81270	<i>Nanocladius (N.) spiniplenus</i>	21			
81650	<i>Parametriocnemus sp</i>	21			
82101	<i>Thienemanniella taurocapita</i>	86			
82121	<i>Thienemanniella lobapodema</i>	69			
82141	<i>Thienemanniella xena</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	1343 +			
83300	<i>Glyptotendipes (G.) sp</i>	207			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	21			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	310 +			
84960	<i>Pseudochironomus sp</i>	+			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 09/07/2005 River Code: 04-168 RM: 4.40 Site: Riley Creek Co. Rd. 6

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	49			
01801	<i>Turbellaria</i>	82 +	No. Quantitative Taxa: 22		Total Taxa: 43
03040	<i>Fredericella sp</i>	1 +	No. Qualitative Taxa: 37		ICI: 22
03360	<i>Plumatella sp</i>	+	Number of Organisms: 22898		Qual EPT: 7
03451	<i>Urnatella gracilis</i>	8			
03600	<i>Oligochaeta</i>	2064 +			
04666	<i>Helobdella triserialis</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
06201	<i>Hyaella azteca</i>	+			
11130	<i>Baetis intercalaris</i>	19 +			
11200	<i>Callibaetis sp</i>	+			
13400	<i>Stenacron sp</i>	160 +			
17200	<i>Caenis sp</i>	72			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	2 +			
43300	<i>Ranatra sp</i>	+			
45100	<i>Palmacorixa sp</i>	+			
47600	<i>Sialis sp</i>	+			
50315	<i>Chimarra obscura</i>	10 +			
52200	<i>Cheumatopsyche sp</i>	495 +			
52430	<i>Ceratopsyche morosa group</i>	16 +			
53800	<i>Hydroptila sp</i>	278 +			
59970	<i>Petrophila sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
65800	<i>Berosus sp</i>	+			
69400	<i>Stenelmis sp</i>	55 +			
77100	<i>Ablabesmyia sp</i>	+			
82121	<i>Thienemanniella lobapodema</i>	32			
82130	<i>Thienemanniella similis</i>	32 +			
82141	<i>Thienemanniella xena</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	363 +			
83051	<i>Dicrotendipes simpsoni</i>	1272			
83158	<i>Endochironomus nigricans</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	16795 +			
84030	<i>Parachironomus directus</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	363 +			
85615	<i>Rheotanytarsus pellucidus</i>	+			
85625	<i>Rheotanytarsus sp</i>	727 +			
85800	<i>Tanytarsus sp</i>	+			
93200	<i>Hydrobiidae</i>	+			
95100	<i>Physella sp</i>	+			
96900	<i>Ferrissia sp</i>	3			
96930	<i>Laevapex fuscus</i>	+			

Ohio EPA/DW Ecological Assessment Section
Macroinvertebrate Collection

Collection Date: 09/07/2005 River Code: 04-168 RM: 1.20 Site: Riley Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00653	<i>Eunapius fragilis</i>	+	96930	<i>Laevapex fuscus</i>	3 +
01801	<i>Turbellaria</i>	50 +	97601	<i>Corbicula fluminea</i>	+
03040	<i>Fredericella sp</i>	3	98600	<i>Sphaerium sp</i>	+
03600	<i>Oligochaeta</i>	72 +	99860	<i>Lampsilis radiata luteola</i>	+
05900	<i>Lirceus sp</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	No. Quantitative Taxa: 34		Total Taxa: 48
11120	<i>Baetis flavistriga</i>	2 +	No. Qualitative Taxa: 31		ICI: 40
11130	<i>Baetis intercalaris</i>	371 +	Number of Organisms: 2407		Qual EPT: 8
11200	<i>Callibaetis sp</i>	+			
13000	<i>Leucrocuta sp</i>	1 +			
13400	<i>Stenacron sp</i>	552 +			
13561	<i>Maccaffertium pulchellum</i>	10			
13570	<i>Maccaffertium terminatum</i>	10 +			
16700	<i>Tricorythodes sp</i>	9			
21200	<i>Calopteryx sp</i>	3			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	55 +			
47600	<i>Sialis sp</i>	+			
50315	<i>Chimarra obscura</i>	70 +			
51206	<i>Cyrnellus fraternus</i>	2			
52200	<i>Cheumatopsyche sp</i>	232 +			
53501	<i>Hydroptilidae</i>	1			
59970	<i>Petrophila sp</i>	+			
68901	<i>Macronychus glabratus</i>	1 +			
69400	<i>Stenelmis sp</i>	36 +			
77500	<i>Conchapelopia sp</i>	8			
78655	<i>Procladius (Holotanypus) sp</i>	+			
80370	<i>Corynoneura lobata</i>	83 +			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	8			
82141	<i>Thienemanniella xena</i>	50			
83040	<i>Dicrotendipes neomodestus</i>	8			
83300	<i>Glyptotendipes (G.) sp</i>	405			
84020	<i>Parachironomus carinatus</i>	8			
84030	<i>Parachironomus directus</i>	8			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	228 +			
84490	<i>Polypedilum (Cerobregma) ontario</i>	8			
84790	<i>Tribelos fuscicorne</i>	8			
84960	<i>Pseudochironomus sp</i>	+			
85800	<i>Tanytarsus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	23			
85840	<i>Tanytarsus sepp</i>	16			
93200	<i>Hydrobiidae</i>	3 +			
93900	<i>Elimia sp</i>	60 +			
95100	<i>Physella sp</i>	+			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/21/2005 River Code: 04-169 RM: 6.70 Site: Cranberry Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03360	<i>Plumatella sp</i>	+			
03600	<i>Oligochaeta</i>	+			
04686	<i>Placobdella papillifera</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
04964	<i>Mooreobdella microstoma</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
11120	<i>Baetis flavistriga</i>	+			
13400	<i>Stenacron sp</i>	+			
17200	<i>Caenis sp</i>	+			
21200	<i>Calopteryx sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
45100	<i>Palmacorixa sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
65800	<i>Berosus sp</i>	+			
67700	<i>Paracymus sp</i>	+			
68702	<i>Dubiraphia bivittata</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
77355	<i>Clinotanytus pinguis</i>	+			
77500	<i>Conchapelopia sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
78655	<i>Procladius (Holotanytus) sp</i>	+			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
86100	<i>Chrysops sp</i>	+			
95100	<i>Physella sp</i>	+			
96264	<i>Planorbella (Pierosoma) pilsbryi</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 33
 No. Qualitative Taxa: 33 ICI:
 Number of Organisms: 0 Qual EPT: 5

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Collection Date: 07/06/2005 River Code: 04-169 RM: 1.20 Site: Cranberry Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	95907	<i>Gyraulus (Torquis) parvus</i>	+
03360	<i>Plumatella sp</i>	+	96002	<i>Helisoma anceps anceps</i>	+
04935	<i>Erpobdella punctata punctata</i>	+	98200	<i>Pisidium sp</i>	+
05900	<i>Lirceus sp</i>	+	98600	<i>Sphaerium sp</i>	+
08220	<i>Orconectes (Gremicambarus) immunis</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	No. Quantitative Taxa: 0	Total Taxa: 48	
08601	<i>Hydrachnidia</i>	+	No. Qualitative Taxa: 48	ICI:	
11120	<i>Baetis flavistriga</i>	+	Number of Organisms: 0	Qual EPT: 9	
11651	<i>Proclaeon sp (w/o hindwing pads)</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
21300	<i>Hetaerina sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
23909	<i>Boyeria vinosa</i>	+			
42700	<i>Belostoma sp</i>	+			
45100	<i>Palmacorixa sp</i>	+			
47600	<i>Sialis sp</i>	+			
50315	<i>Chimarra obscura</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
59728	<i>Triaenodes marginatus</i>	+			
63300	<i>Hydroporus sp</i>	+			
65800	<i>Berosus sp</i>	+			
66500	<i>Enochrus sp</i>	+			
68702	<i>Dubiraphia bivittata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
74100	<i>Simulium sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77800	<i>Helopelopia sp</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
78680	<i>Procladius (Psilotanypus) bellus</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84300	<i>Phaenopsectra obediens group</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
93200	<i>Hydrobiidae</i>	+			
95100	<i>Physella sp</i>	+			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Collection Date: 07/22/2005 River Code: 04-170 RM: 5.40 Site: Little Riley Creek (lower)

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	+			
04664	<i>Helobdella stagnalis</i>	+			
04666	<i>Helobdella triserialis</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
11200	<i>Callibaetis sp</i>	+			
17200	<i>Caenis sp</i>	+			
21200	<i>Calopteryx sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
23600	<i>Aeshna sp</i>	+			
45300	<i>Sigara sp</i>	+			
47600	<i>Sialis sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
60300	<i>Dineutus sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
65800	<i>Berosus sp</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
74100	<i>Simulium sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77500	<i>Conchapelopia sp</i>	+			
78350	<i>Meropelopia sp</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
80430	<i>Cricotopus (C.) tremulus group</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
95100	<i>Physella sp</i>	+			
96110	<i>Menetus (Micromenetus) brogniartianus</i>	+			
98200	<i>Pisidium sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 40
 No. Qualitative Taxa: 40 ICI:
 Number of Organisms: 0 Qual EPT: 4

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/22/2005 River Code: 04-170 RM: 4.20 Site: Little Riley Creek (lower)

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03600	<i>Oligochaeta</i>	+			
05900	<i>Lirceus sp</i>	+			
06201	<i>Hyalella azteca</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
13400	<i>Stenacron sp</i>	+			
17200	<i>Caenis sp</i>	+			
21200	<i>Calopteryx sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
27500	<i>Somatochlora sp</i>	+			
44501	<i>Corixidae</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
77500	<i>Conchapelopia sp</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
95100	<i>Physella sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 30
 No. Qualitative Taxa: 30 ICI:
 Number of Organisms: 0 Qual EPT: 3

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/21/2005 River Code: 04-170 RM: 0.10 Site: Little Riley Creek (lower)

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03600	<i>Oligochaeta</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
05900	<i>Lirceus sp</i>	+			
06201	<i>Hyalella azteca</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
23600	<i>Aeshna sp</i>	+			
27500	<i>Somatochlora sp</i>	+			
45300	<i>Sigara sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
62200	<i>Copelatus sp</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
84750	<i>Stictochironomus sp</i>	+			
95100	<i>Physella sp</i>	+			
98200	<i>Pisidium sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 21
No. Qualitative Taxa: 21	ICI:
Number of Organisms: 0	Qual EPT: 1

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/22/2005 River Code: 04-173 RM: 1.70 Site: Marsh Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03600	<i>Oligochaeta</i>	+			
04664	<i>Helobdella stagnalis</i>	+			
04666	<i>Helobdella triserialis</i>	+			
05900	<i>Lirceus sp</i>	+			
06201	<i>Hyalella azteca</i>	+			
08220	<i>Orconectes (Gremicambarus) immunis</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
23704	<i>Anax junius</i>	+			
42700	<i>Belostoma sp</i>	+			
45300	<i>Sigara sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
59570	<i>Oecetis nocturna</i>	+			
65800	<i>Berosus sp</i>	+			
67700	<i>Paracymus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
68702	<i>Dubiraphia bivittata</i>	+			
77500	<i>Conchapelopia sp</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
80410	<i>Cricotopus (C.) sp</i>	+			
80510	<i>Cricotopus (Isocladius) sylvestris group</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
87400	<i>Stratiomys sp</i>	+			
95100	<i>Physella sp</i>	+			
96264	<i>Planorbella (Pierosoma) pilsbryi</i>	+			
96900	<i>Ferrissia sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 35
 No. Qualitative Taxa: 35 ICI:
 Number of Organisms: 0 Qual EPT: 2

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/22/2005 River Code: 04-174 RM: 2.60 Site: Little Riley Creek (upper)

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	+			
04685	<i>Placobdella ornata</i>	+			
06201	<i>Hyaella azteca</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
11120	<i>Baetis flavistriga</i>	+			
11130	<i>Baetis intercalaris</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
23909	<i>Boyeria vinosa</i>	+			
28955	<i>Plathemis lydia</i>	+			
30000	<i>Plecoptera</i>	+			
42700	<i>Belostoma sp</i>	+			
45000	<i>Hesperocorixa sp</i>	+			
45300	<i>Sigara sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
47600	<i>Sialis sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53501	<i>Hydroptilidae</i>	+			
60900	<i>Peltodytes sp</i>	+			
63900	<i>Laccophilus sp</i>	+			
65800	<i>Berosus sp</i>	+			
67500	<i>Laccobius sp</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
77355	<i>Clinotanypus pinguis</i>	+			
77500	<i>Conchapelopia sp</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	+			
77800	<i>Helopelopia sp</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
86100	<i>Chrysops sp</i>	+			
95100	<i>Physella sp</i>	+			
98200	<i>Pisidium sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/22/2005 River Code: 04-174 RM: 1.00 Site: Little Riley Creek (upper)

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	+			
05900	<i>Lirceus sp</i>	+			
07701	<i>Cambaridae</i>	+			
11120	<i>Baetis flavistriga</i>	+			
11130	<i>Baetis intercalaris</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
45300	<i>Sigara sp</i>	+			
47600	<i>Sialis sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
59500	<i>Oecetis sp</i>	+			
60400	<i>Gyrinus sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
68300	<i>Cyphon sp</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69400	<i>Stenelmis sp</i>	+			
71700	<i>Pilaria sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
95100	<i>Physella sp</i>	+			
98600	<i>Sphaerium sp</i>	+			
99180	<i>Strophitus undulatus undulatus</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 26
No. Qualitative Taxa: 26	ICI:
Number of Organisms: 0	Qual EPT: 7

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/06/2005 River Code: 04-177 RM: 5.80 Site: Dutch Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+	No. Quantitative Taxa: 0		Total Taxa: 40
08220	<i>Orconectes (Gremicambarus) immunis</i>	+	No. Qualitative Taxa: 40		ICI:
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	Number of Organisms: 0		Qual EPT: 8
08601	<i>Hydrachnidia</i>	+			
11200	<i>Callibaetis sp</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
18750	<i>Hexagenia limbata</i>	+			
21300	<i>Hetaerina sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
28500	<i>Libellula sp</i>	+			
42700	<i>Belostoma sp</i>	+			
45300	<i>Sigara sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
53501	<i>Hydroptilidae</i>	+			
59570	<i>Oecetis nocturna</i>	+			
65800	<i>Berosus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
69400	<i>Stenelmis sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77800	<i>Helopelopia sp</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
79020	<i>Tanypus neopunctipennis</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85230	<i>Cladotanytarsus mancus group</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
93200	<i>Hydrobiidae</i>	+			
95907	<i>Gyraulus (Torquis) parvus</i>	+			
96264	<i>Planorbella (Pierosoma) pilsbryi</i>	+			
98200	<i>Pisidium sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Collection Date: 07/06/2005 River Code: 04-177 RM: 2.70 Site: Dutch Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	98600	<i>Sphaerium sp</i>	+
03600	<i>Oligochaeta</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+	No. Quantitative Taxa: 0		Total Taxa: 45
05900	<i>Lirceus sp</i>	+	No. Qualitative Taxa: 45		ICI:
08220	<i>Orconectes (Gremicambarus) immunis</i>	+	Number of Organisms: 0		Qual EPT: 12
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
08601	<i>Hydrachnidia</i>	+			
11020	<i>Acerpenna pygmaea</i>	+			
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+			
12200	<i>Isonychia sp</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
23704	<i>Anax junius</i>	+			
24900	<i>Gomphus sp</i>	+			
45300	<i>Sigara sp</i>	+			
47600	<i>Sialis sp</i>	+			
50315	<i>Chimarra obscura</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52430	<i>Ceratopsyche morosa group</i>	+			
57400	<i>Neophylax sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59570	<i>Oecetis nocturna</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
65800	<i>Berosus sp</i>	+			
66500	<i>Enochrus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
72340	<i>Dixella sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77800	<i>Helopelopia sp</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
85230	<i>Cladotanytarsus mancus group</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
85840	<i>Tanytarsus sepp</i>	+			
95100	<i>Physella sp</i>	+			
96264	<i>Planorbella (Pierosoma) pilsbryi</i>	+			
98200	<i>Pisidium sp</i>	+			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/06/2005 River Code: 04-179 RM: 1.90 Site: Dukes Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03600	<i>Oligochaeta</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
05900	<i>Lirceus sp</i>	+			
06201	<i>Hyaella azteca</i>	+			
07800	<i>Cambarus sp</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
08601	<i>Hydrachnidia</i>	+			
11651	<i>Procloeon sp (w/o hindwing pads)</i>	+			
13400	<i>Stenacron sp</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
24900	<i>Gomphus sp</i>	+			
45300	<i>Sigara sp</i>	+			
47600	<i>Sialis sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
60400	<i>Gyrinus sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
65800	<i>Berosus sp</i>	+			
66500	<i>Enochrus sp</i>	+			
67000	<i>Helophorus sp</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	+			
81632	<i>Parakiefferiella n.sp 2</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
82885	<i>Cryptotendipes pseudotener</i>	+			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+			
95100	<i>Physella sp</i>	+			
96900	<i>Ferrissia sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 34
 No. Qualitative Taxa: 34 ICI:
 Number of Organisms: 0 Qual EPT: 5

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/06/2005 River Code: 04-179 RM: 1.10 Site: Dukes Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03600	<i>Oligochaeta</i>	+			
05900	<i>Lirceus sp</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
08601	<i>Hydrachnidia</i>	+			
11120	<i>Baetis flavistriga</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
22300	<i>Argia sp</i>	+			
23909	<i>Boyeria vinosa</i>	+			
24900	<i>Gomphus sp</i>	+			
45100	<i>Palmacorixa sp</i>	+			
47600	<i>Sialis sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53800	<i>Hydroptila sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59400	<i>Nectopsyche sp</i>	+			
59570	<i>Oecetis nocturna</i>	+			
59728	<i>Triaenodes marginatus</i>	+			
60400	<i>Gyrinus sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
65800	<i>Berosus sp</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77800	<i>Helopelopia sp</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84300	<i>Phaenopsectra obediens group</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
84750	<i>Stictochironomus sp</i>	+			
95100	<i>Physella sp</i>	+			
98200	<i>Pisidium sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/06/2005 River Code: 04-180 RM: 0.10 Site: Cartwright Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
05900	<i>Lirceus sp</i>	+			
07800	<i>Cambarus sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
18750	<i>Hexagenia limbata</i>	+			
23600	<i>Aeshna sp</i>	+			
45300	<i>Sigara sp</i>	+			
47600	<i>Sialis sp</i>	+			
50315	<i>Chimarra obscura</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59300	<i>Mystacides sp</i>	+			
59500	<i>Oecetis sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
65800	<i>Berosus sp</i>	+			
67000	<i>Helophorus sp</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
78200	<i>Larsia sp</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
95100	<i>Physella sp</i>	+			
95907	<i>Gyraulus (Torquis) parvus</i>	+			
96264	<i>Planorbella (Pierosoma) pilsbryi</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 29
No. Qualitative Taxa: 29	ICI:
Number of Organisms: 0	Qual EPT: 8

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/06/2005 River Code: 04-182 RM: 2.40 Site: Moffitt Ditch

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	+			
04664	<i>Helobdella stagnalis</i>	+			
04686	<i>Placobdella papillifera</i>	+			
08220	<i>Orconectes (Gremicambarus) immunis</i>	+			
11200	<i>Callibaetis sp</i>	+			
17200	<i>Caenis sp</i>	+			
18750	<i>Hexagenia limbata</i>	+			
22001	<i>Coenagrionidae</i>	+			
23600	<i>Aeshna sp</i>	+			
28955	<i>Plathemis lydia</i>	+			
45300	<i>Sigara sp</i>	+			
59570	<i>Oecetis nocturna</i>	+			
60900	<i>Peltodytes sp</i>	+			
61400	<i>Agabus sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
63900	<i>Laccophilus sp</i>	+			
65700	<i>Anacaena sp</i>	+			
65800	<i>Berosus sp</i>	+			
68702	<i>Dubiraphia bivittata</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
77355	<i>Clinotanytus pinguis</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
82885	<i>Cryptotendipes pseudotener</i>	+			
84300	<i>Phaenopsectra obediens group</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84750	<i>Stictochironomus sp</i>	+			
94800	<i>Stagnicola sp</i>	+			
95100	<i>Physella sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 30
 No. Qualitative Taxa: 30 ICI:
 Number of Organisms: 0 Qual EPT: 4

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/06/2005 River Code: 04-182 RM: 0.50 Site: Moffitt Ditch

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
04664	<i>Helobdella stagnalis</i>	+	<hr/> No. Quantitative Taxa: 0 Total Taxa: 42 No. Qualitative Taxa: 42 ICI: Number of Organisms: 0 Qual EPT: 9		
04666	<i>Helobdella triserialis</i>	+			
05900	<i>Lirceus sp</i>	+			
08220	<i>Orconectes (Gremicambarus) immunis</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
08601	<i>Hydrachnidia</i>	+			
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+			
13000	<i>Leucrocuta sp</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
23600	<i>Aeshna sp</i>	+			
23704	<i>Anax junius</i>	+			
42700	<i>Belostoma sp</i>	+			
45300	<i>Sigara sp</i>	+			
51400	<i>Nyctiophylax sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
59410	<i>Nectopsyche diarina</i>	+			
59970	<i>Petrophila sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
65800	<i>Berosus sp</i>	+			
67000	<i>Helophorus sp</i>	+			
68702	<i>Dubiraphia bivittata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
74100	<i>Simulium sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77120	<i>Ablabesmyia mallochii</i>	+			
77500	<i>Conchapelopia sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+			
84300	<i>Phaenopsectra obediens group</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85840	<i>Tanytarsus sepp</i>	+			
95100	<i>Physella sp</i>	+			
95907	<i>Gyraulus (Torquis) parvus</i>	+			
98600	<i>Sphaerium sp</i>	+			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/02/2005 River Code: 04-183 RM: 18.50 Site: Ottawa Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	96900	<i>Ferrissia sp</i>	+
06201	<i>Hyalella azteca</i>	+	98600	<i>Sphaerium sp</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
08601	<i>Hydrachnidia</i>	+	No. Quantitative Taxa: 0		Total Taxa: 46
11120	<i>Baetis flavistriga</i>	+	No. Qualitative Taxa: 46		ICI:
11130	<i>Baetis intercalaris</i>	+	Number of Organisms: 0		Qual EPT: 13
11200	<i>Callibaetis sp</i>	+			
13000	<i>Leucrocuta sp</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
21200	<i>Calopteryx sp</i>	+			
23600	<i>Aeshna sp</i>	+			
23909	<i>Boyeria vinosa</i>	+			
45100	<i>Palmacorixa sp</i>	+			
45300	<i>Sigara sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
47600	<i>Sialis sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53501	<i>Hydroptilidae</i>	+			
57400	<i>Neophylax sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59570	<i>Oecetis nocturna</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
65800	<i>Berosus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77800	<i>Helopelopia sp</i>	+			
83003	<i>Dicrotendipes fumidus</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84210	<i>Paratendipes albimanus</i> or <i>P. duplicatus</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84480	<i>Polypedilum (P.) laetum group</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
87400	<i>Stratiomys sp</i>	+			
95100	<i>Physella sp</i>	+			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Collection Date: 08/01/2005 River Code: 04-183 RM: 14.70 Site: Ottawa Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	84750	<i>Stictochironomus sp</i>	+
03360	<i>Plumatella sp</i>	+	85625	<i>Rheotanytarsus sp</i>	+
03600	<i>Oligochaeta</i>	+	87540	<i>Hemerodromia sp</i>	+
04685	<i>Placobdella ornata</i>	+	95100	<i>Physella sp</i>	+
05900	<i>Lirceus sp</i>	+	96900	<i>Ferrissia sp</i>	+
06201	<i>Hyalella azteca</i>	+	98200	<i>Pisidium sp</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	98600	<i>Sphaerium sp</i>	+
08601	<i>Hydrachnidia</i>	+	99100	<i>Pyganodon grandis</i>	+
11120	<i>Baetis flavistriga</i>	+			
11130	<i>Baetis intercalaris</i>	+	No. Quantitative Taxa: 0		Total Taxa: 52
11200	<i>Callibaetis sp</i>	+	No. Qualitative Taxa: 52		ICI:
11651	<i>Procloeon sp (w/o hindwing pads)</i>	+	Number of Organisms: 0		Qual EPT: 10
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
18750	<i>Hexagenia limbata</i>	+			
21200	<i>Calopteryx sp</i>	+			
23600	<i>Aeshna sp</i>	+			
23909	<i>Boyeria vinosa</i>	+			
24900	<i>Gomphus sp</i>	+			
45300	<i>Sigara sp</i>	+			
47600	<i>Sialis sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
53800	<i>Hydroptila sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
60400	<i>Gyrinus sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
65800	<i>Berosus sp</i>	+			
67500	<i>Laccobius sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68300	<i>Cyphon sp</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
77500	<i>Conchapelopia sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
80370	<i>Corynoneura lobata</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84480	<i>Polypedilum (P.) laetum group</i>	+			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/30/2005 River Code: 04-183 RM: 10.10 Site: Ottawa Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	16	84480	<i>Polypedilum (P.) laetum group</i>	+
01801	<i>Turbellaria</i>	2 +	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+
03360	<i>Plumatella sp</i>	1 +	85500	<i>Paratanytarsus sp</i>	19
03600	<i>Oligochaeta</i>	20	85720	<i>Stempellinella n.sp nr. flavidula</i>	9
05800	<i>Caecidotea sp</i>	+	85800	<i>Tanytarsus sp</i>	9
07875	<i>Cambarus (Tubericambarus) sp A</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	74
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	85840	<i>Tanytarsus sepp</i>	28
08601	<i>Hydrachnidia</i>	+	95100	<i>Physella sp</i>	+
11120	<i>Baetis flavistriga</i>	+	96900	<i>Ferrissia sp</i>	12
13400	<i>Stenacron sp</i>	110 +	98600	<i>Sphaerium sp</i>	+
13521	<i>Stenonema femoratum</i>	6			
17200	<i>Caenis sp</i>	8	No. Quantitative Taxa: 29		Total Taxa: 54
21200	<i>Calopteryx sp</i>	8 +	No. Qualitative Taxa: 35		ICI: 24
22001	<i>Coenagrionidae</i>	+	Number of Organisms: 1272		Qual EPT: 6
22300	<i>Argia sp</i>	16 +			
23600	<i>Aeshna sp</i>	+			
23909	<i>Boyeria vinosa</i>	+			
47600	<i>Sialis sp</i>	+			
51400	<i>Nyctiophylax sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	3 +			
58505	<i>Helicopsyche borealis</i>	+			
63300	<i>Hydroporus sp</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	2 +			
69400	<i>Stenelmis sp</i>	+			
71300	<i>Limonia sp</i>	+			
71900	<i>Tipula sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	28 +			
77500	<i>Conchapelopia sp</i>	19 +			
77800	<i>Helopelopia sp</i>	+			
78140	<i>Labrundinia pilosella</i>	9			
78655	<i>Procladius (Holotanypus) sp</i>	9			
80370	<i>Corynoneura lobata</i>	12			
83040	<i>Dicrotendipes neomodestus</i>	28			
83300	<i>Glyptotendipes (G.) sp</i>	9			
83840	<i>Microtendipes pedellus group</i>	408			
83900	<i>Nilothauma sp</i>	9			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	315 +			
84300	<i>Phaenopsectra obediens group</i>	9			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84460	<i>Polypedilum (P.) fallax group</i>	74			
84470	<i>Polypedilum (P.) illinoense</i>	+			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Collection Date: 08/30/2005 River Code: 04-183 RM: 4.80 Site: Ottawa Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	85	84750	<i>Stictochironomus sp</i>	+
01801	<i>Turbellaria</i>	3 +	84790	<i>Tribelos fuscicorne</i>	215 +
03600	<i>Oligochaeta</i>	70	85500	<i>Paratanytarsus sp</i>	17
05800	<i>Caecidotea sp</i>	1 +	85720	<i>Stempellinella n.sp nr. flavidula</i>	17
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	50
13400	<i>Stenacron sp</i>	38 +	85840	<i>Tanytarsus sepp</i>	50
17200	<i>Caenis sp</i>	19 +	95100	<i>Physella sp</i>	2
21200	<i>Calopteryx sp</i>	3	96900	<i>Ferrissia sp</i>	28 +
22001	<i>Coenagrionidae</i>	+	96930	<i>Laevapex fuscus</i>	+
22300	<i>Argia sp</i>	46 +			
43300	<i>Ranatra sp</i>	+	No. Quantitative Taxa: 40		Total Taxa: 52
47600	<i>Sialis sp</i>	+	No. Qualitative Taxa: 31		ICI: 26
51400	<i>Nyctiophylax sp</i>	2 +	Number of Organisms: 1994		Qual EPT: 3
52200	<i>Cheumatopsyche sp</i>	1			
53800	<i>Hydroptila sp</i>	8			
60300	<i>Dineutus sp</i>	1			
60400	<i>Gyrinus sp</i>	+			
68601	<i>Ancyronyx variegata</i>	+			
68708	<i>Dubiraphia vittata group</i>	1 +			
68901	<i>Macronychus glabratus</i>	2 +			
69400	<i>Stenelmis sp</i>	1			
74501	<i>Ceratopogonidae</i>	8 +			
77100	<i>Ablabesmyia sp</i>	17			
77500	<i>Conchapelopia sp</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	83 +			
77800	<i>Helopelopia sp</i>	83 +			
78140	<i>Labrundinia pilosella</i>	17			
78655	<i>Procladius (Holotanypus) sp</i>	+			
80370	<i>Corynoneura lobata</i>	56			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	182			
82141	<i>Thienemanniella xena</i>	25			
82820	<i>Cryptochironomus sp</i>	17 +			
82885	<i>Cryptotendipes pseudotener</i>	17 +			
83040	<i>Dicrotendipes neomodestus</i>	149 +			
83051	<i>Dicrotendipes simpsoni</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	17 +			
83840	<i>Microtendipes pedellus group</i>	215 +			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	232			
84300	<i>Phaenopsectra obediens group</i>	17			
84460	<i>Polypedilum (P.) fallax group</i>	99			
84470	<i>Polypedilum (P.) illinoense</i>	17			
84520	<i>Polypedilum (Tripodura) halterale group</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	83 +			

Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection

Collection Date: 08/30/2005 River Code: 04-183 RM: 0.90 Site: Ottawa Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	59	81632	<i>Parakiefferiella n.sp 2</i>	31
01801	<i>Turbellaria</i>	57	82121	<i>Thienemanniella lobapodema</i>	24
02600	<i>Nematomorpha</i>	+	82141	<i>Thienemanniella xena</i>	+
03040	<i>Fredericella sp</i>	1	82820	<i>Cryptochironomus sp</i>	15 +
03360	<i>Plumatella sp</i>	+	82885	<i>Cryptotendipes pseudotener</i>	15 +
03600	<i>Oligochaeta</i>	18 +	83040	<i>Dicrotendipes neomodestus</i>	732 +
05800	<i>Caecidotea sp</i>	+	83051	<i>Dicrotendipes simpsoni</i>	15
06201	<i>Hyaella azteca</i>	+	83300	<i>Glyptotendipes (G.) sp</i>	15
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	83840	<i>Microtendipes pedellus group</i>	46 +
11020	<i>Acerpenna pygmaea</i>	+	84210	<i>Paratendipes albimanus or P. duplicatus</i>	31
11120	<i>Baetis flavistriga</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	+
11130	<i>Baetis intercalaris</i>	+	84460	<i>Polypedilum (P.) fallax group</i>	15 +
11651	<i>Proclleon sp (w/o hindwing pads)</i>	31	84470	<i>Polypedilum (P.) illinoense</i>	168 +
13400	<i>Stenacron sp</i>	166 +	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	76 +
17200	<i>Caenis sp</i>	43 +	84700	<i>Stenochironomus sp</i>	15 +
21200	<i>Calopteryx sp</i>	+	84790	<i>Tribelos fuscicorne</i>	15
21300	<i>Hetaerina sp</i>	+	84800	<i>Tribelos jucundum</i>	15
22001	<i>Coenagrionidae</i>	+	85261	<i>Cladotanytarsus vanderwulpi group Type 1</i>	+
22300	<i>Argia sp</i>	77 +	85500	<i>Paratanytarsus sp</i>	15
43300	<i>Ranatra sp</i>	+	85625	<i>Rheotanytarsus sp</i>	15 +
47600	<i>Sialis sp</i>	+	85720	<i>Stempellinella n.sp nr. flavidula</i>	15
51400	<i>Nyctiophylax sp</i>	9 +	85821	<i>Tanytarsus glabrescens group sp 7</i>	92
52200	<i>Cheumatopsyche sp</i>	5 +	85840	<i>Tanytarsus sepp</i>	31 +
52530	<i>Hydropsyche depravata group</i>	+	86100	<i>Chrysops sp</i>	+
52570	<i>Hydropsyche simulans</i>	+	95501	<i>Planorbidae</i>	8
53800	<i>Hydroptila sp</i>	1	96900	<i>Ferrissia sp</i>	27
57400	<i>Neophylax sp</i>	+	96930	<i>Laevapex fuscus</i>	+
57900	<i>Pycnopsyche sp</i>	+	97601	<i>Corbicula fluminea</i>	16 +
59001	<i>Leptoceridae</i>	8	99100	<i>Pyganodon grandis</i>	+
59415	<i>Nectopsyche exquisita</i>	+	99680	<i>Leptodea fragilis</i>	+
65800	<i>Berosus sp</i>	1			
68075	<i>Psephenus herricki</i>	+	No. Quantitative Taxa: 44		
68601	<i>Ancyronyx variegata</i>	+	Total Taxa: 74		
68708	<i>Dubiraphia vittata group</i>	10 +	No. Qualitative Taxa: 53		
68901	<i>Macronychus glabratus</i>	1 +	ICI: 34		
69400	<i>Stenelmis sp</i>	14 +	Number of Organisms: 2063		
72700	<i>Anopheles sp</i>	+	Qual EPT: 12		
74501	<i>Ceratopogonidae</i>	+			
77115	<i>Ablabesmyia janta</i>	31			
77500	<i>Conchapelopia sp</i>	46 +			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	15 +			
77800	<i>Helopelopia sp</i>	15 +			
78655	<i>Procladius (Holotanypus) sp</i>	+			
80370	<i>Corynoneura lobata</i>	8			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/20/2005 River Code: 04-184 RM: 7.30 Site: Tiderishi Creek Co. Rd. 26

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	+			
04664	<i>Helobdella stagnalis</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
05900	<i>Lirceus sp</i>	+			
08220	<i>Orconectes (Gremicambarus) immunis</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
23600	<i>Aeshna sp</i>	+			
27500	<i>Somatochlora sp</i>	+			
45300	<i>Sigara sp</i>	+			
47600	<i>Sialis sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
60300	<i>Dineutus sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
61400	<i>Agabus sp</i>	+			
63900	<i>Laccophilus sp</i>	+			
65800	<i>Berosus sp</i>	+			
67000	<i>Helophorus sp</i>	+			
68300	<i>Cyphon sp</i>	+			
71300	<i>Limonia sp</i>	+			
77500	<i>Conchapelopia sp</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
94400	<i>Fossaria sp</i>	+			
95100	<i>Physella sp</i>	+			
96264	<i>Planorbella (Pierosoma) pilsbryi</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 26

No. Qualitative Taxa: 26 ICI:

Number of Organisms: 0 Qual EPT: 1

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/20/2005 River Code: 04-184 RM: 4.60 Site: Tiderishi Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
04664	<i>Helobdella stagnalis</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
05900	<i>Lirceus sp</i>	+			
23704	<i>Anax junius</i>	+			
45300	<i>Sigara sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
60300	<i>Dineutus sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
63900	<i>Laccophilus sp</i>	+			
65800	<i>Berosus sp</i>	+			
66500	<i>Enochrus sp</i>	+			
67500	<i>Laccobius sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
94400	<i>Fossaria sp</i>	+			
95100	<i>Physella sp</i>	+			
96264	<i>Planorbella (Pierosoma) pilsbryi</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 21
No. Qualitative Taxa: 21	ICI:
Number of Organisms: 0	Qual EPT: 1

Ohio EPA/DW Ecological Assessment Section
 Macroinvertebrate Collection

Collection Date: 08/01/2005 River Code: 04-184 RM: 0.10 Site: Tiderishi Creek at mouth

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00556	<i>Ephydatia fluviatilis</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
01801	<i>Turbellaria</i>	+	96930	<i>Laevapex fuscus</i>	+
03360	<i>Plumatella sp</i>	+	98200	<i>Pisidium sp</i>	+
04935	<i>Erpobdella punctata punctata</i>	+	98600	<i>Sphaerium sp</i>	+
05900	<i>Lirceus sp</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	No. Quantitative Taxa: 0		Total Taxa: 47
08601	<i>Hydrachnidia</i>	+	No. Qualitative Taxa: 47		ICI:
13400	<i>Stenacron sp</i>	+	Number of Organisms: 0		Qual EPT: 7
17200	<i>Caenis sp</i>	+			
18750	<i>Hexagenia limbata</i>	+			
22001	<i>Coenagrionidae</i>	+			
24900	<i>Gomphus sp</i>	+			
45100	<i>Palmacorixa sp</i>	+			
47600	<i>Sialis sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
53800	<i>Hydroptila sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59728	<i>Triaenodes marginatus</i>	+			
60900	<i>Peltodytes sp</i>	+			
65800	<i>Berosus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
74100	<i>Simulium sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77800	<i>Helopelopia sp</i>	+			
78600	<i>Pentaneura inconspicua</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	+			
81270	<i>Nanocladius (N.) spiniplenus</i>	+			
82885	<i>Cryptotendipes pseudotener</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84300	<i>Phaenopsectra obediens group</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
84750	<i>Stictochironomus sp</i>	+			
84888	<i>Xenochironomus xenolabis</i>	+			
84960	<i>Pseudochironomus sp</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/02/2005 River Code: 04-185 RM: 17.70 Site: Eagle Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03600	<i>Oligochaeta</i>	+			
04685	<i>Placobdella ornata</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
11651	<i>Procloeon sp (w/o hindwing pads)</i>	+			
13400	<i>Stenacron sp</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
23909	<i>Boyeria vinosa</i>	+			
24900	<i>Gomphus sp</i>	+			
28955	<i>Plathemis lydia</i>	+			
47600	<i>Sialis sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
53501	<i>Hydroptilidae</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
65800	<i>Berosus sp</i>	+			
67100	<i>Hydrobius sp</i>	+			
68300	<i>Cyphon sp</i>	+			
68702	<i>Dubiraphia bivittata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77355	<i>Clinotanytus pinguis</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	+			
78140	<i>Labrundinia pilosella</i>	+			
78350	<i>Meropelopia sp</i>	+			
78655	<i>Procladius (Holotanytus) sp</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83900	<i>Nilothauma sp</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
95100	<i>Physella sp</i>	+			
98200	<i>Pisidium sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Collection Date: 09/06/2005 River Code: 04-185 RM: 14.00 Site: Eagle Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	47 +	85840	<i>Tanytarsus sepp</i>	7
03360	<i>Plumatella sp</i>	10	93900	<i>Elimia sp</i>	+
03600	<i>Oligochaeta</i>	48 +	96900	<i>Ferrissia sp</i>	7
05900	<i>Lirceus sp</i>	1	98600	<i>Sphaerium sp</i>	67 +
06201	<i>Hyalella azteca</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	No. Quantitative Taxa: 31		Total Taxa: 48
11651	<i>Procloeon sp (w/o hindwing pads)</i>	11 +	No. Qualitative Taxa: 30		ICI: 32
13000	<i>Leucrocuta sp</i>	+	Number of Organisms: 1109		Qual EPT: 7
13400	<i>Stenacron sp</i>	75 +			
13521	<i>Stenonema femoratum</i>	44 +			
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	3			
17200	<i>Caenis sp</i>	89 +			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	11			
24501	<i>Gomphidae</i>	+			
27500	<i>Somatochlora sp</i>	+			
28955	<i>Plathemis lydia</i>	+			
45100	<i>Palmacorixa sp</i>	+			
47600	<i>Sialis sp</i>	+			
51600	<i>Polycentropus sp</i>	3 +			
52200	<i>Cheumatopsyche sp</i>	2 +			
68075	<i>Psephenus herricki</i>	+			
68708	<i>Dubiraphia vittata group</i>	3 +			
69400	<i>Stenelmis sp</i>	8 +			
74501	<i>Ceratopogonidae</i>	+			
77800	<i>Helopelopia sp</i>	42			
78140	<i>Labrundinia pilosella</i>	14			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	7			
78655	<i>Procladius (Holotanypus) sp</i>	+			
80351	<i>Corynoneura n.sp 1</i>	4			
80370	<i>Corynoneura lobata</i>	69			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	7			
82730	<i>Chironomus (C.) decorus group</i>	14			
82820	<i>Cryptochironomus sp</i>	7			
83040	<i>Dicrotendipes neomodestus</i>	21			
83840	<i>Microtendipes pedellus group</i>	216 +			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	202			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84460	<i>Polypedilum (P.) fallax group</i>	7			
84480	<i>Polypedilum (P.) laetum group</i>	+			
84520	<i>Polypedilum (Tripodura) halterale group</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	7 +			
84750	<i>Stictochironomus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	56			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 09/07/2005 River Code: 04-185 RM: 11.60 Site: Eagle Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
05900	<i>Lirceus sp</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
11120	<i>Baetis flavistriga</i>	+			
11130	<i>Baetis intercalaris</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
44501	<i>Corixidae</i>	+			
45900	<i>Notonecta sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68300	<i>Cyphon sp</i>	+			
69400	<i>Stenelmis sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77500	<i>Conchapelopia sp</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
80370	<i>Corynoneura lobata</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84460	<i>Polypedilum (P.) fallax group</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84750	<i>Stictochironomus sp</i>	+			
93900	<i>Elimia sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 27
No. Qualitative Taxa: 27	ICI:
Number of Organisms: 0	Qual EPT: 7

Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection

Collection Date: 09/08/2005 River Code: 04-185 RM: 9.10 Site: Eagle Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	1 +	85500	<i>Paratanytarsus sp</i>	13
03360	<i>Plumatella sp</i>	+	85800	<i>Tanytarsus sp</i>	+
03600	<i>Oligochaeta</i>	208 +	85821	<i>Tanytarsus glabrescens group sp 7</i>	262
04664	<i>Helobdella stagnalis</i>	+	85840	<i>Tanytarsus sepp</i>	20
05800	<i>Caecidotea sp</i>	+	96900	<i>Ferrissia sp</i>	4 +
05900	<i>Lirceus sp</i>	2 +	98600	<i>Sphaerium sp</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
13000	<i>Leucrocuta sp</i>	1	No. Quantitative Taxa: 26		Total Taxa: 50
13400	<i>Stenacron sp</i>	3 +	No. Qualitative Taxa: 39		ICI: 28
13521	<i>Stenonema femoratum</i>	3 +	Number of Organisms: 994		Qual EPT: 7
17200	<i>Caenis sp</i>	164 +			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	10 +			
50315	<i>Chimarra obscura</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	4 +			
57400	<i>Neophylax sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	5 +			
71300	<i>Limonia sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77500	<i>Conchapelopia sp</i>	13			
77800	<i>Helopelopia sp</i>	7 +			
78400	<i>Natarsia sp</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
80351	<i>Corynoneura n.sp 1</i>	+			
80370	<i>Corynoneura lobata</i>	132			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	7			
82730	<i>Chironomus (C.) decorus group</i>	7 +			
82800	<i>Cladopelma sp</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
82885	<i>Cryptotendipes pseudotener</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	13			
83051	<i>Dicrotendipes simpsoni</i>	+			
83158	<i>Endochironomus nigricans</i>	13			
83300	<i>Glyptotendipes (G.) sp</i>	20			
83840	<i>Microtendipes pedellus group</i>	7 +			
84020	<i>Parachironomus carinatus</i>	7			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	7 +			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	61 +			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84750	<i>Stictochironomus sp</i>	+			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/30/2005 River Code: 04-185 RM: 3.70 Site: Eagle Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00653	<i>Eunapius fragilis</i>	+			
01801	<i>Turbellaria</i>	+			
06201	<i>Hyalella azteca</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
08601	<i>Hydrachnidia</i>	+			
11120	<i>Baetis flavistriga</i>	+			
13000	<i>Leucrocuta sp</i>	+			
13400	<i>Stenacron sp</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
45100	<i>Palmacorixa sp</i>	+			
47600	<i>Sialis sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
53501	<i>Hydroptilidae</i>	+			
67800	<i>Tropisternus sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
72700	<i>Anopheles sp</i>	+			
77500	<i>Conchapelopia sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
84750	<i>Stictochironomus sp</i>	+			
84888	<i>Xenochironomus xenolabis</i>	+			
85800	<i>Tanytarsus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
95100	<i>Physella sp</i>	+			
97601	<i>Corbicula fluminea</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 36
 No. Qualitative Taxa: 36 ICI:
 Number of Organisms: 0 Qual EPT: 6

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Collection Date: 08/30/2005 River Code: 04-185 RM: 0.50 Site: Eagle Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00653	<i>Eunapius fragilis</i>	+	84490	<i>Polypedilum (Cerobregma) ontario</i>	+
01320	<i>Hydra sp</i>	29	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	3 +
01801	<i>Turbellaria</i>	1 +	84750	<i>Stictochironomus sp</i>	+
03360	<i>Plumatella sp</i>	2 +	84790	<i>Tribelos fuscicorne</i>	3
03451	<i>Urnatella gracilis</i>	4	84800	<i>Tribelos jucundum</i>	3
03600	<i>Oligochaeta</i>	110 +	84888	<i>Xenochironomus xenolabis</i>	+
05900	<i>Lirceus sp</i>	1 +	85821	<i>Tanytarsus glabrescens group sp 7</i>	37
06201	<i>Hyalella azteca</i>	+	85840	<i>Tanytarsus sepp</i>	13
06700	<i>Crangonyx sp</i>	+	87601	<i>Dolichopodidae</i>	1
08250	<i>Orconectes (Procericambarus) rusticus</i>	3 +	93900	<i>Elimia sp</i>	+
11120	<i>Baetis flavistriga</i>	+	95100	<i>Physella sp</i>	2
11130	<i>Baetis intercalaris</i>	+	96900	<i>Ferrissia sp</i>	8
13000	<i>Leucrocota sp</i>	+	98600	<i>Sphaerium sp</i>	1 +
13400	<i>Stenacron sp</i>	14 +	99160	<i>Anodontoides ferussacianus</i>	+
13521	<i>Stenonema femoratum</i>	1 +			
22300	<i>Argia sp</i>	1 +	No. Quantitative Taxa: 33		Total Taxa: 57
47600	<i>Sialis sp</i>	+	No. Qualitative Taxa: 41		ICI: 18
50315	<i>Chimarra obscura</i>	+	Number of Organisms: 452		Qual EPT: 9
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
57400	<i>Neophylax sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
69400	<i>Stenelmis sp</i>	+			
74501	<i>Ceratopogonidae</i>	1			
77120	<i>Ablabesmyia mallochi</i>	3			
77500	<i>Conchapelopia sp</i>	49 +			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	3 +			
77800	<i>Helopelopia sp</i>	+			
80370	<i>Corynoneura lobata</i>	6 +			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	3 +			
81250	<i>Nanocladius (N.) minimus</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	3			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	5			
83050	<i>Dicrotendipes lucifer</i>	3			
83051	<i>Dicrotendipes simpsoni</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	16 +			
83840	<i>Microtendipes pedellus group</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	59 +			
84315	<i>Phaenopsectra flavipes</i>	5			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84460	<i>Polypedilum (P.) fallax group</i>	51 +			
84470	<i>Polypedilum (P.) illinoense</i>	8			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/02/2005 River Code: 04-186 RM: 0.60 Site: Buck Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	+			
01801	<i>Turbellaria</i>	+			
02600	<i>Nematomorpha</i>	+			
04964	<i>Mooreobdella microstoma</i>	+			
08220	<i>Orconectes (Gremicambarus) immunis</i>	+			
11200	<i>Callibaetis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
23704	<i>Anax junius</i>	+			
28705	<i>Pachydiplax longipennis</i>	+			
28955	<i>Plathemis lydia</i>	+			
45300	<i>Sigara sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
65800	<i>Berosus sp</i>	+			
67000	<i>Helophorus sp</i>	+			
67700	<i>Paracymus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
69400	<i>Stenelmis sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77355	<i>Clinotanypus pinguis</i>	+			
77500	<i>Conchapelopia sp</i>	+			
79020	<i>Tanypus neopunctipennis</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
95100	<i>Physella sp</i>	+			
98200	<i>Pisidium sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 28
No. Qualitative Taxa: 28	ICI:
Number of Organisms: 0	Qual EPT: 1

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/02/2005 River Code: 04-187 RM: 1.10 Site: Flat Branch

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03360	<i>Plumatella sp</i>	+			
03600	<i>Oligochaeta</i>	+			
04666	<i>Helobdella triserialis</i>	+			
04680	<i>Placobdella sp</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
05900	<i>Lirceus sp</i>	+			
06201	<i>Hyaella azteca</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
13521	<i>Stenonema femoratum</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
45000	<i>Hesperocorixa sp</i>	+			
45300	<i>Sigara sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
60400	<i>Gyrinus sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
68300	<i>Cyphon sp</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77355	<i>Clinotanytus pinguis</i>	+			
77500	<i>Conchapelopia sp</i>	+			
78680	<i>Procladius (Psilotanytus) bellus</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83051	<i>Dicrotendipes simpsoni</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84460	<i>Polypedilum (P.) fallax group</i>	+			
84520	<i>Polypedilum (Tripodura) halterale group</i>	+			
84750	<i>Stictochironomus sp</i>	+			
95100	<i>Physella sp</i>	+			
96264	<i>Planorbella (Pierosoma) pilsbryi</i>	+			
96900	<i>Ferrissia sp</i>	+			
98200	<i>Pisidium sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 37

No. Qualitative Taxa: 37 ICI:

Number of Organisms: 0 Qual EPT: 2

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/02/2005 River Code: 04-187 RM: 0.10 Site: Flat Branch

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
05900	<i>Lirceus sp</i>	+			
06201	<i>Hyalella azteca</i>	+			
08220	<i>Orconectes (Gremicambarus) immunis</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
23600	<i>Aeshna sp</i>	+			
27500	<i>Somatochlora sp</i>	+			
45100	<i>Palmacorixa sp</i>	+			
45300	<i>Sigara sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
63300	<i>Hydroporus sp</i>	+			
68300	<i>Cyphon sp</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85800	<i>Tanytarsus sp</i>	+			
86100	<i>Chrysops sp</i>	+			
87540	<i>Hemerodromia sp</i>	+			
93900	<i>Elimia sp</i>	+			
95100	<i>Physella sp</i>	+			
96264	<i>Planorbella (Pierosoma) pilsbryi</i>	+			
96900	<i>Ferrissia sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 27
No. Qualitative Taxa: 27	ICI:
Number of Organisms: 0	Qual EPT: 5

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/02/2005 River Code: 04-189 RM: 1.50 Site: Hydraulic Ditch

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
02600	<i>Nematomorpha</i>	+			
03600	<i>Oligochaeta</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
11120	<i>Baetis flavistriga</i>	+			
11130	<i>Baetis intercalaris</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
21200	<i>Calopteryx sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
23909	<i>Boyeria vinosa</i>	+			
24501	<i>Gomphidae</i>	+			
47600	<i>Sialis sp</i>	+			
50315	<i>Chimarra obscura</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52430	<i>Ceratopsyche morosa group</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53800	<i>Hydroptila sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59728	<i>Triaenodes marginatus</i>	+			
67000	<i>Helophorus sp</i>	+			
68702	<i>Dubiraphia bivittata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	+			
77800	<i>Helopelopia sp</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84315	<i>Phaenopsectra flavipes</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84460	<i>Polypedilum (P.) fallax group</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85261	<i>Cladotanytarsus vanderwulpi group Type 1</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 38
 No. Qualitative Taxa: 38 ICI:
 Number of Organisms: 0 Qual EPT: 13

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/19/2005 River Code: 04-190 RM: 9.40 Site: Lye Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03360	<i>Plumatella sp</i>	+			
03600	<i>Oligochaeta</i>	+			
04664	<i>Helobdella stagnalis</i>	+			
08601	<i>Hydrachnidia</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
23704	<i>Anax junius</i>	+			
28955	<i>Plathemis lydia</i>	+			
60900	<i>Peltodytes sp</i>	+			
65800	<i>Berosus sp</i>	+			
66500	<i>Enochrus sp</i>	+			
67100	<i>Hydrobius sp</i>	+			
68300	<i>Cyphon sp</i>	+			
68702	<i>Dubiraphia bivittata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69400	<i>Stenelmis sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77355	<i>Clinotanypus pinguis</i>	+			
77800	<i>Helopelopia sp</i>	+			
78200	<i>Larsia sp</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85800	<i>Tanytarsus sp</i>	+			
93200	<i>Hydrobiidae</i>	+			
95100	<i>Physella sp</i>	+			
95907	<i>Gyraulus (Torquis) parvus</i>	+			
96264	<i>Planorbella (Pierosoma) pilsbryi</i>	+			
96900	<i>Ferrissia sp</i>	+			
98600	<i>Sphaerium sp</i>	+			
99100	<i>Pyganodon grandis</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 37
 No. Qualitative Taxa: 37 ICI:
 Number of Organisms: 0 Qual EPT: 1

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/19/2005 River Code: 04-190 RM: 6.70 Site: Lye Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
04964	<i>Mooreobdella microstoma</i>	+			
06201	<i>Hyalella azteca</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
08601	<i>Hydrachnidia</i>	+			
13400	<i>Stenacron sp</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
28955	<i>Plathemis lydia</i>	+			
53800	<i>Hydroptila sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59728	<i>Triaenodes marginatus</i>	+			
65800	<i>Berosus sp</i>	+			
68702	<i>Dubiraphia bivittata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
78130	<i>Labrundinia neopilosella</i>	+			
78600	<i>Pentaneura inconspicua</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
85800	<i>Tanytarsus sp</i>	+			
93200	<i>Hydrobiidae</i>	+			
95100	<i>Physella sp</i>	+			
95907	<i>Gyraulus (Torquis) parvus</i>	+			
96264	<i>Planorbella (Pierosoma) pilsbryi</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 27
No. Qualitative Taxa: 27	ICI:
Number of Organisms: 0	Qual EPT: 5

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/30/2005 River Code: 04-190 RM: 2.60 Site: Lye Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	1	93200	<i>Hydrobiidae</i>	14 +
01801	<i>Turbellaria</i>	320 +	98200	<i>Pisidium sp</i>	+
03600	<i>Oligochaeta</i>	4064	98600	<i>Sphaerium sp</i>	1 +
04664	<i>Helobdella stagnalis</i>	+			
04687	<i>Placobdella parasitica</i>	+	No. Quantitative Taxa: 32		Total Taxa: 46
06201	<i>Hyalella azteca</i>	63 +	No. Qualitative Taxa: 25		ICI: 20
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	Number of Organisms: 5145		Qual EPT: 4
08601	<i>Hydrachnidia</i>	1			
11200	<i>Callibaetis sp</i>	2			
17200	<i>Caenis sp</i>	233 +			
22001	<i>Coenagrionidae</i>	8 +			
22300	<i>Argia sp</i>	2			
28001	<i>Libellulidae</i>	9			
28955	<i>Plathemis lydia</i>	+			
45900	<i>Notonecta sp</i>	+			
53800	<i>Hydroptila sp</i>	1			
54300	<i>Oxyethira sp</i>	1			
57400	<i>Neophylax sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59001	<i>Leptoceridae</i>	48			
59570	<i>Oecetis nocturna</i>	+			
59580	<i>Oecetis persimilis</i>	1			
60900	<i>Peltodytes sp</i>	+			
65800	<i>Berosus sp</i>	221 +			
68702	<i>Dubiraphia bivittata</i>	9 +			
69400	<i>Stenelmis sp</i>	2			
72700	<i>Anopheles sp</i>	+			
74501	<i>Ceratopogonidae</i>	16			
77355	<i>Clinotanypus pinguis</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	2			
78130	<i>Labrundinia neopilosella</i>	8 +			
78200	<i>Larsia sp</i>	63 +			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	13			
82800	<i>Cladopelma sp</i>	2			
83002	<i>Dicrotendipes modestus</i>	13 +			
83040	<i>Dicrotendipes neomodestus</i>	13			
83300	<i>Glyptotendipes (G.) sp</i>	4			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	2			
84960	<i>Pseudochironomus sp</i>	+			
85625	<i>Rheotanytarsus sp</i>	2			
85821	<i>Tanytarsus glabrescens group sp 7</i>	2			
85840	<i>Tanytarsus sepp</i>	4			
86100	<i>Chrysops sp</i>	+			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Collection Date: 07/07/2005 River Code: 04-192 RM: 7.70 Site: The Outlet (Blanchard R. RM 63.63)

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	85800	<i>Tanytarsus sp</i>	+
03360	<i>Plumatella sp</i>	+	85840	<i>Tanytarsus sepp</i>	+
04685	<i>Placobdella ornata</i>	+	89704	<i>Limnophora aequifrons</i>	+
04935	<i>Erpobdella punctata punctata</i>	+	94800	<i>Stagnicola sp</i>	+
06201	<i>Hyaella azteca</i>	+	95100	<i>Physella sp</i>	+
07875	<i>Cambarus (Tubericambarus) sp A</i>	+	98600	<i>Sphaerium sp</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
08601	<i>Hydrachnidia</i>	+	No. Quantitative Taxa: 0		Total Taxa: 50
11120	<i>Baetis flavistriga</i>	+	No. Qualitative Taxa: 50		ICI:
11125	<i>Pseudocloeon frondale</i>	+	Number of Organisms: 0		Qual EPT: 11
11130	<i>Baetis intercalaris</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
21200	<i>Calopteryx sp</i>	+			
23909	<i>Boyeria vinosa</i>	+			
45300	<i>Sigara sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52430	<i>Ceratopsyche morosa group</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53800	<i>Hydroptila sp</i>	+			
59570	<i>Oecetis nocturna</i>	+			
60800	<i>Haliphus sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
65501	<i>Hydrophilidae</i>	+			
65800	<i>Berosus sp</i>	+			
67000	<i>Helophorus sp</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
69400	<i>Stenelmis sp</i>	+			
74100	<i>Simulium sp</i>	+			
77500	<i>Conchapelopia sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
78600	<i>Pentaneura inconspicua</i>	+			
80430	<i>Cricotopus (C.) tremulus group</i>	+			
80440	<i>Cricotopus (C.) trifascia</i>	+			
81270	<i>Nanocladius (N.) spiniplenus</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84601	<i>Saetheria species 1 (sensu Jackson, 1977)</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85615	<i>Rheotanytarsus pellucidus</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/07/2005 River Code: 04-192 RM: 6.10 Site: The Outlet (Blanchard R. RM 63.63)

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03040	<i>Fredericella sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 42
03600	<i>Oligochaeta</i>	+	No. Qualitative Taxa: 42		ICI:
04935	<i>Erpobdella punctata punctata</i>	+	Number of Organisms: 0		Qual EPT: 6
07875	<i>Cambarus (Tubericambarus) sp A</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
08601	<i>Hydrachnidia</i>	+			
11125	<i>Pseudocloeon frondale</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
22001	<i>Coenagrionidae</i>	+			
23704	<i>Anax junius</i>	+			
27500	<i>Somatochlora sp</i>	+			
42700	<i>Belostoma sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53800	<i>Hydroptila sp</i>	+			
60300	<i>Dineutus sp</i>	+			
60400	<i>Gyrinus sp</i>	+			
60800	<i>Halipus sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
63900	<i>Laccophilus sp</i>	+			
65800	<i>Berosus sp</i>	+			
66500	<i>Enochrus sp</i>	+			
67000	<i>Helophorus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77500	<i>Conchapelopia sp</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83003	<i>Dicrotendipes fumidus</i>	+			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+			
84460	<i>Polypedilum (P.) fallax group</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
95100	<i>Physella sp</i>	+			
96002	<i>Helisoma anceps anceps</i>	+			
98200	<i>Pisidium sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection

Collection Date: 08/29/2005 River Code: 04-192 RM: 4.50 Site: The Outlet (Blanchard R. RM 63.63)

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	16	82885	<i>Cryptotendipes pseudotener</i>	17
01801	<i>Turbellaria</i>	168 +	83000	<i>Dicrotendipes sp</i>	+
02600	<i>Nematomorpha</i>	+	83040	<i>Dicrotendipes neomodestus</i>	121
03600	<i>Oligochaeta</i>	160	83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	52 +
04666	<i>Helobdella triserialis</i>	1 +	83840	<i>Microtendipes pedellus group</i>	52
04685	<i>Placobdella ornata</i>	+	84300	<i>Phaenopsectra obediens group</i>	+
04935	<i>Erpobdella punctata punctata</i>	2 +	84450	<i>Polypedilum (Uresipedilum) flavum</i>	1316 +
07875	<i>Cambarus (Tubericambarus) sp A</i>	+	84460	<i>Polypedilum (P.) fallax group</i>	17
11120	<i>Baetis flavistriga</i>	9	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	17
11125	<i>Pseudocloeon frondale</i>	+	85500	<i>Paratanytarsus sp</i>	17
11130	<i>Baetis intercalaris</i>	42 +	85615	<i>Rheotanytarsus pellucidus</i>	+
11200	<i>Callibaetis sp</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	156 +
17200	<i>Caenis sp</i>	302 +	85840	<i>Tanytarsus sepp</i>	35
21200	<i>Calopteryx sp</i>	9 +	86100	<i>Chrysops sp</i>	+
22001	<i>Coenagrionidae</i>	+	87540	<i>Hemerodromia sp</i>	8
22300	<i>Argia sp</i>	10 +	95100	<i>Physella sp</i>	+
23909	<i>Boyeria vinosa</i>	+	96002	<i>Helisoma anceps anceps</i>	+
45300	<i>Sigara sp</i>	+	96264	<i>Planorbella (Pierosoma) pilsbryi</i>	+
52200	<i>Cheumatopsyche sp</i>	1005 +	96900	<i>Ferrissia sp</i>	16
52430	<i>Ceratopsyche morosa group</i>	27 +	98600	<i>Sphaerium sp</i>	+
52530	<i>Hydropsyche depravata group</i>	80 +			
53800	<i>Hydroptila sp</i>	24 +	No. Quantitative Taxa: 34		Total Taxa: 63
59300	<i>Mystacides sp</i>	+	No. Qualitative Taxa: 48		ICI: 38
59410	<i>Nectopsyche diarina</i>	1 +	Number of Organisms: 4405		Qual EPT: 11
59570	<i>Oecetis nocturna</i>	+			
60400	<i>Gyrinus sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
65800	<i>Berosus sp</i>	64 +			
67800	<i>Tropisternus sp</i>	+			
68702	<i>Dubiraphia bivittata</i>	2 +			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	227 +			
77120	<i>Ablabesmyia mallochi</i>	17			
77355	<i>Clinotanytus pinguis</i>	+			
77500	<i>Conchapelopia sp</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	+			
77800	<i>Helopelopia sp</i>	329 +			
78140	<i>Labrundinia pilosella</i>	17			
78600	<i>Pentaneura inconspicua</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
80430	<i>Cricotopus (C.) tremulus group</i>	+			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	69			
82820	<i>Cryptochironomus sp</i>	+			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/29/2005 River Code: 04-192 RM: 0.50 Site: The Outlet (Blanchard R. RM 63.63)

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	32	80420	<i>Cricotopus (C.) bicinctus</i>	36 +
03600	<i>Oligochaeta</i>	+	81240	<i>Nanocladius (N.) distinctus</i>	9
05900	<i>Lirceus sp</i>	+	81632	<i>Parakiefferiella n.sp 2</i>	250 +
06201	<i>Hyalella azteca</i>	+	81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	63
08250	<i>Orconectes (Procericambarus) rusticus</i>	1 +	82141	<i>Thienemanniella xena</i>	16
08601	<i>Hydrachnidia</i>	8 +	82820	<i>Cryptochironomus sp</i>	+
11020	<i>Acerpenna pygmaea</i>	146 +	82885	<i>Cryptotendipes pseudotener</i>	+
11120	<i>Baetis flavistriga</i>	82 +	83040	<i>Dicrotendipes neomodestus</i>	259 +
11130	<i>Baetis intercalaris</i>	260 +	83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	9 +
11651	<i>Procloeon sp (w/o hindwing pads)</i>	24	83840	<i>Microtendipes pedellus group</i>	9
13000	<i>Leucrocuta sp</i>	5	84300	<i>Phaenopsectra obediens group</i>	+
13400	<i>Stenacron sp</i>	168	84450	<i>Polypedilum (Uresipedilum) flavum</i>	134 +
17200	<i>Caenis sp</i>	+	84460	<i>Polypedilum (P.) fallax group</i>	54
21200	<i>Calopteryx sp</i>	7	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+
22001	<i>Coenagrionidae</i>	+	84700	<i>Stenochironomus sp</i>	+
22300	<i>Argia sp</i>	89 +	84790	<i>Tribelos fuscicorne</i>	+
23909	<i>Boyeria vinosa</i>	+	85230	<i>Cladotanytarsus mancus group</i>	+
28955	<i>Plathemis lydia</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	27 +
45100	<i>Palmacorixa sp</i>	+	85625	<i>Rheotanytarsus sp</i>	36 +
47600	<i>Sialis sp</i>	+	85800	<i>Tanytarsus sp</i>	9
52200	<i>Cheumatopsyche sp</i>	631 +	85821	<i>Tanytarsus glabrescens group sp 7</i>	80
52530	<i>Hydropsyche depravata group</i>	5 +	86100	<i>Chrysops sp</i>	+
59300	<i>Mystacides sp</i>	+	87501	<i>Empididae</i>	1
59410	<i>Nectopsyche diarina</i>	+	95100	<i>Physella sp</i>	+
60400	<i>Gyrinus sp</i>	+	96900	<i>Ferrissia sp</i>	4 +
60900	<i>Peltodytes sp</i>	+	98600	<i>Sphaerium sp</i>	+
64050	<i>Liodessus sp</i>	+	99280	<i>Lasmigona costata</i>	+
65800	<i>Berosus sp</i>	+	99860	<i>Lampsilis radiata luteola</i>	+
67000	<i>Helophorus sp</i>	+			
68300	<i>Cyphon sp</i>	+			
68601	<i>Ancyronyx variegata</i>	2 +	No. Quantitative Taxa: 40		Total Taxa: 72
68707	<i>Dubiraphia quadrinotata</i>	+	No. Qualitative Taxa: 56		ICI: 44
68708	<i>Dubiraphia vittata group</i>	2 +	Number of Organisms: 2594		Qual EPT: 8
68901	<i>Macronychus glabratus</i>	19 +			
69400	<i>Stenelmis sp</i>	1 +			
74100	<i>Simulium sp</i>	1 +			
74501	<i>Ceratopogonidae</i>	4 +			
77500	<i>Conchapelopia sp</i>	63 +			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	9			
77800	<i>Helopelopia sp</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
78600	<i>Pentaneura inconspicua</i>	9 +			
80370	<i>Corynoneura lobata</i>	21			
80410	<i>Cricotopus (C.) sp</i>	9			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/07/2005 River Code: 04-193 RM: 3.80 Site: Brights Ditch

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03600	<i>Oligochaeta</i>	+			
04664	<i>Helobdella stagnalis</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
04964	<i>Mooreobdella microstoma</i>	+			
06201	<i>Hyalella azteca</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
08310	<i>Procambarus (Ortmannicus) acutus acutus</i>	+			
11200	<i>Callibaetis sp</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
23704	<i>Anax junius</i>	+			
28500	<i>Libellula sp</i>	+			
42700	<i>Belostoma sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
47600	<i>Sialis sp</i>	+			
65800	<i>Berosus sp</i>	+			
66500	<i>Enochrus sp</i>	+			
66901	<i>Helocombus bifidus</i>	+			
67000	<i>Helophorus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
68702	<i>Dubiraphia bivittata</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
72340	<i>Dixella sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77355	<i>Clinotanypus pinguis</i>	+			
80410	<i>Cricotopus (C.) sp</i>	+			
84520	<i>Polypedilum (Tripodura) halterale group</i>	+			
95100	<i>Physella sp</i>	+			
95907	<i>Gyraulus (Torquis) parvus</i>	+			
96264	<i>Planorbella (Pierosoma) pilsbryi</i>	+			
98200	<i>Pisidium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 33
No. Qualitative Taxa: 33	ICI:
Number of Organisms: 0	Qual EPT: 2

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/07/2005 River Code: 04-193 RM: 2.40 Site: Brights Ditch

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03600	<i>Oligochaeta</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
24900	<i>Gomphus sp</i>	+			
45300	<i>Sigara sp</i>	+			
65800	<i>Berosus sp</i>	+			
67000	<i>Helophorus sp</i>	+			
68702	<i>Dubiraphia bivittata</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77355	<i>Clinotanytus pinguis</i>	+			
77800	<i>Helopelopia sp</i>	+			
85400	<i>Micropsectra sp</i>	+			
93200	<i>Hydrobiidae</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 15
No. Qualitative Taxa: 15	ICI:
Number of Organisms: 0	Qual EPT: 1

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/30/2005 River Code: 04-193 RM: 0.30 Site: Brights Ditch

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
06201	<i>Hyalella azteca</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
08601	<i>Hydrachnidia</i>	+			
11200	<i>Callibaetis sp</i>	+			
11651	<i>Procloeon sp (w/o hindwing pads)</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
21300	<i>Hetaerina sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
23704	<i>Anax junius</i>	+			
51400	<i>Nyctiophylax sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
53800	<i>Hydroptila sp</i>	+			
57400	<i>Neophylax sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59110	<i>Ceraclea ancylus</i>	+			
59970	<i>Petrophila sp</i>	+			
60400	<i>Gyrinus sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68702	<i>Dubiraphia bivittata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
93900	<i>Elimia sp</i>	+			
99100	<i>Pyganodon grandis</i>	+			
99860	<i>Lampsilis radiata luteola</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 33
No. Qualitative Taxa: 33	ICI:
Number of Organisms: 0	Qual EPT: 12

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/03/2005 River Code: 04-194 RM: 7.30 Site: Stahl Ditch

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
04664	<i>Helobdella stagnalis</i>	+			
04680	<i>Placobdella sp</i>	+			
06201	<i>Hyalella azteca</i>	+			
08220	<i>Orconectes (Gremicambarus) immunis</i>	+			
08601	<i>Hydrachnidia</i>	+			
22001	<i>Coenagrionidae</i>	+			
23600	<i>Aeshna sp</i>	+			
23704	<i>Anax junius</i>	+			
42700	<i>Belostoma sp</i>	+			
45300	<i>Sigara sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
59500	<i>Oecetis sp</i>	+			
60300	<i>Dineutus sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
77355	<i>Clinotanytus pinguis</i>	+			
78655	<i>Procladius (Holotanytus) sp</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
84000	<i>Parachironomus sp</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 21
No. Qualitative Taxa: 21	ICI:
Number of Organisms: 0	Qual EPT: 1

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Collection Date: 08/03/2005 River Code: 04-194 RM: 4.40 Site: Stahl Ditch

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	+	85800	<i>Tanytarsus sp</i>	+
03360	<i>Plumatella sp</i>	+	95100	<i>Physella sp</i>	+
03600	<i>Oligochaeta</i>	+	95907	<i>Gyraulus (Torquis) parvus</i>	+
04666	<i>Helobdella triserialis</i>	+	96900	<i>Ferrissia sp</i>	+
04682	<i>Placobdella montifera</i>	+	98600	<i>Sphaerium sp</i>	+
06201	<i>Hyalella azteca</i>	+	99160	<i>Anodontoides ferussacianus</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
11120	<i>Baetis flavistriga</i>	+	No. Quantitative Taxa: 0		Total Taxa: 50
11125	<i>Pseudocloeon frondale</i>	+	No. Qualitative Taxa: 50		ICI:
11200	<i>Callibaetis sp</i>	+	Number of Organisms: 0		Qual EPT: 11
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
18750	<i>Hexagenia limbata</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
23704	<i>Anax junius</i>	+			
42700	<i>Belostoma sp</i>	+			
45000	<i>Hesperocorixa sp</i>	+			
45300	<i>Sigara sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
53501	<i>Hydroptilidae</i>	+			
57400	<i>Neophylax sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59728	<i>Triaenodes marginatus</i>	+			
60400	<i>Gyrinus sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
65800	<i>Berosus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
68702	<i>Dubiraphia bivittata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
77355	<i>Clinotanypus pinguis</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
78680	<i>Procladius (Psilotanypus) bellus</i>	+			
80410	<i>Cricotopus (C.) sp</i>	+			
81690	<i>Paratrichocladius sp</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83003	<i>Dicrotendipes fumidus</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85500	<i>Paratanytarsus sp</i>	+			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/02/2005 River Code: 04-196 RM: 9.60 Site: Potato Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03360	<i>Plumatella sp</i>	+			
03600	<i>Oligochaeta</i>	+			
04666	<i>Helobdella triserialis</i>	+			
04685	<i>Placobdella ornata</i>	+			
04686	<i>Placobdella papillifera</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
04964	<i>Mooreobdella microstoma</i>	+			
05900	<i>Lirceus sp</i>	+			
06700	<i>Crangonyx sp</i>	+			
08220	<i>Orconectes (Gremicambarus) immunis</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
18750	<i>Hexagenia limbata</i>	+			
22001	<i>Coenagrionidae</i>	+			
23600	<i>Aeshna sp</i>	+			
28955	<i>Plathemis lydia</i>	+			
42700	<i>Belostoma sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
60400	<i>Gyrinus sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
65800	<i>Berosus sp</i>	+			
68300	<i>Cyphon sp</i>	+			
69400	<i>Stenelmis sp</i>	+			
77500	<i>Conchapelopia sp</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
95100	<i>Physella sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 33
No. Qualitative Taxa: 33	ICI:
Number of Organisms: 0	Qual EPT: 5

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/29/2005 River Code: 04-196 RM: 0.10 Site: Potato Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	+			
05900	<i>Lirceus sp</i>	+			
06201	<i>Hyalella azteca</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
08601	<i>Hydrachnidia</i>	+			
13000	<i>Leucrocuta sp</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
21200	<i>Calopteryx sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
44501	<i>Corixidae</i>	+			
51600	<i>Polycentropus sp</i>	+			
57400	<i>Neophylax sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59970	<i>Petrophila sp</i>	+			
60400	<i>Gyrinus sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68300	<i>Cyphon sp</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
79100	<i>Thienemannimyia group</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
95100	<i>Physella sp</i>	+			
96900	<i>Ferrissia sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 31
No. Qualitative Taxa: 31	ICI:
Number of Organisms: 0	Qual EPT: 8

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/02/2005 River Code: 04-197 RM: 0.10 Site: Ripley Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
02600	<i>Nematomorpha</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
05900	<i>Lirceus sp</i>	+			
06201	<i>Hyaella azteca</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
08601	<i>Hydrachnidia</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
28500	<i>Libellula sp</i>	+			
28955	<i>Plathemis lydia</i>	+			
42700	<i>Belostoma sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53501	<i>Hydroptilidae</i>	+			
57400	<i>Neophylax sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
63900	<i>Laccophilus sp</i>	+			
65800	<i>Berosus sp</i>	+			
67500	<i>Laccobius sp</i>	+			
67700	<i>Paracymus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68300	<i>Cyphon sp</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
71300	<i>Limonia sp</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
85800	<i>Tanytarsus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
87400	<i>Stratiomys sp</i>	+			
95100	<i>Physella sp</i>	+			
98200	<i>Pisidium sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/21/2005 River Code: 04-198 RM: 0.30 Site: The Outlet (Blanchard R. RM 90.94)

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03600	<i>Oligochaeta</i>	+			
05900	<i>Lirceus sp</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
11120	<i>Baetis flavistriga</i>	+			
11130	<i>Baetis intercalaris</i>	+			
13400	<i>Stenacron sp</i>	+			
44501	<i>Corixidae</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
63300	<i>Hydroporus sp</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84460	<i>Polypedilum (P.) fallax group</i>	+			
84480	<i>Polypedilum (P.) laetum group</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 24
No. Qualitative Taxa: 24	ICI:
Number of Organisms: 0	Qual EPT: 6

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/20/2005 River Code: 04-199 RM: 5.60 Site: Cessna Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
05900	<i>Lirceus sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 43
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	No. Qualitative Taxa: 43		ICI:
08601	<i>Hydrachnidia</i>	+	Number of Organisms: 0		Qual EPT: 13
11120	<i>Baetis flavistriga</i>	+			
11130	<i>Baetis intercalaris</i>	+			
11200	<i>Callibaetis sp</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
45300	<i>Sigara sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52430	<i>Ceratopsyche morosa group</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53800	<i>Hydroptila sp</i>	+			
57400	<i>Neophylax sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
60400	<i>Gyrinus sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
65800	<i>Berosus sp</i>	+			
67000	<i>Helophorus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
68702	<i>Dubiraphia bivittata</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
71910	<i>Tipula abdominalis</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77800	<i>Helopelopia sp</i>	+			
78500	<i>Paramerina fragilis</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
81690	<i>Paratrichocladius sp</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
87540	<i>Hemerodromia sp</i>	+			
95100	<i>Physella sp</i>	+			
96900	<i>Ferrissia sp</i>	+			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/20/2005 River Code: 04-199 RM: 3.10 Site: Cessna Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	95100	<i>Physella sp</i>	+
04935	<i>Erpobdella punctata punctata</i>	+	98600	<i>Sphaerium sp</i>	+
05900	<i>Lirceus sp</i>	+	99100	<i>Pyganodon grandis</i>	+
06201	<i>Hyalella azteca</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	No. Quantitative Taxa: 0		Total Taxa: 47
11120	<i>Baetis flavistriga</i>	+	No. Qualitative Taxa: 47		ICI:
11130	<i>Baetis intercalaris</i>	+	Number of Organisms: 0		Qual EPT: 16
11200	<i>Callibaetis sp</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
43300	<i>Ranatra sp</i>	+			
45300	<i>Sigara sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53800	<i>Hydroptila sp</i>	+			
57400	<i>Neophylax sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59300	<i>Mystacides sp</i>	+			
59520	<i>Oecetis cinerascens</i>	+			
59570	<i>Oecetis nocturna</i>	+			
59728	<i>Triaenodes marginatus</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
65800	<i>Berosus sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68300	<i>Cyphon sp</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69225	<i>Optioservus fastiditus</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77800	<i>Helopelopia sp</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84750	<i>Stictochironomus sp</i>	+			
84960	<i>Pseudochironomus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/30/2005 River Code: 04-199 RM: 0.50 Site: Cessna Creek Co. Rd. 159

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03360	<i>Plumatella sp</i>	+			
04664	<i>Helobdella stagnalis</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
16700	<i>Tricorythodes sp</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
24900	<i>Gomphus sp</i>	+			
42700	<i>Belostoma sp</i>	+			
57400	<i>Neophylax sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
60900	<i>Peltodytes sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
69400	<i>Stenelmis sp</i>	+			
82141	<i>Thienemanniella xena</i>	+			
82885	<i>Cryptotendipes pseudotener</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
87400	<i>Stratiomys sp</i>	+			
95100	<i>Physella sp</i>	+			
98600	<i>Sphaerium sp</i>	+			
99100	<i>Pyganodon grandis</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 24
No. Qualitative Taxa: 24	ICI:
Number of Organisms: 0	Qual EPT: 6

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/20/2005 River Code: 04-247 RM: 0.50 Site: Aurand Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03600	<i>Oligochaeta</i>	+			
05900	<i>Lirceus sp</i>	+			
06201	<i>Hyalella azteca</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
08601	<i>Hydrachnidia</i>	+			
11001	<i>Baetidae</i>	+			
17200	<i>Caenis sp</i>	+			
23704	<i>Anax junius</i>	+			
42700	<i>Belostoma sp</i>	+			
45100	<i>Palmacorixa sp</i>	+			
47600	<i>Sialis sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52430	<i>Ceratopsyche morosa group</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
57400	<i>Neophylax sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59970	<i>Petrophila sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68300	<i>Cyphon sp</i>	+			
68702	<i>Dubiraphia bivittata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69400	<i>Stenelmis sp</i>	+			
79100	<i>Thienemannimyia group</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85230	<i>Cladotanytarsus mancus group</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85800	<i>Tanytarsus sp</i>	+			
94400	<i>Fossaria sp</i>	+			
95100	<i>Physella sp</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 39
 No. Qualitative Taxa: 39 ICI:
 Number of Organisms: 0 Qual EPT: 8

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/21/2005 River Code: 04-248 RM: 3.00 Site: Shallow Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03600	<i>Oligochaeta</i>	+			
04664	<i>Helobdella stagnalis</i>	+			
04964	<i>Mooreobdella microstoma</i>	+			
05900	<i>Lirceus sp</i>	+			
07701	<i>Cambaridae</i>	+			
22001	<i>Coenagrionidae</i>	+			
28955	<i>Plathemis lydia</i>	+			
45300	<i>Sigara sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
45900	<i>Notonecta sp</i>	+			
63900	<i>Laccophilus sp</i>	+			
65800	<i>Berosus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77355	<i>Clinotanypus pinguis</i>	+			
79020	<i>Tanypus neopunctipennis</i>	+			
95100	<i>Physella sp</i>	+			
98200	<i>Pisidium sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 20
No. Qualitative Taxa: 20	ICI:
Number of Organisms: 0	Qual EPT: 0

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/21/2005 River Code: 04-248 RM: 0.90 Site: Shallow Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
02600	<i>Nematomorpha</i>	+			
03600	<i>Oligochaeta</i>	+			
04664	<i>Helobdella stagnalis</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
04964	<i>Mooreobdella microstoma</i>	+			
07701	<i>Cambaridae</i>	+			
11200	<i>Callibaetis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
28955	<i>Plathemis lydia</i>	+			
45300	<i>Sigara sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
65800	<i>Berosus sp</i>	+			
66500	<i>Enochrus sp</i>	+			
67000	<i>Helophorus sp</i>	+			
67500	<i>Laccobius sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77355	<i>Clinotanytus pinguis</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
93200	<i>Hydrobiidae</i>	+			
95907	<i>Gyraulus (Torquis) parvus</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 28
No. Qualitative Taxa: 28	ICI:
Number of Organisms: 0	Qual EPT: 1

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/01/2005 River Code: 04-256 RM: 0.80 Site: Higbie-Redick Ditch

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	+	87400	<i>Stratiomys sp</i>	+
02600	<i>Nematomorpha</i>	+	95100	<i>Physella sp</i>	+
03360	<i>Plumatella sp</i>	+	95907	<i>Gyraulus (Torquis) parvus</i>	+
03600	<i>Oligochaeta</i>	+	96264	<i>Planorbella (Pierosoma) pilsbryi</i>	+
04664	<i>Helobdella stagnalis</i>	+	96900	<i>Ferrissia sp</i>	+
04685	<i>Placobdella ornata</i>	+	98600	<i>Sphaerium sp</i>	+
06201	<i>Hyaella azteca</i>	+			
07800	<i>Cambarus sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 50
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	No. Qualitative Taxa: 50		ICI:
11200	<i>Callibaetis sp</i>	+	Number of Organisms: 0		Qual EPT: 7
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
23600	<i>Aeshna sp</i>	+			
27500	<i>Somatochlora sp</i>	+			
28955	<i>Plathemis lydia</i>	+			
42700	<i>Belostoma sp</i>	+			
45100	<i>Palmacorixa sp</i>	+			
45300	<i>Sigara sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
59728	<i>Triaenodes marginatus</i>	+			
60400	<i>Gyrinus sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
65800	<i>Berosus sp</i>	+			
67500	<i>Laccobius sp</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77355	<i>Clinotanypus pinguis</i>	+			
77500	<i>Conchapelopia sp</i>	+			
78140	<i>Labrundinia pilosella</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
78702	<i>Psectrotanypus dyari</i>	+			
80510	<i>Cricotopus (Isocladius) sylvestris group</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83003	<i>Dicrotendipes fumidus</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84750	<i>Stictochironomus sp</i>	+			

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/03/2005 River Code: 04-279 RM: 3.60 Site: Buckrun Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
02600	<i>Nematomorpha</i>	+			
03360	<i>Plumatella sp</i>	+			
04666	<i>Helobdella triserialis</i>	+			
04685	<i>Placobdella ornata</i>	+			
04964	<i>Mooreobdella microstoma</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
11120	<i>Baetis flavistriga</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
24710	<i>Dromogomphus spinosus</i>	+			
28955	<i>Plathemis lydia</i>	+			
42700	<i>Belostoma sp</i>	+			
45100	<i>Palmacorixa sp</i>	+			
47600	<i>Sialis sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53501	<i>Hydroptilidae</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59700	<i>Triaenodes sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
65800	<i>Berosus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77355	<i>Clinotanypus pinguis</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
95100	<i>Physella sp</i>	+			
95907	<i>Gyraulus (Torquis) parvus</i>	+			
96002	<i>Helisoma anceps anceps</i>	+			
98200	<i>Pisidium sp</i>	+			
98600	<i>Sphaerium sp</i>	+			
99100	<i>Pyganodon grandis</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 38
 No. Qualitative Taxa: 38 ICI:
 Number of Organisms: 0 Qual EPT: 10

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/05/2005 River Code: 04-280 RM: 0.40 Site: Miller City Cut-off

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03600	<i>Oligochaeta</i>	+			
04666	<i>Helobdella triserialis</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
04964	<i>Mooreobdella microstoma</i>	+			
05900	<i>Lirceus sp</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
13400	<i>Stenacron sp</i>	+			
18750	<i>Hexagenia limbata</i>	+			
22001	<i>Coenagrionidae</i>	+			
23704	<i>Anax junius</i>	+			
24900	<i>Gomphus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
65800	<i>Berosus sp</i>	+			
67000	<i>Helophorus sp</i>	+			
67700	<i>Paracymus sp</i>	+			
69400	<i>Stenelmis sp</i>	+			
77355	<i>Clinotanypus pinguis</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84800	<i>Tribelos jucundum</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
95100	<i>Physella sp</i>	+			
95907	<i>Gyraulus (Torquis) parvus</i>	+			
96264	<i>Planorbella (Pierosoma) pilsbryi</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 30
 No. Qualitative Taxa: 30 ICI:
 Number of Organisms: 0 Qual EPT: 3

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/06/2005 River Code: 04-281 RM: 0.20 Site: Buck Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03360	<i>Plumatella sp</i>	+			
04664	<i>Helobdella stagnalis</i>	+			
04685	<i>Placobdella ornata</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
05900	<i>Lirceus sp</i>	+			
08220	<i>Orconectes (Gremicambarus) immunis</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
13000	<i>Leucrocuta sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
23600	<i>Aeshna sp</i>	+			
45300	<i>Sigara sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
67000	<i>Helophorus sp</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
72340	<i>Dixella sp</i>	+			
78702	<i>Psectrotanypus dyari</i>	+			
79100	<i>Thienemannimyia group</i>	+			
81201	<i>Nanocladius (N.) sp</i>	+			
81632	<i>Parakiefferiella n.sp 2</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
95100	<i>Physella sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 32
 No. Qualitative Taxa: 32 ICI:
 Number of Organisms: 0 Qual EPT: 4

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/21/2005 River Code: 04-282 RM: 2.20 Site: Trib. to Blanchard R. (RM 79.75)

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03360	<i>Plumatella sp</i>	+			
03600	<i>Oligochaeta</i>	+			
04964	<i>Mooreobdella microstoma</i>	+			
06201	<i>Hyalella azteca</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
18750	<i>Hexagenia limbata</i>	+			
43205	<i>Nepa apiculata</i>	+			
51600	<i>Polycentropus sp</i>	+			
67000	<i>Helophorus sp</i>	+			
68702	<i>Dubiraphia bivittata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77355	<i>Clinotanytus pinguis</i>	+			
77500	<i>Conchapelopia sp</i>	+			
78655	<i>Procladius (Holotanytus) sp</i>	+			
80370	<i>Corynoneura lobata</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
82885	<i>Cryptotendipes pseudotener</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
95100	<i>Physella sp</i>	+			
96900	<i>Ferrissia sp</i>	+			
98200	<i>Pisidium sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 28
No. Qualitative Taxa: 28	ICI:
Number of Organisms: 0	Qual EPT: 5

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/21/2005 River Code: 04-283 RM: 1.80 Site: Trib. to Blanchard R. (RM 80.53)

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	+			
05900	<i>Lirceus sp</i>	+			
06201	<i>Hyalella azteca</i>	+			
07800	<i>Cambarus sp</i>	+			
45300	<i>Sigara sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
65800	<i>Berosus sp</i>	+			
67500	<i>Laccobius sp</i>	+			
68300	<i>Cyphon sp</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
74501	<i>Ceratopogonidae</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
78702	<i>Psectrotanypus dyari</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
83003	<i>Dicrotendipes fumidus</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	+			
84750	<i>Stictochironomus sp</i>	+			
95100	<i>Physella sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 19
No. Qualitative Taxa: 19	ICI:
Number of Organisms: 0	Qual EPT: 0

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/19/2005 River Code: 04-284 RM: 0.70 Site: Trib. to Blanchard R. (RM 100.38)

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03360	<i>Plumatella sp</i>	+			
04964	<i>Mooreobdella microstoma</i>	+			
22001	<i>Coenagrionidae</i>	+			
45300	<i>Sigara sp</i>	+			
59570	<i>Oecetis nocturna</i>	+			
65800	<i>Berosus sp</i>	+			
68700	<i>Dubiraphia sp</i>	+			
77355	<i>Clinotanypus pinguis</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
98200	<i>Pisidium sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 13
No. Qualitative Taxa: 13	ICI:
Number of Organisms: 0	Qual EPT: 1

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/02/2005 River Code: 04-287 RM: 1.20 Site: Rickenbach Ditch

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03360	<i>Plumatella sp</i>	+			
03600	<i>Oligochaeta</i>	+			
04664	<i>Helobdella stagnalis</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
05900	<i>Lirceus sp</i>	+			
06700	<i>Crangonyx sp</i>	+			
08220	<i>Orconectes (Gremicambarus) immunis</i>	+			
22001	<i>Coenagrionidae</i>	+			
23600	<i>Aeshna sp</i>	+			
43205	<i>Nepa apiculata</i>	+			
45300	<i>Sigara sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
63900	<i>Laccophilus sp</i>	+			
67700	<i>Paracymus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
68300	<i>Cyphon sp</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
74100	<i>Simulium sp</i>	+			
78140	<i>Labrundinia pilosella</i>	+			
81631	<i>Parakiefferiella n.sp 1</i>	+			
83045	<i>Dicrotendipes nervosus</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
94400	<i>Fossaria sp</i>	+			
95100	<i>Physella sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 29
 No. Qualitative Taxa: 29 ICI:
 Number of Organisms: 0 Qual EPT: 0

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 08/02/2005 River Code: 04-288 RM: 0.80 Site: Forest-Simpson Ditch

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
02600	<i>Nematomorpha</i>	+			
03600	<i>Oligochaeta</i>	+			
04960	<i>Mooreobdella sp</i>	+			
06201	<i>Hyalella azteca</i>	+			
07800	<i>Cambarus sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
23600	<i>Aeshna sp</i>	+			
42700	<i>Belostoma sp</i>	+			
43205	<i>Nepa apiculata</i>	+			
45300	<i>Sigara sp</i>	+			
45900	<i>Notonecta sp</i>	+			
63900	<i>Laccophilus sp</i>	+			
65800	<i>Berosus sp</i>	+			
67000	<i>Helophorus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
68300	<i>Cyphon sp</i>	+			
78702	<i>Psectrotanypus dyari</i>	+			
82770	<i>Chironomus (C.) riparius group</i>	+			
83330	<i>Glyptotendipes (G.) barbipes</i>	+			
86200	<i>Tabanus sp</i>	+			
95100	<i>Physella sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 21
No. Qualitative Taxa: 21	ICI:
Number of Organisms: 0	Qual EPT: 0

**Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection**

Collection Date: 07/21/2005 River Code: 04-289 RM: 0.80 Site: Little Cranberry Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03600	<i>Oligochaeta</i>	+			
04687	<i>Placobdella parasitica</i>	+			
05900	<i>Lirceus sp</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
08601	<i>Hydrachnidia</i>	+			
11200	<i>Callibaetis sp</i>	+			
13400	<i>Stenacron sp</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
23600	<i>Aeshna sp</i>	+			
23909	<i>Boyeria vinosa</i>	+			
45300	<i>Sigara sp</i>	+			
47600	<i>Sialis sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53800	<i>Hydroptila sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
60900	<i>Peltodytes sp</i>	+			
65800	<i>Berosus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
72700	<i>Anopheles sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77500	<i>Conchapelopia sp</i>	+			
78500	<i>Paramerina fragilis</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
78680	<i>Procladius (Psilotanypus) bellus</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85800	<i>Tanytarsus sp</i>	+			
86100	<i>Chrysops sp</i>	+			
87540	<i>Hemerodromia sp</i>	+			
95100	<i>Physella sp</i>	+			
96002	<i>Helisoma anceps anceps</i>	+			
98600	<i>Sphaerium sp</i>	+			

Appendix Table A-3.

Total catch summaries for
fish sampling locations in the
Blanchard River study area, 2005

Species List

River Code: 04-160 River Mile: 101.30 Time Fished: 2142 sec Dist Fished: 0.20 km	Stream: Blanchard River Location: Co. Rd. 80 Drainage: Basin: Maumee River	Sample Date: 2005 Date Range: 09/15/2005 No of Passes: 1 Sampler Type: E
---	--	--

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	5	7.50	0.31	0.07	1.79	9.60
Common Carp	G	O	M	T	1	1.50	0.06	0.06	1.42	38.00
Creek Chub	N	G	N	T	137	205.50	8.45	0.56	13.83	2.71
Redfin Shiner	N	I	N		14	21.00	0.86	0.05	1.12	2.15
Silverjaw Minnow	N	I	M		172	258.00	10.61	0.39	9.56	1.49
Fathead Minnow	N	O	C	T	308	462.00	19.00	0.57	14.20	1.24
Bluntnose Minnow	N	O	C	T	582	873.00	35.90	1.14	28.23	1.30
Central Stoneroller	N	H	N		59	88.50	3.64	0.43	10.60	4.82
Yellow Bullhead		I	C	T	3	4.50	0.19	0.04	1.04	9.33
Tadpole Madtom		I	C		3	4.50	0.19	0.04	0.89	8.00
Blackstripe Topminnow		I	M		217	325.50	13.39	0.33	8.17	1.01
Rock Bass	S	C	C		1	1.50	0.06	0.00	0.05	1.00
Green Sunfish	S	I	C	T	8	12.00	0.49	0.17	4.10	13.75
Johnny Darter	D	I	C		31	46.50	1.91	0.08	1.86	1.61
Greenside Darter	D	I	S	M	1	1.50	0.06	0.00	0.05	1.00
Orangethroat Darter	D	I	S		78	117.00	4.81	0.13	3.10	1.07
Fantail Darter	D	I	C		1	1.50	0.06	0.00	0.05	1.00
<i>Mile Total</i>					1,621	2,431.50		4.03		
<i>Number of Species</i>					17					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-160	Stream: Blanchard River	Sample Date: 2005
River Mile: 97.50	Location: Musgrave Rd.	Date Range: 09/15/2005
Time Fished: 1795 sec	Drainage: 43.0 sq mi	
Dist Fished: 0.20 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	5	7.50	0.16	0.08	0.44	10.00
Creek Chub	N	G	N	T	74	111.00	2.40	0.57	3.33	5.15
Suckermouth Minnow	N	I	S		43	64.50	1.39	0.26	1.48	3.95
Redfin Shiner	N	I	N		19	28.50	0.62	0.07	0.41	2.47
Striped Shiner	N	I	S		69	103.50	2.24	0.27	1.59	2.64
Silverjaw Minnow	N	I	M		145	217.50	4.70	0.52	3.05	2.41
Fathead Minnow	N	O	C	T	32	48.00	1.04	0.13	0.77	2.74
Bluntnose Minnow	N	O	C	T	1,437	2,155.50	46.61	5.50	31.98	2.55
Central Stoneroller	N	H	N		615	922.50	19.95	4.27	24.82	4.63
Yellow Bullhead		I	C	T	57	85.50	1.85	1.50	8.72	17.54
Tadpole Madtom		I	C		1	1.50	0.03	0.01	0.05	5.00
Blackstripe Topminnow		I	M		39	58.50	1.27	0.10	0.56	1.64
Rock Bass	S	C	C		30	45.00	0.97	1.40	8.12	31.03
Smallmouth Bass	F	C	C	M	1	1.50	0.03	0.03	0.19	22.00
Green Sunfish	S	I	C	T	33	49.50	1.07	0.72	4.17	14.48
Longear Sunfish	S	I	C	M	56	84.00	1.82	0.53	3.07	6.29
Blackside Darter	D	I	S		4	6.00	0.13	0.05	0.26	7.50
Johnny Darter	D	I	C		96	144.00	3.11	0.23	1.33	1.59
Greenside Darter	D	I	S	M	258	387.00	8.37	0.75	4.38	1.95
Rainbow Darter	D	I	S	M	27	40.50	0.88	0.09	0.52	2.22
Orangethroat Darter	D	I	S		14	21.00	0.45	0.06	0.35	2.86
Fantail Darter	D	I	C		28	42.00	0.91	0.08	0.45	1.82
<i>Mile Total</i>					3,083	4,624.50		17.20		
<i>Number of Species</i>					22					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-160	Stream: Blanchard River	Sample Date: 2005
River Mile: 95.60	Location: adj. Co. Rd. 183	Date Range: 09/15/2005
Time Fished: 2400 sec	Drainage: 61.0 sq mi	
Dist Fished: 0.17 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Redfin Pickerel		P	M P	1	1.77	0.04	0.15	1.07	85.00
White Sucker	W	O	S T	44	77.65	1.88	0.47	3.36	6.07
Creek Chub	N	G	N T	11	19.41	0.47	0.24	1.73	12.45
Suckermouth Minnow	N	I	S	3	5.29	0.13	0.02	0.14	3.67
Redfin Shiner	N	I	N	58	102.35	2.48	0.17	1.23	1.68
Striped Shiner	N	I	S	26	45.88	1.11	0.10	0.71	2.17
Silverjaw Minnow	N	I	M	128	225.88	5.48	0.43	3.10	1.92
Fathead Minnow	N	O	C T	151	266.47	6.46	0.55	3.94	2.07
Bluntnose Minnow	N	O	C T	1,541	2,719.41	65.97	9.18	65.55	3.37
Central Stoneroller	N	H	N	59	104.12	2.53	0.54	3.85	5.17
Yellow Bullhead		I	C T	6	10.59	0.26	0.13	0.94	12.50
Blackstripe Topminnow		I	M	5	8.82	0.21	0.02	0.13	2.00
Rock Bass	S	C	C	5	8.82	0.21	0.04	0.31	5.00
Smallmouth Bass	F	C	C M	8	14.12	0.34	0.32	2.27	22.50
Green Sunfish	S	I	C T	10	17.65	0.43	0.33	2.32	18.40
Longear Sunfish	S	I	C M	43	75.88	1.84	0.75	5.33	9.83
Blackside Darter	D	I	S	2	3.53	0.09	0.02	0.13	5.00
Johnny Darter	D	I	C	184	324.71	7.88	0.32	2.27	0.98
Greenside Darter	D	I	S M	34	60.00	1.46	0.17	1.24	2.88
Rainbow Darter	D	I	S M	9	15.88	0.39	0.02	0.13	1.11
Fantail Darter	D	I	C	8	14.12	0.34	0.04	0.25	2.50
<i>Mile Total</i>				2,336	4,122.35		14.00		
<i>Number of Species</i>				21					
<i>Number of Hybrids</i>				0					

Species List

River Code: 04-160	Stream: Blanchard River	Sample Date: 2005
River Mile: 88.30	Location: Hardin/Hancock Co. Line Rd.	Date Range: 09/14/2005
Time Fished: 1832 sec	Drainage: 80.0 sq mi	
Dist Fished: 0.20 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Redfin Pickerel		P	M	P	7	10.50	1.02	0.17	0.48	15.71
Black Redhorse	R	I	S	I	1	1.50	0.15	0.51	1.47	340.00
Golden Redhorse	R	I	S	M	11	16.50	1.60	6.36	18.34	385.56
White Sucker	W	O	S	T	19	28.50	2.76	8.27	23.83	290.09
Spotted Sucker	R	I	S		4	6.00	0.58	0.91	2.62	151.25
Creek Chub	N	G	N	T	23	34.50	3.34	0.21	0.61	6.13
Redfin Shiner	N	I	N		96	144.00	13.95	0.17	0.50	1.20
Spotfin Shiner	N	I	M		1	1.50	0.15	0.01	0.02	4.00
Bluntnose Minnow	N	O	C	T	104	156.00	15.12	0.30	0.87	1.93
Yellow Bullhead		I	C	T	24	36.00	3.49	3.65	10.53	101.43
Brindled Madtom		I	C	I	4	6.00	0.58	0.08	0.24	14.00
Blackstripe Topminnow		I	M		18	27.00	2.62	0.03	0.09	1.11
Rock Bass	S	C	C		30	45.00	4.36	3.30	9.51	73.33
Smallmouth Bass	F	C	C	M	6	9.00	0.87	3.57	10.30	397.00
Largemouth Bass	F	C	C		4	6.00	0.58	0.07	0.19	10.75
Green Sunfish	S	I	C	T	66	99.00	9.59	3.58	10.31	36.14
Longear Sunfish	S	I	C	M	188	282.00	27.33	3.18	9.16	11.27
Blackside Darter	D	I	S		7	10.50	1.02	0.06	0.18	5.86
Logperch	D	I	S	M	3	4.50	0.44	0.06	0.16	12.67
Johnny Darter	D	I	C		14	21.00	2.03	0.04	0.11	1.82
Greenside Darter	D	I	S	M	42	63.00	6.10	0.11	0.33	1.81
Rainbow Darter	D	I	S	M	12	18.00	1.74	0.05	0.16	3.00
Fantail Darter	D	I	C		4	6.00	0.58	0.01	0.03	1.67
<i>Mile Total</i>					688	1,032.00		34.70		
<i>Number of Species</i>					23					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-160	Stream: Blanchard River	Sample Date: 2005
River Mile: 82.10	Location:	Date Range: 09/14/2005
Time Fished: 2700 sec	Drainage: 91.0 sq mi	
Dist Fished: 0.20 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Redfin Pickerel		P	M	P	1	1.50	0.15	0.10	2.20	65.00
White Sucker	W	O	S	T	29	43.50	4.31	0.33	7.34	7.52
Creek Chub	N	G	N	T	41	61.50	6.09	0.53	11.79	8.54
Suckermouth Minnow	N	I	S		13	19.50	1.93	0.10	2.34	5.33
Scarlet Shiner	N	I	S	M	15	22.50	2.23	0.07	1.48	2.93
Spotfin Shiner	N	I	M		13	19.50	1.93	0.10	2.16	4.92
Silverjaw Minnow	N	I	M		31	46.50	4.61	0.16	3.64	3.48
Bluntnose Minnow	N	O	C	T	265	397.50	39.38	0.70	15.81	1.77
Central Stoneroller	N	H	N		57	85.50	8.47	0.23	5.23	2.72
Yellow Bullhead		I	C	T	6	9.00	0.89	0.30	6.67	33.00
Brindled Madtom		I	C	I	2	3.00	0.30	0.04	0.94	14.00
Rock Bass	S	C	C		5	7.50	0.74	0.64	14.33	85.00
Smallmouth Bass	F	C	C	M	20	30.00	2.97	0.33	7.46	11.05
Green Sunfish	S	I	C	T	15	22.50	2.23	0.24	5.46	10.80
Bluegill Sunfish	S	I	C	P	3	4.50	0.45	0.01	0.31	3.00
Longear Sunfish	S	I	C	M	11	16.50	1.63	0.11	2.36	6.36
Blackside Darter	D	I	S		1	1.50	0.15	0.02	0.34	10.00
Johnny Darter	D	I	C		45	67.50	6.69	0.09	2.07	1.36
Greenside Darter	D	I	S	M	69	103.50	10.25	0.25	5.57	2.39
Rainbow Darter	D	I	S	M	21	31.50	3.12	0.08	1.77	2.50
Fantail Darter	D	I	C		10	15.00	1.49	0.04	0.81	2.40
<i>Mile Total</i>					673	1,009.50		4.45		
<i>Number of Species</i>					21					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-160	Stream: Blanchard River	Sample Date: 2005
River Mile: 75.60	Location: St. Rt. 37	Date Range: 09/14/2005
Time Fished: 2273 sec	Drainage:	
Dist Fished: 0.20 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Gizzard Shad		O	M	9	13.50	1.41	0.24	0.19	17.56
Black Redhorse	R	I	S I	9	13.50	1.41	4.66	3.74	344.89
Golden Redhorse	R	I	S M	11	16.50	1.72	2.07	1.66	125.18
White Sucker	W	O	S T	1	1.50	0.16	0.17	0.14	115.00
Spotted Sucker	R	I	S	10	15.00	1.56	1.64	1.32	109.50
Common Carp	G	O	M T	24	36.00	3.76	104.50	83.84	2,902.78
Redfin Shiner	N	I	N	1	1.50	0.16	0.15	0.12	97.00
Bluntnose Minnow	N	O	C T	305	457.50	47.73	0.43	0.34	0.93
Yellow Bullhead		I	C T	5	7.50	0.78	0.89	0.72	119.20
Brindled Madtom		I	C I	3	4.50	0.47	0.04	0.03	9.33
White Crappie	S	I	C	1	1.50	0.16	0.32	0.25	210.00
Rock Bass	S	C	C	67	100.50	10.49	4.34	3.48	43.18
Smallmouth Bass	F	C	C M	5	7.50	0.78	2.03	1.63	270.80
Largemouth Bass	F	C	C	2	3.00	0.31	0.65	0.52	218.00
Green Sunfish	S	I	C T	29	43.50	4.54	0.93	0.75	21.43
Bluegill Sunfish	S	I	C P	1	1.50	0.16	0.02	0.01	10.00
Orangespotted Sunfish	S	I	C	1	1.50	0.16	0.02	0.02	15.00
Longear Sunfish	S	I	C M	90	135.00	14.08	0.86	0.69	6.40
Green Sf X Longear Sf				3	4.50	0.47	0.40	0.32	88.67
Blackside Darter	D	I	S	11	16.50	1.72	0.09	0.07	5.45
Logperch	D	I	S M	1	1.50	0.16	0.06	0.05	40.00
Johnny Darter	D	I	C	23	34.50	3.60	0.07	0.05	1.91
Greenside Darter	D	I	S M	19	28.50	2.97	0.06	0.05	2.11
Rainbow Darter	D	I	S M	6	9.00	0.94	0.01	0.01	1.25
Fantail Darter	D	I	C	2	3.00	0.31	0.01	0.00	1.50
<i>Mile Total</i>				639	958.50		124.65		
<i>Number of Species</i>				24					
<i>Number of Hybrids</i>				1					

River Code: 04-160	Stream: Blanchard River	Sample Date: 2005
River Mile: 71.90	Location: Twp. Rd. 166	Date Range: 09/15/2005
Time Fished: 2128 sec	Drainage: 145.0 sq mi	
Dist Fished: 0.20 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Golden Redhorse	R	I	S	M	57	85.50	8.65	0.28	5.66	3.23
Northern Hog Sucker	R	I	S	M	1	1.50	0.15	0.01	0.12	4.00
White Sucker	W	O	S	T	2	3.00	0.30	0.04	0.78	12.50
Creek Chub	N	G	N	T	42	63.00	6.37	0.22	4.53	3.50
Suckermouth Minnow	N	I	S		7	10.50	1.06	0.06	1.23	5.71
Redfin Shiner	N	I	N		84	126.00	12.75	0.19	3.93	1.52
Striped Shiner	N	I	S		13	19.50	1.97	0.06	1.17	2.92
Spotfin Shiner	N	I	M		35	52.50	5.31	0.18	3.73	3.47
Silverjaw Minnow	N	I	M		38	57.00	5.77	0.15	3.05	2.61
Bluntnose Minnow	N	O	C	T	160	240.00	24.28	0.52	10.64	2.16
Central Stoneroller	N	H	N		1	1.50	0.15	0.00	0.06	2.00
Yellow Bullhead		I	C	T	4	6.00	0.61	0.11	2.27	18.50
Brindled Madtom		I	C	I	5	7.50	0.76	0.08	1.70	11.00
Blackstripe Topminnow		I	M		1	1.50	0.15	0.00	0.04	1.00
Rock Bass	S	C	C		4	6.00	0.61	1.73	35.35	287.50
Smallmouth Bass	F	C	C	M	12	18.00	1.82	0.28	5.78	15.67
Green Sunfish	S	I	C	T	6	9.00	0.91	0.17	3.38	18.33
Longear Sunfish	S	I	C	M	8	12.00	1.21	0.16	3.32	13.50
Green Sf X Longear Sf					8	12.00	1.21	0.14	2.93	11.88
Blackside Darter	D	I	S		6	9.00	0.91	0.05	1.05	5.67
Johnny Darter	D	I	C		27	40.50	4.10	0.05	1.05	1.26
Greenside Darter	D	I	S	M	90	135.00	13.66	0.29	5.84	2.11
Rainbow Darter	D	I	S	M	37	55.50	5.61	0.10	2.07	1.83
Fantail Darter	D	I	C		11	16.50	1.67	0.02	0.37	1.09
<i>Mile Total</i>					659	988.50		4.88		
<i>Number of Species</i>					23					
<i>Number of Hybrids</i>					1					

Species List

River Code: 04-160	Stream: Blanchard River	Sample Date: 2005
River Mile: 61.90	Location: adj. Twp. Rd. 208	Date Range: 10/06/2005
Time Fished: 1871 sec	Drainage: 238.0 sq mi	
Dist Fished: 0.20 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Golden Redhorse	R	I	S M	12	18.00	2.60	0.05	0.29	2.50
Northern Hog Sucker	R	I	S M	21	31.50	4.55	0.21	1.35	6.76
Spotted Sucker	R	I	S	2	3.00	0.43	0.02	0.11	6.00
Common Carp	G	O	M T	2	3.00	0.43	10.43	66.20	3,475.00
Suckermouth Minnow	N	I	S	1	1.50	0.22	0.01	0.05	5.00
Fathead Minnow	N	O	C T	1	1.50	0.22	0.00	0.02	2.00
Bluntnose Minnow	N	O	C T	191	286.50	41.34	0.42	2.66	1.46
Central Stoneroller	N	H	N	7	10.50	1.52	0.03	0.18	2.71
Yellow Bullhead		I	C T	1	1.50	0.22	0.30	1.91	200.00
Brindled Madtom		I	C I	7	10.50	1.52	0.05	0.29	4.29
Rock Bass	S	C	C	13	19.50	2.81	0.53	3.38	27.31
Largemouth Bass	F	C	C	8	12.00	1.73	1.19	7.58	99.38
Green Sunfish	S	I	C T	13	19.50	2.81	0.09	0.57	4.58
Bluegill Sunfish	S	I	C P	37	55.50	8.01	1.95	12.38	35.14
Longear Sunfish	S	I	C M	16	24.00	3.46	0.17	1.07	7.00
Hybrid X Sunfish				1	1.50	0.22	0.02	0.15	15.00
Blackside Darter	D	I	S	6	9.00	1.30	0.03	0.21	3.67
Logperch	D	I	S M	21	31.50	4.55	0.12	0.76	3.81
Johnny Darter	D	I	C	5	7.50	1.08	0.01	0.04	0.80
Greenside Darter	D	I	S M	40	60.00	8.66	0.07	0.45	1.18
Rainbow Darter	D	I	S M	50	75.00	10.82	0.05	0.30	0.63
Fantail Darter	D	I	C	7	10.50	1.52	0.01	0.08	1.14
<i>Mile Total</i>				462	693.00		15.75		
<i>Number of Species</i>				21					
<i>Number of Hybrids</i>				1					

Species List

Page 9

River Code: 04-160	Stream: Blanchard River	Sample Date: 2005
River Mile: 57.80	Location: Main St.	Date Range: 07/06/2005
Time Fished: 8102 sec	Drainage:	Thru: 10/19/2005
Dist Fished: 1.00 km	Basin: Maumee River	No of Passes: 2
		Sampler Type: A

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Gizzard Shad		O	M	174	174.00	22.51	3.20	2.15	18.39
Bigmouth Buffalo	C	I	M	3	3.00	0.39	10.30	6.92	3,433.33
Quillback	C	O	M	13	13.00	1.68	8.03	5.39	617.31
Golden Redhorse	R	I	S M	37	37.00	4.79	13.01	8.74	351.54
White Sucker	W	O	S T	19	19.00	2.46	6.22	4.18	327.37
Spotted Sucker	R	I	S	36	36.00	4.66	11.70	7.86	324.86
Common Carp	G	O	M T	27	27.00	3.49	56.90	38.24	2,107.41
Golden Shiner	N	I	M T	57	57.00	7.37	0.59	0.39	10.29
Redfin Shiner	N	I	N	3	3.00	0.39	0.01	0.00	2.33
Spotfin Shiner	N	I	M	25	25.00	3.23	0.10	0.07	3.95
Bluntnose Minnow	N	O	C T	53	53.00	6.86	0.12	0.08	2.18
Yellow Bullhead		I	C T	4	4.00	0.52	0.74	0.50	185.00
White Crappie	S	I	C	8	8.00	1.03	1.70	1.14	211.88
Rock Bass	S	C	C	12	12.00	1.55	0.71	0.48	59.17
Largemouth Bass	F	C	C	58	58.00	7.50	10.05	6.76	173.35
Green Sunfish	S	I	C T	47	47.00	6.08	1.24	0.84	26.44
Bluegill Sunfish	S	I	C P	137	137.00	17.72	7.28	4.89	53.15
Orangespotted Sunfish	S	I	C	13	13.00	1.68	0.07	0.05	5.54
Longear Sunfish	S	I	C M	28	28.00	3.62	0.30	0.20	10.57
Green Sf X Bluegill Sf				1	1.00	0.13	0.20	0.13	195.00
Longear Sf X Bluegill Sf				1	1.00	0.13	0.06	0.04	55.00
Green Sf X Longear Sf				1	1.00	0.13	0.11	0.08	112.00
Logperch	D	I	S M	4	4.00	0.52	0.01	0.01	3.00
Freshwater Drum			M P	12	12.00	1.55	16.18	10.87	1,347.92
<i>Mile Total</i>				773	773.00		148.79		
<i>Number of Species</i>				21					
<i>Number of Hybrids</i>				3					

Species List

River Code: 04-160	Stream: Blanchard River	Sample Date: 2005
River Mile: 57.30	Location: upst. Findlay WWTP, dst. dam	Date Range: 07/06/2005
Time Fished: 6900 sec	Drainage: 336.0 sq mi	Thru: 10/14/2005
Dist Fished: 0.92 km	Basin: Maumee River	No of Passes: 2
		Sampler Type: A

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Gizzard Shad		O	M	44	51.05	5.32	1.02	0.47	20.95
Quillback	C	O	M	5	5.57	0.58	2.81	1.30	557.60
Golden Redhorse	R	I	S M	107	113.67	11.84	46.94	21.72	413.96
Northern Hog Sucker	R	I	S M	7	7.95	0.83	2.08	0.96	258.86
White Sucker	W	O	S T	26	28.48	2.97	6.91	3.20	244.71
Spotted Sucker	R	I	S	64	69.91	7.28	20.64	9.55	290.88
Common Carp	G	O	M T	51	52.33	5.45	83.61	38.70	1,587.76
Golden Shiner	N	I	M T	7	8.33	0.87	0.02	0.01	1.86
Redfin Shiner	N	I	N	4	4.00	0.42	0.01	0.00	2.25
Scarlet Shiner	N	I	S M	1	1.19	0.12	0.00	0.00	1.00
Spotfin Shiner	N	I	M	28	28.57	2.98	0.09	0.04	3.04
Bluntnose Minnow	N	O	C T	70	78.19	8.15	0.18	0.08	2.29
Channel Catfish	F		C	5	5.76	0.60	3.08	1.43	519.60
Yellow Bullhead		I	C T	3	3.19	0.33	0.69	0.32	214.00
Blackstripe Topminnow		I	M	4	4.76	0.50	0.01	0.00	1.00
White Crappie	S	I	C	11	11.95	1.25	2.45	1.13	203.45
Black Crappie	S	I	C	1	1.19	0.12	0.17	0.08	140.00
Rock Bass	S	C	C	23	25.67	2.67	2.59	1.20	98.44
Smallmouth Bass	F	C	C M	38	41.05	4.28	1.64	0.76	37.07
Largemouth Bass	F	C	C	40	44.95	4.68	7.74	3.58	167.64
Green Sunfish	S	I	C T	17	18.71	1.95	0.56	0.26	30.49
Bluegill Sunfish	S	I	C P	204	233.14	24.29	21.44	9.92	91.38
Orangespotted Sunfish	S	I	C	14	15.71	1.64	0.14	0.07	9.29
Longear Sunfish	S	I	C M	34	39.52	4.12	0.39	0.18	10.42
Green Sf X Bluegill Sf				3	3.00	0.31	0.26	0.12	86.67
Bluegill X Orangespot				1	1.00	0.10	0.04	0.02	42.00
Green Sf X Longear Sf				7	8.33	0.87	0.53	0.25	63.57
Hybrid X Sunfish				3	3.57	0.37	0.38	0.17	105.00
Blackside Darter	D	I	S	4	4.19	0.44	0.01	0.01	3.00
Logperch	D	I	S M	22	22.76	2.37	0.22	0.10	9.63
Johnny Darter	D	I	C	1	1.00	0.10	0.00	0.00	2.00
Greenside Darter	D	I	S M	2	2.00	0.21	0.01	0.00	2.50
Freshwater Drum			M P	18	18.95	1.97	9.44	4.37	501.11
<i>Mile Total</i>				869	959.67		216.07		
<i>Number of Species</i>				29					
<i>Number of Hybrids</i>				4					

Species List

River Code: 04-160	Stream: Blanchard River	Sample Date: 2005
River Mile: 56.80	Location: just dst. Findlay WWTP	Date Range: 07/06/2005
Time Fished: 2577 sec	Drainage: 336.0 sq mi	
Dist Fished: 0.50 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: A

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Gizzard Shad		O	M	5	10.00	2.31	2.38	1.68	238.00
Quillback	C	O	M	13	26.00	6.02	15.71	11.09	604.23
Golden Redhorse	R	I	S M	53	106.00	24.54	34.61	24.43	326.50
Northern Hog Sucker	R	I	S M	1	2.00	0.46	0.60	0.42	298.00
White Sucker	W	O	S T	14	28.00	6.48	5.00	3.53	178.57
Spotted Sucker	R	I	S	17	34.00	7.87	7.50	5.29	220.59
Common Carp	G	O	M T	14	28.00	6.48	55.05	38.86	1,966.07
Spotfin Shiner	N	I	M	18	36.00	8.33	0.16	0.11	4.44
Bluntnose Minnow	N	O	C T	3	6.00	1.39	0.01	0.01	2.33
White Crappie	S	I	C	2	4.00	0.93	0.84	0.59	210.00
Rock Bass	S	C	C	4	8.00	1.85	0.40	0.28	50.00
Smallmouth Bass	F	C	C M	5	10.00	2.31	0.02	0.01	2.00
Largemouth Bass	F	C	C	2	4.00	0.93	0.07	0.05	17.50
Green Sunfish	S	I	C T	13	26.00	6.02	0.76	0.54	29.23
Bluegill Sunfish	S	I	C P	29	58.00	13.43	3.72	2.63	64.17
Longear Sunfish	S	I	C M	3	6.00	1.39	0.08	0.06	13.33
Green Sf X Bluegill Sf				2	4.00	0.93	0.30	0.21	75.00
Logperch	D	I	S M	3	6.00	1.39	0.04	0.03	6.67
Johnny Darter	D	I	C	1	2.00	0.46	0.00	0.00	2.00
Freshwater Drum			M P	14	28.00	6.48	14.42	10.18	515.00
<i>Mile Total</i>				216	432.00		141.68		
<i>Number of Species</i>				19					
<i>Number of Hybrids</i>				1					

Species List

River Code: 04-160	Stream: Blanchard River	Sample Date: 2005
River Mile: 54.70	Location:	Date Range: 07/11/2005
Time Fished: 4870 sec	Drainage:	Thru: 10/14/2005
Dist Fished: 1.00 km	Basin: Maumee River	No of Passes: 2
		Sampler Type: A

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Golden Redhorse	R	I	S	M	1	1.00	0.16	0.30	0.74	297.00
Northern Hog Sucker	R	I	S	M	6	6.00	0.94	0.70	1.74	116.50
White Sucker	W	O	S	T	4	4.00	0.63	0.97	2.40	241.50
Spotted Sucker	R	I	S		1	1.00	0.16	0.14	0.35	140.00
Common Carp	G	O	M	T	8	8.00	1.25	25.28	62.77	3,159.38
Creek Chub	N	G	N	T	1	1.00	0.16	0.01	0.01	6.00
Emerald Shiner	N	I	M		11	11.00	1.72	0.12	0.29	10.64
Redfin Shiner	N	I	N		13	13.00	2.03	0.05	0.12	3.85
Striped Shiner	N	I	S		1	1.00	0.16	0.00	0.01	3.00
Spotfin Shiner	N	I	M		162	162.00	25.31	0.54	1.34	3.32
Bluntnose Minnow	N	O	C	T	145	145.00	22.66	0.41	1.02	2.82
Yellow Bullhead		I	C	T	6	6.00	0.94	0.78	1.93	129.33
Blackstripe Topminnow		I	M		6	6.00	0.94	0.03	0.07	4.80
Rock Bass	S	C	C		108	108.00	16.88	8.01	19.89	74.16
Smallmouth Bass	F	C	C	M	17	17.00	2.66	0.33	0.82	19.53
Largemouth Bass	F	C	C		7	7.00	1.09	0.24	0.60	34.57
Green Sunfish	S	I	C	T	39	39.00	6.09	0.82	2.05	21.13
Bluegill Sunfish	S	I	C	P	20	20.00	3.13	0.16	0.39	7.79
Orangespotted Sunfish	S	I	C		1	1.00	0.16	0.00	0.00	2.00
Longear Sunfish	S	I	C	M	71	71.00	11.09	1.31	3.26	18.49
Blackside Darter	D	I	S		3	3.00	0.47	0.01	0.02	3.33
Logperch	D	I	S	M	5	5.00	0.78	0.07	0.16	13.00
Johnny Darter	D	I	C		1	1.00	0.16	0.00	0.00	1.00
Greenside Darter	D	I	S	M	3	3.00	0.47	0.01	0.01	1.67
<i>Mile Total</i>					640	640.00		40.26		
<i>Number of Species</i>					24					
<i>Number of Hybrids</i>					0					

River Code: 04-160	Stream: Blanchard River	Sample Date: 2005
River Mile: 49.80	Location: Co. Rd. 128	Date Range: 07/11/2005
Time Fished: 7006 sec	Drainage: 378.0 sq mi	Thru: 10/19/2005
Dist Fished: 1.00 km	Basin: Maumee River	No of Passes: 2
		Sampler Type: A

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Gizzard Shad		O	M	256	256.00	27.56	5.11	2.03	19.95
Quillback	C	O	M	16	16.00	1.72	8.05	3.20	503.13
Golden Redhorse	R	I	S M	136	136.00	14.64	42.14	16.77	309.84
Northern Hog Sucker	R	I	S M	16	16.00	1.72	3.89	1.55	242.99
White Sucker	W	O	S T	89	89.00	9.58	21.30	8.48	239.30
Spotted Sucker	R	I	S	47	47.00	5.06	10.15	4.04	216.03
Common Carp	G	O	M T	86	86.00	9.26	112.58	44.81	1,309.01
Emerald Shiner	N	I	M	13	13.00	1.40	0.10	0.04	7.69
Redfin Shiner	N	I	N	2	2.00	0.22	0.00	0.00	2.00
Spotfin Shiner	N	I	M	48	48.00	5.17	0.24	0.10	5.04
Silverjaw Minnow	N	I	M	1	1.00	0.11	0.00	0.00	3.00
Bluntnose Minnow	N	O	C T	25	25.00	2.69	0.08	0.03	3.25
Channel Catfish	F		C	7	7.00	0.75	5.20	2.07	742.86
Yellow Bullhead		I	C T	3	3.00	0.32	0.50	0.20	165.00
Rock Bass	S	C	C	63	63.00	6.78	5.30	2.11	84.06
Smallmouth Bass	F	C	C M	24	24.00	2.58	5.74	2.29	239.36
Largemouth Bass	F	C	C	2	2.00	0.22	0.49	0.19	242.50
Green Sunfish	S	I	C T	8	8.00	0.86	0.09	0.04	11.25
Bluegill Sunfish	S	I	C P	3	3.00	0.32	0.13	0.05	44.33
Longear Sunfish	S	I	C M	27	27.00	2.91	0.54	0.22	20.01
Blackside Darter	D	I	S	3	3.00	0.32	0.01	0.00	3.00
Logperch	D	I	S M	9	9.00	0.97	0.18	0.07	20.22
Greenside Darter	D	I	S M	1	1.00	0.11	0.00	0.00	3.00
Freshwater Drum			M P	44	44.00	4.74	29.40	11.70	668.18
<i>Mile Total</i>				929	929.00		251.22		
<i>Number of Species</i>				24					
<i>Number of Hybrids</i>				0					

Species List

River Code: 04-160	Stream: Blanchard River	Sample Date: 2005
River Mile: 46.50	Location: St. Rt. 235	Date Range: 07/13/2005
Time Fished: 10460 sec	Drainage: 387.0 sq mi	Thru: 10/13/2005
Dist Fished: 1.50 km	Basin: Maumee River	No of Passes: 3
		Sampler Type: A

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Gizzard Shad		O	M		105	70.00	8.79	0.93	0.73	13.33
Golden Redhorse	R	I	S	M	80	53.33	6.70	20.69	16.26	387.98
Northern Hog Sucker	R	I	S	M	37	24.67	3.10	5.36	4.21	217.27
White Sucker	W	O	S	T	59	39.33	4.94	13.07	10.27	332.20
Spotted Sucker	R	I	S		46	30.67	3.85	6.53	5.13	212.80
Common Carp	G	O	M	T	34	22.67	2.85	49.38	38.79	2,178.31
Creek Chub	N	G	N	T	3	2.00	0.25	0.02	0.02	9.67
Suckermouth Minnow	N	I	S		2	1.33	0.17	0.01	0.01	5.00
Emerald Shiner	N	I	M		10	6.67	0.84	0.09	0.07	13.40
Redfin Shiner	N	I	N		7	4.67	0.59	0.01	0.01	2.00
Scarlet Shiner	N	I	S	M	6	4.00	0.50	0.00	0.00	1.17
Spotfin Shiner	N	I	M		298	198.67	24.96	0.69	0.54	3.49
Sand Shiner	N	I	M	M	2	1.33	0.17	0.00	0.00	2.50
Fathead Minnow	N	O	C	T	1	0.67	0.08	0.00	0.00	2.00
Bluntnose Minnow	N	O	C	T	122	81.33	10.22	0.23	0.18	2.82
Central Stoneroller	N	H	N		1	0.67	0.08	0.01	0.01	20.00
Channel Catfish	F		C		23	15.33	1.93	7.20	5.66	469.61
Yellow Bullhead		I	C	T	4	2.67	0.34	0.58	0.46	217.75
Blackstripe Topminnow		I	M		2	1.33	0.17	0.00	0.00	2.00
White Crappie	S	I	C		2	1.33	0.17	0.20	0.16	153.00
Rock Bass	S	C	C		106	70.67	8.88	6.31	4.96	89.32
Smallmouth Bass	F	C	C	M	22	14.67	1.84	2.89	2.27	196.82
Largemouth Bass	F	C	C		10	6.67	0.84	0.47	0.37	70.50
Green Sunfish	S	I	C	T	66	44.00	5.53	0.99	0.78	22.57
Bluegill Sunfish	S	I	C	P	15	10.00	1.26	0.23	0.18	22.67
Orangespotted Sunfish	S	I	C		1	0.67	0.08	0.00	0.00	4.00
Longear Sunfish	S	I	C	M	99	66.00	8.29	1.33	1.04	20.12
Blackside Darter	D	I	S		3	2.00	0.25	0.01	0.00	3.00
Logperch	D	I	S	M	2	1.33	0.17	0.03	0.03	24.00
Greenside Darter	D	I	S	M	4	2.67	0.34	0.01	0.01	2.75
Freshwater Drum			M	P	22	14.67	1.84	10.02	7.87	682.91
<i>Mile Total</i>					1,194	796.00		127.29		
<i>Number of Species</i>					31					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-160	Stream: Blanchard River	Sample Date: 2005
River Mile: 41.30	Location: Co. Rd. 53	Date Range: 08/03/2005
Time Fished: 6988 sec	Drainage: 459.0 sq mi	Thru: 10/13/2005
Dist Fished: 1.00 km	Basin: Maumee River	No of Passes: 2
		Sampler Type: A

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Gizzard Shad		O	M	267	267.00	38.58	3.97	3.23	14.89
Quillback	C	O	M	3	3.00	0.43	1.51	1.23	503.00
Golden Redhorse	R	I	S M	45	45.00	6.50	18.57	15.10	412.62
Northern Hog Sucker	R	I	S M	5	5.00	0.72	1.14	0.93	228.80
White Sucker	W	O	S T	30	30.00	4.34	7.59	6.17	252.87
Spotted Sucker	R	I	S	70	70.00	10.12	15.25	12.40	217.81
Common Carp	G	O	M T	27	27.00	3.90	54.99	44.73	2,036.55
Emerald Shiner	N	I	M	1	1.00	0.14	0.01	0.00	6.00
Spotfin Shiner	N	I	M	32	32.00	4.62	0.07	0.06	2.31
Bluntnose Minnow	N	O	C T	41	41.00	5.92	0.06	0.05	1.43
Channel Catfish	F		C	6	6.00	0.87	3.97	3.23	661.67
Yellow Bullhead		I	C T	2	2.00	0.29	0.35	0.28	175.00
Blackstripe Topminnow		I	M	1	1.00	0.14	0.00	0.00	2.00
White Crappie	S	I	C	11	11.00	1.59	5.46	4.44	496.09
Rock Bass	S	C	C	31	31.00	4.48	2.44	1.98	78.62
Smallmouth Bass	F	C	C M	17	17.00	2.46	1.78	1.45	104.53
Largemouth Bass	F	C	C	3	3.00	0.43	0.62	0.50	206.67
Green Sunfish	S	I	C T	19	19.00	2.75	0.16	0.13	8.20
Bluegill Sunfish	S	I	C P	30	30.00	4.34	0.04	0.03	1.33
Orangespotted Sunfish	S	I	C	8	8.00	1.16	0.08	0.07	10.50
Longear Sunfish	S	I	C M	27	27.00	3.90	0.30	0.24	11.14
Green Sf X Hybrid				1	1.00	0.14	0.08	0.07	84.00
Blackside Darter	D	I	S	3	3.00	0.43	0.01	0.01	2.67
Logperch	D	I	S M	1	1.00	0.14	0.02	0.02	20.00
Freshwater Drum			M P	11	11.00	1.59	4.47	3.64	406.45
<i>Mile Total</i>				692	692.00		122.93		
<i>Number of Species</i>				24					
<i>Number of Hybrids</i>				1					

River Code: 04-160	Stream: Blanchard River	Sample Date: 2005
River Mile: 35.20	Location: Co. Rd. 5-F	Date Range: 08/03/2005
Time Fished: 8664 sec	Drainage: 508.0 sq mi	Thru: 10/18/2005
Dist Fished: 1.00 km	Basin: Maumee River	No of Passes: 2
		Sampler Type: A

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Gizzard Shad		O	M	1,922	1,922.00	73.98	23.48	10.89	12.21
Quillback	C	O	M	6	6.00	0.23	3.25	1.51	541.67
Golden Redhorse	R	I	S M	143	143.00	5.50	51.64	23.95	361.12
Northern Hog Sucker	R	I	S M	54	54.00	2.08	17.51	8.12	324.31
White Sucker	W	O	S T	51	51.00	1.96	14.07	6.53	275.93
Spotted Sucker	R	I	S	42	42.00	1.62	10.17	4.72	242.21
Common Carp	G	O	M T	21	21.00	0.81	45.73	21.21	2,177.71
Golden Shiner	N	I	M T	1	1.00	0.04	0.06	0.03	58.00
Emerald Shiner	N	I	M	9	9.00	0.35	0.06	0.03	7.11
Redfin Shiner	N	I	N	7	7.00	0.27	0.01	0.01	2.00
Striped Shiner	N	I	S	1	1.00	0.04	0.04	0.02	35.00
Spotfin Shiner	N	I	M	75	75.00	2.89	0.25	0.11	3.27
Bluntnose Minnow	N	O	C T	40	40.00	1.54	0.12	0.05	2.88
Channel Catfish	F		C	12	12.00	0.46	12.03	5.58	1,002.08
Yellow Bullhead		I	C T	7	7.00	0.27	1.17	0.54	167.71
Brook Silverside		I	M M	2	2.00	0.08	0.01	0.00	2.50
Rock Bass	S	C	C	62	62.00	2.39	6.16	2.86	99.41
Smallmouth Bass	F	C	C M	76	76.00	2.93	15.07	6.99	198.30
Largemouth Bass	F	C	C	7	7.00	0.27	0.71	0.33	101.43
Green Sunfish	S	I	C T	3	3.00	0.12	0.12	0.06	40.67
Bluegill Sunfish	S	I	C P	1	1.00	0.04	0.11	0.05	105.00
Longear Sunfish	S	I	C M	28	28.00	1.08	0.74	0.34	26.43
Green Sf X Bluegill Sf				1	1.00	0.04	0.13	0.06	134.00
Logperch	D	I	S M	2	2.00	0.08	0.04	0.02	17.50
Greenside Darter	D	I	S M	2	2.00	0.08	0.00	0.00	2.00
Freshwater Drum			M P	23	23.00	0.89	12.90	5.98	560.87
<i>Mile Total</i>				2,598	2,598.00		215.58		
<i>Number of Species</i>				25					
<i>Number of Hybrids</i>				1					

Species List

River Code: 04-160	Stream: Blanchard River	Sample Date: 2005
River Mile: 27.70	Location:	Date Range: 08/03/2005
Time Fished: 6555 sec	Drainage:	Thru: 10/18/2005
Dist Fished: 1.00 km	Basin: Maumee River	No of Passes: 2
		Sampler Type: A

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Gizzard Shad		O	M	79	79.00	11.70	1.00	0.63	12.62
Silver Redhorse	R	I	S M	2	2.00	0.30	4.65	2.96	2,325.00
Black Redhorse	R	I	S I	4	4.00	0.59	1.90	1.21	475.00
Golden Redhorse	R	I	S M	90	90.00	13.33	34.57	22.01	384.08
Northern Hog Sucker	R	I	S M	12	12.00	1.78	2.06	1.31	171.25
White Sucker	W	O	S T	18	18.00	2.67	4.58	2.92	254.56
Spotted Sucker	R	I	S	21	21.00	3.11	5.74	3.66	273.43
Common Carp	G	O	M T	27	27.00	4.00	68.08	43.35	2,521.30
Suckermouth Minnow	N	I	S	5	5.00	0.74	0.03	0.02	5.20
Emerald Shiner	N	I	M	28	28.00	4.15	0.19	0.12	6.93
Redfin Shiner	N	I	N	15	15.00	2.22	0.03	0.02	1.71
Striped Shiner	N	I	S	4	4.00	0.59	0.03	0.02	6.25
Spotfin Shiner	N	I	M	132	132.00	19.56	0.36	0.23	2.75
Sand Shiner	N	I	M M	17	17.00	2.52	0.03	0.02	1.87
Ghost Shiner	N	I	M	1	1.00	0.15	0.00	0.00	2.00
Bluntnose Minnow	N	O	C T	82	82.00	12.15	0.21	0.14	2.59
Channel Catfish	F		C	28	28.00	4.15	18.40	11.72	657.14
Yellow Bullhead		I	C T	6	6.00	0.89	0.87	0.55	145.00
Brown Bullhead		I	C T	1	1.00	0.15	0.18	0.11	180.00
Brook Silverside		I	M M	1	1.00	0.15	0.00	0.00	2.00
White Crappie	S	I	C	1	1.00	0.15	0.10	0.06	100.00
Black Crappie	S	I	C	1	1.00	0.15	0.75	0.48	750.00
Rock Bass	S	C	C	39	39.00	5.78	3.49	2.22	89.49
Smallmouth Bass	F	C	C M	26	26.00	3.85	3.66	2.33	140.77
Largemouth Bass	F	C	C	3	3.00	0.44	0.86	0.54	285.00
Longear Sunfish	S	I	C M	12	12.00	1.78	0.35	0.22	28.75
Logperch	D	I	S M	1	1.00	0.15	0.04	0.03	40.00
Johnny Darter	D	I	C	1	1.00	0.15	0.00	0.00	2.00
Greenside Darter	D	I	S M	1	1.00	0.15	0.00	0.00	3.00
Freshwater Drum			M P	17	17.00	2.52	4.88	3.10	286.76
<i>Mile Total</i>				675	675.00		157.02		
<i>Number of Species</i>				30					
<i>Number of Hybrids</i>				0					

River Code: 04-160	Stream: Blanchard River	Sample Date: 2005
River Mile: 23.00	Location:	Date Range: 08/04/2005
Time Fished: 9380 sec	Drainage: 627.0 sq mi	Thru: 10/18/2005
Dist Fished: 1.00 km	Basin: Maumee River	No of Passes: 2
		Sampler Type: A

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Gizzard Shad		O	M	81	81.00	17.46	1.19	0.79	14.69
Quillback	C	O	M	2	2.00	0.43	1.50	0.99	750.00
Golden Redhorse	R	I	S M	40	40.00	8.62	16.62	11.01	415.38
Northern Hog Sucker	R	I	S M	3	3.00	0.65	0.90	0.59	298.33
White Sucker	W	O	S T	27	27.00	5.82	6.14	4.07	227.41
Spotted Sucker	R	I	S	12	12.00	2.59	2.81	1.86	234.17
Common Carp	G	O	M T	43	43.00	9.27	92.80	61.47	2,158.14
Emerald Shiner	N	I	M	34	34.00	7.33	0.21	0.14	6.18
Redfin Shiner	N	I	N	1	1.00	0.22	0.00	0.00	2.00
Spotfin Shiner	N	I	M	50	50.00	10.78	0.16	0.11	3.18
Ghost Shiner	N	I	M	1	1.00	0.22	0.00	0.00	2.00
Bluntnose Minnow	N	O	C T	5	5.00	1.08	0.01	0.01	2.80
Channel Catfish	F		C	20	20.00	4.31	10.80	7.15	540.00
Yellow Bullhead		I	C T	4	4.00	0.86	0.61	0.40	152.50
Stonecat Madtom		I	C I	1	1.00	0.22	0.09	0.06	90.00
White Crappie	S	I	C	4	4.00	0.86	1.03	0.68	258.13
Rock Bass	S	C	C	56	56.00	12.07	4.53	3.00	80.95
Smallmouth Bass	F	C	C M	24	24.00	5.17	5.04	3.34	210.07
Largemouth Bass	F	C	C	1	1.00	0.22	0.06	0.04	60.00
Green Sunfish	S	I	C T	7	7.00	1.51	0.18	0.12	25.00
Bluegill Sunfish	S	I	C P	2	2.00	0.43	0.10	0.06	47.50
Longear Sunfish	S	I	C M	16	16.00	3.45	0.24	0.16	14.96
Green Sf X Bluegill Sf				1	1.00	0.22	0.09	0.06	90.00
Freshwater Drum			M P	29	29.00	6.25	5.86	3.88	201.90
				<i>Mile Total</i>	464	464.00	150.96		
				<i>Number of Species</i>	23				
				<i>Number of Hybrids</i>	1				

Species List

River Code: 04-160	Stream: Blanchard River	Sample Date: 2005
River Mile: 21.10	Location: Twp. Rd. 1-9	Date Range: 08/04/2005
Time Fished: 9090 sec	Drainage:	Thru: 10/12/2005
Dist Fished: 1.00 km	Basin: Maumee River	No of Passes: 2
		Sampler Type: A

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Gizzard Shad		O	M	82	82.00	17.56	1.07	0.71	13.07
Quillback	C	O	M	1	1.00	0.21	0.52	0.34	517.00
Golden Redhorse	R	I	S M	33	33.00	7.07	12.09	8.07	366.45
Northern Hog Sucker	R	I	S M	8	8.00	1.71	2.13	1.42	265.75
White Sucker	W	O	S T	27	27.00	5.78	5.64	3.76	208.89
Spotted Sucker	R	I	S	36	36.00	7.71	9.68	6.46	268.86
Common Carp	G	O	M T	50	50.00	10.71	91.57	61.07	1,831.40
Emerald Shiner	N	I	M	49	49.00	10.49	0.31	0.21	6.32
Spotfin Shiner	N	I	M	37	37.00	7.92	0.10	0.07	2.64
Ghost Shiner	N	I	M	2	2.00	0.43	0.00	0.00	2.00
Bluntnose Minnow	N	O	C T	18	18.00	3.85	0.07	0.05	3.89
Channel Catfish	F		C	17	17.00	3.64	10.27	6.85	604.12
Yellow Bullhead		I	C T	7	7.00	1.50	1.28	0.85	182.57
Stonecat Madtom		I	C I	1	1.00	0.21	0.10	0.07	100.00
White Crappie	S	I	C	8	8.00	1.71	2.03	1.36	254.13
Rock Bass	S	C	C	16	16.00	3.43	1.31	0.87	81.98
Smallmouth Bass	F	C	C M	5	5.00	1.07	0.95	0.63	190.00
Largemouth Bass	F	C	C	1	1.00	0.21	0.13	0.08	125.00
Green Sunfish	S	I	C T	13	13.00	2.78	0.46	0.31	35.38
Bluegill Sunfish	S	I	C P	13	13.00	2.78	0.56	0.37	43.08
Orangespotted Sunfish	S	I	C	7	7.00	1.50	0.10	0.07	14.29
Longear Sunfish	S	I	C M	15	15.00	3.21	0.16	0.10	10.33
Blackside Darter	D	I	S	1	1.00	0.21	0.00	0.00	4.00
Logperch	D	I	S M	1	1.00	0.21	0.03	0.02	30.00
Freshwater Drum			M P	19	19.00	4.07	9.38	6.26	493.74
<i>Mile Total</i>				467	467.00		149.94		
<i>Number of Species</i>				25					
<i>Number of Hybrids</i>				0					

Species List

River Code: 04-160	Stream: Blanchard River	Sample Date: 2005
River Mile: 14.60	Location:	Date Range: 07/13/2005
Time Fished: 4529 sec	Drainage:	
Dist Fished: 0.50 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: A

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Gizzard Shad		O	M	29	58.00	16.67	0.42	0.35	7.31
Quillback	C	O	M	3	6.00	1.72	1.20	0.98	200.00
Golden Redhorse	R	I	S M	5	10.00	2.87	5.05	4.12	505.00
Northern Hog Sucker	R	I	S M	1	2.00	0.57	0.60	0.49	300.00
White Sucker	W	O	S T	10	20.00	5.75	5.30	4.32	265.00
Spotted Sucker	R	I	S	6	12.00	3.45	4.50	3.67	375.00
Common Carp	G	O	M T	26	52.00	14.94	79.58	64.86	1,530.38
Emerald Shiner	N	I	M	6	12.00	3.45	0.08	0.06	6.33
Spotfin Shiner	N	I	M	18	36.00	10.34	0.14	0.11	3.89
Bluntnose Minnow	N	O	C T	5	10.00	2.87	0.04	0.04	4.40
Channel Catfish	F		C	19	38.00	10.92	15.20	12.39	399.94
Yellow Bullhead		I	C T	3	6.00	1.72	0.66	0.53	109.33
White Crappie	S	I	C	4	8.00	2.30	1.57	1.28	195.75
Rock Bass	S	C	C	10	20.00	5.75	1.40	1.14	70.00
Smallmouth Bass	F	C	C M	3	6.00	1.72	0.68	0.55	112.67
Largemouth Bass	F	C	C	4	8.00	2.30	1.18	0.96	147.00
Green Sunfish	S	I	C T	2	4.00	1.15	0.15	0.12	37.00
Bluegill Sunfish	S	I	C P	2	4.00	1.15	0.20	0.16	50.00
Orangespotted Sunfish	S	I	C	3	6.00	1.72	0.10	0.08	16.67
Longear Sunfish	S	I	C M	1	2.00	0.57	0.01	0.00	3.00
Blackside Darter	D	I	S	1	2.00	0.57	0.00	0.00	2.00
Logperch	D	I	S M	4	8.00	2.30	0.06	0.05	7.00
Freshwater Drum			M P	9	18.00	5.17	4.60	3.75	255.56
<i>Mile Total</i>				174	348.00		122.70		
<i>Number of Species</i>				23					
<i>Number of Hybrids</i>				0					

River Code: 04-160	Stream: Blanchard River	Sample Date: 2005
River Mile: 9.10	Location: St. Rt. 115	Date Range: 08/04/2005
Time Fished: 6973 sec	Drainage:	Thru: 10/12/2005
Dist Fished: 1.00 km	Basin: Maumee River	No of Passes: 2
		Sampler Type: A

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Gizzard Shad		O	M	97	97.00	22.82	1.24	0.95	12.82
Quillback	C	O	M	8	8.00	1.88	3.96	3.01	494.75
Silver Redhorse	R	I	S M	2	2.00	0.47	4.83	3.67	2,412.50
Golden Redhorse	R	I	S M	31	31.00	7.29	16.82	12.78	542.46
Greater Redhorse [T]	R	I	S R	2	2.00	0.47	3.08	2.34	1,537.50
Northern Hog Sucker	R	I	S M	10	10.00	2.35	4.30	3.27	430.00
White Sucker	W	O	S T	17	17.00	4.00	5.40	4.10	317.65
Spotted Sucker	R	I	S	17	17.00	4.00	2.09	1.59	122.71
Common Carp	G	O	M T	31	31.00	7.29	54.63	41.53	1,762.25
Suckermouth Minnow	N	I	S	1	1.00	0.24	0.00	0.00	3.00
Emerald Shiner	N	I	M	23	23.00	5.41	0.13	0.10	5.62
Spotfin Shiner	N	I	M	25	25.00	5.88	0.07	0.05	2.68
Ghost Shiner	N	I	M	4	4.00	0.94	0.01	0.00	1.67
Bluntnose Minnow	N	O	C T	13	13.00	3.06	0.04	0.03	2.86
Channel Catfish	F		C	30	30.00	7.06	18.00	13.68	600.00
Yellow Bullhead		I	C T	2	2.00	0.47	0.29	0.22	142.50
White Crappie	S	I	C	4	4.00	0.94	1.55	1.18	387.50
Rock Bass	S	C	C	9	9.00	2.12	0.91	0.69	101.33
Smallmouth Bass	F	C	C M	12	12.00	2.82	5.14	3.91	428.61
Largemouth Bass	F	C	C	2	2.00	0.47	0.67	0.51	335.00
Green Sunfish	S	I	C T	8	8.00	1.88	0.34	0.26	42.63
Bluegill Sunfish	S	I	C P	9	9.00	2.12	0.17	0.13	19.33
Orangespotted Sunfish	S	I	C	5	5.00	1.18	0.05	0.03	9.00
Longear Sunfish	S	I	C M	3	3.00	0.71	0.02	0.01	5.33
Green Sf X Bluegill Sf				3	3.00	0.71	0.26	0.19	85.00
Bluegill X Orangespot				1	1.00	0.24	0.04	0.03	44.00
Freshwater Drum			M P	56	56.00	13.18	7.54	5.73	134.66
<i>Mile Total</i>				425	425.00		131.55		
<i>Number of Species</i>				25					
<i>Number of Hybrids</i>				2					

River Code: 04-160	Stream: Blanchard River	Sample Date: 2005
River Mile: 2.60	Location: Co. Rd. 21-H	Date Range: 07/13/2005
Time Fished: 7800 sec	Drainage:	Thru: 10/11/2005
Dist Fished: 0.90 km	Basin: Maumee River	No of Passes: 2
		Sampler Type: A

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Gizzard Shad		O	M	107	110.50	25.26	1.64	1.57	14.94
Redfin Pickerel		P	M P	1	1.00	0.23	0.06	0.06	61.00
Quillback	C	O	M	1	1.00	0.23	0.62	0.59	615.00
Golden Redhorse	R	I	S M	18	19.00	4.34	10.70	10.23	564.44
Greater Redhorse [T]	R	I	S R	1	1.00	0.23	2.50	2.39	2,500.00
Northern Hog Sucker	R	I	S M	2	2.25	0.51	1.39	1.32	615.00
White Sucker	W	O	S T	15	17.50	4.00	2.43	2.32	144.00
Spotted Sucker	R	I	S	21	22.25	5.09	2.99	2.85	125.24
Common Carp	G	O	M T	33	37.25	8.51	58.78	56.21	1,596.97
Emerald Shiner	N	I	M	43	50.75	11.60	0.19	0.18	3.72
Spotfin Shiner	N	I	M	9	10.25	2.34	0.03	0.02	2.50
Ghost Shiner	N	I	M	12	14.25	3.26	0.02	0.02	1.58
Bluntnose Minnow	N	O	C T	2	2.25	0.51	0.00	0.00	2.00
Channel Catfish	F		C	21	23.25	5.31	10.25	9.80	464.86
Yellow Bullhead		I	C T	3	3.50	0.80	0.62	0.59	176.00
Brown Bullhead		I	C T	1	1.00	0.23	0.15	0.14	148.00
White Crappie	S	I	C	6	6.25	1.43	1.43	1.37	238.00
Rock Bass	S	C	C	1	1.25	0.29	0.36	0.34	285.00
Smallmouth Bass	F	C	C M	1	1.00	0.23	0.20	0.19	201.00
Largemouth Bass	F	C	C	4	4.50	1.03	1.01	0.96	202.50
Green Sunfish	S	I	C T	14	16.50	3.77	0.36	0.35	21.14
Bluegill Sunfish	S	I	C P	13	13.00	2.97	0.16	0.16	12.58
Orangespotted Sunfish	S	I	C	3	3.00	0.69	0.05	0.04	15.00
Longear Sunfish	S	I	C M	1	1.25	0.29	0.01	0.00	4.00
Green Sf X Bluegill Sf				1	1.00	0.23	0.11	0.11	111.00
Blackside Darter	D	I	S	1	1.25	0.29	0.00	0.00	2.00
Logperch	D	I	S M	3	3.75	0.86	0.01	0.01	1.67
Freshwater Drum			M P	61	67.75	15.49	8.54	8.16	122.93
<i>Mile Total</i>				399	437.50		104.57		
<i>Number of Species</i>				27					
<i>Number of Hybrids</i>				1					

Species List

River Code: 04-161 River Mile: 1.50 Time Fished: 1500 sec Dist Fished: 0.12 km	Stream: Deer Creek Location: Drainage: Basin: Maumee River	Sample Date: 2005 Date Range: 09/07/2005 No of Passes: 1 Sampler Type: E
---	--	--

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Common Carp	G	O	M	T	1	2.50	0.32			
Golden Shiner	N	I	M	T	4	10.00	1.27			
Creek Chub	N	G	N	T	23	57.50	7.32			
Fathead Minnow	N	O	C	T	21	52.50	6.69			
Bluntnose Minnow	N	O	C	T	1	2.50	0.32			
Black Bullhead		I	C	P	16	40.00	5.10			
Blackstripe Topminnow		I	M		126	315.00	40.13			
Green Sunfish	S	I	C	T	110	275.00	35.03			
Bluegill Sunfish	S	I	C	P	2	5.00	0.64			
Orangespotted Sunfish	S	I	C		10	25.00	3.18			
<i>Mile Total</i>					314	785.00				
<i>Number of Species</i>					10					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-162	Stream: Bear Creek	Sample Date: 2005
River Mile: 0.30	Location:	Date Range: 09/01/2005
Time Fished: 1800 sec	Drainage:	
Dist Fished: 0.10 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Gizzard Shad		O	M		90	270.00	62.07			
Golden Redhorse	R	I	S	M	2	6.00	1.38			
White Sucker	W	O	S	T	3	9.00	2.07			
Spotted Sucker	R	I	S		2	6.00	1.38			
Common Carp	G	O	M	T	3	9.00	2.07			
Golden Shiner	N	I	M	T	3	9.00	2.07			
Creek Chub	N	G	N	T	5	15.00	3.45			
Redfin Shiner	N	I	N		12	36.00	8.28			
Fathead Minnow	N	O	C	T	1	3.00	0.69			
Yellow Bullhead		I	C	T	3	9.00	2.07			
Green Sunfish	S	I	C	T	9	27.00	6.21			
Bluegill Sunfish	S	I	C	P	2	6.00	1.38			
Orangespotted Sunfish	S	I	C		9	27.00	6.21			
Johnny Darter	D	I	C		1	3.00	0.69			
<i>Mile Total</i>					145	435.00				
<i>Number of Species</i>					14					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-163	Stream: Caton Ditch	Sample Date: 2005
River Mile: 3.10	Location:	Date Range: 09/07/2005
Time Fished: 780 sec	Drainage:	
Dist Fished: 0.11 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Gizzard Shad		O	M		18	49.09	4.38			
White Sucker	W	O	S	T	5	13.64	1.22			
Common Carp	G	O	M	T	18	49.09	4.38			
Creek Chub	N	G	N	T	98	267.27	23.84			
Redfin Shiner	N	I	N		14	38.18	3.41			
Fathead Minnow	N	O	C	T	45	122.73	10.95			
Bluntnose Minnow	N	O	C	T	101	275.46	24.57			
Central Stoneroller	N	H	N		5	13.64	1.22			
Yellow Bullhead		I	C	T	23	62.73	5.60			
Green Sunfish	S	I	C	T	69	188.18	16.79			
Bluegill Sunfish	S	I	C	P	1	2.73	0.24			
Orangespotted Sunfish	S	I	C		1	2.73	0.24			
Blackside Darter	D	I	S		3	8.18	0.73			
Johnny Darter	D	I	C		10	27.27	2.43			
<i>Mile Total</i>					411	1,120.91				
<i>Number of Species</i>					14					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-164	Stream: Cranberry Creek	Sample Date: 2005
River Mile: 19.90	Location:	Date Range: 08/29/2005
Time Fished: 2025 sec	Drainage:	
Dist Fished: 0.15 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	34	68.00	2.57	2.92	13.05	42.94
Creek Chub	N	G	N	T	83	166.00	6.27	2.60	11.61	15.64
Scarlet Shiner	N	I	S	M	21	42.00	1.59	0.02	0.09	0.50
Striped Shiner	N	I	S		91	182.00	6.87	1.81	8.09	9.94
Fathead Minnow	N	O	C	T	49	98.00	3.70	0.06	0.28	0.64
Bluntnose Minnow	N	O	C	T	146	292.00	11.03	0.49	2.19	1.68
Central Stoneroller	N	H	N		456	912.00	34.44	6.66	29.79	7.31
Yellow Bullhead		I	C	T	81	162.00	6.12	3.07	13.73	18.96
Black Bullhead		I	C	P	1	2.00	0.08	0.00	0.01	1.00
Tadpole Madtom		I	C		1	2.00	0.08	0.01	0.04	5.00
Blackstripe Topminnow		I	M		247	494.00	18.66	0.22	0.98	0.44
Rock Bass	S	C	C		5	10.00	0.38	0.10	0.45	10.00
Largemouth Bass	F	C	C		10	20.00	0.76	2.76	12.34	138.00
Green Sunfish	S	I	C	T	3	6.00	0.23	0.06	0.27	10.00
Bluegill Sunfish	S	I	C	P	32	64.00	2.42	1.42	6.35	22.19
Green Sf X Hybrid					5	10.00	0.38	0.04	0.18	4.00
Johnny Darter	D	I	C		45	90.00	3.40	0.09	0.41	1.03
Orangethroat Darter	D	I	S		14	28.00	1.06	0.03	0.13	1.07
<i>Mile Total</i>					1,324	2,648.00		22.37		
<i>Number of Species</i>					17					
<i>Number of Hybrids</i>					1					

Species List

River Code: 04-164	Stream: Cranberry Creek	Sample Date: 2005
River Mile: 12.90	Location:	Date Range: 09/01/2005
Time Fished: 1800 sec	Drainage:	
Dist Fished: 0.15 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Gizzard Shad		O	M	26	52.00	3.50	0.78	7.24	14.92
Quillback	C	O	M	1	2.00	0.13	0.02	0.21	11.00
White Sucker	W	O	S T	44	88.00	5.92	0.24	2.19	2.67
Common Carp	G	O	M T	7	14.00	0.94	0.30	2.76	21.14
Creek Chub	N	G	N T	82	164.00	11.04	3.61	33.69	22.02
Suckermouth Minnow	N	I	S	1	2.00	0.13	0.02	0.19	10.00
Redfin Shiner	N	I	N	5	10.00	0.67	0.01	0.11	1.20
Striped Shiner	N	I	S	29	58.00	3.90	0.68	6.32	11.69
Spotfin Shiner	N	I	M	1	2.00	0.13	0.01	0.07	4.00
Sand Shiner	N	I	M M	1	2.00	0.13	0.00	0.02	1.00
Silverjaw Minnow	N	I	M	36	72.00	4.85	0.16	1.49	2.22
Fathead Minnow	N	O	C T	13	26.00	1.75	0.04	0.35	1.46
Bluntnose Minnow	N	O	C T	167	334.00	22.48	0.57	5.28	1.69
Central Stoneroller	N	H	N	282	564.00	37.95	3.14	29.27	5.56
Yellow Bullhead		I	C T	1	2.00	0.13	0.01	0.07	4.00
Blackstripe Topminnow		I	M	3	6.00	0.40	0.01	0.07	1.33
Rock Bass	S	C	C	17	34.00	2.29	0.64	5.97	18.82
Green Sunfish	S	I	C T	21	42.00	2.83	0.48	4.46	11.38
Longear Sunfish	S	I	C M	5	10.00	0.67	0.02	0.17	1.80
Rainbow Darter	D	I	S M	1	2.00	0.13	0.00	0.04	2.00
<i>Mile Total</i>				743	1,486.00		10.72		
<i>Number of Species</i>				20					
<i>Number of Hybrids</i>				0					

Species List

Page 29

River Code: 04-164	Stream: Cranberry Creek	Sample Date: 2005
River Mile: 7.80	Location:	Date Range: 09/01/2005
Time Fished: 1800 sec	Drainage:	
Dist Fished: 0.15 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Gizzard Shad		O	M		4	8.00	1.05	0.14	2.02	17.50
Quillback	C	O	M		2	4.00	0.53	0.06	0.81	14.00
White Sucker	W	O	S	T	2	4.00	0.53	0.63	9.08	157.50
Common Carp	G	O	M	T	3	6.00	0.79	0.26	3.75	43.33
Creek Chub	N	G	N	T	46	92.00	12.11	0.51	7.36	5.56
Redfin Shiner	N	I	N		11	22.00	2.89	0.04	0.63	2.00
Striped Shiner	N	I	S		68	136.00	17.89	0.69	9.91	5.06
Spotfin Shiner	N	I	M		16	32.00	4.21	0.05	0.76	1.67
Sand Shiner	N	I	M	M	6	12.00	1.58	0.02	0.29	1.67
Silverjaw Minnow	N	I	M		22	44.00	5.79	0.08	1.12	1.76
Bluntnose Minnow	N	O	C	T	74	148.00	19.47	0.24	3.40	1.60
Central Stoneroller	N	H	N		28	56.00	7.37	0.42	6.05	7.50
Yellow Bullhead		I	C	T	8	16.00	2.11	1.33	19.13	83.00
Blackstripe Topminnow		I	M		23	46.00	6.05	0.03	0.37	0.56
Rock Bass	S	C	C		19	38.00	5.00	1.51	21.80	39.82
Green Sunfish	S	I	C	T	19	38.00	5.00	0.73	10.57	19.32
Longear Sunfish	S	I	C	M	3	6.00	0.79	0.07	0.95	11.00
Blackside Darter	D	I	S		2	4.00	0.53	0.02	0.32	5.50
Logperch	D	I	S	M	1	2.00	0.26	0.04	0.52	18.00
Johnny Darter	D	I	C		9	18.00	2.37	0.03	0.43	1.67
Greenside Darter	D	I	S	M	13	26.00	3.42	0.05	0.69	1.85
Rainbow Darter	D	I	S	M	1	2.00	0.26	0.00	0.03	1.00
<i>Mile Total</i>					380	760.00		6.94		
<i>Number of Species</i>					22					
<i>Number of Hybrids</i>					0					

River Code: 04-165	Stream: Pike Run	Sample Date: 2005
River Mile: 0.70	Location:	Date Range: 09/01/2005
Time Fished: 1800 sec	Drainage:	
Dist Fished: 0.15 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Gizzard Shad		O	M		1	2.00	0.43			
White Sucker	W	O	S	T	17	34.00	7.30			
Golden Shiner	N	I	M	T	4	8.00	1.72			
Creek Chub	N	G	N	T	111	222.00	47.64			
Redfin Shiner	N	I	N		3	6.00	1.29			
Fathead Minnow	N	O	C	T	6	12.00	2.58			
Bluntnose Minnow	N	O	C	T	23	46.00	9.87			
Central Stoneroller	N	H	N		7	14.00	3.00			
Yellow Bullhead		I	C	T	10	20.00	4.29			
Black Bullhead		I	C	P	2	4.00	0.86			
Green Sunfish	S	I	C	T	22	44.00	9.44			
Bluegill Sunfish	S	I	C	P	20	40.00	8.58			
Orangespotted Sunfish	S	I	C		7	14.00	3.00			
<i>Mile Total</i>					233	466.00				
<i>Number of Species</i>					13					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-168 River Mile: 24.90 Time Fished: 1800 sec Dist Fished: 0.10 km	Stream: Riley Creek Location: Drainage: Basin: Maumee River	Sample Date: 2005 Date Range: 09/08/2005 No of Passes: 1 Sampler Type: E
--	---	--

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	51	153.00	17.96			
Common Carp	G	O	M	T	2	6.00	0.70			
Golden Shiner	N	I	M	T	23	69.00	8.10			
Creek Chub	N	G	N	T	16	48.00	5.63			
Fathead Minnow	N	O	C	T	144	432.00	50.70			
Bluntnose Minnow	N	O	C	T	2	6.00	0.70			
Central Stoneroller	N	H	N		36	108.00	12.68			
Green Sunfish	S	I	C	T	7	21.00	2.46			
Johnny Darter	D	I	C		3	9.00	1.06			
<i>Mile Total</i>					284	852.00				
<i>Number of Species</i>					9					
<i>Number of Hybrids</i>					0					

River Code: 04-168	Stream: Riley Creek	Sample Date: 2005
River Mile: 22.60	Location:	Date Range: 09/09/2005
Time Fished: 1800 sec	Drainage:	
Dist Fished: 0.15 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	143	286.00	41.09			
Common Carp	G	O	M	T	3	6.00	0.86			
Golden Shiner	N	I	M	T	18	36.00	5.17			
Creek Chub	N	G	N	T	85	170.00	24.43			
Redfin Shiner	N	I	N		9	18.00	2.59			
Striped Shiner	N	I	S		1	2.00	0.29			
Spotfin Shiner	N	I	M		2	4.00	0.57			
Fathead Minnow	N	O	C	T	19	38.00	5.46			
Bluntnose Minnow	N	O	C	T	7	14.00	2.01			
Central Stoneroller	N	H	N		6	12.00	1.72			
Yellow Bullhead		I	C	T	4	8.00	1.15			
Black Bullhead		I	C	P	1	2.00	0.29			
Green Sunfish	S	I	C	T	41	82.00	11.78			
Orangespotted Sunfish	S	I	C		9	18.00	2.59			
	<i>Mile Total</i>				348	696.00				
	<i>Number of Species</i>				14					
	<i>Number of Hybrids</i>				0					

River Code: 04-168	Stream: Riley Creek	Sample Date: 2005
River Mile: 19.40	Location:	Date Range: 09/09/2005
Time Fished: 1800 sec	Drainage: 29.4 sq mi	
Dist Fished: 0.19 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S T	64	101.05	9.05	5.71	30.47	56.45
Common Carp	G	O	M T	6	9.47	0.85	3.36	17.95	354.80
Golden Shiner	N	I	M T	2	3.16	0.28	0.02	0.09	5.00
Creek Chub	N	G	N T	27	42.63	3.82	0.62	3.32	14.58
Suckermouth Minnow	N	I	S	1	1.58	0.14	0.01	0.03	3.00
Redfin Shiner	N	I	N	23	36.32	3.25	0.04	0.19	1.00
Striped Shiner	N	I	S	13	20.53	1.84	0.09	0.46	4.17
Spotfin Shiner	N	I	M	7	11.05	0.99	0.03	0.18	3.00
Fathead Minnow	N	O	C T	15	23.68	2.12	0.02	0.10	0.79
Bluntnose Minnow	N	O	C T	343	541.58	48.51	1.20	6.42	2.22
Central Stoneroller	N	H	N	17	26.84	2.40	0.23	1.22	8.53
Yellow Bullhead		I	C T	24	37.90	3.39	2.37	12.65	62.50
Blackstripe Topminnow		I	M	2	3.16	0.28	0.01	0.03	1.50
Smallmouth Bass	F	C	C M	3	4.74	0.42	0.04	0.23	9.00
Largemouth Bass	F	C	C	4	6.32	0.57	0.80	4.26	126.25
Green Sunfish	S	I	C T	86	135.79	12.16	2.59	13.81	19.04
Bluegill Sunfish	S	I	C P	19	30.00	2.69	0.51	2.71	16.94
Longear Sunfish	S	I	C M	41	64.74	5.80	0.85	4.51	13.05
Hybrid X Sunfish				2	3.16	0.28	0.21	1.13	67.00
Blackside Darter	D	I	S	5	7.90	0.71	0.04	0.20	4.80
Logperch	D	I	S M	2	3.16	0.28	0.01	0.04	2.50
Rainbow Darter	D	I	S M	1	1.58	0.14	0.00	0.01	1.00
<i>Mile Total</i>				707	1,116.32		18.72		
<i>Number of Species</i>				21					
<i>Number of Hybrids</i>				1					

River Code: 04-168	Stream: Riley Creek	Sample Date: 2005
River Mile: 15.50	Location:	Date Range: 10/06/2005
Time Fished: 2700 sec	Drainage: 44.4 sq mi	
Dist Fished: 0.20 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	12	18.00	0.67	0.15	2.13	8.33
Common Carp	G	O	M	T	2	3.00	0.11	0.05	0.77	18.00
Creek Chub	N	G	N	T	3	4.50	0.17	0.05	0.64	10.00
Suckermouth Minnow	N	I	S		14	21.00	0.78	0.08	1.06	3.57
Redfin Shiner	N	I	N		41	61.50	2.29	0.06	0.89	1.03
Spotfin Shiner	N	I	M		21	31.50	1.17	0.08	1.06	2.38
Fathead Minnow	N	O	C	T	15	22.50	0.84	0.03	0.43	1.33
Bluntnose Minnow	N	O	C	T	1,001	1,501.50	55.89	3.28	46.51	2.18
Central Stoneroller	N	H	N		292	438.00	16.30	2.09	29.59	4.76
Tadpole Madtom		I	C		2	3.00	0.11	0.01	0.11	2.50
Blackstripe Topminnow		I	M		3	4.50	0.17	0.00	0.03	0.33
Rock Bass	S	C	C		22	33.00	1.23	0.10	1.39	2.95
Smallmouth Bass	F	C	C	M	5	7.50	0.28	0.10	1.36	12.80
Green Sunfish	S	I	C	T	5	7.50	0.28	0.02	0.28	2.60
Bluegill Sunfish	S	I	C	P	1	1.50	0.06	0.00	0.03	1.00
Longear Sunfish	S	I	C	M	74	111.00	4.13	0.33	4.72	3.00
Hybrid X Sunfish					6	9.00	0.34	0.11	1.56	12.17
Logperch	D	I	S	M	2	3.00	0.11	0.03	0.41	9.50
Johnny Darter	D	I	C		99	148.50	5.53	0.13	1.80	0.85
Greenside Darter	D	I	S	M	89	133.50	4.97	0.24	3.40	1.80
Orangethroat Darter	D	I	S		5	7.50	0.28	0.01	0.13	1.20
Fantail Darter	D	I	C		77	115.50	4.30	0.13	1.77	1.08
<i>Mile Total</i>					1,791	2,686.50		7.05		
<i>Number of Species</i>					21					
<i>Number of Hybrids</i>					1					

River Code: 04-168	Stream: Riley Creek	Sample Date: 2005
River Mile: 11.50	Location:	Date Range: 09/09/2005
Time Fished: 2700 sec	Drainage:	
Dist Fished: 0.20 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	5	7.50	0.27	0.03	0.32	4.00
Creek Chub	N	G	N	T	13	19.50	0.71	0.11	1.17	5.54
Redfin Shiner	N	I	N		11	16.50	0.60	0.02	0.22	1.18
Striped Shiner	N	I	S		1	1.50	0.05	0.00	0.03	2.00
Fathead Minnow	N	O	C	T	42	63.00	2.29	0.14	1.52	2.23
Bluntnose Minnow	N	O	C	T	1,562	2,343.00	85.17	7.54	81.39	3.22
Central Stoneroller	N	H	N		55	82.50	3.00	0.43	4.62	5.19
Yellow Bullhead		I	C	T	9	13.50	0.49	0.10	1.09	7.50
Smallmouth Bass	F	C	C	M	9	13.50	0.49	0.22	2.33	16.00
Green Sunfish	S	I	C	T	94	141.00	5.13	0.57	6.19	4.07
Longear Sunfish	S	I	C	M	6	9.00	0.33	0.04	0.44	4.60
Johnny Darter	D	I	C		2	3.00	0.11	0.01	0.05	1.50
Greenside Darter	D	I	S	M	25	37.50	1.36	0.06	0.65	1.60
<i>Mile Total</i>					1,834	2,751.00		9.27		
<i>Number of Species</i>					13					
<i>Number of Hybrids</i>					0					

River Code: 04-168	Stream: Riley Creek	Sample Date: 2005
River Mile: 7.60	Location:	Date Range: 10/06/2005
Time Fished: 1800 sec	Drainage: 68.0 sq mi	
Dist Fished: 0.20 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Golden Redhorse	R	I	S	M	5	7.50	0.85	3.00	18.23	400.00
White Sucker	W	O	S	T	24	36.00	4.07	5.34	32.44	148.25
Spotted Sucker	R	I	S		5	7.50	0.85	2.03	12.31	270.00
Common Carp	G	O	M	T	3	4.50	0.51	0.48	2.94	107.33
Redfin Shiner	N	I	N		14	21.00	2.38	0.02	0.15	1.15
Striped Shiner	N	I	S		19	28.50	3.23	0.32	1.93	11.17
Spotfin Shiner	N	I	M		12	18.00	2.04	0.04	0.22	2.00
Bluntnose Minnow	N	O	C	T	276	414.00	46.86	0.95	5.80	2.30
Yellow Bullhead		I	C	T	3	4.50	0.51	0.28	1.67	61.00
Blackstripe Topminnow		I	M		3	4.50	0.51	0.05	0.30	11.00
Rock Bass	S	C	C		41	61.50	6.96	1.58	9.57	25.61
Smallmouth Bass	F	C	C	M	12	18.00	2.04	0.36	2.16	19.75
Green Sunfish	S	I	C	T	16	24.00	2.72	0.63	3.83	26.25
Bluegill Sunfish	S	I	C	P	64	96.00	10.87	0.48	2.94	5.03
Longear Sunfish	S	I	C	M	42	63.00	7.13	0.56	3.41	8.90
Hybrid X Sunfish					19	28.50	3.23	0.27	1.63	9.42
Johnny Darter	D	I	C		17	25.50	2.89	0.03	0.18	1.12
Greenside Darter	D	I	S	M	9	13.50	1.53	0.03	0.18	2.11
Orangethroat Darter	D	I	S		5	7.50	0.85	0.02	0.14	3.00
<i>Mile Total</i>					589	883.50		16.45		
<i>Number of Species</i>					18					
<i>Number of Hybrids</i>					1					

River Code: 04-168	Stream: Riley Creek	Sample Date: 2005
River Mile: 4.30	Location:	Date Range: 10/06/2005
Time Fished: 2700 sec	Drainage:	
Dist Fished: 0.20 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Gizzard Shad		O	M	52	78.00	4.91	1.30	5.77	16.70
Golden Redhorse	R	I	S M	11	16.50	1.04	4.35	19.26	263.64
White Sucker	W	O	S T	2	3.00	0.19	0.35	1.56	117.50
Spotted Sucker	R	I	S	10	15.00	0.94	3.01	13.34	200.80
Common Carp	G	O	M T	2	3.00	0.19	0.68	2.99	225.00
Golden Shiner	N	I	M T	2	3.00	0.19	0.01	0.06	4.50
Creek Chub	N	G	N T	4	6.00	0.38	0.21	0.93	35.00
Redfin Shiner	N	I	N	9	13.50	0.85	0.02	0.10	1.67
Striped Shiner	N	I	S	61	91.50	5.75	1.65	7.31	18.03
Spotfin Shiner	N	I	M	3	4.50	0.28	0.01	0.06	3.00
Bluntnose Minnow	N	O	C T	393	589.50	37.08	1.33	5.88	2.25
Yellow Bullhead		I	C T	7	10.50	0.66	0.54	2.40	51.57
Tadpole Madtom		I	C	7	10.50	0.66	0.06	0.27	5.83
Blackstripe Topminnow		I	M	4	6.00	0.38	0.02	0.09	3.33
Rock Bass	S	C	C	100	150.00	9.43	4.96	21.94	33.04
Smallmouth Bass	F	C	C M	17	25.50	1.60	0.64	2.82	25.00
Largemouth Bass	F	C	C	1	1.50	0.09	0.04	0.19	29.00
Green Sunfish	S	I	C T	26	39.00	2.45	0.45	1.99	11.54
Bluegill Sunfish	S	I	C P	68	102.00	6.42	0.10	0.44	0.98
Orangespotted Sunfish	S	I	C	10	15.00	0.94	0.08	0.33	5.00
Longear Sunfish	S	I	C M	227	340.50	21.42	2.52	11.17	7.41
Hybrid X Sunfish				5	7.50	0.47	0.05	0.21	6.40
Logperch	D	I	S M	4	6.00	0.38	0.11	0.50	18.75
Johnny Darter	D	I	C	11	16.50	1.04	0.02	0.08	1.00
Greenside Darter	D	I	S M	24	36.00	2.26	0.08	0.33	2.08
<i>Mile Total</i>				1,060	1,590.00		22.59		
<i>Number of Species</i>				24					
<i>Number of Hybrids</i>				1					

River Code: 04-168	Stream: Riley Creek	Sample Date: 2005
River Mile: 1.20	Location:	Date Range: 08/30/2005
Time Fished: 5333 sec	Drainage: 85.0 sq mi	
Dist Fished: 0.24 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Gizzard Shad		O	M	281	351.25	12.27	3.26	3.13	9.29
Golden Redhorse	R	I	S M	2	2.50	0.09	1.00	0.96	400.00
White Sucker	W	O	S T	4	5.00	0.17	0.19	0.18	37.50
Spotted Sucker	R	I	S	5	6.25	0.22	1.38	1.32	220.80
Common Carp	G	O	M T	1	1.25	0.04	0.13	0.12	100.00
Creek Chub	N	G	N T	45	56.25	1.97	0.47	0.45	8.41
Scarlet Shiner	N	I	S M	35	43.75	1.53	0.08	0.07	1.77
Striped Shiner	N	I	S	101	126.25	4.41	0.52	0.50	4.10
Spotfin Shiner	N	I	M	7	8.75	0.31	0.03	0.03	3.57
Fathead Minnow	N	O	C T	1	1.25	0.04	0.00	0.00	1.00
Bluntnose Minnow	N	O	C T	382	477.50	16.68	1.00	0.96	2.10
Central Stoneroller	N	H	N	41	51.25	1.79	0.28	0.26	5.38
Striped Sh X Rosefin Sh		I		7	8.75	0.31	0.06	0.06	7.14
Channel Catfish	F		C	27	33.75	1.18	39.75	38.12	1,177.78
Yellow Bullhead		I	C T	98	122.50	4.28	1.51	1.45	12.31
Stonecat Madtom		I	C I	1	1.25	0.04	0.13	0.12	100.00
Tadpole Madtom		I	C	2	2.50	0.09	0.03	0.02	10.00
Blackstripe Topminnow		I	M	9	11.25	0.39	0.08	0.07	6.67
Brook Silverside		I	M M	2	2.50	0.09	0.01	0.01	2.50
White Crappie	S	I	C	11	13.75	0.48	2.98	2.86	216.67
Rock Bass	S	C	C	122	152.50	5.33	24.15	23.15	158.33
Smallmouth Bass	F	C	C M	79	98.75	3.45	8.70	8.35	88.13
Largemouth Bass	F	C	C	5	6.25	0.22	0.66	0.64	106.00
Green Sunfish	S	I	C T	11	13.75	0.48	0.23	0.22	16.36
Bluegill Sunfish	S	I	C P	389	486.25	16.99	2.94	2.81	6.04
Orangespotted Sunfish	S	I	C	5	6.25	0.22	0.03	0.03	5.40
Longear Sunfish	S	I	C M	62	77.50	2.71	1.25	1.20	16.10
Redear Sunfish	E	I	C	173	216.25	7.55	1.08	1.03	4.97
Pumpkinseed Sunfish	S	I	C P	8	10.00	0.35	0.25	0.24	25.00
Longear X Orangespot				2	2.50	0.09	0.10	0.10	40.00
Hybrid X Sunfish				75	93.75	3.28	0.51	0.49	5.46
Blackside Darter	D	I	S	10	12.50	0.44	0.10	0.10	8.00
Logperch	D	I	S M	23	28.75	1.00	0.20	0.19	7.05
Johnny Darter	D	I	C	63	78.75	2.75	0.09	0.09	1.13
Greenside Darter	D	I	S M	153	191.25	6.68	0.36	0.35	1.89
Rainbow Darter	D	I	S M	30	37.50	1.31	0.07	0.07	1.83
Fantail Darter	D	I	C	2	2.50	0.09	0.02	0.02	7.50
Freshwater Drum			M P	16	20.00	0.70	10.69	10.25	534.38
<i>Mile Total</i>				2,290	2,862.50		104.28		
<i>Number of Species</i>				35					
<i>Number of Hybrids</i>				3					

Species List

River Code: 04-169 River Mile: 6.70 Time Fished: 1460 sec Dist Fished: 0.10 km	Stream: Cranberry Run Location: Drainage: Basin: Maumee River	Sample Date: 2005 Date Range: 08/29/2005 No of Passes: 1 Sampler Type: E
---	---	--

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	28	84.00	1.64	0.34	1.58	4.00
Common Carp	G	O	M	T	24	72.00	1.41	0.96	4.52	13.33
Creek Chub	N	G	N	T	519	1,557.00	30.42	10.91	51.44	7.01
Scarlet Shiner	N	I	S	M	15	45.00	0.88	0.12	0.57	2.67
Fathead Minnow	N	O	C	T	267	801.00	15.65	1.61	7.58	2.01
Bluntnose Minnow	N	O	C	T	500	1,500.00	29.31	3.18	14.98	2.12
Central Stoneroller	N	H	N		230	690.00	13.48	2.60	12.25	3.77
Yellow Bullhead		I	C	T	9	27.00	0.53	0.63	2.97	23.33
Blackstripe Topminnow		I	M		47	141.00	2.75	0.15	0.71	1.06
Green Sunfish	S	I	C	T	6	18.00	0.35	0.33	1.56	18.33
Johnny Darter	D	I	C		50	150.00	2.93	0.33	1.54	2.17
Orangethroat Darter	D	I	S		7	21.00	0.41	0.05	0.25	2.50
Least Darter [S]	D	I	N		4	12.00	0.23	0.01	0.06	1.00
<i>Mile Total</i>					1,706	5,118.00		21.22		
<i>Number of Species</i>					13					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-170	Stream: Little Riley Creek (lower)	Sample Date: 2005
River Mile: 5.50	Location:	Date Range: 09/19/2005
Time Fished: 1680 sec	Drainage: 5.5 sq mi	
Dist Fished: 0.20 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	289	433.50	20.50			
Golden Shiner	N	I	M	T	3	4.50	0.21			
Creek Chub	N	G	N	T	302	453.00	21.42			
Redfin Shiner	N	I	N		1	1.50	0.07			
Striped Shiner	N	I	S		1	1.50	0.07			
Spotfin Shiner	N	I	M		2	3.00	0.14			
Fathead Minnow	N	O	C	T	398	597.00	28.23			
Bluntnose Minnow	N	O	C	T	193	289.50	13.69			
Central Stoneroller	N	H	N		160	240.00	11.35			
Yellow Bullhead		I	C	T	4	6.00	0.28			
Rock Bass	S	C	C		1	1.50	0.07			
Green Sunfish	S	I	C	T	39	58.50	2.77			
Bluegill Sunfish	S	I	C	P	1	1.50	0.07			
Longear Sunfish	S	I	C	M	1	1.50	0.07			
Johnny Darter	D	I	C		15	22.50	1.06			
<i>Mile Total</i>					1,410	2,115.00				
<i>Number of Species</i>					15					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-170 River Mile: 4.30 Time Fished: 1800 sec Dist Fished: 0.15 km	Stream: Little Riley Creek (lower) Location: Drainage: 12.3 sq mi Basin: Maumee River	Sample Date: 2005 Date Range: 10/06/2005 No of Passes: 1 Sampler Type: E
---	---	--

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	114	228.00	29.84			
Creek Chub	N	G	N	T	68	136.00	17.80			
Suckermouth Minnow	N	I	S		5	10.00	1.31			
Redfin Shiner	N	I	N		2	4.00	0.52			
Striped Shiner	N	I	S		2	4.00	0.52			
Fathead Minnow	N	O	C	T	58	116.00	15.18			
Bluntnose Minnow	N	O	C	T	73	146.00	19.11			
Central Stoneroller	N	H	N		27	54.00	7.07			
Yellow Bullhead		I	C	T	1	2.00	0.26			
Smallmouth Bass	F	C	C	M	1	2.00	0.26			
Green Sunfish	S	I	C	T	23	46.00	6.02			
Bluegill Sunfish	S	I	C	P	1	2.00	0.26			
Longear Sunfish	S	I	C	M	3	6.00	0.79			
Blackside Darter	D	I	S		1	2.00	0.26			
Johnny Darter	D	I	C		3	6.00	0.79			
<i>Mile Total</i>					382	764.00				
<i>Number of Species</i>					15					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-170 River Mile: 0.10 Time Fished: 1800 sec Dist Fished: 0.15 km	Stream: Little Riley Creek (lower) Location: Drainage: 16.0 sq mi Basin: Maumee River	Sample Date: 2005 Date Range: 10/06/2005 No of Passes: 1 Sampler Type: E
---	---	--

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	7	14.00	2.11			
Creek Chub	N	G	N	T	82	164.00	24.70			
Suckermouth Minnow	N	I	S		10	20.00	3.01			
Fathead Minnow	N	O	C	T	28	56.00	8.43			
Bluntnose Minnow	N	O	C	T	110	220.00	33.13			
Central Stoneroller	N	H	N		56	112.00	16.87			
Yellow Bullhead		I	C	T	4	8.00	1.20			
Rock Bass	S	C	C		1	2.00	0.30			
Green Sunfish	S	I	C	T	9	18.00	2.71			
Longear Sunfish	S	I	C	M	1	2.00	0.30			
Green Sf X Hybrid					3	6.00	0.90			
Hybrid X Sunfish					6	12.00	1.81			
Johnny Darter	D	I	C		7	14.00	2.11			
Greenside Darter	D	I	S	M	1	2.00	0.30			
Orangethroat Darter	D	I	S		7	14.00	2.11			
<i>Mile Total</i>					332	664.00				
<i>Number of Species</i>					13					
<i>Number of Hybrids</i>					2					

River Code: 04-173	Stream: Marsh Run	Sample Date: 2005
River Mile: 1.80	Location:	Date Range: 09/08/2005
Time Fished: 1800 sec	Drainage:	
Dist Fished: 0.10 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	30	90.00	12.35			
Common Carp	G	O	M	T	9	27.00	3.70			
Creek Chub	N	G	N	T	19	57.00	7.82			
Spotfin Shiner	N	I	M		12	36.00	4.94			
Fathead Minnow	N	O	C	T	20	60.00	8.23			
Bluntnose Minnow	N	O	C	T	105	315.00	43.21			
Central Stoneroller	N	H	N		18	54.00	7.41			
Yellow Bullhead		I	C	T	1	3.00	0.41			
Blackstripe Topminnow		I	M		16	48.00	6.58			
Longear Sunfish	S	I	C	M	1	3.00	0.41			
Johnny Darter	D	I	C		9	27.00	3.70			
Orangethroat Darter	D	I	S		3	9.00	1.23			
<i>Mile Total</i>					243	729.00				
<i>Number of Species</i>					12					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-174 River Mile: 2.70 Time Fished: 1800 sec Dist Fished: 0.10 km	Stream: Little Riley Creek (upper) Location: Drainage: Basin: Maumee River	Sample Date: 2005 Date Range: 09/09/2005 No of Passes: 1 Sampler Type: E
---	--	--

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	42	126.00	12.92			
Golden Shiner	N	I	M	T	9	27.00	2.77			
Creek Chub	N	G	N	T	187	561.00	57.54			
Suckermouth Minnow	N	I	S		1	3.00	0.31			
Redfin Shiner	N	I	N		11	33.00	3.38			
Striped Shiner	N	I	S		5	15.00	1.54			
Fathead Minnow	N	O	C	T	21	63.00	6.46			
Bluntnose Minnow	N	O	C	T	27	81.00	8.31			
Central Stoneroller	N	H	N		9	27.00	2.77			
Blackstripe Topminnow		I	M		2	6.00	0.62			
Green Sunfish	S	I	C	T	2	6.00	0.62			
Longear Sunfish	S	I	C	M	3	9.00	0.92			
Blackside Darter	D	I	S		1	3.00	0.31			
Johnny Darter	D	I	C		4	12.00	1.23			
Rainbow Darter	D	I	S	M	1	3.00	0.31			
<i>Mile Total</i>					325	975.00				
<i>Number of Species</i>					15					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-174 River Mile: 1.00 Time Fished: 1800 sec Dist Fished: 0.15 km	Stream: Little Riley Creek (upper) Location: Drainage: 14.1 sq mi Basin: Maumee River	Sample Date: 2005 Date Range: 09/09/2005 No of Passes: 1 Sampler Type: E
---	---	--

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	25	50.00	16.56			
Common Carp	G	O	M	T	11	22.00	7.28			
Creek Chub	N	G	N	T	29	58.00	19.21			
Redfin Shiner	N	I	N		8	16.00	5.30			
Striped Shiner	N	I	S		1	2.00	0.66			
Spotfin Shiner	N	I	M		3	6.00	1.99			
Bluntnose Minnow	N	O	C	T	23	46.00	15.23			
Central Stoneroller	N	H	N		2	4.00	1.32			
Yellow Bullhead		I	C	T	6	12.00	3.97			
Blackstripe Topminnow		I	M		1	2.00	0.66			
Green Sunfish	S	I	C	T	25	50.00	16.56			
Bluegill Sunfish	S	I	C	P	4	8.00	2.65			
Longear Sunfish	S	I	C	M	4	8.00	2.65			
Blackside Darter	D	I	S		7	14.00	4.64			
Johnny Darter	D	I	C		1	2.00	0.66			
Rainbow Darter	D	I	S	M	1	2.00	0.66			
<i>Mile Total</i>					151	302.00				
<i>Number of Species</i>					16					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-177 River Mile: 5.80 Time Fished: 525 sec Dist Fished: 0.10 km	Stream: Dutch Run Location: Drainage: Basin: Maumee River	Sample Date: 2005 Date Range: 08/29/2005 No of Passes: 1 Sampler Type: E
--	---	--

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Creek Chub	N	G	N	T	68	204.00	60.18			
Fathead Minnow	N	O	C	T	1	3.00	0.88			
Bluntnose Minnow	N	O	C	T	1	3.00	0.88			
Yellow Bullhead		I	C	T	3	9.00	2.65			
Blackstripe Topminnow		I	M		39	117.00	34.51			
Orangethroat Darter	D	I	S		1	3.00	0.88			
<i>Mile Total</i>					113	339.00				
<i>Number of Species</i>					6					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-177 River Mile: 2.70 Time Fished: 808 sec Dist Fished: 0.10 km	Stream: Dutch Run Location: Drainage: Basin: Maumee River	Sample Date: 2005 Date Range: 08/29/2005 No of Passes: 1 Sampler Type: E
--	---	--

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Creek Chub	N	G	N	T	70	210.00	6.30			
Suckermouth Minnow	N	I	S		1	3.00	0.09			
Scarlet Shiner	N	I	S	M	1	3.00	0.09			
Striped Shiner	N	I	S		121	363.00	10.89			
Spotfin Shiner	N	I	M		1	3.00	0.09			
Silverjaw Minnow	N	I	M		80	240.00	7.20			
Bluntnose Minnow	N	O	C	T	247	741.00	22.23			
Central Stoneroller	N	H	N		463	1,389.00	41.67			
Yellow Bullhead		I	C	T	2	6.00	0.18			
Blackstripe Topminnow		I	M		88	264.00	7.92			
Rock Bass	S	C	C		6	18.00	0.54			
Largemouth Bass	F	C	C		1	3.00	0.09			
Bluegill Sunfish	S	I	C	P	1	3.00	0.09			
Johnny Darter	D	I	C		9	27.00	0.81			
Orangethroat Darter	D	I	S		20	60.00	1.80			
<i>Mile Total</i>					1,111	3,333.00				
<i>Number of Species</i>					15					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-179	Stream: Dukes Run	Sample Date: 2005
River Mile: 1.90	Location:	Date Range: 08/30/2005
Time Fished: 1675 sec	Drainage: 7.9 sq mi	
Dist Fished: 0.15 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	103	206.00	12.02	0.61	11.60	2.98
Creek Chub	N	G	N	T	179	358.00	20.89	1.62	30.57	4.52
Striped Shiner	N	I	S		31	62.00	3.62	0.11	2.08	1.77
Spotfin Shiner	N	I	M		5	10.00	0.58	0.05	0.94	5.00
Silverjaw Minnow	N	I	M		15	30.00	1.75	0.09	1.63	2.86
Fathead Minnow	N	O	C	T	2	4.00	0.23	0.01	0.15	2.00
Bluntnose Minnow	N	O	C	T	190	380.00	22.17	0.84	15.85	2.21
Central Stoneroller	N	H	N		260	520.00	30.34	0.89	16.89	1.72
Yellow Bullhead		I	C	T	8	16.00	0.93	0.21	3.97	13.13
Stonecat Madtom		I	C	I	5	10.00	0.58	0.22	4.16	22.00
Blackstripe Topminnow		I	M		2	4.00	0.23	0.02	0.38	5.00
Rock Bass	S	C	C		23	46.00	2.68	0.32	6.08	7.00
Smallmouth Bass	F	C	C	M	11	22.00	1.28	0.24	4.57	11.00
Johnny Darter	D	I	C		5	10.00	0.58	0.01	0.19	1.00
Greenside Darter	D	I	S	M	2	4.00	0.23	0.01	0.15	2.00
Orangethroat Darter	D	I	S		11	22.00	1.28	0.02	0.42	1.00
Fantail Darter	D	I	C		5	10.00	0.58	0.02	0.38	2.00
<i>Mile Total</i>					857	1,714.00		5.29		
<i>Number of Species</i>					17					
<i>Number of Hybrids</i>					0					

River Code: 04-179	Stream: Dukes Run	Sample Date: 2005
River Mile: 1.10	Location:	Date Range: 08/30/2005
Time Fished: 2190 sec	Drainage: 14.0 sq mi	
Dist Fished: 0.15 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Gizzard Shad		O	M		1	2.00	0.15	0.01	0.17	5.00
White Sucker	W	O	S	T	5	10.00	0.77	0.11	1.88	11.00
Creek Chub	N	G	N	T	176	352.00	26.99	2.50	42.71	7.09
Striped Shiner	N	I	S		89	178.00	13.65	0.14	2.31	0.76
Spotfin Shiner	N	I	M		8	16.00	1.23	0.09	1.54	5.63
Silverjaw Minnow	N	I	M		8	16.00	1.23	0.02	0.39	1.43
Bluntnose Minnow	N	O	C	T	156	312.00	23.93	0.76	13.00	2.44
Central Stoneroller	N	H	N		78	156.00	11.96	0.42	7.22	2.70
Yellow Bullhead		I	C	T	8	16.00	1.23	0.18	3.08	11.25
Stonecat Madtom		I	C	I	2	4.00	0.31	0.08	1.37	20.00
Tadpole Madtom		I	C		1	2.00	0.15	0.01	0.17	5.00
Rock Bass	S	C	C		40	80.00	6.13	1.04	17.79	13.00
Smallmouth Bass	F	C	C	M	8	16.00	1.23	0.22	3.83	14.00
Bluegill Sunfish	S	I	C	P	3	6.00	0.46	0.03	0.51	5.00
Johnny Darter	D	I	C		24	48.00	3.68	0.06	1.03	1.25
Greenside Darter	D	I	S	M	14	28.00	2.15	0.09	1.59	3.33
Orangethroat Darter	D	I	S		22	44.00	3.37	0.04	0.75	1.00
Fantail Darter	D	I	C		9	18.00	1.38	0.04	0.68	2.22
<i>Mile Total</i>					652	1,304.00		5.85		
<i>Number of Species</i>					18					
<i>Number of Hybrids</i>					0					

River Code: 04-182	Stream: Moffitt Ditch	Sample Date: 2005
River Mile: 2.40	Location:	Date Range: 09/07/2005
Time Fished: 1920 sec	Drainage:	
Dist Fished: 0.15 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	14	28.00	3.67			
Creek Chub	N	G	N	T	81	162.00	21.26			
Striped Shiner	N	I	S		1	2.00	0.26			
Spotfin Shiner	N	I	M		5	10.00	1.31			
Fathead Minnow	N	O	C	T	11	22.00	2.89			
Bluntnose Minnow	N	O	C	T	48	96.00	12.60			
Central Stoneroller	N	H	N		5	10.00	1.31			
Yellow Bullhead		I	C	T	4	8.00	1.05			
Blackstripe Topminnow		I	M		56	112.00	14.70			
Largemouth Bass	F	C	C		8	16.00	2.10			
Bluegill Sunfish	S	I	C	P	8	16.00	2.10			
Johnny Darter	D	I	C		45	90.00	11.81			
Orangethroat Darter	D	I	S		95	190.00	24.93			
	<i>Mile Total</i>				381	762.00				
	<i>Number of Species</i>				13					
	<i>Number of Hybrids</i>				0					

Species List

River Code: 04-182	Stream: Moffitt Ditch	Sample Date: 2005
River Mile: 0.50	Location:	Date Range: 09/07/2005
Time Fished: 2400 sec	Drainage:	
Dist Fished: 0.19 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Northern Hog Sucker	R	I	S	M	1	1.58	0.05			
White Sucker	W	O	S	T	29	45.79	1.44			
Spotted Sucker	R	I	S		1	1.58	0.05			
Common Carp	G	O	M	T	7	11.05	0.35			
Creek Chub	N	G	N	T	292	461.05	14.46			
Redfin Shiner	N	I	N		1	1.58	0.05			
Striped Shiner	N	I	S		99	156.32	4.90			
Spotfin Shiner	N	I	M		59	93.16	2.92			
Silverjaw Minnow	N	I	M		3	4.74	0.15			
Fathead Minnow	N	O	C	T	18	28.42	0.89			
Bluntnose Minnow	N	O	C	T	1,241	1,959.47	61.47			
Yellow Bullhead		I	C	T	43	67.90	2.13			
Blackstripe Topminnow		I	M		88	138.95	4.36			
Rock Bass	S	C	C		8	12.63	0.40			
Smallmouth Bass	F	C	C	M	4	6.32	0.20			
Largemouth Bass	F	C	C		9	14.21	0.45			
Green Sunfish	S	I	C	T	5	7.90	0.25			
Bluegill Sunfish	S	I	C	P	23	36.32	1.14			
Longear Sunfish	S	I	C	M	14	22.11	0.69			
Johnny Darter	D	I	C		52	82.11	2.58			
Greenside Darter	D	I	S	M	15	23.68	0.74			
Orangethroat Darter	D	I	S		7	11.05	0.35			
<i>Mile Total</i>					2,019	3,187.90				
<i>Number of Species</i>					22					
<i>Number of Hybrids</i>					0					

River Code: 04-183	Stream: Ottawa Creek	Sample Date: 2005
River Mile: 18.50	Location:	Date Range: 08/25/2005
Time Fished: 2700 sec	Drainage:	
Dist Fished: 0.10 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	41	123.00	4.14			
Creek Chub	N	G	N	T	295	885.00	29.77			
Striped Shiner	N	I	S		8	24.00	0.81			
Fathead Minnow	N	O	C	T	6	18.00	0.61			
Bluntnose Minnow	N	O	C	T	185	555.00	18.67			
Central Stoneroller	N	H	N		398	1,194.00	40.16			
Green Sunfish	S	I	C	T	15	45.00	1.51			
Longear Sunfish	S	I	C	M	3	9.00	0.30			
Johnny Darter	D	I	C		23	69.00	2.32			
Greenside Darter	D	I	S	M	3	9.00	0.30			
Rainbow Darter	D	I	S	M	11	33.00	1.11			
Orangethroat Darter	D	I	S		3	9.00	0.30			
<i>Mile Total</i>					991	2,973.00				
<i>Number of Species</i>					12					
<i>Number of Hybrids</i>					0					

River Code: 04-183	Stream: Ottawa Creek	Sample Date: 2005
River Mile: 14.70	Location:	Date Range: 08/25/2005
Time Fished: 2700 sec	Drainage: 11.4 sq mi	
Dist Fished: 0.10 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	98	294.00	7.81			
Creek Chub	N	G	N	T	115	345.00	9.16			
Suckermouth Minnow	N	I	S		11	33.00	0.88			
Redfin Shiner	N	I	N		3	9.00	0.24			
Striped Shiner	N	I	S		7	21.00	0.56			
Silverjaw Minnow	N	I	M		25	75.00	1.99			
Fathead Minnow	N	O	C	T	241	723.00	19.20			
Bluntnose Minnow	N	O	C	T	484	1,452.00	38.57			
Central Stoneroller	N	H	N		230	690.00	18.33			
Yellow Bullhead		I	C	T	1	3.00	0.08			
Blackstripe Topminnow		I	M		5	15.00	0.40			
Smallmouth Bass	F	C	C	M	2	6.00	0.16			
Johnny Darter	D	I	C		23	69.00	1.83			
Greenside Darter	D	I	S	M	1	3.00	0.08			
Rainbow Darter	D	I	S	M	6	18.00	0.48			
Orangethroat Darter	D	I	S		3	9.00	0.24			
<i>Mile Total</i>					1,255	3,765.00				
<i>Number of Species</i>					16					
<i>Number of Hybrids</i>					0					

River Code: 04-183	Stream: Ottawa Creek	Sample Date: 2005
River Mile: 10.10	Location:	Date Range: 08/25/2005
Time Fished: 1800 sec	Drainage:	
Dist Fished: 0.19 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	60	94.74	10.22	7.18	41.94	75.83
Creek Chub	N	G	N	T	116	183.16	19.76	5.12	29.86	27.93
Suckermouth Minnow	N	I	S		8	12.63	1.36	0.06	0.36	4.88
Redfin Shiner	N	I	N		48	75.79	8.18	0.12	0.69	1.56
Striped Shiner	N	I	S		80	126.32	13.63	2.08	12.14	16.46
Silverjaw Minnow	N	I	M		44	69.47	7.50	0.18	1.06	2.61
Fathead Minnow	N	O	C	T	12	18.95	2.04	0.06	0.37	3.33
Bluntnose Minnow	N	O	C	T	65	102.63	11.07	0.24	1.41	2.34
Central Stoneroller	N	H	N		97	153.16	16.52	1.24	7.25	8.11
Yellow Bullhead		I	C	T	3	4.74	0.51	0.15	0.89	32.33
Tadpole Madtom		I	C		1	1.58	0.17	0.01	0.05	5.00
Largemouth Bass	F	C	C		6	9.47	1.02	0.12	0.70	12.67
Green Sunfish	S	I	C	T	4	6.32	0.68	0.16	0.92	25.00
Longear Sunfish	S	I	C	M	15	23.68	2.56	0.31	1.78	12.87
Blackside Darter	D	I	S		6	9.47	1.02	0.03	0.16	3.00
Logperch	D	I	S	M	1	1.58	0.17	0.01	0.04	4.00
Johnny Darter	D	I	C		14	22.11	2.38	0.04	0.20	1.57
Greenside Darter	D	I	S	M	2	3.16	0.34	0.01	0.08	4.00
Rainbow Darter	D	I	S	M	3	4.74	0.51	0.01	0.05	1.67
Fantail Darter	D	I	C		2	3.16	0.34	0.01	0.05	3.00
<i>Mile Total</i>					587	926.84		17.13		
<i>Number of Species</i>					20					
<i>Number of Hybrids</i>					0					

River Code: 04-183	Stream: Ottawa Creek	Sample Date: 2005
River Mile: 4.90	Location:	Date Range: 08/24/2005
Time Fished: 1800 sec	Drainage:	
Dist Fished: 0.19 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Gizzard Shad		O	M	34	53.68	4.93	0.80	1.16	14.85
White Sucker	W	O	S T	47	74.21	6.81	7.78	11.31	104.84
Spotted Sucker	R	I	S	1	1.58	0.14	0.28	0.41	180.00
Common Carp	G	O	M T	12	18.95	1.74	45.73	66.45	2,413.64
Creek Chub	N	G	N T	39	61.58	5.65	0.87	1.26	14.05
Redfin Shiner	N	I	N	19	30.00	2.75	0.03	0.05	1.05
Striped Shiner	N	I	S	16	25.26	2.32	0.47	0.68	18.53
Spotfin Shiner	N	I	M	7	11.05	1.01	0.03	0.04	2.43
Silverjaw Minnow	N	I	M	18	28.42	2.61	0.05	0.07	1.72
Bluntnose Minnow	N	O	C T	188	296.84	27.25	0.49	0.71	1.65
Channel Catfish	F		C	1	1.58	0.14	1.09	1.58	690.00
Yellow Bullhead		I	C T	13	20.53	1.88	2.00	2.91	97.46
Blackstripe Topminnow		I	M	1	1.58	0.14	0.00	0.00	1.00
Rock Bass	S	C	C	32	50.53	4.64	2.21	3.21	43.75
Smallmouth Bass	F	C	C M	33	52.11	4.78	2.69	3.90	51.56
Green Sunfish	S	I	C T	23	36.32	3.33	0.79	1.15	21.74
Bluegill Sunfish	S	I	C P	7	11.05	1.01	0.40	0.58	35.86
Longear Sunfish	S	I	C M	157	247.90	22.75	3.00	4.35	12.09
Blackside Darter	D	I	S	3	4.74	0.43	0.00	0.00	0.67
Johnny Darter	D	I	C	11	17.37	1.59	0.01	0.01	0.40
Greenside Darter	D	I	S M	18	28.42	2.61	0.04	0.05	1.31
Rainbow Darter	D	I	S M	5	7.90	0.72	0.01	0.01	1.20
Orangethroat Darter	D	I	S	5	7.90	0.72	0.07	0.10	8.40
<i>Mile Total</i>				690	1,089.47		68.82		
<i>Number of Species</i>				23					
<i>Number of Hybrids</i>				0					

Species List

River Code: 04-183	Stream: Ottawa Creek	Sample Date: 2005
River Mile: 1.80	Location:	Date Range: 08/24/2005
Time Fished: 1800 sec	Drainage: 63.0 sq mi	
Dist Fished: 0.20 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Common Carp	G	O	M	T	1	1.50	0.43	0.05	0.73	34.00
Creek Chub	N	G	N	T	1	1.50	0.43	0.02	0.21	10.00
Bluntnose Minnow	N	O	C	T	48	72.00	20.78	0.08	1.07	1.04
Central Stoneroller	N	H	N		26	39.00	11.26	0.42	6.03	10.85
Yellow Bullhead		I	C	T	1	1.50	0.43	0.21	2.94	137.00
Blackstripe Topminnow		I	M		1	1.50	0.43	0.00	0.03	1.00
Rock Bass	S	C	C		38	57.00	16.45	3.15	44.92	55.26
Smallmouth Bass	F	C	C	M	9	13.50	3.90	0.79	11.24	58.33
Largemouth Bass	F	C	C		2	3.00	0.87	0.36	5.09	119.00
Green Sunfish	S	I	C	T	24	36.00	10.39	0.89	12.66	24.67
Bluegill Sunfish	S	I	C	P	1	1.50	0.43	0.07	1.06	49.00
Longear Sunfish	S	I	C	M	35	52.50	15.15	0.86	12.22	16.31
Johnny Darter	D	I	C		6	9.00	2.60	0.01	0.16	1.17
Greenside Darter	D	I	S	M	14	21.00	6.06	0.06	0.88	2.93
Rainbow Darter	D	I	S	M	20	30.00	8.66	0.05	0.73	1.68
Fantail Darter	D	I	C		4	6.00	1.73	0.01	0.09	1.00
<i>Mile Total</i>					231	346.50		7.01		
<i>Number of Species</i>					16					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-184	Stream: Tiderishi Creek	Sample Date: 2005
River Mile: 7.30	Location: Co. Rd. 26	Date Range: 08/25/2005
Time Fished: 1800 sec	Drainage:	
Dist Fished: 0.10 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	78	234.00	23.64			
Creek Chub	N	G	N	T	82	246.00	24.85			
Silverjaw Minnow	N	I	M		9	27.00	2.73			
Fathead Minnow	N	O	C	T	38	114.00	11.52			
Bluntnose Minnow	N	O	C	T	112	336.00	33.94			
Central Stoneroller	N	H	N		3	9.00	0.91			
Johnny Darter	D	I	C		8	24.00	2.42			
<i>Mile Total</i>					330	990.00				
<i>Number of Species</i>					7					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-184 River Mile: 0.10 Time Fished: 1800 sec Dist Fished: 0.10 km	Stream: Tiderishi Creek Location: at mouth Drainage: Basin: Maumee River	Sample Date: 2005 Date Range: 08/25/2005 No of Passes: 1 Sampler Type: E
---	--	--

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	5	15.00	1.81			
Creek Chub	N	G	N	T	30	90.00	10.83			
Striped Shiner	N	I	S		23	69.00	8.30			
Spotfin Shiner	N	I	M		3	9.00	1.08			
Silverjaw Minnow	N	I	M		1	3.00	0.36			
Bluntnose Minnow	N	O	C	T	91	273.00	32.85			
Central Stoneroller	N	H	N		34	102.00	12.27			
Yellow Bullhead		I	C	T	3	9.00	1.08			
Smallmouth Bass	F	C	C	M	21	63.00	7.58			
Longear Sunfish	S	I	C	M	1	3.00	0.36			
Johnny Darter	D	I	C		5	15.00	1.81			
Greenside Darter	D	I	S	M	41	123.00	14.80			
Rainbow Darter	D	I	S	M	16	48.00	5.78			
Fantail Darter	D	I	C		3	9.00	1.08			
<i>Mile Total</i>					277	831.00				
<i>Number of Species</i>					14					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-185	Stream: Eagle Creek	Sample Date: 2005
River Mile: 17.70	Location:	Date Range: 08/26/2005
Time Fished: 1800 sec	Drainage:	
Dist Fished: 0.10 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	114	342.00	13.04			
Creek Chub	N	G	N	T	236	708.00	27.00			
Suckermouth Minnow	N	I	S		27	81.00	3.09			
Redfin Shiner	N	I	N		9	27.00	1.03			
Striped Shiner	N	I	S		115	345.00	13.16			
Common Shiner	N	I	S		1	3.00	0.11			
Silverjaw Minnow	N	I	M		10	30.00	1.14			
Fathead Minnow	N	O	C	T	24	72.00	2.75			
Bluntnose Minnow	N	O	C	T	197	591.00	22.54			
Central Stoneroller	N	H	N		76	228.00	8.70			
Yellow Bullhead		I	C	T	15	45.00	1.72			
Green Sunfish	S	I	C	T	3	9.00	0.34			
Bluegill Sunfish	S	I	C	P	1	3.00	0.11			
Longear Sunfish	S	I	C	M	2	6.00	0.23			
Johnny Darter	D	I	C		42	126.00	4.81			
Orangethroat Darter	D	I	S		2	6.00	0.23			
<i>Mile Total</i>					874	2,622.00				
<i>Number of Species</i>					16					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-185	Stream: Eagle Creek	Sample Date: 2005
River Mile: 13.90	Location:	Date Range: 08/26/2005
Time Fished: 1800 sec	Drainage: 28.0 sq mi	
Dist Fished: 0.15 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	123	246.00	27.58	10.08	53.13	40.98
Common Carp	G	O	M	T	3	6.00	0.67	0.12	0.62	19.67
Goldfish	G	O	M	T	1	2.00	0.22	0.30	1.57	149.00
Creek Chub	N	G	N	T	70	140.00	15.70	4.11	21.66	29.37
Suckermouth Minnow	N	I	S		4	8.00	0.90	0.03	0.15	3.50
Redfin Shiner	N	I	N		5	10.00	1.12	0.02	0.09	1.67
Striped Shiner	N	I	S		104	208.00	23.32	2.40	12.63	11.52
Common Shiner	N	I	S		4	8.00	0.90	0.11	0.56	13.25
Silverjaw Minnow	N	I	M		1	2.00	0.22	0.01	0.04	4.00
Fathead Minnow	N	O	C	T	14	28.00	3.14	0.04	0.20	1.36
Bluntnose Minnow	N	O	C	T	46	92.00	10.31	0.27	1.40	2.89
Central Stoneroller	N	H	N		53	106.00	11.88	0.94	4.94	8.85
Yellow Bullhead		I	C	T	2	4.00	0.45	0.25	1.32	62.50
Green Sunfish	S	I	C	T	9	18.00	2.02	0.27	1.40	14.75
Bluegill Sunfish	S	I	C	P	1	2.00	0.22	0.04	0.21	20.00
Blackside Darter	D	I	S		1	2.00	0.22	0.01	0.03	3.00
Johnny Darter	D	I	C		2	4.00	0.45	0.01	0.03	1.50
Rainbow Darter	D	I	S	M	3	6.00	0.67	0.00	0.02	0.50
<i>Mile Total</i>					446	892.00		18.98		
<i>Number of Species</i>					18					
<i>Number of Hybrids</i>					0					

Species List

Page 61

River Code: 04-185	Stream: Eagle Creek	Sample Date: 2005
River Mile: 11.60	Location:	Date Range: 08/26/2005
Time Fished: 1800 sec	Drainage:	
Dist Fished: 0.20 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	34	51.00	11.64	0.14	1.82	2.65
Common Carp	G	O	M	T	3	4.50	1.03	4.28	57.74	950.00
Creek Chub	N	G	N	T	22	33.00	7.53	0.30	4.04	9.05
Suckermouth Minnow	N	I	S		1	1.50	0.34	0.00	0.03	1.00
Redfin Shiner	N	I	N		3	4.50	1.03	0.01	0.11	1.67
Striped Shiner	N	I	S		106	159.00	36.30	1.35	18.23	8.49
Common Shiner	N	I	S		6	9.00	2.05	0.14	1.93	15.83
Fathead Minnow	N	O	C	T	1	1.50	0.34	0.00	0.04	2.00
Bluntnose Minnow	N	O	C	T	27	40.50	9.25	0.05	0.72	1.30
Central Stoneroller	N	H	N		1	1.50	0.34	0.01	0.11	5.00
Yellow Bullhead		I	C	T	2	3.00	0.68	0.11	1.42	35.00
Green Sunfish	S	I	C	T	18	27.00	6.16	0.48	6.43	17.61
Bluegill Sunfish	S	I	C	P	3	4.50	1.03	0.08	1.12	18.33
Longear Sunfish	S	I	C	M	17	25.50	5.82	0.35	4.66	13.53
Blackside Darter	D	I	S		5	7.50	1.71	0.02	0.31	3.00
Johnny Darter	D	I	C		13	19.50	4.45	0.02	0.20	0.77
Rainbow Darter	D	I	S	M	28	42.00	9.59	0.08	1.12	1.96
Fantail Darter	D	I	C		2	3.00	0.68	0.00	0.04	1.00
<i>Mile Total</i>					292	438.00		7.40		
<i>Number of Species</i>					18					
<i>Number of Hybrids</i>					0					

River Code: 04-185	Stream: Eagle Creek	Sample Date: 2005
River Mile: 9.10	Location:	Date Range: 08/26/2005
Time Fished: 3600 sec	Drainage:	
Dist Fished: 0.20 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	131	196.50	7.02	9.67	28.35	49.19
Common Carp	G	O	M	T	79	118.50	4.24	8.96	26.30	75.63
Creek Chub	N	G	N	T	207	310.50	11.10	4.64	13.61	14.94
Redfin Shiner	N	I	N		112	168.00	6.01	0.18	0.52	1.05
Striped Shiner	N	I	S		22	33.00	1.18	0.15	0.43	4.48
Common Shiner	N	I	S		2	3.00	0.11	0.11	0.31	35.00
Fathead Minnow	N	O	C	T	19	28.50	1.02	0.03	0.09	1.12
Bluntnose Minnow	N	O	C	T	547	820.50	29.33	1.00	2.95	1.22
Central Stoneroller	N	H	N		482	723.00	25.84	2.87	8.43	3.97
Yellow Bullhead		I	C	T	19	28.50	1.02	1.86	5.46	65.26
Blackstripe Topminnow		I	M		3	4.50	0.16	0.01	0.01	1.00
Largemouth Bass	F	C	C		6	9.00	0.32	0.91	2.68	101.33
Green Sunfish	S	I	C	T	35	52.50	1.88	1.35	3.96	25.71
Bluegill Sunfish	S	I	C	P	7	10.50	0.38	0.19	0.55	18.00
Longear Sunfish	S	I	C	M	167	250.50	8.95	1.71	5.02	6.83
Hybrid X Sunfish					4	6.00	0.21	0.41	1.21	68.75
Blackside Darter	D	I	S		1	1.50	0.05	0.01	0.02	5.00
Johnny Darter	D	I	C		3	4.50	0.16	0.01	0.01	1.00
Greenside Darter	D	I	S	M	3	4.50	0.16	0.01	0.03	2.00
Rainbow Darter	D	I	S	M	16	24.00	0.86	0.02	0.06	0.88
<i>Mile Total</i>					1,865	2,797.50		34.09		
<i>Number of Species</i>					19					
<i>Number of Hybrids</i>					1					

River Code: 04-185	Stream: Eagle Creek	Sample Date: 2005
River Mile: 3.80	Location:	Date Range: 08/25/2005
Time Fished: 2700 sec	Drainage:	
Dist Fished: 0.20 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Golden Redhorse	R	I	S	M	1	1.50	0.13	0.04	0.19	24.00
White Sucker	W	O	S	T	44	66.00	5.71	3.22	17.34	48.81
Common Carp	G	O	M	T	4	6.00	0.52	2.63	14.13	437.50
Creek Chub	N	G	N	T	120	180.00	15.56	4.30	23.16	23.89
Suckermouth Minnow	N	I	S		24	36.00	3.11	0.07	0.36	1.87
Redfin Shiner	N	I	N		5	7.50	0.65	0.01	0.04	1.00
Striped Shiner	N	I	S		24	36.00	3.11	0.27	1.46	7.54
Common Shiner	N	I	S		7	10.50	0.91	0.17	0.90	16.00
Silverjaw Minnow	N	I	M		13	19.50	1.69	0.03	0.17	1.64
Bluntnose Minnow	N	O	C	T	178	267.00	23.09	0.63	3.39	2.36
Central Stoneroller	N	H	N		39	58.50	5.06	0.15	0.83	2.63
Yellow Bullhead		I	C	T	14	21.00	1.82	1.16	6.22	55.00
Rock Bass	S	C	C		1	1.50	0.13	0.47	2.52	312.00
Largemouth Bass	F	C	C		22	33.00	2.85	0.64	3.47	19.52
Green Sunfish	S	I	C	T	182	273.00	23.61	3.94	21.23	14.44
Bluegill Sunfish	S	I	C	P	3	4.50	0.39	0.03	0.16	6.67
Orangespotted Sunfish	S	I	C		1	1.50	0.13	0.02	0.09	11.00
Longear Sunfish	S	I	C	M	34	51.00	4.41	0.48	2.56	9.31
Hybrid X Sunfish					3	4.50	0.39	0.11	0.60	24.67
Blackside Darter	D	I	S		4	6.00	0.52	0.03	0.14	4.25
Logperch	D	I	S	M	20	30.00	2.59	0.14	0.76	4.74
Johnny Darter	D	I	C		10	15.00	1.30	0.02	0.08	1.00
Greenside Darter	D	I	S	M	9	13.50	1.17	0.03	0.14	1.89
Rainbow Darter	D	I	S	M	9	13.50	1.17	0.01	0.05	0.71
<i>Mile Total</i>					771	1,156.50		18.57		
<i>Number of Species</i>					23					
<i>Number of Hybrids</i>					1					

Species List

River Code: 04-185	Stream: Eagle Creek	Sample Date: 2005
River Mile: 0.50	Location:	Date Range: 08/25/2005
Time Fished: 2700 sec	Drainage:	
Dist Fished: 0.20 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	203	304.50	20.76	0.78	9.80	2.56
Common Carp	G	O	M	T	1	1.50	0.10	0.02	0.23	12.00
Golden Shiner	N	I	M	T	3	4.50	0.31	0.01	0.11	2.00
Creek Chub	N	G	N	T	100	150.00	10.22	1.03	13.01	6.89
Redfin Shiner	N	I	N		16	24.00	1.64	0.05	0.60	2.00
Striped Shiner	N	I	S		70	105.00	7.16	0.14	1.78	1.34
Silverjaw Minnow	N	I	M		1	1.50	0.10	0.00	0.03	1.00
Bluntnose Minnow	N	O	C	T	378	567.00	38.65	1.58	19.93	2.79
Central Stoneroller	N	H	N		43	64.50	4.40	0.18	2.27	2.79
Rock Bass	S	C	C		34	51.00	3.48	2.25	28.35	44.12
Smallmouth Bass	F	C	C	M	1	1.50	0.10	0.01	0.11	6.00
Largemouth Bass	F	C	C		9	13.50	0.92	0.07	0.89	5.22
Green Sunfish	S	I	C	T	55	82.50	5.62	1.25	15.80	15.20
Bluegill Sunfish	S	I	C	P	4	6.00	0.41	0.01	0.08	1.00
Longear Sunfish	S	I	C	M	12	18.00	1.23	0.33	4.16	18.33
Hybrid X Sunfish					1	1.50	0.10	0.08	0.94	50.00
Blackside Darter	D	I	S		8	12.00	0.82	0.01	0.11	0.75
Logperch	D	I	S	M	8	12.00	0.82	0.07	0.82	5.38
Greenside Darter	D	I	S	M	21	31.50	2.15	0.07	0.86	2.17
Rainbow Darter	D	I	S	M	9	13.50	0.92	0.01	0.10	0.56
Fantail Darter	D	I	C		1	1.50	0.10	0.00	0.04	2.00
<i>Mile Total</i>					978	1,467.00		7.94		
<i>Number of Species</i>					20					
<i>Number of Hybrids</i>					1					

River Code: 04-186	Stream: Buck Run	Sample Date: 2005
River Mile: 0.60	Location:	Date Range: 08/26/2005
Time Fished: 2700 sec	Drainage: 6.5 sq mi	
Dist Fished: 0.10 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	284	852.00	16.54			
Common Carp	G	O	M	T	2	6.00	0.12			
Creek Chub	N	G	N	T	318	954.00	18.52			
Redfin Shiner	N	I	N		1	3.00	0.06			
Striped Shiner	N	I	S		30	90.00	1.75			
Common Shiner	N	I	S		1	3.00	0.06			
Fathead Minnow	N	O	C	T	6	18.00	0.35			
Bluntnose Minnow	N	O	C	T	492	1,476.00	28.65			
Central Stoneroller	N	H	N		567	1,701.00	33.02			
Yellow Bullhead		I	C	T	5	15.00	0.29			
Blackstripe Topminnow		I	M		1	3.00	0.06			
Largemouth Bass	F	C	C		4	12.00	0.23			
Green Sunfish	S	I	C	T	1	3.00	0.06			
Bluegill Sunfish	S	I	C	P	1	3.00	0.06			
Longear Sunfish	S	I	C	M	4	12.00	0.23			
<i>Mile Total</i>					1,717	5,151.00				
<i>Number of Species</i>					15					
<i>Number of Hybrids</i>					0					

River Code: 04-187	Stream: Flat Branch	Sample Date: 2005
River Mile: 0.10	Location:	Date Range: 08/25/2005
Time Fished: 1800 sec	Drainage:	
Dist Fished: 0.10 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	44	132.00	17.12			
Creek Chub	N	G	N	T	157	471.00	61.09			
Redfin Shiner	N	I	N		5	15.00	1.95			
Striped Shiner	N	I	S		21	63.00	8.17			
Silverjaw Minnow	N	I	M		5	15.00	1.95			
Bluntnose Minnow	N	O	C	T	12	36.00	4.67			
Central Stoneroller	N	H	N		1	3.00	0.39			
Blackstripe Topminnow		I	M		1	3.00	0.39			
Green Sunfish	S	I	C	T	5	15.00	1.95			
Blackside Darter	D	I	S		1	3.00	0.39			
Johnny Darter	D	I	C		4	12.00	1.56			
Rainbow Darter	D	I	S	M	1	3.00	0.39			
<i>Mile Total</i>					257	771.00				
<i>Number of Species</i>					12					
<i>Number of Hybrids</i>					0					

River Code: 04-190	Stream: Lye Creek	Sample Date: 2005
River Mile: 2.60	Location:	Date Range: 10/06/2005
Time Fished: 1320 sec	Drainage:	
Dist Fished: 0.17 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: D

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	18	31.77	3.96	1.85	26.24	58.33
Common Carp	G	O	M	T	1	1.77	0.22	0.06	0.88	35.00
Golden Shiner	N	I	M	T	6	10.59	1.32	0.13	1.86	12.40
Creek Chub	N	G	N	T	1	1.77	0.22	0.03	0.37	15.00
Redfin Shiner	N	I	N		4	7.06	0.88	0.01	0.16	1.50
Common Shiner	N	I	S		1	1.77	0.22	0.01	0.20	8.00
Spotfin Shiner	N	I	M		1	1.77	0.22	0.00	0.06	2.00
Silverjaw Minnow	N	I	M		12	21.18	2.64	0.04	0.55	1.82
Fathead Minnow	N	O	C	T	3	5.29	0.66	0.03	0.37	5.00
Bluntnose Minnow	N	O	C	T	281	495.88	61.76	2.81	39.77	5.66
Central Stoneroller	N	H	N		2	3.53	0.44	0.05	0.65	13.00
Yellow Bullhead		I	C	T	2	3.53	0.44	0.16	2.32	46.50
Black Bullhead		I	C	P	7	12.35	1.54	0.90	12.80	73.14
Tadpole Madtom		I	C		11	19.41	2.42	0.11	1.53	5.56
Blackstripe Topminnow		I	M		44	77.65	9.67	0.15	2.12	1.93
Largemouth Bass	F	C	C		1	1.77	0.22	0.01	0.13	5.00
Green Sunfish	S	I	C	T	19	33.53	4.18	0.34	4.80	10.11
Bluegill Sunfish	S	I	C	P	5	8.82	1.10	0.05	0.68	5.40
Longear Sunfish	S	I	C	M	14	24.71	3.08	0.23	3.23	9.23
Pumpkinseed Sunfish	S	I	C	P	1	1.77	0.22	0.03	0.48	19.00
Logperch	D	I	S	M	1	1.77	0.22	0.01	0.16	6.00
Johnny Darter	D	I	C		16	28.24	3.52	0.04	0.50	1.23
Greenside Darter	D	I	S	M	1	1.77	0.22	0.01	0.07	3.00
Rainbow Darter	D	I	S	M	1	1.77	0.22	0.00	0.06	2.00
Orangethroat Darter	D	I	S		2	3.53	0.44	0.01	0.07	1.50
<i>Mile Total</i>					455	802.94		7.06		
<i>Number of Species</i>					25					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-192 River Mile: 7.70 Time Fished: 1200 sec Dist Fished: 0.10 km	Stream: The Outlet (Blanchard R. RM 63.63) Location: Drainage: Basin: Maumee River	Sample Date: 2005 Date Range: 09/07/2005 No of Passes: 1 Sampler Type: E
---	--	--

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Central Mudminnow		I	C	T	42	126.00	0.63			
Redfin Pickerel		P	M	P	3	9.00	0.05			
White Sucker	W	O	S	T	117	351.00	1.76			
Creek Chubsucker	R	I	M		35	105.00	0.53			
Golden Shiner	N	I	M	T	4	12.00	0.06			
Creek Chub	N	G	N	T	1,423	4,269.00	21.36			
Emerald Shiner	N	I	M		1	3.00	0.02			
Redfin Shiner	N	I	N		6	18.00	0.09			
Silverjaw Minnow	N	I	M		63	189.00	0.95			
Fathead Minnow	N	O	C	T	3	9.00	0.05			
Bluntnose Minnow	N	O	C	T	621	1,863.00	9.32			
Central Stoneroller	N	H	N		3,869	11,607.00	58.08			
Yellow Bullhead		I	C	T	3	9.00	0.05			
Tadpole Madtom		I	C		3	9.00	0.05			
Blackstripe Topminnow		I	M		9	27.00	0.14			
Rock Bass	S	C	C		27	81.00	0.41			
Largemouth Bass	F	C	C		1	3.00	0.02			
Green Sunfish	S	I	C	T	16	48.00	0.24			
Johnny Darter	D	I	C		105	315.00	1.58			
Greenside Darter	D	I	S	M	66	198.00	0.99			
Rainbow Darter	D	I	S	M	21	63.00	0.32			
Orangethroat Darter	D	I	S		224	672.00	3.36			
<i>Mile Total</i>					6,662	19,986.00				
<i>Number of Species</i>					22					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-192	Stream: The Outlet (Blanchard R. RM 63.63)	Sample Date: 2005
River Mile: 6.10	Location:	Date Range: 09/08/2005
Time Fished: 2400 sec	Drainage:	
Dist Fished: 0.20 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Central Mudminnow		I	C	T	25	37.50	4.55			
Redfin Pickerel		P	M	P	4	6.00	0.73			
White Sucker	W	O	S	T	14	21.00	2.55			
Creek Chubsucker	R	I	M		6	9.00	1.09			
Common Carp	G	O	M	T	15	22.50	2.73			
Golden Shiner	N	I	M	T	18	27.00	3.28			
Creek Chub	N	G	N	T	132	198.00	24.04			
Striped Shiner	N	I	S		1	1.50	0.18			
Bluntnose Minnow	N	O	C	T	54	81.00	9.84			
Central Stoneroller	N	H	N		62	93.00	11.29			
Common Carp X Goldfish	G	O		T	1	1.50	0.18			
Yellow Bullhead		I	C	T	10	15.00	1.82			
Black Bullhead		I	C	P	9	13.50	1.64			
Tadpole Madtom		I	C		4	6.00	0.73			
Blackstripe Topminnow		I	M		26	39.00	4.74			
Rock Bass	S	C	C		51	76.50	9.29			
Largemouth Bass	F	C	C		1	1.50	0.18			
Green Sunfish	S	I	C	T	25	37.50	4.55			
Bluegill Sunfish	S	I	C	P	1	1.50	0.18			
Longear Sunfish	S	I	C	M	22	33.00	4.01			
Johnny Darter	D	I	C		34	51.00	6.19			
Greenside Darter	D	I	S	M	15	22.50	2.73			
Orangethroat Darter	D	I	S		19	28.50	3.46			
		<i>Mile Total</i>			549	823.50				
		<i>Number of Species</i>			22					
		<i>Number of Hybrids</i>			1					

River Code: 04-192	Stream: The Outlet (Blanchard R. RM 63.63)	Sample Date: 2005
River Mile: 4.50	Location:	Date Range: 09/08/2005
Time Fished: 2280 sec	Drainage:	
Dist Fished: 0.20 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Central Mudminnow		I	C	T	1	1.50	0.09			
Redfin Pickerel		P	M	P	1	1.50	0.09			
White Sucker	W	O	S	T	10	15.00	0.88			
Creek Chubsucker	R	I	M		14	21.00	1.23			
Common Carp	G	O	M	T	3	4.50	0.26			
Golden Shiner	N	I	M	T	1	1.50	0.09			
Creek Chub	N	G	N	T	127	190.50	11.12			
Redfin Shiner	N	I	N		4	6.00	0.35			
Silverjaw Minnow	N	I	M		1	1.50	0.09			
Fathead Minnow	N	O	C	T	3	4.50	0.26			
Bluntnose Minnow	N	O	C	T	173	259.50	15.15			
Central Stoneroller	N	H	N		264	396.00	23.12			
Common Carp X Goldfish	G	O		T	1	1.50	0.09			
Yellow Bullhead		I	C	T	32	48.00	2.80			
Blackstripe Topminnow		I	M		53	79.50	4.64			
Rock Bass	S	C	C		26	39.00	2.28			
Green Sunfish	S	I	C	T	6	9.00	0.53			
Johnny Darter	D	I	C		95	142.50	8.32			
Greenside Darter	D	I	S	M	190	285.00	16.64			
Orangethroat Darter	D	I	S		137	205.50	12.00			
<i>Mile Total</i>					1,142	1,713.00				
<i>Number of Species</i>					19					
<i>Number of Hybrids</i>					1					

Species List

River Code: 04-194 River Mile: 4.40 Time Fished: 1800 sec Dist Fished: 0.10 km	Stream: Stahl Ditch Location: Drainage: Basin: Maumee River	Sample Date: 2005 Date Range: 09/08/2005 No of Passes: 1 Sampler Type: E
---	---	--

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Redfin Pickerel		P	M	P	2	6.00	0.47			
White Sucker	W	O	S	T	33	99.00	7.67			
Creek Chubsucker	R	I	M		2	6.00	0.47			
Creek Chub	N	G	N	T	60	180.00	13.95			
Bluntnose Minnow	N	O	C	T	3	9.00	0.70			
Central Stoneroller	N	H	N		207	621.00	48.14			
Yellow Bullhead		I	C	T	19	57.00	4.42			
Blackstripe Topminnow		I	M		12	36.00	2.79			
Rock Bass	S	C	C		37	111.00	8.60			
Largemouth Bass	F	C	C		1	3.00	0.23			
Green Sunfish	S	I	C	T	17	51.00	3.95			
Bluegill Sunfish	S	I	C	P	3	9.00	0.70			
Longear Sunfish	S	I	C	M	32	96.00	7.44			
Rainbow Darter	D	I	S	M	2	6.00	0.47			
<i>Mile Total</i>					430	1,290.00				
<i>Number of Species</i>					14					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-196	Stream: Potato Run	Sample Date: 2005
River Mile: 9.60	Location:	Date Range: 09/08/2005
Time Fished: 1800 sec	Drainage: 12.8 sq mi	
Dist Fished: 0.10 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	47	141.00	10.31			
Creek Chubsucker	R	I	M		1	3.00	0.22			
Common Carp	G	O	M	T	8	24.00	1.75			
Creek Chub	N	G	N	T	144	432.00	31.58			
Suckermouth Minnow	N	I	S		2	6.00	0.44			
Redfin Shiner	N	I	N		3	9.00	0.66			
Striped Shiner	N	I	S		2	6.00	0.44			
Silverjaw Minnow	N	I	M		2	6.00	0.44			
Fathead Minnow	N	O	C	T	25	75.00	5.48			
Bluntnose Minnow	N	O	C	T	82	246.00	17.98			
Central Stoneroller	N	H	N		16	48.00	3.51			
Yellow Bullhead		I	C	T	1	3.00	0.22			
Blackstripe Topminnow		I	M		40	120.00	8.77			
Green Sunfish	S	I	C	T	17	51.00	3.73			
Bluegill Sunfish	S	I	C	P	1	3.00	0.22			
Longear Sunfish	S	I	C	M	60	180.00	13.16			
Hybrid X Sunfish					1	3.00	0.22			
Johnny Darter	D	I	C		4	12.00	0.88			
<i>Mile Total</i>					456	1,368.00				
<i>Number of Species</i>					17					
<i>Number of Hybrids</i>					1					

River Code: 04-196	Stream: Potato Run	Sample Date: 2005
River Mile: 1.80	Location:	Date Range: 09/08/2005
Time Fished: 2700 sec	Drainage: 25.0 sq mi	
Dist Fished: 0.15 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Golden Redhorse	R	I	S	M	2	4.00	0.13			
White Sucker	W	O	S	T	42	84.00	2.81			
Creek Chub	N	G	N	T	82	164.00	5.49			
Suckermouth Minnow	N	I	S		2	4.00	0.13			
Redfin Shiner	N	I	N		64	128.00	4.29			
Striped Shiner	N	I	S		3	6.00	0.20			
Silverjaw Minnow	N	I	M		17	34.00	1.14			
Fathead Minnow	N	O	C	T	56	112.00	3.75			
Bluntnose Minnow	N	O	C	T	1,066	2,132.00	71.40			
Central Stoneroller	N	H	N		51	102.00	3.42			
Yellow Bullhead		I	C	T	3	6.00	0.20			
Blackstripe Topminnow		I	M		10	20.00	0.67			
Rock Bass	S	C	C		1	2.00	0.07			
Smallmouth Bass	F	C	C	M	7	14.00	0.47			
Green Sunfish	S	I	C	T	12	24.00	0.80			
Bluegill Sunfish	S	I	C	P	6	12.00	0.40			
Longear Sunfish	S	I	C	M	47	94.00	3.15			
Blackside Darter	D	I	S		1	2.00	0.07			
Johnny Darter	D	I	C		12	24.00	0.80			
Greenside Darter	D	I	S	M	6	12.00	0.40			
Rainbow Darter	D	I	S	M	3	6.00	0.20			
<i>Mile Total</i>					1,493	2,986.00				
<i>Number of Species</i>					21					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-197	Stream: Ripley Run	Sample Date: 2005
River Mile: 0.10	Location:	Date Range: 09/16/2005
Time Fished: 1800 sec	Drainage:	
Dist Fished: 0.10 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	59	177.00	13.56			
Common Carp	G	O	M	T	1	3.00	0.23			
Creek Chub	N	G	N	T	6	18.00	1.38			
Bluntnose Minnow	N	O	C	T	220	660.00	50.57			
Central Stoneroller	N	H	N		113	339.00	25.98			
Blackstripe Topminnow		I	M		5	15.00	1.15			
Smallmouth Bass	F	C	C	M	12	36.00	2.76			
Green Sunfish	S	I	C	T	12	36.00	2.76			
Longear Sunfish	S	I	C	M	2	6.00	0.46			
Johnny Darter	D	I	C		3	9.00	0.69			
Orangethroat Darter	D	I	S		2	6.00	0.46			
<i>Mile Total</i>					435	1,305.00				
<i>Number of Species</i>					11					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-198 River Mile: 3.60 Time Fished: 1800 sec Dist Fished: 0.15 km	Stream: The Outlet (Blanchard R. RM 90.94) Location: Drainage: Basin: Maumee River	Sample Date: 2005 Date Range: 09/15/2005 No of Passes: 1 Sampler Type: E
---	--	--

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Redfin Pickerel		P	M	P	5	10.00	0.99			
White Sucker	W	O	S	T	61	122.00	12.08			
Common Carp	G	O	M	T	1	2.00	0.20			
Creek Chub	N	G	N	T	69	138.00	13.66			
Redfin Shiner	N	I	N		28	56.00	5.54			
Striped Shiner	N	I	S		1	2.00	0.20			
Silverjaw Minnow	N	I	M		17	34.00	3.37			
Fathead Minnow	N	O	C	T	18	36.00	3.56			
Bluntnose Minnow	N	O	C	T	203	406.00	40.20			
Central Stoneroller	N	H	N		6	12.00	1.19			
Yellow Bullhead		I	C	T	9	18.00	1.78			
Black Bullhead		I	C	P	9	18.00	1.78			
Tadpole Madtom		I	C		2	4.00	0.40			
Blackstripe Topminnow		I	M		2	4.00	0.40			
Smallmouth Bass	F	C	C	M	1	2.00	0.20			
Green Sunfish	S	I	C	T	32	64.00	6.34			
Longear Sunfish	S	I	C	M	13	26.00	2.57			
Blackside Darter	D	I	S		4	8.00	0.79			
Johnny Darter	D	I	C		23	46.00	4.55			
Rainbow Darter	D	I	S	M	1	2.00	0.20			
<i>Mile Total</i>					505	1,010.00				
<i>Number of Species</i>					20					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-198 River Mile: 0.30 Time Fished: 1800 sec Dist Fished: 0.15 km	Stream: The Outlet (Blanchard R. RM 90.94) Location: Drainage: 12.4 sq mi Basin: Maumee River	Sample Date: 2005 Date Range: 09/15/2005 No of Passes: 1 Sampler Type: E
---	---	--

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	1	2.00	0.37			
Creek Chub	N	G	N	T	104	208.00	38.10			
Redfin Shiner	N	I	N		42	84.00	15.38			
Striped Shiner	N	I	S		1	2.00	0.37			
Common Shiner	N	I	S		3	6.00	1.10			
Silverjaw Minnow	N	I	M		1	2.00	0.37			
Bluntnose Minnow	N	O	C	T	70	140.00	25.64			
Central Stoneroller	N	H	N		1	2.00	0.37			
Blackstripe Topminnow		I	M		1	2.00	0.37			
Rock Bass	S	C	C		3	6.00	1.10			
Green Sunfish	S	I	C	T	5	10.00	1.83			
Longear Sunfish	S	I	C	M	4	8.00	1.47			
Blackside Darter	D	I	S		6	12.00	2.20			
Logperch	D	I	S	M	1	2.00	0.37			
Johnny Darter	D	I	C		11	22.00	4.03			
Greenside Darter	D	I	S	M	14	28.00	5.13			
Rainbow Darter	D	I	S	M	1	2.00	0.37			
Fantail Darter	D	I	C		4	8.00	1.47			
<i>Mile Total</i>					273	546.00				
<i>Number of Species</i>					18					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-199	Stream: Cessna Creek	Sample Date: 2005
River Mile: 3.10	Location:	Date Range: 09/15/2005
Time Fished: 2700 sec	Drainage:	
Dist Fished: 0.15 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	47	94.00	2.17			
Common Carp	G	O	M	T	4	8.00	0.18			
Creek Chub	N	G	N	T	117	234.00	5.41			
Suckermouth Minnow	N	I	S		2	4.00	0.09			
Redfin Shiner	N	I	N		46	92.00	2.13			
Striped Shiner	N	I	S		1	2.00	0.05			
Common Shiner	N	I	S		65	130.00	3.00			
Silverjaw Minnow	N	I	M		74	148.00	3.42			
Fathead Minnow	N	O	C	T	1	2.00	0.05			
Bluntnose Minnow	N	O	C	T	1,311	2,622.00	60.58			
Central Stoneroller	N	H	N		142	284.00	6.56			
Yellow Bullhead		I	C	T	56	112.00	2.59			
Blackstripe Topminnow		I	M		42	84.00	1.94			
Rock Bass	S	C	C		18	36.00	0.83			
Smallmouth Bass	F	C	C	M	5	10.00	0.23			
Green Sunfish	S	I	C	T	105	210.00	4.85			
Longear Sunfish	S	I	C	M	30	60.00	1.39			
Logperch	D	I	S	M	1	2.00	0.05			
Johnny Darter	D	I	C		57	114.00	2.63			
Greenside Darter	D	I	S	M	28	56.00	1.29			
Rainbow Darter	D	I	S	M	3	6.00	0.14			
Orangethroat Darter	D	I	S		2	4.00	0.09			
Fantail Darter	D	I	C		7	14.00	0.32			
<i>Mile Total</i>					2,164	4,328.00				
<i>Number of Species</i>					23					
<i>Number of Hybrids</i>					0					

River Code: 04-199	Stream: Cessna Creek	Sample Date: 2005
River Mile: 0.50	Location: Co. Rd. 159	Date Range: 09/15/2005
Time Fished: 2700 sec	Drainage: 23.1 sq mi	
Dist Fished: 0.15 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	22	44.00	1.57	0.25	2.39	5.68
Creek Chub	N	G	N	T	105	210.00	7.50	0.69	6.57	3.27
Suckermouth Minnow	N	I	S		15	30.00	1.07	0.11	1.09	3.79
Redfin Shiner	N	I	N		35	70.00	2.50	0.08	0.80	1.20
Striped Shiner	N	I	S		36	72.00	2.57	0.14	1.34	1.94
Silverjaw Minnow	N	I	M		165	330.00	11.79	0.52	4.93	1.56
Fathead Minnow	N	O	C	T	16	32.00	1.14	0.05	0.43	1.40
Bluntnose Minnow	N	O	C	T	605	1,210.00	43.21	3.45	32.98	2.85
Central Stoneroller	N	H	N		55	110.00	3.93	0.56	5.35	5.09
Yellow Bullhead		I	C	T	53	106.00	3.79	1.26	12.02	11.86
Blackstripe Topminnow		I	M		35	70.00	2.50	0.11	1.08	1.62
Smallmouth Bass	F	C	C	M	3	6.00	0.21	0.11	1.01	17.67
Green Sunfish	S	I	C	T	80	160.00	5.71	2.23	21.28	13.91
Longear Sunfish	S	I	C	M	38	76.00	2.71	0.47	4.46	6.14
Johnny Darter	D	I	C		31	62.00	2.21	0.08	0.79	1.33
Greenside Darter	D	I	S	M	49	98.00	3.50	0.26	2.45	2.62
Rainbow Darter	D	I	S	M	38	76.00	2.71	0.07	0.65	0.89
Orangethroat Darter	D	I	S		11	22.00	0.79	0.02	0.19	0.91
Fantail Darter	D	I	C		8	16.00	0.57	0.02	0.19	1.25
<i>Mile Total</i>					1,400	2,800.00		10.46		
<i>Number of Species</i>					19					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-247	Stream: Aurand Run	Sample Date: 2005
River Mile: 2.70	Location:	Date Range: 08/24/2005
Time Fished: 1800 sec	Drainage:	
Dist Fished: 0.15 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	12	24.00	6.56			
Common Carp	G	O	M	T	1	2.00	0.55			
Creek Chub	N	G	N	T	15	30.00	8.20			
Fathead Minnow	N	O	C	T	9	18.00	4.92			
Bluntnose Minnow	N	O	C	T	6	12.00	3.28			
Central Stoneroller	N	H	N		113	226.00	61.75			
Largemouth Bass	F	C	C		3	6.00	1.64			
Bluegill Sunfish	S	I	C	P	2	4.00	1.09			
Johnny Darter	D	I	C		7	14.00	3.83			
Greenside Darter	D	I	S	M	1	2.00	0.55			
Orangethroat Darter	D	I	S		1	2.00	0.55			
Fantail Darter	D	I	C		13	26.00	7.10			
<i>Mile Total</i>					183	366.00				
<i>Number of Species</i>					12					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-282 River Mile: 2.20 Time Fished: 1800 sec Dist Fished: 0.10 km	Stream: Trib. to Blanchard R. (RM 79.75) Location: Drainage: 5.9 sq mi Basin: Maumee River	Sample Date: 2005 Date Range: 09/16/2005 No of Passes: 1 Sampler Type: E
---	--	--

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	1	3.00	0.47			
Creek Chub	N	G	N	T	19	57.00	8.84			
Fathead Minnow	N	O	C	T	17	51.00	7.91			
Bluntnose Minnow	N	O	C	T	150	450.00	69.77			
Central Stoneroller	N	H	N		17	51.00	7.91			
Blackstripe Topminnow		I	M		8	24.00	3.72			
Largemouth Bass	F	C	C		1	3.00	0.47			
Green Sunfish	S	I	C	T	2	6.00	0.93			
<i>Mile Total</i>					215	645.00				
<i>Number of Species</i>					8					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-283	Stream: Trib. to Blanchard R. (RM 80.53)	Sample Date: 2005
River Mile: 1.80	Location:	Date Range: 09/16/2005
Time Fished: 1800 sec	Drainage:	
Dist Fished: 0.10 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Redfin Pickerel		P	M	P	2	6.00	1.69			
White Sucker	W	O	S	T	35	105.00	29.66			
Golden Shiner	N	I	M	T	1	3.00	0.85			
Creek Chub	N	G	N	T	24	72.00	20.34			
Redfin Shiner	N	I	N		2	6.00	1.69			
Fathead Minnow	N	O	C	T	7	21.00	5.93			
Bluntnose Minnow	N	O	C	T	27	81.00	22.88			
Yellow Bullhead		I	C	T	3	9.00	2.54			
Black Bullhead		I	C	P	1	3.00	0.85			
Largemouth Bass	F	C	C		2	6.00	1.69			
Green Sunfish	S	I	C	T	9	27.00	7.63			
Longear Sunfish	S	I	C	M	4	12.00	3.39			
Johnny Darter	D	I	C		1	3.00	0.85			
<i>Mile Total</i>					118	354.00				
<i>Number of Species</i>					13					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-284 River Mile: 0.70 Time Fished: 1800 sec Dist Fished: 0.10 km	Stream: Trib. to Blanchard R. (RM 100.38) Location: Drainage: Basin: Maumee River	Sample Date: 2005 Date Range: 09/16/2005 No of Passes: 1 Sampler Type: E
---	---	--

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Creek Chub	N	G	N	T	6	18.00	1.87			
Redfin Shiner	N	I	N		1	3.00	0.31			
Striped Shiner	N	I	S		1	3.00	0.31			
Silverjaw Minnow	N	I	M		103	309.00	32.09			
Fathead Minnow	N	O	C	T	153	459.00	47.66			
Bluntnose Minnow	N	O	C	T	41	123.00	12.77			
Central Stoneroller	N	H	N		4	12.00	1.25			
Blackstripe Topminnow		I	M		9	27.00	2.80			
Green Sunfish	S	I	C	T	1	3.00	0.31			
Orangethroat Darter	D	I	S		2	6.00	0.62			
<i>Mile Total</i>					321	963.00				
<i>Number of Species</i>					10					
<i>Number of Hybrids</i>					0					

River Code: 04-288	Stream: Forest-Simpson Ditch	Sample Date: 2005
River Mile: 0.80	Location:	Date Range: 09/15/2005
Time Fished: 900 sec	Drainage: 0.9 sq mi	
Dist Fished: 0.03 km	Basin: Maumee River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	1	10.00	6.67			
Creek Chub	N	G	N	T	10	100.00	66.67			
Yellow Bullhead		I	C	T	3	30.00	20.00			
Green Sunfish	S	I	C	T	1	10.00	6.67			
<i>Mile Total</i>					15	150.00				
<i>Number of Species</i>					4					
<i>Number of Hybrids</i>					0					

Species List

River Code: 04-289 River Mile: 0.90 Time Fished: 1800 sec Dist Fished: 0.10 km	Stream: Little Cranberry Creek Location: Drainage: 7.0 sq mi Basin: Maumee River	Sample Date: 2005 Date Range: 09/01/2005 No of Passes: 1 Sampler Type: E
---	--	--

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Gizzard Shad		O	M		135	405.00	54.00			
White Sucker	W	O	S	T	1	3.00	0.40			
Golden Shiner	N	I	M	T	3	9.00	1.20			
Creek Chub	N	G	N	T	50	150.00	20.00			
Striped Shiner	N	I	S		7	21.00	2.80			
Central Stoneroller	N	H	N		38	114.00	15.20			
Yellow Bullhead		I	C	T	2	6.00	0.80			
Black Bullhead		I	C	P	1	3.00	0.40			
Blackstripe Topminnow		I	M		4	12.00	1.60			
Green Sunfish	S	I	C	T	8	24.00	3.20			
Bluegill Sunfish	S	I	C	P	1	3.00	0.40			
<i>Mile Total</i>					250	750.00				
<i>Number of Species</i>					11					
<i>Number of Hybrids</i>					0					

