



State of Ohio
Environmental Protection Agency

Division of Surface Water

Appendices to

Biological and Water Quality Study of the Olentangy River, Whetstone Creek and Select Tributaries, 2003-2004

Volume 2

Crawford, Delaware, Franklin, Marion and Morrow

December 22, 2005

Bob Taft, Governor
Joseph P. Koncelik, Director

Appendices to

**Biological and Water Quality Study of the
Olentangy River, Whetstone Creek
and Select Tributaries
2003-2004**

Crawford, Delaware, Franklin,
Marion and Morrow
Counties

December 22, 2005

OHIO EPA Technical Report EAS/2005-12-6

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Volume 2: Appendices

Appendix A: Summary tables of chemical and physical water quality results in the Olentangy study area, 2003-2004.

Appendix B: Total catch summaries (species list) for fish sampling locations in the Olentangy study area, 2003-2004.

Appendix C: Aquatic macroinvertebrate summaries (species list) for sites in the Olentangy study area, 2003-2004.

Appendix A

Summary of chemical and physical water quality data
from the Olentangy study area,
2003-2004

Table 1. Results of chemical/physical water quality sampling conducted in the Olentangy River study area during June-September, 2003. Underlined values indicate concentrations below the method detection limit. NA means not analyzed. CG indicates confluent growth for microbiological results, RC means the result is rejected because of poor correlation with its co-analyte (such as dissolved solids vs conductivity and BOD₅ vs COD), J means the analyte was positively identified, the associated numerical value is estimated, JL means the reported result is estimated because it has been computed using a colony count that is not within the acceptable counting range (microbiology only), X means the analyte was quantitated but the concentration exceeds the instrument's calibration range for that specific analysis (samples could not be re-analyzed within the holding time), and italicized print indicates an effluent sample.

Olentangy River Tributaries (05060001)															
RM	Date	Field Parameters					BOD ₅	Cond	TDS	TSS	Al	Ba	Ca	Cr	
		Cond	Temp	D.O.	D.O.	pH									
STORET HUC	mmdd	µmhos	°C	mg/l	%	S.U.	mg/l	µmhos	mg/l	mg/l	µg/l	µg/l	mg/l	µg/l	
Whetstone Creek Tributaries															
Unnamed Tributary to Whetstone Creek (RM 33.71)															
	6/2	419	12.29	11.29		7.74	<u>2.0</u>	520	304	<u>5</u>	<u>200</u>	47	64	<u>30</u>	
	6/16	462	16.72	8.53	87.9	7.64	<u>2.0</u>	452	280	<u>5</u>	<u>200</u>	49	58	<u>30</u>	
	7/7	312	19.25	9.45	102.4	7.59	4.8	369	256	217	4360	72	36	<u>30</u>	
	7/14	Bacteria Only									Bacteria Only				
0.42 V04G31 100	7/21	274	18.83	7.93	85.2	7.61	6.1	303	188	460	7770	78	25	<u>30</u>	
	7/28	Bacteria Only									Bacteria Only				
	8/5	412	18.02	9.10	96.3	7.30	<u>2.0</u>	473	296	<u>5</u>	<u>200</u>	51	60	<u>30</u>	
	8/18	514	18.45	7.04	75.1	7.35	<u>2.0</u>	577	336	<u>5</u>	<u>200</u>	54	67	<u>30</u>	
	Mean	399	17.26	8.89	89.4	7.54	3.2	449	277	116	2155	58.5	51.7	30	
E. Branch Whetstone Creek (Tributary to Whetstone Creek at RM 28.29)															
	6/2	436	11.39	11.11		7.79	<u>2.0</u>	556	320	<u>5</u>	<u>200</u>	63	73	<u>30</u>	
	6/16	487	17.54	9.01	94.4	7.95	<u>2.0</u>	480	304	<u>5</u>	<u>200</u>	61	67	<u>30</u>	
	7/7	467	19.99	9.36	103.4	7.85	<u>2.0</u>	494	306	61	891	66	65	<u>30</u>	
	7/14	Bacteria Only									Bacteria Only				
0.40 V04G39 100	7/21	442	19.35	8.47	92.1	7.81	2.1	498	294	67	1290	68	63	<u>30</u>	
	7/28	Bacteria Only									Bacteria Only				
	8/5	381	18.66	10.40	111.5	7.65	<u>2.0</u>	431	270	6	227	58	59	<u>30</u>	
	8/18	513	18.43	9.30	99.3	7.64	<u>2.0</u>	571	332	<u>5</u>	<u>200</u>	66	74	<u>30</u>	
	Mean	454	17.56	9.61	100.1	7.78	2.0	505	304	24.8	501	63.7	66.8	30	
Sams Creek (Tributary to Whetstone Creek at RM 23.30)															

Olentangy River Tributaries (05060001)														
RM	Date	Field Parameters					BOD ₅	Cond	TDS	TSS	Al	Ba	Ca	Cr
		Cond	Temp	D.O.	D.O.	pH								
STORET HUC	mmdd	µmhos	°C	mg/l	%	S.U.	mg/l	µmhos	mg/l	mg/l	µg/l	µg/l	mg/l	µg/l
1.40 V04G38 100	6/2	439	12.60	11.72		7.81	<u>2.0</u>	541	316	7	<u>200</u>	69	69	<u>30</u>
	6/16	506	18.49	9.27	99.0	7.76	<u>2.0</u>	495	310	11	261	76	67	<u>30</u>
	7/7	561	22.07	9.24	106.0	7.69	2.8	569	344	43	592	90	66	<u>30</u>
	7/14	Bacteria Only						Bacteria Only						
	7/21	540	18.93	8.90	95.9	7.90	2.0	618	378	16	608	85	75	<u>30</u>
	7/28	Bacteria Only						Bacteria Only						
	8/5	547	18.66	10.20	109.4	7.69	<u>2.0</u>	622	358	<u>5</u>	<u>200</u>	85	78	<u>30</u>
	8/18	616	17.86	9.40	99.2	7.77	<u>2.0</u>	703	420	<u>5</u>	<u>200</u>	85	82	<u>30</u>
	Mean	535	18.10	9.79	101.9	7.77	2.1	591	354	14.5	344	81.7	72.8	30
Big Run (Tributary to Whetstone Creek at RM 12.75)														
0.01 V04G37 100	6/2	752	12.17	11.40	106.5	7.96	<u>2.0</u>	696	414	<u>5</u>	<u>200</u>	90	86	<u>30</u>
	6/16	667	16.50	9.58	98.3	7.69	<u>2.0</u>	655	402	24	522	94	85	<u>30</u>
	7/7	609	21.38	9.42	106.7	7.90	<u>2.0</u>	656	398	14	515	98	67	<u>30</u>
	7/14	Bacteria Only						Bacteria Only						
	7/21	562	20.47	7.24	80.5	8.24	2.6	634	380	16	710	88	62	<u>30</u>
	7/28	Bacteria Only						Bacteria Only						
	8/5	661	18.78	7.43	79.9	7.90	<u>2.0</u>	748	458	5	<u>200</u>	107	93	<u>30</u>
	8/18	642	18.72	10.70	114.9	7.81	<u>2.0</u>	722	452	5	<u>200</u>	85	74	<u>30</u>
	Mean	649	18.00	9.30	97.8	7.92	2.1	685	417	11.5	391	93.7	77.8	30
Shaw Creek (Tributary to Whetstone Creek at RM 8.47)														
13.20 V04G32 100	6/2	802	13.37	13.94	133.7	8.03	<u>2.0</u>	746	466	<u>5</u>	<u>200</u>	75	103	<u>30</u>
	6/16	711	17.19	9.97	103.7	7.74	<u>2.0</u>	691	444	10	288	84	100	<u>30</u>
	7/7	272	19.60	8.38	91.6	7.77	5.3	304	229 _{pt}	208	6730	93	39	<u>30</u>
	7/14	Bacteria Only						Bacteria Only						
	7/21	639	18.86	8.01	86.3	8.09	<u>2.0</u>	742	468	8	277	88	101	<u>30</u>
	7/28	Bacteria Only						Bacteria Only						
	8/5	649	17.94	8.54	90.3	8.23	<u>2.0</u>	749	478	<u>5</u>	<u>200</u>	83	106	<u>30</u>
	8/18	707	17.13	11.07	115.1	7.45	<u>2.0</u>	830	542	<u>5</u>	277	93	111	<u>30</u>
	Mean	630	17.35	9.99	103.5	7.89	2.6	677	438	40.2	1329	86	93.3	30

Olentangy River Tributaries (05060001)														
RM	Date	Field Parameters					BOD ₅	Cond	TDS	TSS	Al	Ba	Ca	Cr
		Cond	Temp	D.O.	D.O.	pH								
STORET HUC	mmdd	µmhos	°C	mg/l	%	S.U.	mg/l	µmhos	mg/l	mg/l	µg/l	µg/l	mg/l	µg/l
10.60 V04G33 100	6/2	762	14.55	13.11	129.0	8.15	<u>2.0</u>	710	430	<u>5</u>	<u>200</u>	94	95	<u>30</u>
	6/16	692	17.22	9.99	104.0	7.73	<u>2.0</u>	678	428	12	238	94	96	<u>30</u>
	7/7	469	20.29	8.71	96.5	7.80	4.8	515	338	396	6490	151	69	<u>30</u>
	7/14	Bacteria Only					Bacteria Only							
	7/21	578	19.83	7.81	85.7	7.95	3.8	660	406	91	2680	132	88	<u>30</u>
	7/28	Bacteria Only					Bacteria Only							
	8/5	589	18.94	7.44	80.3	7.99	<u>2.0</u>	687	430	9	262	109	94	<u>30</u>
	8/18	706	20.47	8.01	89.0	7.66	<u>2.0</u>	769	492	10	296	130	97	<u>30</u>
	Mean	633	18.55	9.18	97.4	7.88	2.8	670	421	87.2	1694	118	89.8	30
5.20 V04G34 100	6/2	747	13.80	10.74	104.0	8.04	<u>2.0</u>	693	420	9	365	110	91	<u>30</u>
	6/16	648	17.79	8.74	92.1	7.68	<u>2.0</u>	634	400	25	675	101	87	<u>30</u>
	7/7	621	22.49	7.97	92.1	7.84	<u>2.0</u>	651	414	83	2020	142	83	<u>30</u>
	7/14	Bacteria Only					Bacteria Only							
	7/21	640	21.89	6.69	76.5	7.96	<u>2.0</u>	698	428	43	1400	140	91	<u>30</u>
	7/28	Bacteria Only					Bacteria Only							
	8/5	624	19.81	6.94	76.2	8.09	<u>2.0</u>	688	420	28	884	136	95	<u>30</u>
	8/18	686	19.96	8.37	92.2	7.70	<u>2.0</u>	750	470	14	324	141	95	<u>30</u>
	Mean	661	19.29	8.24	88.9	7.89	2.0	686	425	33.7	945	128	90.3	30
1.56 V04S10 100	6/2	717	13.17	10.87	103.8	7.86	<u>2.0</u>	667	390	16	538	109	87	<u>30</u>
	6/16	580	18.07	8.29	87.9	7.61	<u>2.0</u>	566	352	41	1460	102	77	<u>30</u>
	7/7	643	22.56	9.46	109.6	7.86	<u>2.0</u>	675	422	32	648	137	87	<u>30</u>
	7/14	Bacteria Only					Bacteria Only							
	7/21	630	20.91	7.05	79.0	8.01	<u>2.0</u>	713	444	13	479	134	92	<u>30</u>
	7/28	Bacteria Only					Bacteria Only							
	8/5	598	19.77	7.62	83.6	7.94	<u>2.0</u>	659	414	22	513	126	88	<u>30</u>
	8/18	677	20.40	11.71	130.1	7.96	<u>2.0</u>	738	446	7	270	137	89	<u>30</u>
	Mean	641	19.15	9.17	99.0	7.87	2.0	670	411	21.8	651	124	86.7	30
Mitchell Run (Tributary to Whetstone Creek at RM 8.10)														
0.30	6/2	489	12.01	11.55		7.72	<u>2.0</u>	600	358	7	414	167	83	<u>30</u>

Olentangy River Tributaries (05060001)														
RM STORET HUC	Date mmdd	Field Parameters					BOD ₅ mg/l	Cond µmhos	TDS mg/l	TSS mg/l	Al µg/l	Ba µg/l	Ca mg/l	Cr µg/l
		Cond µmhos	Temp °C	D.O. mg/l	D.O. %	pH S.U.								
V04G36 100	6/16	402	18.48	7.30	78.0	7.59	2.1	390	278	41	2400	101	52	<u>30</u>
	7/7	563	20.48	10.51	116.9	7.79	<u>2.0</u>	616	390	37	1160	189	82	<u>30</u>
	7/14	Bacteria Only					Bacteria Only							
	7/21	622	19.84	7.39	81.1	7.72	2.0	704	436	35	1020	210	91	<u>30</u>
	7/28	Bacteria Only					Bacteria Only							
	8/5	319	19.43	6.61	72.0	7.72	2.8	350	250	29	1570	95	48	<u>30</u>
	8/18	555	18.54	10.14	108.5	NA	<u>2.0</u>	615	376	5	<u>200</u>	155	82	<u>30</u>
	Mean	492	18.13	8.92	91.3	7.71	2.2	546	348	25.7	1127	153	73	30
Claypool Run (Tributary to Whetstone Creek at RM 3.27)														
1.20 V04G35 100	6/2	504	10.99	10.99		7.75	<u>2.0</u>	635	364	5	305	50	85	<u>30</u>
	6/16	531	16.09	9.05	92.0	7.73	<u>2.0</u>	521	318	13	582	51	72	<u>30</u>
	7/7	436	20.86	10.03	112.3	7.82	2.4	473	322	34	1220	54	62	<u>30</u>
	7/14	Bacteria Only					Bacteria Only							
	7/21	603	21.06	6.38	71.8	7.99	2.5	639	396	43	1620	62	81	<u>30</u>
	7/28	Bacteria Only					Bacteria Only							
	8/5	446	18.72	8.09	86.9	7.86	<u>2.0</u>	501	358	16	1060	53	71	<u>30</u>
	8/18	513	18.66	10.63	114.0	NA	<u>2.0</u>	572	348	13	432	47	73	<u>30</u>
Mean	506	17.73	9.20	95.4	7.83	2.2	557	351	20.7	870	52.8	74	30	
Olentangy River Tributaries														
Indian Run (Tributary to the Olentangy River at RM 35.28)														
0.90 V04G40 110	6/4	539	13.75	9.65	93.3	7.89	<u>2.0</u>	518	334	21	1650	52	67	<u>30</u>
	6/18	508	16.31	8.30	84.8	7.61	<u>2.0</u>	588	368	9	468	50	80	<u>30</u>
	7/9	376	20.49	6.64	73.8	7.42	<u>2.0</u>	418	284	12	1230	47	53	<u>30</u>
	7/16	Bacteria Only					Bacteria Only							
	7/23	606	18.58	8.39	89.9	7.80	<u>2.0</u>	694	432	<u>5</u>	<u>200</u>	51	96	<u>30</u>
	7/30	Bacteria Only					Bacteria Only							
	8/6	420	19.62	7.70	84.2	7.57	<u>2.0</u>	462	306	5	213	35	63	<u>30</u>
	8/20	694	18.94	8.53	92.1	7.71	<u>2.0</u>	723	450	<u>5</u>	<u>200</u>	55	100	<u>30</u>
Mean	524	17.95	8.20	86.4	7.67	2.0	567	362	9.5	660	48.3	76.5	30	

Olentangy River Tributaries (05060001)														
RM	Date	Field Parameters					BOD ₅	Cond	TDS	TSS	Al	Ba	Ca	Cr
		Cond	Temp	D.O.	D.O.	pH								
STORET HUC	mmdd	µmhos	°C	mg/l	%	S.U.	mg/l	µmhos	mg/l	mg/l	µg/l	µg/l	mg/l	µg/l
Norris Run (Tributary to the Olentangy River at RM 32.18)														
1.30 V04G41 110	6/4	638	13.26	9.43	90.2	7.78	<u>2.0</u>	620	370	34	818	59	79	<u>30</u>
	6/18	488	15.57	9.14	92.0	7.60	<u>2.0</u>	577	352	17	563	52	72	<u>30</u>
	7/9	308	20.33	7.14	79.2	7.82	2.3	343	242	27	1220	46	40	<u>30</u>
	7/16	Bacteria Only						Bacteria Only						
	7/23	605	19.01	7.87	85.0	7.99	<u>2.0</u>	688	418	7	<u>200</u>	65	87	<u>30</u>
	7/30	Bacteria Only						Bacteria Only						
	8/6	502	NA	10.37	NA	7.93	<u>2.0</u>	561	358	10	421	55	73	<u>30</u>
	8/20	660	19.19	7.17	77.8	7.81	<u>2.0</u>	671	408	21	679	64	89	<u>30</u>
	Mean	534	17.47	8.52	84.8	7.82	2.1	577	358	19.3	650	56.8	73.3	30
Sugar Run (Tributary to the Olentangy River at RM 26.97)														
1.40 V04G42 110	6/4	643	13.66	10.18	98.2	7.70	<u>2.0</u>	627	366	11	658	52	75	<u>30</u>
	6/18	575	15.67	9.35	94.2	7.66	<u>2.0</u>	680	416	<u>5</u>	<u>200</u>	49	81	<u>30</u>
	7/9	408	20.11	7.78	85.9	7.34	<u>2.0</u>	458	298	10	703	48	54	<u>30</u>
	7/16	Bacteria Only						Bacteria Only						
	7/23	600	18.90	8.97	96.7	8.03	<u>2.0</u>	683	402	<u>5</u>	<u>200</u>	51	81	<u>30</u>
	7/30	Bacteria Only						Bacteria Only						
	8/6	578	19.50	9.00	98.1	7.80	<u>2.0</u>	644	396	<u>5</u>	<u>200</u>	51	80	<u>30</u>
	8/20	715	19.21	10.46	113.5	7.80	<u>2.0</u>	736	450	<u>5</u>	<u>200</u>	50	85	<u>30</u>
	Mean	587	17.84	9.29	97.8	7.72	2.0	638	388	6.83	360	50.2	76	30
Mill Run (Tributary to the Olentangy River at RM 25.17)														
0.17 V04G43 120	6/4	644	14.28			7.88	<u>2.0</u>	637	386	19	647	52	78	<u>30</u>
	6/18	581	16.81	9.10	94.0	7.62	<u>2.0</u>	667	418	12	450	54	83	<u>30</u>
	7/9	403	20.55	8.66	96.4	7.48	<u>2.0</u>	493	320	21	993	51	60	<u>30</u>
	7/16	Bacteria Only						Bacteria Only						
	7/23	705	18.62	8.71	93.4	7.83	<u>2.0</u>	806	532	6	<u>200</u>	57	101	<u>30</u>
	7/30	Bacteria Only						Bacteria Only						
	8/6	613	19.32	8.24	89.6	7.70	<u>2.0</u>	778	514	9	208	54	100	<u>30</u>
	8/20	873	18.91	10.69	115.4	7.84	<u>2.0</u>	924	644	5	<u>200</u>	61	121	<u>30</u>

Olentangy River Tributaries (05060001)														
RM	Date	Field Parameters					BOD ₅	Cond	TDS	TSS	Al	Ba	Ca	Cr
		Cond	Temp	D.O.	D.O.	pH								
STORET HUC	mmdd	µmhos	°C	mg/l	%	S.U.	mg/l	µmhos	mg/l	mg/l	µg/l	µg/l	mg/l	µg/l
	Mean	637	18.08	9.08	97.8	7.73	2.0	718	469	12	450	54.8	90.5	30
Deep Run (Tributary to the Olentangy River at RM 15.80)														
	6/4	741	15.03			7.81	<u>2.0</u>	723	424	<u>5</u>	213	38	71	<u>30</u>
	6/18	830	17.58	8.31	87.3	7.68	<u>2.0</u>	940	576	<u>5</u>	<u>200</u>	50	99	<u>30</u>
	7/9	470	22.20	7.70	88.5	7.68	<u>2.0</u>	505	304	8	242	38	53	<u>30</u>
	7/16	Bacteria Only						Bacteria Only						
1.20 V04G44 120	7/23	907	18.95	9.62	103.9	7.78	<u>2.0</u>	1090	660	<u>5</u>	<u>200</u>	58	107	<u>30</u>
	7/30	Bacteria Only						Bacteria Only						
	8/6	788	20.62	8.12	90.6	7.76	<u>2.0</u>	865	546	<u>5</u>	<u>200</u>	49	94	<u>30</u>
	8/20	1038	20.31	10.05	111.6	7.80	<u>2.0</u>	1070	716	<u>5</u>	<u>200</u>	63	120	<u>30</u>
	Mean	796	19.12	8.76	96.4	7.75	2.0	866	538	5.5	209	49.3	90.7	30
Lewis Center Tributary (Tributary to the Olentangy River at RM 18.19)														
	6/4	564	13.93			7.94	<u>2.0</u>	551	330	6	770	48	65	<u>30</u>
	6/18	518	16.68	9.93	102.2	7.84	<u>2.0</u>	594	350	<u>5</u>	<u>200</u>	45	71	<u>30</u>
	7/9	310	21.35	8.42	95.2	7.82	<u>2.0</u>	338	240	17	873	40	38	<u>30</u>
	7/16	Bacteria Only						Bacteria Only						
0.01 V04G45 120	7/23	462	19.03	8.99	97.1	7.88	<u>2.0</u>	679	432	<u>5</u>	<u>200</u>	53	78	<u>30</u>
	7/30	Bacteria Only						Bacteria Only						
	8/6	571	19.47	8.97	97.8	7.80	<u>2.0</u>	635	382	<u>5</u>	<u>200</u>	48	73	<u>30</u>
	8/20	664	19.39	11.48	125.0	7.79	<u>2.0</u>	669	426	<u>5</u>	<u>200</u>	54	81	<u>30</u>
	Mean	515	18.31	9.56	103.5	7.85	2.0	578	360	7.17	407	48	67.7	30
Turkey Run (Tributary to the Olentangy River at RM 5.82)														
0.70 V04G46 120	6/4	643	16.29			7.96	<u>2.0</u>	626	358	5	<u>200</u>	55	63	<u>30</u>
	6/18	612	18.91	9.50	102.4	7.85	<u>2.0</u>	670	384	<u>5</u>	<u>200</u>	58	67	<u>30</u>
	7/9						2.2	524	286	5	<u>200</u>	49	49	<u>30</u>
	7/16	Bacteria Only						Bacteria Only						
	7/23	578	20.66	8.69	97.0	7.95	<u>2.0</u>	633	376	<u>5</u>	<u>200</u>	60	67	<u>30</u>
	7/30	576	21.37			7.82					Bacteria Only			
	8/6	417	20.41	8.67	96.2	8.03	<u>2.0</u>	442	260	5	<u>200</u>	46	49	<u>30</u>

Olentangy River Tributaries (05060001)														
RM	Date	Field Parameters					BOD ₅	Cond	TDS	TSS	Al	Ba	Ca	Cr
		Cond	Temp	D.O.	D.O.	pH								
STORET HUC	mmdd	µmhos	°C	mg/l	%	S.U.	mg/l	µmhos	mg/l	mg/l	µg/l	µg/l	mg/l	µg/l
	8/20	665	22.34	10.47	120.8	7.93	<u>2.0</u>	631	400	11	<u>200</u>	67	69	<u>30</u>
	Mean	582	20.00	9.33	104.1	7.92	2.0	588	344	6	200	55.8	60.7	30
Walhalla Hollow (Tributary to the Olentangy River at RM 4.60)														
	6/4	781	15.19			7.95	<u>2.0</u>	763	446	<u>5</u>	<u>200</u>	58	73	<u>30</u>
	6/18	855	18.47	8.33	89.1	7.82	<u>2.0</u>	953	544	<u>5</u>	<u>200</u>	49	61	<u>30</u>
	7/9	522	20.71	8.54	95.4	7.70	<u>2.0</u>	574	326	6	<u>200</u>	49	56	<u>30</u>
	7/16	Bacteria Only						Bacteria Only						
0.80 V04G47 120	7/23	549	19.58	8.67	94.8	7.93	<u>2.0</u>	619	380	<u>5</u>	<u>200</u>	34	50	<u>30</u>
	7/30	1227	20.34			7.57		Bacteria Only						
	8/6	469	19.76	8.62	94.5	7.86	<u>2.0</u>	734	460	<u>5</u>	<u>200</u>	49	70	<u>30</u>
	8/20	639	21.46	9.72	110.2	7.78	<u>2.0</u>	620	416	<u>5</u>	<u>200</u>	35	53	<u>30</u>
	Mean	720	19.36	8.78	96.8	7.80	2.0	711	429	5.17	200	45.7	60.5	30
Glen Echo Ravine (Tributary to the Olentangy River at RM 4.10)														
	6/4	942	15.11			7.94	<u>2.0</u>	1340	792	<u>5</u>	<u>200</u>	74	119	<u>30</u>
	6/18	1208	17.63	9.13	96.1	7.86	<u>2.0</u>	1380	846	<u>5</u>	<u>200</u>	69	124	<u>30</u>
	7/9						<u>2.0</u>	441	232	<u>5</u>	<u>200</u>	34	39	<u>30</u>
	7/16	Bacteria Only						Bacteria Only						
0.70 V04G48 120	7/23	849	19.10	9.90	107.2	7.84	<u>2.0</u>	972	572	<u>5</u>	<u>200</u>	57	85	<u>30</u>
	7/30	957	19.68			7.55		Bacteria Only						
	8/6	818	17.87	7.73	81.6	7.75	<u>2.0</u>	1180	722	<u>5</u>	<u>200</u>	72	111	<u>30</u>
	8/20	1041	20.96	10.94	123.0	7.90	<u>2.0</u>	1060	692	<u>5</u>	<u>200</u>	60	100	<u>30</u>
	Mean	969	18.39	9.43	102.0	7.81	2.0	1062	643	5	200	61	96.3	30

Table 2. Results of chemical/physical water quality sampling conducted in the Olentangy River study area during June-September, 2003. Underlined values indicate concentrations below the method detection limit. NA means not analyzed. CG indicates confluent growth for microbiological results, RC means the result is rejected because of poor correlation with its co-analyte (such as dissolved solids vs conductivity and BOD₅ vs COD), J means the analyte was positively identified, the associated numerical value is estimated, JL means the reported result is estimated because it has been computed using a colony count that is not within the acceptable counting range (microbiology only), X means the analyte was quantitated but the concentration exceeds the instrument's calibration range for that specific analysis (samples could not be re-analyzed within the holding time), and italicized print indicates an effluent sample.

Olentangy River Tributaries														
RM	Date	Cu	Hard	Fe	Mg	Mn	Ni	K	Na	Sr	Zn	Hg	As	
	mmdd	µg/l	mg/l	µg/l	mg/l	µg/l	µg/l	mg/l	mg/l	µg/l	µg/l	µg/l	µg/l	
Whetstone Creek Tributaries														
Unnamed Tributary to Whetstone Creek (RM 33.71)														
0.42 V04G31	6/2	<u>10.0</u>	242	137	20	23	<u>40</u>	3	13	408	<u>10</u>	<u>0.2</u>	<u>2.0</u>	
	6/16	<u>10.0</u>	219	201	18	13	<u>40</u>	3	9	299	<u>10</u>	<u>0.2</u>	<u>2.0</u>	
	7/7	<u>10.0</u>	135	7340	11	153	<u>40</u>	6	17	158	38	<u>0.2</u>	2.5	
	7/14													
	7/21	<u>10.0</u>	100	11600	9	261	<u>40</u>	5	21	183	58	<u>0.2</u>	4.6	
	7/28													
	8/5	<u>10.0</u>	224	307	18	18	40	6	11	342	<u>10</u>	<u>0.2</u>	<u>2.0</u>	
	8/18	<u>10.0</u>	250	111	20	123	<u>40</u>	3	15	423	<u>10</u>	<u>0.2</u>	<u>2.0</u>	
	Mean	10.0	195	3283	16	98.5	40	4.33	14.3	302	22.7	0.2	2.5	
E. Branch Whetstone Creek (Tributary to Whetstone Creek at RM 28.29)														
0.40 V04G39	6/2	<u>10.0</u>	269	124	21	25	<u>40</u>	3	9	354	<u>10</u>	<u>0.2</u>	<u>2.0</u>	
	6/16	<u>10.0</u>	246	323	19	16	<u>40</u>	3	6	252	<u>10</u>	<u>0.2</u>	<u>2.0</u>	
	7/7	<u>10.0</u>	240	2030	19	70	<u>40</u>	3	8	338	<u>10</u>	<u>0.2</u>	<u>2.0</u>	
	7/14													
	7/21	<u>10.0</u>	236	2720	19	78	<u>40</u>	3	7	297	14	<u>0.2</u>	3.5	
	7/28													
	8/5	<u>10.0</u>	217	511	17	21	<u>40</u>	5	6	216	<u>10</u>	<u>0.2</u>	<u>2.0</u>	
	8/18	<u>10.0</u>	271	303	21	59	<u>40</u>	3	8	352	<u>10</u>	<u>0.2</u>	<u>2.0</u>	
	Mean	10.0	247	1002	19.3	44.8	40	3.33	7.33	302	10.7	0.2	2.3	
Sams Creek (Tributary to Whetstone Creek at RM 23.30)														
1.40 V04G38	6/2	<u>10.0</u>	263	644	22	58	<u>40</u>	2	10	470	<u>10</u>	<u>0.2</u>	<u>2.0</u>	
	6/16	<u>10.0</u>	250	808	20	59	<u>40</u>	2	9	417	<u>10</u>	<u>0.2</u>	<u>2.0</u>	

Olentangy River Tributaries													
RM	Date	Cu	Hard	Fe	Mg	Mn	Ni	K	Na	Sr	Zn	Hg	As
	mmdd	µg/l	mg/l	µg/l	mg/l	µg/l	µg/l	mg/l	mg/l	µg/l	µg/l	µg/l	µg/l
	7/7	<u>10.0</u>	268	1580	25	101	<u>40</u>	3	16	489	<u>10</u>	<u>0.2</u>	3.8
	7/14						Bacteria Only						
	7/21	<u>10.0</u>	294	1500	26	63	<u>40</u>	2	11	490	11	<u>0.2</u>	2.8
	7/28						Bacteria Only						
	8/5	<u>10.0</u>	302	358	26	32	<u>40</u>	3	14	548	<u>10</u>	<u>0.2</u>	4.0
	8/18	<u>10.0</u>	324	232	29	41	<u>40</u>	3	13	523	<u>10</u>	<u>0.2</u>	2.7
	Mean	10.0	284	854	24.7	59	40	2.5	12.2	490	10.2	0.2	<u>2.9</u>
Big Run (Tributary to Whetstone Creek at RM 12.75)													
	6/2	<u>10.0</u>	326	426	27	21	<u>40</u>	2	15	823	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	6/16	<u>10.0</u>	315	941	25	47	<u>40</u>	2	13	625	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	7/7	<u>10.0</u>	283	923	28	33	<u>40</u>	3	24	839	<u>10</u>	<u>0.2</u>	2.3
	7/14						Bacteria Only						
0.01 V04G37	7/21	<u>10.0</u>	266	993	27	35	<u>40</u>	3	25	795	10	<u>0.2</u>	2.7
	7/28						Bacteria Only						
	8/5	<u>10.0</u>	352	606	29	58	<u>40</u>	4	24	830	<u>10</u>	NA	2.5
	8/18	<u>10.0</u>	296	322	27	55	<u>40</u>	4	28	742	<u>10</u>	<u>0.2</u>	3.7
	Mean	10.0	306	702	27.2	41.5	40	3	21.5	776	10	0.2	2.5
Shaw Creek (Tributary to Whetstone Creek at RM 8.47)													
	6/2	<u>10.0</u>	381	326	30	26	<u>40</u>	2	11	1620	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	6/16	<u>10.0</u>	365	888	28	56	<u>40</u>	2	9	1210	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	7/7	11.0	147	10400	12	221	<u>40</u>	6	5	410	42	<u>0.2</u>	2.7
	7/14						Bacteria Only						
13.20 V04G32	7/21	<u>10.0</u>	380	664	31	59	<u>40</u>	3	9	1990	<u>10</u>	<u>0.2</u>	2.2
	7/28						Bacteria Only						
	8/5	<u>10.0</u>	392	412	31	57	<u>40</u>	3	13	1810	<u>10</u>	NA	<u>2.0</u>
	8/18	<u>10.0</u>	421	346	35	68	<u>40</u>	3	11	2700	<u>10</u>	<u>0.2</u>	2.4
	Mean	10.2	348	2173	27.8	81.2	40	3.17	9.67	1623	15.3	0.2	2.2
10.60 V04G33	6/2	<u>10.0</u>	352	448	28	36	<u>40</u>	2	12	1200	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	6/16	<u>10.0</u>	351	739	27	47	<u>40</u>	2	10	988	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	7/7	12.0	263	12400	22	384	<u>40</u>	5	7	1080	52	<u>0.2</u>	3.3

Olentangy River Tributaries													
RM	Date	Cu	Hard	Fe	Mg	Mn	Ni	K	Na	Sr	Zn	Hg	As
	mmdd	µg/l	mg/l	µg/l	mg/l	µg/l	µg/l	mg/l	mg/l	µg/l	µg/l	µg/l	µg/l
	7/14	Bacteria Only											
	7/21	<u>10.0</u>	335	4780	28	160	<u>40</u>	3	9	1420	23	<u>0.2</u>	2.8
	7/28	Bacteria Only											
	8/5	<u>10.0</u>	350	735	28	53	<u>40</u>	3	13	1210	<u>10</u>	NA	2.2
	8/18	<u>10.0</u>	374	553	32	78	<u>40</u>	3	12	1880	<u>10</u>	<u>0.2</u>	2.3
	Mean	10.3	338	3276	27.5	126	40	3	10.5	1296	19.2	0.2	2.4
5.20 V04G34	6/2	<u>10.0</u>	338	950	27	47	<u>40</u>	3	12	990	<u>10</u>	<u>0.2</u>	2.1
	6/16	<u>10.0</u>	316	1330	24	55	<u>40</u>	2	10	745	<u>10</u>	<u>0.2</u>	2.0
	7/7	<u>10.0</u>	318	3220	27	130	<u>40</u>	3	11	1260	14	<u>0.2</u>	2.3
	7/14	Bacteria Only											
	7/21	<u>10.0</u>	347	2190	29	88	<u>40</u>	3	11	1340	12	<u>0.2</u>	3.7
	7/28	Bacteria Only											
	8/5	<u>10.0</u>	357	1840	29	102	<u>40</u>	3	13	1250	<u>10</u>	NA	2.4
	8/18	<u>10.0</u>	361	680	30	115	<u>40</u>	3	13	1490	<u>10</u>	<u>0.2</u>	3.1
	Mean	10.0	340	1702	27.7	89.5	40	2.83	11.7	1179	11	0.2	2.6
1.56 V04S10	6/2	<u>10.0</u>	324	1120	26	41	<u>40</u>	2	11	913	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	6/16	<u>10.0</u>	283	2390	22	59	<u>40</u>	3	9	593	<u>10</u>	<u>0.2</u>	2.2
	7/7	<u>10.0</u>	337	1190	29	85	<u>40</u>	3	12	1290	<u>10</u>	<u>0.2</u>	2.4
	7/14	Bacteria Only											
	7/21	<u>10.0</u>	349	949	29	53	<u>40</u>	3	12	1280	16	<u>0.2</u>	2.5
	7/28	Bacteria Only											
	8/5	<u>10.0</u>	331	1030	27	60	<u>40</u>	3	13	1050	<u>10</u>	NA	2.4
	8/18	<u>10.0</u>	342	542	29	98	<u>40</u>	3	15	1310	<u>10</u>	<u>0.2</u>	3.0
	Mean	10.0	328	1204	27	66	40	2.83	12	1073	11	0.2	2.4
Mitchell Run (Tributary to Whetstone Creek at RM 8.10)													
0.30 V04G36	6/2	<u>10.0</u>	302	841	23	32	<u>40</u>	2	8	526	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	6/16	<u>10.0</u>	192	3180	15	55	<u>40</u>	5	<u>5</u>	228	10	<u>0.2</u>	2.9
	7/7	<u>10.0</u>	304	1930	24	65	<u>40</u>	3	10	578	<u>10</u>	<u>0.2</u>	2.4
	7/14	Bacteria Only											
	7/21	<u>10.0</u>	347	1740	29	56	<u>40</u>	3	14	738	<u>10</u>	<u>0.2</u>	3.2

Olentangy River Tributaries													
RM	Date	Cu	Hard	Fe	Mg	Mn	Ni	K	Na	Sr	Zn	Hg	As
	mmdd	µg/l	mg/l	µg/l	mg/l	µg/l	µg/l	mg/l	mg/l	µg/l	µg/l	µg/l	µg/l
	7/28	Bacteria Only											
	8/5	<u>10.0</u>	173	2040	13	45	<u>40</u>	5	<u>5</u>	218	<u>10</u>	NA	<u>2.0</u>
	8/18	<u>10.0</u>	295	566	22	54	<u>40</u>	3	8	538	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	Mean	10.0	269	1716	21	51.2	40	3.5	8.33	471	10	0.2	2.4
Claypool Run (Tributary to Whetstone Creek at RM 3.27)													
	6/2	<u>10.0</u>	315	539	25	29	<u>40</u>	2	7	593	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	6/16	<u>10.0</u>	262	974	20	36	<u>40</u>	2	5	402	<u>10</u>	<u>0.2</u>	2.4
	7/7	<u>10.0</u>	225	1660	17	39	<u>40</u>	4	5	428	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	7/14	Bacteria Only											
1.20 V04G35	7/21	<u>10.0</u>	318	2450	28	78	<u>40</u>	3	9	1110	12	<u>0.2</u>	2.1
	7/28	Bacteria Only											
	8/5	<u>10.0</u>	260	1500	20	47	<u>40</u>	2	5	458	<u>10</u>	NA	<u>2.0</u>
	8/18	<u>10.0</u>	269	796	21	36	<u>40</u>	2	7	681	<u>10</u>	<u>0.2</u>	2.3
	Mean	10.0	275	1320	21.8	44.2	40	2.5	6.33	612	10.3	0.2	2.1
Olentangy River Tributaries													
Indian Run (Tributary to the Olentangy River at RM 35.28)													
	6/4	<u>10.0</u>	237	2010	17	27	<u>40</u>	2	8	272	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	6/18	<u>10.0</u>	286	797	21	21	<u>40</u>	<u>2</u>	8	369	<u>10</u>	<u>0.2</u>	2.0
	7/9	<u>10.0</u>	186	1580	13	20	<u>40</u>	3	5	212	<u>10</u>	<u>0.2</u>	2.0
	7/16	Bacteria Only											
0.90 V04G40	7/23	<u>10.0</u>	343	239	25	14	<u>40</u>	3	11	497	<u>10</u>	<u>0.2</u>	2.4
	7/30	Bacteria Only											
	8/6	<u>10.0</u>	223	364	16	16	<u>40</u>	3	8	267	<u>10</u>	NA	<u>2.0</u>
	8/20	<u>10.0</u>	365	249	28	32	<u>40</u>	3	14	629	<u>10</u>	<u>0.2</u>	3.3
	Mean	10.0	273	873	20	21.7	40	2.67	9	374	10	0.2	2.3
Norris Run (Tributary to the Olentangy River at RM 32.18)													
1.30 V04G41	6/4	<u>10.0</u>	292	1260	23	25	<u>40</u>	2	9	157	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	6/18	<u>10.0</u>	266	928	21	25	<u>40</u>	2	8	152	10	<u>0.2</u>	2.1
	7/9	<u>10.0</u>	149	1600	12	21	<u>40</u>	5	<u>5</u>	80	10	<u>0.2</u>	<u>2.0</u>
	7/16	Bacteria Only											

Olentangy River Tributaries													
RM	Date	Cu	Hard	Fe	Mg	Mn	Ni	K	Na	Sr	Zn	Hg	As
	mmdd	µg/l	mg/l	µg/l	mg/l	µg/l	µg/l	mg/l	mg/l	µg/l	µg/l	µg/l	µg/l
	7/23	<u>10.0</u>	332	406	28	14	<u>40</u>	4	15	242	<u>10</u>	<u>0.2</u>	2.0
	7/30	Bacteria Only											
	8/6	<u>10.0</u>	269	664	21	28	<u>40</u>	4	10	189	<u>10</u>	<u>2.0</u>	<u>0.2</u>
	8/20	<u>10.0</u>	333	1180	27	69	<u>40</u>	3	15	285	<u>10</u>	<u>0.2</u>	3.4
	Mean	10.0	274	1006	22	30.3	40	3.33	10.3	184	10	0.5	2.0
Sugar Run (Tributary to the Olentangy River at RM 26.97)													
	6/4	<u>10.0</u>	282	939	23	13	<u>40</u>	2	12	386	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	6/18	<u>10.0</u>	309	187	26	11	<u>40</u>	<u>2</u>	12	467	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	7/9	<u>10.0</u>	201	1160	16	15	<u>40</u>	3	9	257	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	7/16	Bacteria Only											
1.40 V04G42	7/23	<u>10.0</u>	318	167	28	<u>10</u>	<u>40</u>	2	19	554	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	7/30	Bacteria Only											
	8/6	<u>10.0</u>	298	210	24	<u>10</u>	<u>40</u>	3	16	460	<u>10</u>	NA	<u>2.0</u>
	8/20	<u>10.0</u>	332	243	29	29	<u>40</u>	2	26	778	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	Mean	10.0	290	484	24.3	14.7	40	2.33	15.7	484	10	0.2	2.0
Mill Run (Tributary to the Olentangy River at RM 25.17)													
	6/4	<u>10.0</u>	289	1160	23	26	<u>40</u>	3	16	572	<u>10</u>	<u>0.2</u>	2.3
	6/18	<u>10.0</u>	310	1210	25	46	<u>40</u>	3	15	778	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	7/9	<u>10.0</u>	220	1780	17	32	<u>40</u>	3	11	349	<u>10</u>	<u>0.2</u>	2.6
	7/16	Bacteria Only											
0.17 V04G43	7/23	<u>10.0</u>	388	459	33	18	<u>40</u>	4	21	1340	<u>10</u>	<u>0.2</u>	2.0
	7/30	Bacteria Only											
	8/6	<u>10.0</u>	381	611	32	28	<u>40</u>	4	19	1330	<u>10</u>	NA	<u>2.0</u>
	8/20	<u>10.0</u>	467	548	40	25	<u>40</u>	5	22	2150	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	Mean	10.0	343	961	28.3	29.2	40	3.67	17.3	1087	10	0.2	2.2
Deep Run (Tributary to the Olentangy River at RM 15.80)													
1.20 V04G44	6/4	<u>10.0</u>	256	621	19	41	<u>40</u>	3	44	534	58	<u>0.2</u>	<u>2.0</u>
	6/18	<u>10.0</u>	358	308	27	39	<u>40</u>	3	52	779	26	<u>0.2</u>	<u>2.0</u>
	7/9	<u>10.0</u>	186	644	13	29	<u>40</u>	3	26	327	23	<u>0.2</u>	2.3
	7/16	Bacteria Only											

Olentangy River Tributaries													
RM	Date	Cu	Hard	Fe	Mg	Mn	Ni	K	Na	Sr	Zn	Hg	As
	mmdd	µg/l	mg/l	µg/l	mg/l	µg/l	µg/l	mg/l	mg/l	µg/l	µg/l	µg/l	µg/l
	7/23	<u>10.0</u>	387	602	29	62	<u>40</u>	4	74	890	33	<u>0.2</u>	2.0
	7/30	Bacteria Only											
	8/6	<u>10.0</u>	334	262	24	<u>27</u>	<u>40</u>	3	51	807	<u>12</u>	NA	<u>2.0</u>
	8/20	<u>10.0</u>	427	420	31	54	<u>40</u>	4	63	1040	13	<u>0.2</u>	2.1
	Mean	10.0	325	476	23.8	42	40	3.33	51.7	730	27.5	0.2	2.1
Lewis Center Tributary (Tributary to the Olentangy River at RM 18.19)													
	6/4	<u>10.0</u>	240	1180	19	11	<u>40</u>	3	17	326	<u>10</u>	<u>0.2</u>	2.4
	6/18	<u>10.0</u>	264	176	21	<u>10</u>	<u>40</u>	3	15	357	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	7/9	<u>10.0</u>	136	1400	10	22	<u>40</u>	4	10	170	<u>10</u>	0.2	2.2
	7/16	Bacteria Only											
0.01 V04G45	7/23	<u>10.0</u>	289	77	23	<u>10</u>	<u>40</u>	4	25	431	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	7/30	Bacteria Only											
	8/6	<u>10.0</u>	269	79	21	<u>10</u>	<u>40</u>	4	26	426	<u>10</u>	NA	<u>2.0</u>
	8/20	<u>10.0</u>	297	<u>50</u>	23	<u>10</u>	<u>40</u>	4	25	443	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	Mean	10.0	249	494	19.5	12.2	40	3.67	19.7	359	10	0.2	2.1
Turkey Run (Tributary to the Olentangy River at RM 5.82)													
	6/4	<u>10.0</u>	227	203	17	25	<u>40</u>	2	37	454	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	6/18	<u>10.0</u>	246	<u>50</u>	19	<u>10</u>	<u>40</u>	2	36	504	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	7/9	<u>10.0</u>	184	161	15	16	<u>40</u>	2	28	2350	<u>10</u>	<u>0.2</u>	2.2
	7/16	Bacteria Only											
0.70 V04G46	7/23	<u>10.0</u>	258	143	22	17	<u>40</u>	3	29	5150	<u>10</u>	<u>0.2</u>	2.6
	7/30	Bacteria Only											
	8/6	<u>10.0</u>	176	340	13	12	<u>40</u>	2	18	1320	<u>10</u>	NA	<u>2.0</u>
	8/20	<u>10.0</u>	263	50	22	<u>10</u>	<u>40</u>	3	27	4900	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	Mean	10.0	226	158	18	15	40	2.33	29.2	2446	10	0.2	2.1
Walhalla Hollow (Tributary to the Olentangy River at RM 4.60)													
0.80 V04G47	6/4	<u>10.0</u>	265	176	20	16	<u>40</u>	3	48	624	86	<u>0.2</u>	<u>2.0</u>
	6/18	<u>10.0</u>	226	166	18	17	<u>40</u>	4	88	739	100	<u>0.2</u>	<u>2.0</u>
	7/9	<u>10.0</u>	193	351	13	20	<u>40</u>	3	35	474	84	<u>0.2</u>	<u>2.0</u>
	7/16	Bacteria Only											

Olentangy River Tributaries													
RM	Date	Cu	Hard	Fe	Mg	Mn	Ni	K	Na	Sr	Zn	Hg	As
	mmdd	µg/l	mg/l	µg/l	mg/l	µg/l	µg/l	mg/l	mg/l	µg/l	µg/l	µg/l	µg/l
	7/23	<u>10.0</u>	191	83	16	<u>10</u>	<u>40</u>	4	40	781	105	<u>0.2</u>	<u>2.0</u>
	7/30	Bacteria Only											
	8/6	<u>10.0</u>	257	<u>50</u>	20	<u>10</u>	<u>40</u>	4	42	807	49	NA	<u>2.0</u>
	8/20	<u>10.0</u>	<u>198</u>	<u>50</u>	16	<u>10</u>	<u>40</u>	4	41	925	122	<u>0.2</u>	<u>2.0</u>
	Mean	10.0	222	146	17.2	13.8	40	3.67	49	725	91	0.2	2.0
Glen Echo Ravine (Tributary to the Olentangy River at RM 4.10)													
0.70 V04G48	6/4	<u>10.0</u>	441	169	35	16	<u>40</u>	4	105	1460	18	<u>0.2</u>	<u>2.0</u>
	6/18	<u>10.0</u>	478	115	41	<u>10</u>	<u>40</u>	4	97	2070	16	<u>0.2</u>	<u>2.0</u>
	7/9	<u>10.0</u>	134	402	9	10	<u>40</u>	3	32	362	27	<u>0.2</u>	<u>2.0</u>
	7/16	Bacteria Only											
	7/23	<u>10.0</u>	319	131	26	<u>10</u>	<u>40</u>	5	69	1300	29	<u>0.2</u>	2.5
	7/30	Bacteria Only											
	8/6	<u>10.0</u>	417	127	34	12	<u>40</u>	4	78	1620	17	NA	<u>2.0</u>
	8/20	<u>10.0</u>	386	60	33	<u>10</u>	<u>40</u>	4	68	2050	<u>10</u>	<u>0.2</u>	<u>2.0</u>
	Mean	10.0	363	167	29.7	11.3	40	4	74.8	1477	19.5	0.2	2.1

Table 3. Documented sanitary sewer overflows into the Olentangy River watershed from the City of Columbus sewerage system, Summer 2003 (information courtesy of the Columbus Division of Sewers and Drains).

Month	Location	Receiving Water	Estimated Date and Frequency*	Cause
June	MH Velma and alley s/o Hudson	Olentangy River	At least once between 6/9 and 6/16	wet weather
June	MH Howey and Maynard	Olentangy River	At least once between 6/9 and 6/16	wet weather
June	MH Azelda and alley n/o Hudson	Olentangy River	At least once between 6/9 and 6/16	wet weather
June	MH Hamilton & alley n/o Duxberry	Olentangy River	At least once between 6/9 and 6/16	wet weather
June	MH Como and High	Olentangy River	At least once between 6/9 and 6/16	wet weather
June	MH Richards and Granden	Olentangy River	At least once between 6/9 and 6/16	wet weather
June	MH Wetmore and alley e/o High Street	ditch e/o Rustic Bridge & s/o Beechwold Blvd.	At least once between 6/9 and 6/16	wet weather
June	MH Lexington and alley n/o Hudson	Olentangy River	At least once between 6/9 and 6/16	wet weather
June	MH Maynard and Velma	Olentangy River	At least once between 6/9 and 6/16	wet weather
June	MH Third and Morning	Olentangy River	6/3 0715 to 6/3 1100	wet weather
31.3% of all of the known SSOs in the City of Columbus discharged to the Olentangy River watershed in June 2003				
July	MH Republic and Ontario	Glen Echo Ravine	At least once between 7/14 and 7/21	wet weather
July	MH e/o Olentangy St. and Indianola	Glen Echo Ravine	At least once between 6/30 and 7/7	wet weather
July	MH Akola and alley e/o Homecroft	Glen Echo Ravine	At least once between 7/14 and 7/21	wet weather
July	MH Howey and Maynard	Olentangy River	At least once between 7/21 and 7/28	wet weather
July	MH Howey and Maynard	Olentangy River	At least once between 7/14 and 7/21	wet weather
July	MH Hamilton & alley n/o Duxberry	Olentangy River	At least once between 7/14 and 7/21	wet weather
July	MH Como & High	Olentangy River	At least once between 7/22 and 7/28	wet weather
July	MH Como & High	Olentangy River	At least once between 7/16 and 7/21	wet weather

Month	Location	Receiving Water	Estimated Date and Frequency*	Cause
July	MH Como & High	Olentangy River	At least once between 6/30 and 7/7	wet weather
July	MH Richards & Granden	Olentangy River	At least once between 7/16 and 7/21	wet weather
July	MH Richards & Granden	Olentangy River	At least once between 6/30 and 7/7	wet weather
July	MH Lexington & alley n/o Hudson	Olentangy River	At least once between 7/14 and 7/21	wet weather
July	MH Third Ave. & Oxley (west)	Olentangy River	7/6 09:15 to 7/6 09:30	wet weather
July	MH Third Ave. & Oxley (west)	Olentangy River	7/23 15:45 to 7/23 16:15	wet weather
July	MH Third Ave. & Oxley (east)	Olentangy River	7/6 19:15 to 7/6 19:30	wet weather
July	MH Third Ave. & Oxley (east)	Olentangy River	7/23 15:45 to 7/23 16:00	wet weather
July	MH Third & Morning	Olentangy River	7/6 18:55 to 7/6 20:55	wet weather
July	MH Third & Morning	Olentangy River	7/23 15:25 to 7/23 17:55	wet weather
July	MH King Ave. & alley w/o Virginia	Olentangy River	7/6 18:45 to 7/6 19:15	wet weather
July	MH Hamilton & alley n/o Duxberry	Olentangy River	7/15 13:50 to 7/15 15:00	blockage
July	MH Midgard & alley e/o Indianola	Wahalla Ravine	At least once between 6/30 and 7/7	wet weather
45.8% of all of the known SSOs in the City of Columbus discharged to the Olentangy River watershed in July 2003				
August	MH alley e/o High & s/o Schreyer Pl.	Adena Brook/Indian Spring Run	at least once between 7/28 and 8/5	wet weather
August	MH Wetmore & alley e/o High St.	ditch e/o Rustic Bridge & s/o Beechwold Blvd.	at least once between 8/12 and 8/18	wet weather
August	MH Wetmore & alley e/o High St.	ditch e/o Rustic Bridge & s/o Beechwold Blvd.	at least once between 8/5 and 8/12	wet weather
August	MH Wetmore & alley e/o High St.	ditch e/o Rustic Bridge & s/o Beechwold Blvd.	at least once between 7/28 and 8/5	wet weather

Month	Location	Receiving Water	Estimated Date and Frequency*	Cause
August	MH s/o Rathbone, e/o Delawanda	ditch s/o Rathbone & Delawanda	at least once between 7/28 and 8/5	wet weather
August	MH Howey & Briarwood	Glen Echo Ravine	at least once between 8/5 and 8/11	wet weather
August	MH Republic & Ontario	Glen Echo Ravine	at least once between 8/5 and 8/11	wet weather
August	MH s/s of Third Ave., 690 ft. w/o Olentangy River Rd.	Olentangy River	at least once between 8/12 and 8/19	wet weather
August	MH s/s of Third Ave., 690 ft. w/o Olentangy River Rd.	Olentangy River	at least once between 8/6 and 8/12	wet weather
August	MH s/s of Third Ave., 690 ft. w/o Olentangy River Rd.	Olentangy River	at least once between 7/29 and 8/6	wet weather
August	MH Fifth Ave. & North Star	Olentangy River	at least once between 7/29 and 8/6	wet weather
August	MH Fifth Ave. & North Star	Olentangy River	at least once between 8/12 and 8/19	wet weather
August	MH King & North Star	Olentangy River	at least once between 7/29 and 8/6	wet weather
August	MH Velma & alley s/o Hudson	Olentangy River	at least once between 8/5 and 8/11	wet weather
August	MH Velma & alley s/o Hudson	Olentangy River	at least once between 7/28 and 8/5	wet weather
August	MH Howey & Maynard	Olentangy River	at least once between 8/4 and 8/11	wet weather
August	MH Howey & Maynard	Olentangy River	at least once between 7/28 and 8/4	wet weather
August	MH Azelda & alley n/o Hudson	Olentangy River	at least once between 8/5 and 8/11	wet weather
August	MH Hamilton & alley n/o Duxberry	Olentangy River	at least once between 8/4 and 8/11	wet weather
August	MH Hamilton & alley n/o Duxberry	Olentangy River	at least once between 7/28 and 8/4	wet weather
August	MH Richards & Granden	Olentangy River	at least once between 7/28 and 8/5	wet weather
August	MH 200' w/o Rustic Pl. & Olentangy Blvd.	Olentangy River	at least once between 7/28 and 8/5	wet weather

Month	Location	Receiving Water	Estimated Date and Frequency*	Cause
August	MH r/o 4895 Olentangy Blvd., w/o Olentangy Blvd. & n/o Royal Forest	Olentangy River	at least once between 8/12 and 8/18	wet weather
August	MH r/o 4895 Olentangy Blvd., w/o Olentangy Blvd. & n/o Royal Forest	Olentangy River	at least once between 7/28 and 8/5	wet weather
August	MH Lexington & alley n/o Hudson	Olentangy River	at least once between 8/5 and 8/11	wet weather
August	MH Maynard & Velma	Olentangy River	at least once between 8/5 and 8/11	wet weather
August	MH S.R. 315 N.B. off ramp to Henderson	Olentangy River	at least once between 8/12 and 8/18	wet weather
August	MH S.R. 315 N.B. off ramp to Henderson	Olentangy River	at least once between 7/28 and 8/5	wet weather
August	MH s/s of Third Ave., 290 ft. w/o Olentangy River Rd.	Olentangy River	8/4 12:30 to 8/4 15:00	wet weather
August	MH s/s of Third Ave., 290 ft. w/o Olentangy River Rd.	Olentangy River	8/30 1:15 to 8/30 10:00	wet weather
August	MH s/s of Third Ave., 290 ft. w/o Olentangy River Rd.	Olentangy River	8/30 10:15 to 8/30 10:30	wet weather
August	MH Third Ave. & Oxley (west)	Olentangy River	8/4 12:30 to 8/4 16:00	wet weather
August	MH Third Ave. & Oxley (west)	Olentangy River	8/27 8:45 to 8/27 9:15	wet weather
August	MH Third Ave. & Oxley (west)	Olentangy River	8/30 1:00 to 8/30 12:15	wet weather
August	MH f/o 814 W. Third Ave.	Olentangy River	8/4 12:15 to 8/4 17:15	wet weather
August	MH f/o 814 W. Third Ave.	Olentangy River	8/30 1:00 to 8/30 12:00	wet weather
August	MH s/s of Third Ave., 490 ft. w/o Olentangy River Rd.	Olentangy River	8/27 8:45 to 8/27 9:30	wet weather
August	MH s/s of Third Ave., 490 ft. w/o Olentangy River Rd.	Olentangy River	8/30 1:00 to 8/30 14:45	wet weather
August	MH s/s of Third Ave., 490 ft. w/o Olentangy River Rd.	Olentangy River	8/30 15:00 to 8/30 15:15	wet weather

Month	Location	Receiving Water	Estimated Date and Frequency*	Cause
August	MH Third Ave. & Oxley (east)	Olentangy River	8/4 12:30 to 8/4 15:30	wet weather
August	MH Third Ave. & Oxley (east)	Olentangy River	8/27 9:00 to 8/27 9:15	wet weather
August	MH Third Ave. & Oxley (east)	Olentangy River	8/30 1:00 to 8:30 12:00	wet weather
August	MH Third & Morning	Olentangy River	8/4 12:10 to 8/4 23:45	wet weather
August	MH Third & Morning	Olentangy River	8/27 7:30 to 8/27 10:00	wet weather
August	MH Third & Morning	Olentangy River	8/27 10:45 to 8/27 11:15	wet weather
August	MH Third & Morning	Olentangy River	8/30 1:00 to 8/30 23:00	wet weather
August	MH alley n/o King & w/o Star Ave	Olentangy River	8/4 12:45 to 8/4 15:30	wet weather
August	MH King Ave. & alley w/o Virginia	Olentangy River	8/4 12:15 to 8/4 14:45	wet weather
August	MH King Ave. & alley w/o Virginia	Olentangy River	8/30 1:00 to 8/30 8:45	wet weather
August	MH Meadow Rd. & Third Ave.	Olentangy River	8/30 1:15 to 8/30 3:30	wet weather
August	MH Meadow Rd. & Third Ave.	Olentangy River	8/30 5:30 to 8/30 6:45	wet weather
August	MH alley n/o Hill Ave. w/o Perry St.	Olentangy River	8/30 11:15 to 8/30 11:30	wet weather
August	MH alley n/o Hill Ave. w/o Perry St.	Olentangy River	8/30 12:15 to 8/30 12:30	wet weather
August	MH alley n/o Hill Ave. w/o Perry St.	Olentangy River	8/30 14:45 to 8/30 15:00	wet weather
August	MH Fifth Ave. & Eastview/Kenny	Olentangy River	8/4 12:00 to 8/4 17:15	wet weather
August	MH Fifth Ave. & Eastview/Kenny	Olentangy River	8/27 8:45 to 8/27 9:00	wet weather
August	MH Fifth Ave. & Eastview/Kenny	Olentangy River	8/30 1:00 to 8/30 11:15	wet weather
August	MH f/o 320 Kanawha	Olentangy River	8/27 8:00 to 8/27 8:30	wet weather
August	MH f/o 320 Kanawha	Olentangy River	8/30 1:15 to 8/30 10:15	wet weather
August	MH f/o 320 Kanawha	Olentangy River	8/30 10:30 to 8/30 10:45	wet weather

Month	Location	Receiving Water	Estimated Date and Frequency*	Cause
August	4385 Olentangy River Road	Olentangy River	discovered 8/4 13:50 to 8/4 17:50	wet weather
August	MH King & North Star	Olentangy River	at least once between 7/29 and 8/6	wet weather
August	MH Richards & Granden	Olentangy River	at least once between 8/12 and 8/18	wet weather
August	MH n/s of Weisheimer & Starrett	Olentangy River	at least once between 8/12 and 8/18	wet weather
August	MH Maynard & Velma	Olentangy River	at least once between 7/28 and 8/5	wet weather
August	MH Northridge & Atwood Terrace	Overbrook Ravine	at least once between 8/11 and 8/18	wet weather
August	MH Pauline & Atwood Terrace	Overbrook Ravine	at least once between 8/11 and 8/18	wet weather
August	MH Midgard & alley e/o Indianola	Wahalla Ravine	at least once between 8/12 and 8/18	wet weather
47.2% of all of the known SSOs in the City of Columbus discharged to the Olentangy River watershed in August 2003				
September	MH alley e/o High & s/o Schreyer Pl.	Adena Brook/Indian Spring Run	at least once between 9/22 and 9/29	wet weather
September	MH alley e/o High & s/o Schreyer Pl.	Adena Brook/Indian Spring Run	at least once between 8/25 and 9/4	wet weather
September	MH Wetmore & alley e/o High St.	ditch e/o Rustic Bridge & s/o Beechwold Blvd.	at least once between 9/22 and 9/29	wet weather
September	MH Wetmore & alley e/o High St.	ditch e/o Rustic Bridge & s/o Beechwold Blvd.	at least once between 9/15 and 9/22	wet weather
September	MH Wetmore & alley e/o High St.	ditch e/o Rustic Bridge & s/o Beechwold Blvd.	at least once between 8/25 and 9/4	wet weather
September	MH Webster Pk. & Olentangy Blvd.	ditch on s/s of Webster Park w/o Olentangy Blvd.	at least once between 8/25 and 9/4	wet weather
September	MH s/o Rathbone, e/o Delawanda	ditch s/o Rathbone & Delawanda	at least once between 8/25 and 9/4	wet weather
September	MH Howey & Briarwood	Glen Echo Ravine	at least once between 9/22 and 9/29	wet weather

Month	Location	Receiving Water	Estimated Date and Frequency*	Cause
September	MH Howey & Briarwood	Glen Echo Ravine	at least once between 8/25 and 9/5	wet weather
September	MH Akola & alley w/o Atwood Terrace	Glen Echo Ravine	at least once between 8/25 and 9/5	wet weather
September	MH Republic & Ontario	Glen Echo Ravine	at least once between 9/22 and 9/29	wet weather
September	MH Republic & Ontario	Glen Echo Ravine	at least once between 8/25 and 9/5	wet weather
September	MH Alamo & alley w/o Osceola	Glen Echo Ravine	at least once between 8/25 and 9/5	wet weather
September	MH Alamo & alley w/o Pontiac	Glen Echo Ravine	at least once between 8/25 and 9/5	wet weather
September	MH Minnesota & Hamilton	Glen Echo Ravine	at least once between 8/25 and 9/5	wet weather
September	MH e/o McGuffey & Aberdeen	Glen Echo Ravine	at least once between 9/22 and 9/29	wet weather
September	MH e/o McGuffey & Aberdeen	Glen Echo Ravine	at least once between 8/25 and 9/5	wet weather
September	MH Akola & alley e/o Homecroft	Glen Echo Ravine	at least once between 8/25 and 9/5	wet weather
September	MH e/o Olentangy St. & Indianola	Glen Echo Ravine & Indianola Avenue	at least once between 8/25 and 9/4	wet weather
September	MH s/s of Third Ave., 690 ft. w/o Olentangy River Rd.	Olentangy River	at least once between 8/26 and 9/4	wet weather
September	MH Fifth Ave. & North Star	Olentangy River	at least once between 9/23 and 9/30	wet weather
September	MH Fifth Ave. & North Star	Olentangy River	at least once between 8/26 and 9/4	wet weather
September	MH King & North Star	Olentangy River	at least once between 9/23 and 9/30	wet weather
September	MH King & North Star	Olentangy River	at least once between 8/26 and 9/4	wet weather
September	MH Velma & alley s/o Hudson	Olentangy River	at least once between 9/15 and 9/22	wet weather
September	MH Velma & alley s/o Hudson	Olentangy River	at least once between 8/25 and 9/5	wet weather
September	MH Howey & Maynard	Olentangy River	at least once between 9/22 and 9/29	wet weather
September	MH Howey & Maynard	Olentangy River	at least once between 9/15 and 9/22	wet weather

Month	Location	Receiving Water	Estimated Date and Frequency*	Cause
September	MH Howey & Maynard	Olentangy River	at least once between 8/25 and 9/5	wet weather
September	MH Azelda & alley n/o Hudson	Olentangy River	at least once between 9/22 and 9/29	wet weather
September	MH Azelda & alley n/o Hudson	Olentangy River	at least once between 9/15 and 9/22	wet weather
September	MH Azelda & alley n/o Hudson	Olentangy River	at least once between 8/25 and 9/5	wet weather
September	MH Hamilton & alley n/o Duxberry	Olentangy River	at least once between 9/22 and 9/29	wet weather
September	MH Hamilton & alley n/o Duxberry	Olentangy River	at least once between 9/15 and 9/22	wet weather
September	MH Hamilton & alley n/o Duxberry	Olentangy River	at least once between 8/25 and 9/5	wet weather
September	MH n/o Pacemont at Olentangy River on 8" sanitary	Olentangy River	at least once between 8/25 and 9/4	wet weather
September	MH Olentangy Blvd. & Montrose Way	Olentangy River	at least once between 8/25 and 9/4	wet weather
September	MH Como & High	Olentangy River	at least once between 9/22 and 9/29	wet weather
September	MH Como & High	Olentangy River	at least once between 9/15 and 9/22	wet weather
September	MH Como & High	Olentangy River	at least once between 8/25 and 9/4	wet weather
September	MH Richards & Granden	Olentangy River	at least once between 9/22 and 9/29	wet weather
September	MH Richards & Granden	Olentangy River	at least once between 9/15 and 9/22	wet weather
September	MH Richards & Granden	Olentangy River	at least once between 8/25 and 9/4	wet weather
September	MH 200' w/o Rustic Pl. & Olentangy Blvd.	Olentangy River	at least once between 8/25 and 9/4	wet weather
September	MH r/o 4895 Olentangy Blvd., w/o Olentangy Blvd. & n/o Royal Forest	Olentangy River	at least once between 8/25 and 9/4	wet weather
September	MH n/s of Weisheimer & Starrett	Olentangy River	at least once between 8/25 and 9/4	wet weather
September	MH Lexington & alley n/o Hudson	Olentangy River	at least once between 9/15 and 9/22	wet weather
September	MH Lexington & alley n/o Hudson	Olentangy River	at least once between 8/25 and 9/5	wet weather

Month	Location	Receiving Water	Estimated Date and Frequency*	Cause
September	MH Maynard & Velma	Olentangy River	at least once between 9/22 and 9/29	wet weather
September	MH Maynard & Velma	Olentangy River	at least once between 9/15 and 9/22	wet weather
September	MH Maynard & Velma	Olentangy River	at least once between 8/25 and 9/5	wet weather
September	MH S.R. 315 N.B. off ramp to Henderson	Olentangy River	at least once between 8/25 and 9/4	wet weather
September	MH s/s of Third Ave., 290 ft. w/o Olentangy River Rd.	Olentangy River	9/1 18:15 to 9/1 18:45	wet weather
September	MH s/s of Third Ave., 290 ft. w/o Olentangy River Rd.	Olentangy River	9/1 19:00 to 9/1 21:15	wet weather
September	MH s/s of Third Ave., 290 ft. w/o Olentangy River Rd.	Olentangy River	9/1 21:45 to 9/1 22:15	wet weather
September	MH Third Ave. & Oxley (west)	Olentangy River	9/1 17:15 to 9/2 1:45	wet weather
September	MH Third Ave. & Oxley (west)	Olentangy River	9/2 20:45 to 9/3 1:30	wet weather
September	MH Third Ave. & Oxley (west)	Olentangy River	9/22/ 11:15 to 9/22 12:15	wet weather
September	MH Third Ave. & Oxley (west)	Olentangy River	9/27 4:45 to 9/27 10:00	wet weather
September	MH f/o 814 W. Third Ave.	Olentangy River	9/1 11:30 to 9/1 12:45	wet weather
September	MH f/o 814 W. Third Ave.	Olentangy River	9/1 17:15 to 9/2 9:30	wet weather
September	MH f/o 814 W. Third Ave.	Olentangy River	9/2 12:30 to 9/2 14:30	wet weather
September	MH f/o 814 W. Third Ave.	Olentangy River	9/2 20:00 to 9/3 14:15	wet weather
September	MH s/s of Third Ave., 490 ft. w/o Olentangy River Rd.	Olentangy River	9/1 11:30 to 9/1 13:00	wet weather
September	MH s/s of Third Ave., 490 ft. w/o Olentangy River Rd.	Olentangy River	9/1 17:15 to 9/2 3:45	wet weather
September	MH s/s of Third Ave., 490 ft. w/o Olentangy River Rd.	Olentangy River	9/2 4:00 to 9/2 4:15	wet weather

Month	Location	Receiving Water	Estimated Date and Frequency*	Cause
September	MH s/s of Third Ave., 490 ft. w/o Olentangy River Rd.	Olentangy River	9/2 20:45 to 9/3 3:45	wet weather
September	MH s/s of Third Ave., 490 ft. w/o Olentangy River Rd.	Olentangy River	9/3 4:00 to 9/3 4:15	wet weather
September	MH s/s of Third Ave., 490 ft. w/o Olentangy River Rd.	Olentangy River	9/22 11:45 to 9/22 12:30	wet weather
September	MH s/s of Third Ave., 490 ft. w/o Olentangy River Rd.	Olentangy River	9/27 5:30 to 9/27 10:30	wet weather
September	MH Third Ave. & Oxley (east)	Olentangy River	9/2 21:00 to 9/2 23:30	wet weather
September	MH Third Ave. & Oxley (east)	Olentangy River	9/22 11:30 to 9/22 12:00	wet weather
September	MH Third Ave. & Oxley (east)	Olentangy River	9/27 5:45 to 9/27 8:00	wet weather
September	MH Third & Morning	Olentangy River	9/1 11:00 to 9/3 18:00	wet weather
September	MH Third & Morning	Olentangy River	9/3 18:30 to 9/3 19:45	wet weather
September	MH Third & Morning	Olentangy River	9/3 20:30 to 9/3 20:45	wet weather
September	MH Third & Morning	Olentangy River	9/3 21:15 to 9/3 21:30	wet weather
September	MH Third & Morning	Olentangy River	9/22 10:30 to 9/22 15:00	wet weather
September	MH Third & Morning	Olentangy River	9/22 15:30 to 9/22 17:00	wet weather
September	MH Third & Morning	Olentangy River	9/26 19:30 to 9/26 20:30	wet weather
September	MH Third & Morning	Olentangy River	9/27 3:45 to 9/27 17:00	wet weather
September	MH alley n/o King & w/o Star Ave	Olentangy River	9/1 18:00 to 9/1 23:30	wet weather
September	MH King Ave. & alley w/o Virginia	Olentangy River	9/1 17:30 to 9/1 21:45	wet weather
September	MH King Ave. & alley w/o Virginia	Olentangy River	9/2 20:45 to 9/2 21:45	wet weather
September	MH King Ave. & alley w/o Virginia	Olentangy River	9/27 5:30 to 9/27 7:45	wet weather

Month	Location	Receiving Water	Estimated Date and Frequency*	Cause
September	MH Fifth Ave. & Eastview/Kenny	Olentangy River	9/1 17:30 to 9/2 0:30	wet weather
September	MH Fifth Ave. & Eastview/Kenny	Olentangy River	9/2 21:00 9 to 9/3 0:15	wet weather
September	MH Fifth Ave. & Eastview/Kenny	Olentangy River	9/22 11:30 to 9/22 12:00	wet weather
September	MH Fifth Ave. & Eastview/Kenny	Olentangy River	9/27 5:15 to 9/27 9:30	wet weather
September	MH f/o 320 Kanawha	Olentangy River	9/1 18:30 to 9/2 3:00	wet weather
September	MH f/o 320 Kanawha	Olentangy River	9/2 20:30 to 9/3 5:30	wet weather
September	MH f/o 320 Kanawha	Olentangy River	9/3 6:15 to 9/3 7:00	wet weather
September	MH f/o 320 Kanawha	Olentangy River	9/3 7:15 to 9/3 8:00	wet weather
September	r/o 4075 North High Street	Olentangy River	discovered 9/2	wet weather
September	along Olentangy River n/o Dodridge	Olentangy River	discovered 9/3	wet weather
September	4385 Olentangy River Road	Olentangy River	discovered 9/4	wet weather
September	MH Lexington & alley n/o Hudson	Olentangy River	at least once between 9/22 and 9/29	wet weather
September	MH Pauline & Atwood Terrace	Overbrook Ravine	at least once between 8/25 and 9/5	wet weather

September	MH Northridge & Atwood Terrace	Overbrook Ravine	at least once between 9/22 and 9/29	wet weather
September	MH Northridge & Atwood Terrace	Overbrook Ravine	at least once between 8/25 and 9/5	wet weather
September	MH Midgard & alley e/o Indianola	Wahalla Ravine	at least once between 8/25 and 9/4	wet weather
September	MH e/s Indianola & alley n/o East North Broadway	Wahalla Ravine at Wahalla & Diana	at least once between 8/25 and 9/4	wet weather
60.7% of all of the known SSOs in the City of Columbus discharged to the Olentangy River watershed in September 2003				
<p>*No estimates of the volume of the overflows were available in any of these documented instances. e/o = east of w/o = west of n/o = north of s/o = south of MH = manhole</p>				

Table 4. Results of chemical/physical water quality sampling conducted in the Olentangy River study area during June-September, 2003. Underlined values indicate concentrations below the method detection limit. NA means not analyzed. CG indicates confluent growth for microbiological results, RC means the result is rejected because of poor correlation with its co-analyte (such as dissolved solids vs conductivity and BOD₅ vs COD), J means the analyte was positively identified, the associated numerical value is estimated, JL means the reported result is estimated because it has been computed using a colony count that is not within the acceptable counting range (microbiology only), X means the analyte was quantitated but the concentration exceeds the instrument's calibration range for that specific analysis (samples could not be re-analyzed within the holding time), and italicized print indicates an effluent sample.

Olentangy River Tributaries											
RM	Date	Cd	Pb	Se	E. Coli	F. Coliform	Alkalinity	Cl	COD	NO ₂	NH ₃
	mmdd	μg/l	μg/l	μg/l	#/100 ml	#/100 ml	mg/l	mg/l	mg/l	mg/l	mg/l
Whetstone Creek Tributaries											
Unnamed Tributary to Whetstone Creek (RM 33.71)											
0.42 V04G31	6/2	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	10 _{JL}	110 _{JL}	168	23.3	<u>10</u>	<u>0.020</u>	<u>0.050</u>
	6/16	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	110 _{JL}	710 _{JL}	151	18.0	28	<u>0.020</u>	<u>0.050</u>
	7/7	0.21	5.3	<u>2.0</u>	4700	17000 _{JL}	79.9	27.9	22	0.130	0.627
	7/14				<u>10</u>	2700					
	7/21	0.23	11.0	<u>2.0</u>	14000 _{JL}	35000	62.9	32.4	16	0.056	0.240
	7/28				19000 _{JL}	60000 _X					
	8/5	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	180 _{JL}	330	166	18.8	32	0.037	<u>0.050</u>
	8/18	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	<u>10</u>	80 _{JL}	203	27.0	<u>10</u>	<u>0.020</u>	<u>0.050</u>
	Mean		0.2	4.1	2.0	4753	14491	138.467	24.6	19.67	0.047
E. Branch Whetstone Creek (Tributary to Whetstone Creek at RM 28.29)											
0.40 V04G39	6/2	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	60 _{JL}	120 _{JL}	195	20.5	<u>10</u>	<u>0.020</u>	<u>0.050</u>
	6/16	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	90 _{JL}	300	160	14.3	11	<u>0.020</u>	<u>0.050</u>
	7/7	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	830 _{JL}	5200	187	18.4	<u>10</u>	<u>0.020</u>	0.081
	7/14				30 _{JL}	270					
	7/21	<u>0.2</u>	2.0	<u>2.0</u>	2000	3000	180	17.8	10	<u>0.020</u>	0.069
	7/28				6800	14000 _{JL}					
	8/5	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	120 _{JL}	500 _{JL}	152	14.2	19	<u>0.020</u>	<u>0.050</u>
	8/18	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	90 _{JL}	130 _{JL}	216	19.8	12	<u>0.020</u>	0.072
	Mean		0.2	2.0	2.0	1253	2940	181.667	17.5	12	0.020
Sams Creek (Tributary to Whetstone Creek at RM 23.30)											
1.40 V04G38	6/2	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	1340 _{JL}	5300	182	22.0	11	<u>0.020</u>	<u>0.050</u>
	6/16	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	1200 _{JL}	2300	169	16.7	18	0.035	0.051

Olentangy River Tributaries											
RM	Date	Cd	Pb	Se	E. Coli	F. Coliform	Alkalinity	Cl	COD	NO ₂	NH ₃
	mmdd	µg/l	µg/l	µg/l	#/100 ml	#/100 ml	mg/l	mg/l	mg/l	mg/l	mg/l
	7/7	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	800 _{JL}	14000 _{JL}	198	31.1	11	0.053	0.172
	7/14				410	1300 _{JL}					
	7/21	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	36000	67000 _{JL}	222	24.9	<u>10</u>	0.026	0.062
	7/28				2100	5700					
	8/5	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	280	1700 _{JL}	226	29.3	22	0.031	<u>0.050</u>
	8/18	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	850 _{JL}	2000	247	28.4	<u>10</u>	0.030	0.055
	Mean	0.2	2.0	2.0	5373	12413	207.333	25.4	13.67	0.033	0.073
Big Run (Tributary to Whetstone Creek at RM 12.75)											
	6/2	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	50 _{JL}	660 _{JL}	186	35.1	14	0.040	<u>0.050</u>
	6/16	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	140 _{JL}	990 _{JL}	189	27.0	<u>10</u>	0.052	0.052
	7/7	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	1350 _{JL}	6000	203	49.7	<u>10</u>	0.023	<u>0.050</u>
	7/14				180 _{JL}	720 _{JL}					
0.01 V04G37	7/21	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	6700	29000	196	53.6	13	0.025	0.151
	7/28				1900 _{JL}	6200 _{JL}					
	8/5	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	130 _{JL}	1020 _{JL}	254	49.2	16	<u>0.020</u>	0.063
	8/18	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	3800	3800	231	56.3	18	<u>0.020</u>	<u>0.050</u>
	Mean	0.2	2.0	2.0	1781	6049	209.833	45.2	13.5	0.030	0.069
Shaw Creek (Tributary to Whetstone Creek at RM 8.47)											
	6/2	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	10 _{JL}	680 _{JL}	240	20.8	<u>10</u>	0.030	<u>0.050</u>
	6/16	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	40 _{JL}	450	219	18.5	11	0.042	0.054
	7/7	0.21	6.2	<u>2.0</u>	10900 _{JL}	60000 _X	92.9	7.6	15	0.136	0.157
	7/14				110 _{JL}	520					
13.20 V04G32	7/21	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	640	1160 _{JL}	274	15.9	10	0.032	0.094
	7/28				5200	21000					
	8/5	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	250	900 _{JL}	270	21.7	13	<u>0.020</u>	<u>0.050</u>
	8/18	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	330	570	276	16.4	<u>10</u>	<u>0.020</u>	<u>0.050</u>
	Mean	0.2	2.7	2.0	2185	10660	228.65	16.8	11.5	0.047	0.076
10.60 V04G33	6/2	<u>0.2</u>	3.0	<u>2.0</u>	160 _{JL}	2700	216	24.9	11	0.033	<u>0.050</u>
	6/16	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	100 _{JL}	590	213	20.1	11	0.043	0.050
	7/7	0.4	8.2	<u>2.0</u>	24000 _{JL}	60000 _X	161	13.0	10	0.091	0.232
	7/14				260	930 _{JL}					

Olentangy River Tributaries											
RM	Date	Cd	Pb	Se	E. Coli	F. Coliform	Alkalinity	Cl	COD	NO ₂	NH ₃
	mmdd	µg/l	µg/l	µg/l	#/100 ml	#/100 ml	mg/l	mg/l	mg/l	mg/l	mg/l
	7/21	<u>0.2</u>	3.3	<u>2.0</u>	4000 _J	8050 _{JL}	236	17.9	10	0.024	0.101
	7/28				4200	8000 _{JL,J}					
	8/5	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	140 _{JL}	470 _{JL,J}	242	26.6	16	<u>0.020</u>	<u>0.050</u>
	8/18	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	310	550	257	20.8	<u>10</u>	<u>0.020</u>	<u>0.050</u>
	Mean	0.2	3.4	2.0	4146	10161	220.833	20.6	11.33	0.039	0.089
5.20 V04G34	6/2	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	1730 _{JL}	12000 _{JL}	204	26.0	21	0.094	0.062
	6/16	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	120 _{JL}	4700	192	21.1	18	0.056	0.055
	7/7	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	1900 _{JL}	7100 _{JL}	216	21.5	10	0.063	0.128
	7/14				180 _{JL}	750 _{JL}					
	7/21	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	950 _{JL}	3200	261	20.7	10	0.026	0.082
	7/28				2800	5000 _{JL,J}					
	8/5	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	490 _{JL}	900 _{JL}	239	26.1	10	0.026	0.075
	8/18	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	240	510	252	24.4	<u>10</u>	<u>0.020</u>	<u>0.050</u>
	Mean	0.2	2.0	2.0	1051	4270	227.333	23.3	13.17	0.048	0.075
1.56 V04S10	6/2	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	770	1600 _{JL}	198	24.8	<u>10</u>	0.059	<u>0.050</u>
	6/16	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	140 _{JL}	370	163	18.0	14	0.079	0.068
	7/7	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	370	2500	240	22.7	<u>10</u>	<u>0.020</u>	0.056
	7/14				90 _{JL}	640 _{JL}					
	7/21	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	1700 _{JL}	4500	253	23.2	27	<u>0.020</u>	0.074
	7/28				1100 _{JL}	7000 _{JL,J}					
	8/5	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	60 _{JL}	640 _{JL}	230	26.8	16	<u>0.020</u>	<u>0.050</u>
	8/18	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	630	770 _{JL}	254	26.8	<u>10</u>	<u>0.020</u>	0.055
	Mean	0.2	2.0	2.0	608	2253	223	23.7	14.5	0.036	0.059
Mitchell Run (Tributary to Whetstone Creek at RM 8.10)											
0.20 V04G36	6/2	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	380	860 _{JL}	191	21.2	11	0.050	<u>0.050</u>
	6/16	<u>0.2</u>	2.2	<u>2.0</u>	150 _{JL}	700 _{JL}	112	11.5	21	0.188	0.154
	7/7	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	620	450	216	21.5	15	0.040	0.052
	7/14				310	810 _{JL}					
	7/21	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	3000	6400 _{JL}	258	28.4	13	0.022	0.054
	7/28				960 _{JL}	4000					
	8/5	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	520	2500	131	10.1	29	0.038	0.064

Olentangy River Tributaries											
RM	Date	Cd	Pb	Se	E. Coli	F. Coliform	Alkalinity	Cl	COD	NO ₂	NH ₃
	mmdd	µg/l	µg/l	µg/l	#/100 ml	#/100 ml	mg/l	mg/l	mg/l	mg/l	mg/l
	8/18	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	330	350	229	18.0	15	0.020	<u>0.050</u>
	Mean	0.2	2.0	2.0	784	2009	189.5	18.5	17.33	0.060	0.071
Claypool Run (Tributary to Whetstone Creek at RM 3.27)											
1.20 V04G35	6/2	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	440	830 _{JL}	183	20.9	<u>10</u>	0.079	<u>0.050</u>
	6/16	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	300	2200	158	14.0	18	0.059	0.071
	7/7	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	900 _{JL}	6700 _{JL}	129	15.1	22	0.065	0.103
	7/14				100 _{JL}	1160 _{JL}					
	7/21	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	1600 _{JL}	4800	213	21.4	10	0.034	0.098
	7/28				860 _{JL}	3300					
	8/5	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	120 _{JL}	610 _{JL}	195	13.5	16	0.030	0.066
	8/18	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	410	1250 _{JL}	208	20.0	15	0.022	0.445
	Mean	0.2	2.0	2.0	591	2606	181	17.5	15.17	0.048	0.139
Olentangy River Tributaries											
Indian Run (Tributary to the Olentangy River at RM 35.28)											
0.90 V04G40	6/4	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	400	860 _{JL}	126	20.4	28	0.081	0.060
	6/18	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	200	310 _J	190	22.2	14	0.040	<u>0.050</u>
	7/9	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	500 _{JL}	1200 _{JL,J}	121	14.8	22	0.126	0.338
	7/16				230 _{JL}	840 _{JL}					
	7/23	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	370	720 _{JL}	258	33.5	12	<u>0.020</u>	<u>0.050</u>
	7/30				380	660 _{JL}					
	8/6	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	120 _{JL}	280	163	19.7	17	<u>0.020</u>	0.055
	8/20	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	210	460	294	31.9	<u>10</u>	<u>0.020</u>	<u>0.050</u>
	Mean	0.2	2.0	2.0	301	666	192	23.8	17.17	0.051	0.101
Norris Run (Tributary to the Olentangy River at RM 32.18)											
1.30 V04G41	6/4	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	NA	NA	159	26.2	25	0.047	<u>0.050</u>
	6/18	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	520	990 _{JL,J}	188	23.4	21	0.060	0.074
	7/9	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	1900 _{JL}	5900 _{JL}	106	12.8	29	0.070	0.148
	7/16				540	2100					
	7/23	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	17000 _{JL}	21000	241	44.8	12	0.031	<u>0.050</u>
	7/30				290	920 _{JL}					
	8/6	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	310	700 _{JL}	206	28.0	21	0.036	0.251

Olentangy River Tributaries											
RM	Date	Cd	Pb	Se	E. Coli	F. Coliform	Alkalinity	Cl	COD	NO ₂	NH ₃
	mmdd	µg/l	µg/l	µg/l	#/100 ml	#/100 ml	mg/l	mg/l	mg/l	mg/l	mg/l
	8/20	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	1800 _{JL}	1900 _{JL}	262	36.9	<u>10</u>	0.027	0.058
	Mean	0.2	2.0	2.0	3194	4787	193.667	28.7	19.67	0.045	0.105
Sugar Run (Tributary to the Olentangy River at RM 26.97)											
1.40 V04G42	6/4	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	300	1900 _{JL}	139	29.5	25	0.030	<u>0.050</u>
	6/18	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	100 _{JL}	260 _J	185	32.7	14	0.032	<u>0.050</u>
	7/9	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	480	8000 _{JL,J}	133	21.7	22	0.053	0.137
	7/16				290	880 _{JL}					
	7/23	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	290	350	204	52.1	<u>10</u>	0.020	<u>0.050</u>
	7/30				360	540					
	8/6	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	90 _{JL}	290	203	45.1	14	<u>0.020</u>	<u>0.050</u>
	8/20	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	540	760 _{JL}	214	61.2	<u>10</u>	<u>0.020</u>	<u>0.050</u>
	Mean	0.2	2.0	2.0	306	1623	179.667	40.4	15.83	0.029	0.065
Mill Run (Tributary to the Olentangy River at RM 25.17)											
0.17 V04G43	6/4	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	250	1500 _{JL}	157	26.4	35	0.068	0.091
	6/18	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	230	520 _J	176	25.2	14	0.031	<u>0.050</u>
	7/9	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	590	700 _{JL,J}	156	18.0	22	0.132	0.173
	7/16				520	2500					
	7/23	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	240	<u>10</u> _{JL}	218	37.2	<u>10</u>	<u>0.020</u>	<u>0.050</u>
	7/30				40 _{JL}	250					
	8/6	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	50 _{JL}	100 _{JL}	205	32.5	11	<u>0.020</u>	<u>0.050</u>
	8/20	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	410	580 _{JL}	235	34.2	<u>10</u>	<u>0.020</u>	<u>0.050</u>
	Mean	0.2	2.0	2.0	291	770	191.167	28.9	17	0.049	0.077
Deep Run (Tributary to the Olentangy River at RM 15.80)											
1.20 V04G44	6/4	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	490	1500 _{JL}	144	73.4	28	<u>0.020</u>	<u>0.050</u>
	6/18	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	150 _{JL}	800 _{JL,J}	201	91.6	17	<u>0.020</u>	<u>0.050</u>
	7/9	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	640	1400 _{JL,J}	131	38.6	29	<u>0.020</u>	<u>0.050</u>
	7/16				30 _{JL}	1800 _{JL}					
	7/23	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	360	1700 _{JL}	186	132.0	15	<u>0.020</u>	<u>0.050</u>
	7/30				110 _{JL}	260					
	8/6	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	170 _{JL}	800 _{JL}	177	85.1	11	<u>0.020</u>	<u>0.050</u>
	8/20	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	180 _{JL}	160 _{JL}	212	109.0	<u>10</u>	<u>0.020</u>	<u>0.050</u>

Olentangy River Tributaries											
RM	Date	Cd	Pb	Se	E. Coli	F. Coliform	Alkalinity	Cl	COD	NO ₂	NH ₃
	mmdd	µg/l	µg/l	µg/l	#/100 ml	#/100 ml	mg/l	mg/l	mg/l	mg/l	mg/l
	Mean	0.2	2.0	2.0	266	1053	175.167	88.3	18.33	0.020	0.050
Lewis Center Tributary (Tributary to the Olentangy River at RM 18.19)											
0.01 V04G45	6/4	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	300 _{JL}	4200	137	29.3	35	0.035	<u>0.050</u>
	6/18	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	10 _{JL}	210 _J	175	28.5	11	<u>0.020</u>	<u>0.050</u>
	7/9	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	360	4800	105	16.9	29	0.043	0.087
	7/16				30 _{JL}	140 _{JL}					
	7/23	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	120 _{JL}	120 _{JL}	171	52.5	<u>10</u>	<u>0.020</u>	<u>0.050</u>
	7/30				10 _{JL}	40 _{JL}					
	8/6	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	10 _{JL}	100 _{JL}	177	46.8	34	<u>0.020</u>	<u>0.050</u>
	8/20	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	70 _{JL}	210 _{JL}	184	44.3	<u>10</u>	<u>0.020</u>	<u>0.050</u>
	Mean	0.2	2.0	2.0	114	1228	158.167	36.4	21.5	0.026	0.056
Turkey Run (Tributary to the Olentangy River at RM 5.82)											
0.70 V04G46	6/4	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	120 _{JL}	220	158	65.7	14	0.024	<u>0.050</u>
	6/18	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	160 _{JL}	440 _J	180	68.5	<u>10</u>	<u>0.020</u>	<u>0.050</u>
	7/9	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	340	870 _{JL}	136	49.8	19	0.036	0.103
	7/16				300	830 _{JL}					
	7/23	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	400	890 _{JL}	187	49.5	<u>10</u>	<u>0.020</u>	<u>0.050</u>
	7/30				150 _{JL}	730 _{JL}					
	8/6	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	280	1100 _{JL}	124	31.3	<u>10</u>	0.021	0.063
	8/20	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	2200	3200	178	47.3	<u>10</u>	<u>0.020</u>	<u>0.050</u>
	Mean	0.2	2.0	2.0	494	1035	160.5	52.0	12.17	0.024	0.061
Walhalla Hollow (Tributary to the Olentangy River at RM 4.60)											
0.80 V04G47	6/4	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	30 _{JL}	1600 _{JL}	150	90.0	31	0.028	0.060
	6/18	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	<u>10</u>	30 _{JL,J}	97.1	164.0	<u>10</u>	<u>0.020</u>	<u>0.050</u>
	7/9	<u>0.2</u>	2.5	<u>2.0</u>	100 _{JL}	800 _{JL,J}	129	60.6	<u>10</u>	<u>0.020</u>	0.057
	7/16				30 _{JL}	410					
	7/23	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	100 _{JL}	260	77.5	82.4	<u>10</u>	<u>0.020</u>	<u>0.050</u>
	7/30				60 _{JL}	350					
	8/6	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	50 _{JL}	380	143	85.7	<u>10</u>	<u>0.020</u>	0.053
	8/20	<u>0.2</u>	3.1	<u>2.0</u>	200	440	79.9	80.4	<u>10</u>	<u>0.020</u>	<u>0.050</u>
	Mean	0.2	2.3	2.0	73	534	112.75	93.9	13.5	0.021	0.053

Olentangy River Tributaries												
RM	Date	Cd	Pb	Se	E. Coli	F. Coliform	Alkalinity	Cl	COD	NO ₂	NH ₃	
	mmdd	µg/l	µg/l	µg/l	#/100 ml	#/100 ml	mg/l	mg/l	mg/l	mg/l	mg/l	
Glen Echo Ravine (Tributary to the Olentangy River at RM 4.10)												
0.70 V04G48	6/4	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	100 _{JL}	1000 _{JL}	234	180.0	<u>10</u>	<u>0.020</u>	<u>0.050</u>	
	6/18	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	200	<u>10</u>	218	184.0	11	<u>0.020</u>	<u>0.050</u>	
	7/9	<u>0.2</u>	<u>2.2</u>	<u>2.0</u>	3000	8000 _{JL,J}	96.9	46.7	16	<u>0.020</u>	<u>0.050</u>	
	7/16				610	5000 _{JL}						
	7/23	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	300	5000 _{JL,J}	204	131.0	<u>10</u>	<u>0.020</u>	<u>0.050</u>	
	7/30				190 _{JL}	540						
	8/6	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	940 _{JL}	36000	212	139.0	14	0.117	0.527	
	8/20	<u>0.2</u>	<u>2.0</u>	<u>2.0</u>	370	440	161	126.0	11	<u>0.020</u>	<u>0.050</u>	
	Mean		0.2	2.0	2.0	714	6999	187.65	134.5	12	0.036	0.130

Table 5. Results of chemical/physical water quality sampling conducted in the Olentangy River study area during June-September, 2003. Underlined values indicate concentrations below the method detection limit. NA means not analyzed. CG indicates confluent growth for microbiological results, RC means the result is rejected because of poor correlation with its co-analyte (such as dissolved solids vs conductivity and BOD₅ vs COD), J means the analyte was positively identified, the associated numerical value is estimated, JL means the reported result is estimated because it has been computed using a colony count that is not within the acceptable counting range (microbiology only), X means the analyte was quantitated but the concentration exceeds the instrument's calibration range for that specific analysis (samples could not be re-analyzed within the holding time), and italicized print indicates an effluent sample.

Olentangy River Tributaries					
RM	Date	NO ₂ +NO ₃	SO ₄	TKN	P
	mdd	mg/l	mg/l	mg/l	mg/l
Whetstone Creek Tributaries					
Unnamed Tributary to Whetstone Creek (RM 33.71)					
	6/2	0.55	59.3	0.290	0.050
	6/16	2.57	38.5	0.530	0.056
	7/7	7.35	16.9	1.740	0.226
	7/14	Bacteria Only			
0.42 V04G31	7/21	1.28	27.9	0.680	0.355
	7/28	Bacteria Only			
	8/5	1.37	42.2	0.620	0.144
	8/18	<u>0.10</u>	49.7	0.450	0.040
	Mean	2.20	39.1	0.718	0.145
E. Branch Whetstone Creek (Tributary to Whetstone Creek at RM 28.29)					
	6/2	0.68	65.2	0.320	0.030
	6/16	2.55	49.9	1.660	0.066
	7/7	0.95	45.8	0.480	0.501
	7/14	Bacteria Only			
0.40 V04G39	7/21	0.50	51.4	0.350	0.116
	7/28	Bacteria Only			
	8/5	1.56	37.1	0.520	0.108
	8/18	0.29	48.0	0.320	0.034
	Mean	1.09	49.6	0.608	0.143
Sams Creek (Tributary to Whetstone Creek at RM 23.30)					
1.40 V04G38	6/2	2.00	59.6	0.520	0.035
	6/16	2.71	43.6	0.640	0.047

Olentangy River Tributaries					
RM	Date	NO ₂ +NO ₃	SO ₄	TKN	P
	mdd	mg/l	mg/l	mg/l	mg/l
	7/7	1.88	47.2	0.830	0.092
	7/14	Bacteria Only			
	7/21	1.47	58.6	0.470	0.055
	7/28	Bacteria Only			
	8/5	1.25	55.4	0.380	0.059
	8/18	1.07	63.4	0.690	0.104
	Mean	1.73	54.6	0.588	0.065
Big Run (Tributary to Whetstone Creek at RM 12.75)					
	6/2	12.20	74.0	0.300	0.023
	6/16	10.40	57.1	0.800	0.066
	7/7	1.16	62.5	0.590	0.062
	7/14	Bacteria Only			
0.01 V04G37	7/21	0.90	65.3	0.630	0.084
	7/28	Bacteria Only			
	8/5	1.28	61.0	<u>0.200</u>	0.077
	8/18	0.18	48.6	0.520	0.109
	Mean	4.35	61.4	0.507	0.070
Shaw Creek (Tributary to Whetstone Creek at RM 8.47)					
	6/2	3.51	111.0	0.430	0.027
	6/16	5.80	81.6	0.450	0.037
	7/7	5.05	32.2	0.800	0.268
	7/14	Bacteria Only			
13.20 V04G32	7/21	0.89	124.0	0.560	0.076
	7/28	Bacteria Only			
	8/5	0.74	98.3	0.270	0.110
	8/18	0.30	133.0	0.410	0.048
	Mean	2.72	96.7	0.487	0.094
10.60 V04G33	6/2	5.38	98.0	0.600	0.035
	6/16	6.95	76.6	0.600	0.040
	7/7	4.27	71.7	0.610	0.297
	7/14	Bacteria Only			

Olentangy River Tributaries					
RM	Date	NO ₂ +NO ₃	SO ₄	TKN	P
	mmdd	mg/l	mg/l	mg/l	mg/l
	7/21	0.92	101.0	0.480	0.117
	7/28	Bacteria Only			
	8/5	0.86	81.7	0.200	0.284
	8/18	0.19	121.0	0.290	0.055
	Mean	3.10	91.7	0.463	0.138
5.20 V04G34	6/2	6.90	87.3	0.950	0.079
	6/16	8.10	66.5	0.680	0.055
	7/7	2.57	97.9	0.500	0.091
	7/14	Bacteria Only			
	7/21	0.83	103.0	0.420	0.072
	7/28	Bacteria Only			
	8/5	0.91	81.9	0.460	0.083
	8/18	0.23	108.0	0.370	0.064
	Mean	3.26	90.8	0.563	0.074
1.56 V04S10	6/2	8.30	80.0	0.540	0.049
	6/16	8.60	54.3	0.720	0.098
	7/7	0.74	88.3	0.390	0.116
	7/14	Bacteria Only			
	7/21	0.97	94.1	0.400	0.136
	7/28	Bacteria Only			
	8/5	0.92	72.9	0.440	0.111
	8/18	0.29	89.5	0.370	0.076
	Mean	3.30	79.9	0.477	0.098
Mitchell Run (Tributary to Whetstone Creek at RM 8.10)					
0.20 V04G36	6/2	5.84	55.2	0.790	0.134
	6/16	8.10	29.5	0.990	0.210
	7/7	5.25	58.7	0.900	0.178
	7/14	Bacteria Only			
	7/21	0.88	70.1	0.440	0.126
	7/28	Bacteria Only			
	8/5	2.94	26.2	0.870	0.275

Olentangy River Tributaries					
RM	Date	NO ₂ +NO ₃	SO ₄	TKN	P
	mdd	mg/l	mg/l	mg/l	mg/l
	8/18	0.67	58.4	0.440	0.604
	Mean	3.95	49.7	0.738	0.255
Claypool Run (Tributary to Whetstone Creek at RM 3.27)					
	6/2	13.00	52.5	0.420	0.046
	6/16	10.10	40.5	0.990	0.101
	7/7	11.10	41.4	1.330	0.144
	7/14	Bacteria Only			
1.20 V04G35	7/21	0.90	88.0	0.520	0.082
	7/28	Bacteria Only			
	8/5	3.35	38.3	0.660	0.127
	8/18	1.94	41.7	0.980	0.181
	Mean	6.73	50.4	0.817	0.114
Olentangy River Tributaries					
Indian Run (Tributary to the Olentangy River at RM 35.28)					
	6/4	14.30	35.8	0.920	0.077
	6/18	7.70	43.7	0.590	0.070
	7/9	8.30	25.3	1.300	0.163
	7/16	Bacteria Only			
0.90 V04G40	7/23	1.54	46.8	0.580	0.047
	7/30	Bacteria Only			
	8/6	2.17	30.1	0.770	0.076
	8/20	0.84	46.6	0.630	0.053
	Mean	5.81	38.1	0.798	0.081
Norris Run (Tributary to the Olentangy River at RM 32.18)					
1.30 V04G41	6/4	17.80	34.9	0.730	0.091
	6/18	11.50	29.4	0.730	0.086
	7/9	5.05	15.5	1.290	0.316
	7/16	Bacteria Only			
	7/23	2.85	39.1	0.380	0.176
	7/30	Bacteria Only			
	8/6	3.05	29.7	1.740	0.236

Olentangy River Tributaries					
RM	Date	NO ₂ +NO ₃	SO ₄	TKN	P
	mmdd	mg/l	mg/l	mg/l	mg/l
	8/20	0.74	35.9	0.670	0.130
	Mean	6.83	30.8	0.923	0.173
Sugar Run (Tributary to the Olentangy River at RM 26.97)					
	6/4	15.80	59.5	0.750	0.037
	6/18	11.50	64.2	0.550	0.034
	7/9	5.80	35.7	1.110	0.150
	7/16	Bacteria Only			
1.40 V04G42	7/23	1.31	66.6	0.480	0.019
	7/30	Bacteria Only			
	8/6	1.62	51.7	0.670	0.024
	8/20	0.21	73.6	0.510	0.032
	Mean	6.04	58.6	0.678	0.049
Mill Run (Tributary to the Olentangy River at RM 25.17)					
	6/4	8.54	76.5	0.960	0.074
	6/18	3.91	107.0	0.400	0.049
	7/9	4.44	49.6	1.090	0.160
	7/16	Bacteria Only			
0.17 V04G43	7/23	1.35	156.0	0.490	0.042
	7/30	Bacteria Only			
	8/6	0.95	146.0	0.550	0.055
	8/20	0.55	206.0	0.350	0.067
	Mean	3.29	123.5	0.640	0.075
Deep Run (Tributary to the Olentangy River at RM 15.80)					
1.20 V04G44	6/4	0.36	95.8	0.650	0.032
	6/18	0.63	126.0	0.840	0.037
	7/9	0.23	57.1	0.610	0.045
	7/16	Bacteria Only			
	7/23	0.42	171.0	0.540	0.026
	7/30	Bacteria Only			
	8/6	0.35	132.0	0.500	0.042
	8/20	0.39	176.0	0.400	0.024

Olentangy River Tributaries					
RM	Date	NO ₂ +NO ₃	SO ₄	TKN	P
	mdd	mg/l	mg/l	mg/l	mg/l
	Mean	0.40	126.3	0.590	0.034
Lewis Center Tributary (Tributary to the Olentangy River at RM 18.19)					
	6/4	8.62	58.2	1.030	0.113
	6/18	3.42	69.5	0.370	0.095
	7/9	1.49	30.6	0.970	0.149
	7/16	Bacteria Only			
0.01 V04G45	7/23	1.53	89.4	0.390	0.106
	7/30	Bacteria Only			
	8/6	1.33	72.4	0.570	0.166
	8/20	0.67	84.9	0.680	0.095
	Mean	2.84	67.5	0.668	0.121
Turkey Run (Tributary to the Olentangy River at RM 5.82)					
	6/4	1.51	44.6	0.620	0.036
	6/18	1.52	44.5	0.550	0.049
	7/9	0.60	40.5	0.540	0.757
	7/16	Bacteria Only			
0.70 V04G46	7/23	0.44	60.3	0.420	0.198
	7/30	Bacteria Only			
	8/6	1.87	39.4	0.780	0.067
	8/20	0.76	68.8	0.480	0.047
	Mean	1.12	49.7	0.565	0.192
Walhalla Hollow (Tributary to the Olentangy River at RM 4.60)					
0.80 V04G47	6/4	2.06	79.6	0.570	0.144
	6/18	2.16	79.8	0.450	0.276
	7/9	1.53	53.2	0.260	0.190
	7/16	Bacteria Only			
	7/23	1.78	81.1	0.360	0.354
	7/30	Bacteria Only			
	8/6	1.78	79.4	0.510	0.194
	8/20	1.30	86.5	0.500	0.344

Olentangy River Tributaries					
RM	Date	NO ₂ +NO ₃	SO ₄	TKN	P
	mmdd	mg/l	mg/l	mg/l	mg/l
	Mean	1.77	76.6	0.442	0.250
Glen Echo Ravine (Tributary to the Olentangy River at RM 4.10)					
	6/4	1.53	149.0	0.750	0.074
	6/18	1.36	187.0	0.470	0.096
	7/9	0.83	40.4	0.250	0.143
	7/16	Bacteria Only			
0.70 V04G48	7/23	1.29	112.0	0.550	0.242
	7/30	Bacteria Only			
	8/6	1.97	155.0	1.720	0.182
	8/20	1.00	183.0	0.420	0.151
	Mean	1.33	137.7	0.693	0.148

Appendix B

Total catch summaries (species list) for fish sampling locations
in the Olentangy study area,
2003-2004.

Species List

River Code: 02-400	Stream: Olentangy River	Sample Date: 2003
River Mile: 89.30	Location:	Date Range: 08/06/2003
Time Fished: 5220 sec	Drainage: 9.0 sq mi	Thru: 09/15/2003
Dist Fished: 0.40 km	Basin: Scioto River	No of Passes: 2
		Sampler Type: D 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	38	28.50	3.21	1.44	22.40	50.39
Blacknose Dace	N	G	S	T	45	33.75	3.80	0.07	1.01	1.92
Creek Chub	N	G	N	T	146	109.50	12.33	0.94	14.59	8.54
Redfin Shiner	N	I	N		11	8.25	0.93	0.04	0.55	4.18
Rosefin Shiner	N	I	S	M	2	1.50	0.17	0.00	0.06	2.50
Striped Shiner	N	I	S		56	42.00	4.73	0.69	10.76	16.43
Silverjaw Minnow	N	I	M		25	18.75	2.11	0.06	0.97	3.33
Bluntnose Minnow	N	O	C	T	101	75.75	8.53	0.46	7.20	6.09
Central Stoneroller	N	H	N		312	234.00	26.35	0.72	11.19	3.07
Redfin Sh X Rosefin Sh		I			9	6.75	0.76	0.02	0.28	2.67
Yellow Bullhead		I	C	T	4	3.00	0.34	0.20	3.10	66.25
Blackstripe Topminnow		I	M		3	2.25	0.25	0.01	0.18	5.00
Rock Bass	S	C	C		9	6.75	0.76	0.21	3.22	30.56
Largemouth Bass	F	C	C		8	6.00	0.68	0.40	6.21	66.25
Green Sunfish	S	I	C	T	61	45.75	5.15	0.58	9.00	12.62
Bluegill Sunfish	S	I	C	P	4	3.00	0.34	0.02	0.26	5.50
Longear Sunfish	S	I	C	M	2	1.50	0.17	0.01	0.14	6.00
Green Sf X Bluegill Sf					1	0.75	0.08	0.03	0.47	40.00
Green Sf X Hybrid					2	1.50	0.17	0.06	0.94	40.00
Logperch	D	I	S	M	1	0.75	0.08	0.01	0.12	10.00
Johnny Darter	D	I	C		65	48.75	5.49	0.09	1.43	1.88
Greenside Darter	D	I	S	M	13	9.75	1.10	0.07	1.14	7.48
Rainbow Darter	D	I	S	M	28	21.00	2.36	0.07	1.06	3.21
Fantail Darter	D	I	C		238	178.50	20.10	0.24	3.80	1.37
<i>Mile Total</i>					1,184	888.00		6.41		
<i>Number of Species</i>					21					
<i>Number of Hybrids</i>					3					

Species List

River Code: 02-400	Stream: Olentangy River	Sample Date: 2003
River Mile: 86.10	Location:	Date Range: 08/07/2003
Time Fished: 6605 sec	Drainage: 12.2 sq mi	Thru: 09/15/2003
Dist Fished: 0.30 km	Basin: Scioto River	No of Passes: 2
		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	3	3.00	0.09	0.17	0.76	57.33
White Sucker	W	O	S	T	6	6.00	0.18	0.30	1.33	50.00
Blacknose Dace	N	G	S	T	257	257.00	7.51	1.11	4.90	4.31
Creek Chub	N	G	N	T	269	269.00	7.86	2.24	9.89	8.31
Striped Shiner	N	I	S		18	18.00	0.53	0.15	0.65	8.14
Silverjaw Minnow	N	I	M		68	68.00	1.99	0.23	1.01	3.36
Bluntnose Minnow	N	O	C	T	1,160	1,160.00	33.90	3.43	15.19	2.96
Central Stoneroller	N	H	N		1,362	1,362.00	39.80	13.51	59.76	9.92
Yellow Bullhead		I	C	T	4	4.00	0.12	0.26	1.15	65.00
Rock Bass	S	C	C		1	1.00	0.03	0.06	0.27	60.00
Largemouth Bass	F	C	C		4	4.00	0.12	0.01	0.04	2.00
Green Sunfish	S	I	C	T	26	26.00	0.76	0.47	2.08	18.08
Bluegill Sunfish	S	I	C	P	1	1.00	0.03	0.08	0.36	82.00
Longear Sunfish	S	I	C	M	5	5.00	0.15	0.07	0.29	13.00
Johnny Darter	D	I	C		31	31.00	0.91	0.04	0.15	1.13
Greenside Darter	D	I	S	M	56	56.00	1.64	0.16	0.72	2.89
Rainbow Darter	D	I	S	M	61	61.00	1.78	0.19	0.85	3.16
Fantail Darter	D	I	C		90	90.00	2.63	0.14	0.62	1.56
<i>Mile Total</i>					3,422	3,422.00		22.61		
<i>Number of Species</i>					18					
<i>Number of Hybrids</i>					0					

Species List

River Code: 02-400 River Mile: 86.00 Time Fished: 300 sec Dist Fished: 0.03 km	Stream: Olentangy River Location: Drainage: 12.2 sq mi Basin: Scioto River	Sample Date: 2003 Date Range: 09/15/2003 No of Passes: 1 Sampler Type: E
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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	3	30.00	4.29			
Goldfish	G	O	M	T	1	10.00	1.43			
Blacknose Dace	N	G	S	T	10	100.00	14.29			
Creek Chub	N	G	N	T	28	280.00	40.00			
Silverjaw Minnow	N	I	M		2	20.00	2.86			
Bluntnose Minnow	N	O	C	T	12	120.00	17.14			
Central Stoneroller	N	H	N		8	80.00	11.43			
Longear Sunfish	S	I	C	M	2	20.00	2.86			
Greenside Darter	D	I	S	M	3	30.00	4.29			
Fantail Darter	D	I	C		1	10.00	1.43			
<i>Mile Total</i>					70	700.00				
<i>Number of Species</i>					10					
<i>Number of Hybrids</i>					0					

Species List

River Code: 02-400	Stream: Olentangy River	Sample Date: 2003
River Mile: 85.90	Location:	Date Range: 08/07/2003
Time Fished: 7469 sec	Drainage: 12.2 sq mi	Thru: 09/15/2003
Dist Fished: 0.40 km	Basin: Scioto River	No of Passes: 2
		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
Northern Hog Sucker	R	I	S	M	4	3.00	0.27	0.16	0.30	53.25
White Sucker	W	O	S	T	118	88.50	8.03	5.46	10.22	61.74
Common Carp	G	O	M	T	27	20.25	1.84	37.42	69.97	1,847.64
Golden Shiner	N	I	M	T	1	0.75	0.07	0.00	0.01	5.00
Blacknose Dace	N	G	S	T	37	27.75	2.52	0.11	0.21	4.05
Creek Chub	N	G	N	T	116	87.00	7.89	1.31	2.46	15.09
Silver Shiner	N	I	S	I	1	0.75	0.07	0.00	0.01	5.00
Redfin Shiner	N	I	N		1	0.75	0.07	0.00	0.01	4.00
Rosefin Shiner	N	I	S	M	3	2.25	0.20	0.01	0.01	2.33
Striped Shiner	N	I	S		37	27.75	2.52	0.49	0.91	17.57
Silverjaw Minnow	N	I	M		1	0.75	0.07	0.00	0.01	5.00
Bluntnose Minnow	N	O	C	T	387	290.25	26.33	0.70	1.31	2.42
Central Stoneroller	N	H	N		218	163.50	14.83	1.78	3.33	10.90
Redfin Sh X Rosefin Sh		I			1	0.75	0.07	0.00	0.01	4.00
Yellow Bullhead		I	C	T	27	20.25	1.84	1.11	2.08	54.81
White Crappie	S	I	C		1	0.75	0.07	0.02	0.04	25.00
Rock Bass	S	C	C		2	1.50	0.14	0.07	0.12	43.50
Largemouth Bass	F	C	C		6	4.50	0.41	0.02	0.03	3.67
Green Sunfish	S	I	C	T	260	195.00	17.69	3.84	7.19	19.70
Bluegill Sunfish	S	I	C	P	34	25.50	2.31	0.28	0.53	11.03
Longear Sunfish	S	I	C	M	33	24.75	2.24	0.27	0.50	10.78
Green Sf X Bluegill Sf					1	0.75	0.07	0.02	0.03	22.00
Green Sf X Hybrid					1	0.75	0.07	0.02	0.04	25.00
Johnny Darter	D	I	C		23	17.25	1.56	0.04	0.07	2.30
Greenside Darter	D	I	S	M	32	24.00	2.18	0.15	0.27	6.13
Rainbow Darter	D	I	S	M	67	50.25	4.56	0.13	0.24	2.57
Fantail Darter	D	I	C		31	23.25	2.11	0.06	0.12	2.66
<i>Mile Total</i>					1,470	1,102.50		53.47		
<i>Number of Species</i>					24					
<i>Number of Hybrids</i>					3					

Species List

River Code: 02-400	Stream: Olentangy River	Sample Date: 2003
River Mile: 85.20	Location:	Date Range: 08/06/2003
Time Fished: 6240 sec	Drainage: 12.4 sq mi	Thru: 09/16/2003
Dist Fished: 0.38 km	Basin: Scioto River	Sampler Type: D E
	No of Passes: 2	

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	5	4.17	0.41	0.04	0.54	9.60
White Sucker	W	O	S	T	26	20.92	2.06	1.59	21.51	76.25
Blacknose Dace	N	G	S	T	109	87.75	8.65	0.35	4.68	3.96
Creek Chub	N	G	N	T	480	389.92	38.42	2.93	39.49	7.71
Striped Shiner	N	I	S		69	56.17	5.53	0.79	10.64	14.35
Silverjaw Minnow	N	I	M		28	22.83	2.25	0.06	0.76	2.43
Bluntnose Minnow	N	O	C	T	162	129.58	12.77	0.29	3.91	2.23
Central Stoneroller	N	H	N		83	66.67	6.57	0.47	6.33	6.84
Redfin Sh X Rosefin Sh		I			4	3.33	0.33	0.03	0.45	10.00
Yellow Bullhead		I	C	T	6	4.75	0.47	0.11	1.49	24.17
Largemouth Bass	F	C	C		1	0.83	0.08	0.00	0.03	3.00
Green Sunfish	S	I	C	T	7	5.25	0.52	0.11	1.42	20.00
Bluegill Sunfish	S	I	C	P	1	0.83	0.08	0.01	0.11	10.00
Longear Sunfish	S	I	C	M	18	14.67	1.44	0.09	1.20	6.11
Blackside Darter	D	I	S		2	1.50	0.15	0.02	0.26	12.50
Johnny Darter	D	I	C		51	41.08	4.05	0.15	1.97	3.71
Greenside Darter	D	I	S	M	45	36.42	3.59	0.11	1.54	3.21
Rainbow Darter	D	I	S	M	133	106.42	10.48	0.21	2.79	1.97
Fantail Darter	D	I	C		28	21.92	2.16	0.07	0.88	2.96
<i>Mile Total</i>					1,258	1,015.00		7.41		
<i>Number of Species</i>					18					
<i>Number of Hybrids</i>					1					

Species List

River Code: 02-400	Stream: Olentangy River	Sample Date: 2003
River Mile: 79.70	Location: dst. Shearer Rd.	Date Range: 08/07/2003
Time Fished: 4320 sec	Drainage: 39.0 sq mi	Thru: 09/16/2003
Dist Fished: 0.40 km	Basin: Scioto River	No of Passes: 2
		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
Northern Hog Sucker	R	I	S	M	12	9.00	1.69	1.38	15.78	153.75
White Sucker	W	O	S	T	40	30.00	5.63	2.85	32.54	95.13
Common Carp	G	O	M	T	1	0.75	0.14	1.43	16.25	1,900.00
Creek Chub	N	G	N	T	61	45.75	8.59	0.75	8.55	16.40
Redfin Shiner	N	I	N		16	12.00	2.25	0.05	0.56	4.06
Striped Shiner	N	I	S		33	24.75	4.65	0.67	7.60	26.92
Sand Shiner	N	I	M	M	38	28.50	5.35	0.07	0.76	2.32
Silverjaw Minnow	N	I	M		83	62.25	11.69	0.18	2.01	2.83
Bluntnose Minnow	N	O	C	T	177	132.75	24.93	0.24	2.70	1.78
Central Stoneroller	N	H	N		47	35.25	6.62	0.15	1.66	4.13
Channel Catfish	F		C		1	0.75	0.14	0.00	0.05	5.00
Yellow Bullhead		I	C	T	6	4.50	0.85	0.23	2.61	50.83
Largemouth Bass	F	C	C		1	0.75	0.14	0.00	0.05	5.00
Green Sunfish	S	I	C	T	32	24.00	4.51	0.22	2.48	9.06
Longear Sunfish	S	I	C	M	35	26.25	4.93	0.20	2.27	7.57
Green Sf X Longear Sf					1	0.75	0.14	0.03	0.30	35.00
Blackside Darter	D	I	S		3	2.25	0.42	0.03	0.34	13.33
Logperch	D	I	S	M	2	1.50	0.28	0.05	0.56	32.50
Johnny Darter	D	I	C		43	32.25	6.06	0.07	0.78	2.09
Greenside Darter	D	I	S	M	48	36.00	6.76	0.14	1.62	3.95
Rainbow Darter	D	I	S	M	27	20.25	3.80	0.05	0.56	2.41
Fantail Darter	D	I	C		3	2.25	0.42	0.00	0.05	1.67
<i>Mile Total</i>					710	532.50		8.77		
<i>Number of Species</i>					21					
<i>Number of Hybrids</i>					1					

Species List

Page 7

River Code: 02-400	Stream: Olentangy River	Sample Date: 2003
River Mile: 74.00	Location: Monnet Chapel Rd.	Date Range: 08/12/2003
Time Fished: 4825 sec	Drainage: 50.0 sq mi	Thru: 09/17/2003
Dist Fished: 0.40 km	Basin: Scioto River	Sampler Type: E D
	No of Passes: 2	

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	3.00	0.81	0.33	2.42	109.38
Grass Pickerel		P	M P	16	12.00	3.25	0.28	2.05	23.13
Golden Redhorse	R	I	S M	4	3.00	0.81	0.83	6.09	275.00
White Sucker	W	O	S T	75	56.25	15.21	7.11	52.48	126.40
Creek Chub	N	G	N T	22	16.50	4.46	0.74	5.43	44.55
Silver Shiner	N	I	S I	2	1.50	0.41	0.00	0.02	2.00
Redfin Shiner	N	I	N	2	1.50	0.41	0.00	0.02	2.00
Rosefin Shiner	N	I	S M	9	6.75	1.83	0.03	0.19	3.78
Striped Shiner	N	I	S	15	11.25	3.04	0.31	2.30	27.67
Silverjaw Minnow	N	I	M	1	0.75	0.20	0.00	0.01	2.00
Bluntnose Minnow	N	O	C T	51	38.25	10.34	0.07	0.52	1.82
Redfin Sh X Rosefin Sh		I		5	3.75	1.01	0.01	0.05	1.80
Channel Catfish	F		C	1	0.75	0.20	0.01	0.07	12.00
Yellow Bullhead		I	C T	16	12.00	3.25	0.96	7.09	80.00
Blackstripe Topminnow		I	M	1	0.75	0.20	0.00	0.02	4.00
White Crappie	S	I	C	1	0.75	0.20	0.05	0.39	70.00
Rock Bass	S	C	C	7	5.25	1.42	0.28	2.08	53.57
Largemouth Bass	F	C	C	9	6.75	1.83	0.13	0.97	19.44
Green Sunfish	S	I	C T	115	86.25	23.33	1.35	9.94	15.61
Bluegill Sunfish	S	I	C P	10	7.50	2.03	0.08	0.61	11.00
Orangespotted Sunfish	S	I	C	2	1.50	0.41	0.02	0.14	12.50
Longear Sunfish	S	I	C M	93	69.75	18.86	0.82	6.03	11.71
Blackside Darter	D	I	S	4	3.00	0.81	0.03	0.22	10.00
Logperch	D	I	S M	5	3.75	1.01	0.06	0.44	16.00
Johnny Darter	D	I	C	9	6.75	1.83	0.03	0.18	3.70
Greenside Darter	D	I	S M	11	8.25	2.23	0.03	0.22	3.64
Rainbow Darter	D	I	S M	3	2.25	0.61	0.01	0.04	2.33
<i>Mile Total</i>				493	369.75		13.55		
<i>Number of Species</i>				26					
<i>Number of Hybrids</i>				1					

Species List

River Code: 02-400	Stream: Olentangy River	Sample Date: 2003
River Mile: 68.10	Location: Marion-Crawford Co. Line Rd.	Date Range: 08/12/2003
Time Fished: 3872 sec	Drainage: 58.0 sq mi	Thru: 09/17/2003
Dist Fished: 0.40 km	Basin: Scioto River	No of Passes: 2
		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
Grass Pickerel		P	M P	8	6.00	0.65	0.27	2.33	45.63
Golden Redhorse	R	I	S M	12	9.00	0.97	1.63	13.84	180.56
Northern Hog Sucker	R	I	S M	12	9.00	0.97	0.82	6.96	90.83
White Sucker	W	O	S T	57	42.75	4.63	4.47	38.03	104.47
Creek Chub	N	G	N T	23	17.25	1.87	0.98	8.31	56.55
Silver Shiner	N	I	S I	2	1.50	0.16	0.02	0.14	11.00
Redfin Shiner	N	I	N	55	41.25	4.47	0.08	0.65	1.84
Rosefin Shiner	N	I	S M	98	73.50	7.96	0.11	0.96	1.53
Striped Shiner	N	I	S	88	66.00	7.15	0.90	7.70	13.71
Spotfin Shiner	N	I	M	20	15.00	1.62	0.10	0.84	6.60
Sand Shiner	N	I	M M	33	24.75	2.68	0.07	0.59	2.80
Silverjaw Minnow	N	I	M	21	15.75	1.71	0.06	0.51	3.81
Bluntnose Minnow	N	O	C T	657	492.75	53.37	0.85	7.21	1.72
Central Stoneroller	N	H	N	4	3.00	0.32	0.02	0.20	7.75
Channel Catfish	F		C	1	0.75	0.08	0.01	0.06	10.00
Yellow Bullhead		I	C T	8	6.00	0.65	0.44	3.77	73.75
Blackstripe Topminnow		I	M	1	0.75	0.08	0.00	0.03	5.00
Rock Bass	S	C	C	11	8.25	0.89	0.29	2.43	34.55
Smallmouth Bass	F	C	C M	2	1.50	0.16	0.01	0.10	7.50
Green Sunfish	S	I	C T	13	9.75	1.06	0.28	2.40	28.85
Bluegill Sunfish	S	I	C P	2	1.50	0.16	0.05	0.45	35.00
Longear Sunfish	S	I	C M	35	26.25	2.84	0.12	1.01	4.52
Green Sf X Hybrid				1	0.75	0.08	0.02	0.16	25.00
Blackside Darter	D	I	S	7	5.25	0.57	0.04	0.32	7.14
Logperch	D	I	S M	1	0.75	0.08	0.00	0.01	2.00
Johnny Darter	D	I	C	32	24.00	2.60	0.05	0.38	1.88
Greenside Darter	D	I	S M	27	20.25	2.19	0.08	0.64	3.70
<i>Mile Total</i>				1,231	923.25		11.75		
<i>Number of Species</i>				26					
<i>Number of Hybrids</i>				1					

River Code: 02-400	Stream: Olentangy River	Sample Date: 2003
River Mile: 63.40	Location:	Date Range: 08/13/2003
Time Fished: 3924 sec	Drainage: 67.0 sq mi	Thru: 09/17/2003
Dist Fished: 0.40 km	Basin: Scioto River	No of Passes: 2
		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
Grass Pickerel		P	M	P	37	27.75	5.54	0.30	1.82	10.62
Golden Redhorse	R	I	S	M	15	11.25	2.25	2.05	12.66	182.00
Northern Hog Sucker	R	I	S	M	5	3.75	0.75	0.37	2.28	98.00
White Sucker	W	O	S	T	12	9.00	1.80	1.23	7.63	137.08
Common Carp	G	O	M	T	3	2.25	0.45	8.25	51.03	3,666.67
Creek Chub	N	G	N	T	3	2.25	0.45	0.26	1.62	116.67
Rosefin Shiner	N	I	S	M	255	191.25	38.17	0.31	1.89	1.60
Striped Shiner	N	I	S		15	11.25	2.25	0.13	0.83	11.88
Spotfin Shiner	N	I	M		1	0.75	0.15	0.00	0.02	3.00
Bluntnose Minnow	N	O	C	T	83	62.25	12.43	0.13	0.83	2.16
Yellow Bullhead		I	C	T	14	10.50	2.10	0.98	6.03	92.86
Blackstripe Topminnow		I	M		7	5.25	1.05	0.03	0.19	5.71
Rock Bass	S	C	C		11	8.25	1.65	0.44	2.72	53.36
Largemouth Bass	F	C	C		3	2.25	0.45	0.03	0.21	15.00
Green Sunfish	S	I	C	T	89	66.75	13.32	0.69	4.25	10.29
Bluegill Sunfish	S	I	C	P	7	5.25	1.05	0.06	0.35	10.71
Longear Sunfish	S	I	C	M	93	69.75	13.92	0.83	5.15	11.93
Blackside Darter	D	I	S		4	3.00	0.60	0.04	0.26	13.75
Logperch	D	I	S	M	1	0.75	0.15	0.02	0.09	20.00
Johnny Darter	D	I	C		8	6.00	1.20	0.02	0.12	3.13
Greenside Darter	D	I	S	M	2	1.50	0.30	0.01	0.05	5.00
<i>Mile Total</i>					668	501.00		16.17		
<i>Number of Species</i>					21					
<i>Number of Hybrids</i>					0					

River Code: 02-400	Stream: Olentangy River	Sample Date: 2004
River Mile: 56.60	Location: Roberts Rd.	Date Range: 07/29/2004
Time Fished: 5005 sec	Drainage: 142.0 sq mi	Thru: 09/14/2004
Dist Fished: 0.40 km	Basin: Scioto River	No of Passes: 2
		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	1	0.75	0.26	0.20	0.58	260.00
Grass Pickerel		P	M P	20	15.00	5.10	0.45	1.35	30.05
Silver Redhorse	R	I	S M	1	0.75	0.26	0.39	1.17	520.00
Golden Redhorse	R	I	S M	11	8.25	2.81	2.07	6.21	251.36
White Sucker	W	O	S T	9	6.75	2.30	1.61	4.81	237.78
Common Carp	G	O	M T	12	9.00	3.06	23.81	71.28	2,645.42
Redfin Shiner	N	I	N	4	3.00	1.02	0.02	0.05	5.25
Striped Shiner	N	I	S	4	3.00	1.02	0.03	0.09	9.50
Spotfin Shiner	N	I	M	4	3.00	1.02	0.02	0.06	6.75
Bluntnose Minnow	N	O	C T	17	12.75	4.34	0.06	0.17	4.47
Redfin Sh X Rosefin Sh		I		2	1.50	0.51	0.00	0.01	2.00
Yellow Bullhead		I	C T	5	3.75	1.28	0.54	1.61	143.40
White Crappie	S	I	C	7	5.25	1.79	0.29	0.85	54.29
Rock Bass	S	C	C	19	14.25	4.85	1.38	4.13	96.79
Largemouth Bass	F	C	C	8	6.00	2.04	0.25	0.74	41.25
Green Sunfish	S	I	C T	66	49.50	16.84	0.36	1.08	7.30
Bluegill Sunfish	S	I	C P	39	29.25	9.95	0.29	0.88	10.06
Longear Sunfish	S	I	C M	133	99.75	33.93	1.48	4.42	14.80
Green Sf X Longear Sf				1	0.75	0.26	0.05	0.16	70.00
Longear X Orangespot				25	18.75	6.38	0.11	0.33	5.80
Blackside Darter	D	I	S	2	1.50	0.51	0.01	0.02	5.00
Johnny Darter	D	I	C	2	1.50	0.51	0.00	0.01	1.00
<i>Mile Total</i>				392	294.00		33.40		
<i>Number of Species</i>				19					
<i>Number of Hybrids</i>				3					

Species List

River Code: 02-400	Stream: Olentangy River	Sample Date: 2003
River Mile: 54.70	Location:	Date Range: 08/14/2003
Time Fished: 5089 sec	Drainage: 157.0 sq mi	Thru: 09/17/2003
Dist Fished: 0.40 km	Basin: Scioto River	No of Passes: 2
		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
Grass Pickerel		P	M P	32	24.00	2.68	0.89	2.90	36.88
Golden Redhorse	R	I	S M	25	18.75	2.10	2.04	6.69	108.80
Northern Hog Sucker	R	I	S M	18	13.50	1.51	0.80	2.63	59.36
White Sucker	W	O	S T	4	3.00	0.34	0.56	1.83	186.25
Common Carp	G	O	M T	10	7.50	0.84	20.15	66.10	2,686.00
Redfin Shiner	N	I	N	14	10.50	1.17	0.01	0.03	0.93
Rosefin Shiner	N	I	S M	85	63.75	7.12	0.11	0.37	1.77
Striped Shiner	N	I	S	4	3.00	0.34	0.02	0.05	5.38
Spotfin Shiner	N	I	M	80	60.00	6.71	0.17	0.56	2.84
Sand Shiner	N	I	M M	4	3.00	0.34	0.01	0.04	3.75
Bluntnose Minnow	N	O	C T	504	378.00	42.25	0.69	2.25	1.81
Redfin Sh X Rosefin Sh		I		34	25.50	2.85	0.02	0.08	0.94
Yellow Bullhead		I	C T	12	9.00	1.01	1.07	3.51	118.75
Stonecat Madtom		I	C I	1	0.75	0.08	0.02	0.05	20.00
Blackstripe Topminnow		I	M	3	2.25	0.25	0.01	0.03	4.33
White Crappie	S	I	C	1	0.75	0.08	0.10	0.32	130.00
Rock Bass	S	C	C	38	28.50	3.19	1.68	5.53	59.08
Smallmouth Bass	F	C	C M	4	3.00	0.34	0.03	0.09	8.75
Largemouth Bass	F	C	C	3	2.25	0.25	0.14	0.46	61.67
Green Sunfish	S	I	C T	11	8.25	0.92	0.24	0.79	29.09
Bluegill Sunfish	S	I	C P	1	0.75	0.08	0.00	0.01	5.00
Orangespotted Sunfish	S	I	C	3	2.25	0.25	0.02	0.05	6.67
Longear Sunfish	S	I	C M	276	207.00	23.13	1.61	5.29	7.79
Green Sf X Bluegill Sf				1	0.75	0.08	0.02	0.05	20.00
Blackside Darter	D	I	S	2	1.50	0.17	0.02	0.05	10.00
Logperch	D	I	S M	4	3.00	0.34	0.03	0.09	8.75
Johnny Darter	D	I	C	2	1.50	0.17	0.00	0.01	2.50
Greenside Darter	D	I	S M	4	3.00	0.34	0.02	0.06	6.25
Rainbow Darter	D	I	S M	3	2.25	0.25	0.01	0.04	5.00
Fantail Darter	D	I	C	10	7.50	0.84	0.02	0.05	2.00
<i>Mile Total</i>				1,193	894.75		30.48		
<i>Number of Species</i>				28					
<i>Number of Hybrids</i>				2					

River Code: 02-400	Stream: Olentangy River	Sample Date: 2003
River Mile: 50.10	Location:	Date Range: 09/08/2003
Time Fished: 2880 sec	Drainage: 174.0 sq mi	
Dist Fished: 0.20 km	Basin: Scioto 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
Grass Pickerel		P	M P	5	7.50	0.95	0.14	1.54	19.00
Golden Redhorse	R	I	S M	3	4.50	0.57	0.49	5.25	108.33
Northern Hog Sucker	R	I	S M	29	43.50	5.50	3.48	37.45	80.00
Common Carp	G	O	M T	1	1.50	0.19	0.04	0.44	27.00
Creek Chub	N	G	N T	1	1.50	0.19	0.07	0.74	46.00
Redfin Shiner	N	I	N	5	7.50	0.95	0.02	0.16	2.00
Rosefin Shiner	N	I	S M	1	1.50	0.19	0.00	0.03	2.00
Striped Shiner	N	I	S	9	13.50	1.71	0.44	4.68	32.22
Spotfin Shiner	N	I	M	48	72.00	9.11	0.28	3.03	3.91
Sand Shiner	N	I	M M	2	3.00	0.38	0.01	0.05	1.50
Bluntnose Minnow	N	O	C T	249	373.50	47.25	0.79	8.50	2.11
Central Stoneroller	N	H	N	10	15.00	1.90	0.25	2.64	16.33
Stonecat Madtom		I	C I	4	6.00	0.76	0.28	2.96	45.75
Blackstripe Topminnow		I	M	1	1.50	0.19	0.00	0.03	2.00
Rock Bass	S	C	C	30	45.00	5.69	1.93	20.76	42.87
Smallmouth Bass	F	C	C M	2	3.00	0.38	0.29	3.15	97.50
Green Sunfish	S	I	C T	5	7.50	0.95	0.02	0.16	2.00
Bluegill Sunfish	S	I	C P	1	1.50	0.19	0.01	0.10	6.00
Orangespotted Sunfish	S	I	C	1	1.50	0.19	0.01	0.13	8.00
Longear Sunfish	S	I	C M	25	37.50	4.74	0.23	2.47	6.12
Logperch	D	I	S M	3	4.50	0.57	0.08	0.86	17.67
Johnny Darter	D	I	C	1	1.50	0.19	0.00	0.03	2.00
Greenside Darter	D	I	S M	46	69.00	8.73	0.29	3.14	4.23
Banded Darter	D	I	S I	22	33.00	4.17	0.05	0.54	1.50
Rainbow Darter	D	I	S M	1	1.50	0.19	0.00	0.02	1.00
Fantail Darter	D	I	C	22	33.00	4.17	0.11	1.18	3.32
<i>Mile Total</i>				527	790.50		9.29		
<i>Number of Species</i>				26					
<i>Number of Hybrids</i>				0					

River Code: 02-400	Stream: Olentangy River	Sample Date: 2003
River Mile: 45.50	Location:	Date Range: 08/21/2003
Time Fished: 2602 sec	Drainage: 181.0 sq mi	
Dist Fished: 0.20 km	Basin: Scioto 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	18	27.00	7.73	0.38	0.90	13.89
Grass Pickerel		P	M P	1	1.50	0.43	0.14	0.33	91.00
Golden Redhorse	R	I	S M	8	12.00	3.43	3.10	7.45	258.13
Northern Hog Sucker	R	I	S M	6	9.00	2.58	1.27	3.06	141.17
White Sucker	W	O	S T	1	1.50	0.43	0.31	0.74	206.00
Common Carp	G	O	M T	8	12.00	3.43	28.37	68.22	2,364.38
Spotfin Shiner	N	I	M	3	4.50	1.29	0.05	0.11	10.00
Bluntnose Minnow	N	O	C T	54	81.00	23.18	0.18	0.42	2.17
Channel Catfish	F		C	1	1.50	0.43	3.60	8.66	2,400.00
Yellow Bullhead		I	C T	2	3.00	0.86	0.19	0.45	62.00
Stonecat Madtom		I	C I	13	19.50	5.58	0.40	0.97	20.62
Blackstripe Topminnow		I	M	1	1.50	0.43	0.01	0.02	5.00
White Crappie	S	I	C	5	7.50	2.15	1.12	2.70	149.40
Rock Bass	S	C	C	14	21.00	6.01	0.81	1.95	38.57
Smallmouth Bass	F	C	C M	1	1.50	0.43	0.15	0.36	100.00
Largemouth Bass	F	C	C	1	1.50	0.43	0.08	0.18	50.00
Green Sunfish	S	I	C T	18	27.00	7.73	0.35	0.83	12.78
Bluegill Sunfish	S	I	C P	8	12.00	3.43	0.17	0.40	13.88
Orangespotted Sunfish	S	I	C	4	6.00	1.72	0.06	0.14	10.00
Longear Sunfish	S	I	C M	26	39.00	11.16	0.48	1.16	12.40
Green Sf X Hybrid				1	1.50	0.43	0.02	0.04	10.00
Blackside Darter	D	I	S	1	1.50	0.43	0.00	0.01	2.00
Logperch	D	I	S M	8	12.00	3.43	0.23	0.56	19.38
Johnny Darter	D	I	C	2	3.00	0.86	0.02	0.04	5.00
Greenside Darter	D	I	S M	10	15.00	4.29	0.06	0.14	4.00
Banded Darter	D	I	S I	7	10.50	3.00	0.02	0.04	1.71
Rainbow Darter	D	I	S M	6	9.00	2.58	0.04	0.09	4.17
Fantail Darter	D	I	C	5	7.50	2.15	0.02	0.06	3.00
<i>Mile Total</i>				233	349.50		41.59		
<i>Number of Species</i>				27					
<i>Number of Hybrids</i>				1					

River Code: 02-400	Stream: Olentangy River	Sample Date: 2003
River Mile: 40.80	Location:	Date Range: 08/18/2003
Time Fished: 5956 sec	Drainage: 234.0 sq mi	Thru: 10/06/2003
Dist Fished: 1.00 km	Basin: Scioto 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	31	31.00	9.75	1.01	0.97	32.58
Grass Pickerel		P	M P	6	6.00	1.89	0.08	0.07	13.00
Silver Redhorse	R	I	S M	1	1.00	0.31	2.20	2.11	2,200.00
Golden Redhorse	R	I	S M	18	18.00	5.66	8.68	8.33	482.29
Northern Hog Sucker	R	I	S M	3	3.00	0.94	1.25	1.20	416.67
White Sucker	W	O	S T	2	2.00	0.63	0.38	0.37	192.00
Common Carp	G	O	M T	48	48.00	15.09	78.37	75.17	1,632.74
Striped Shiner	N	I	S	1	1.00	0.31	0.01	0.01	10.00
Spotfin Shiner	N	I	M	11	11.00	3.46	0.03	0.02	2.36
Sand Shiner	N	I	M M	3	3.00	0.94	0.01	0.01	2.00
Bluntnose Minnow	N	O	C T	18	18.00	5.66	0.05	0.05	2.67
Channel Catfish	F		C	3	3.00	0.94	4.00	3.84	1,333.33
Brown Bullhead		I	C T	1	1.00	0.31	0.24	0.23	240.00
Blackstripe Topminnow		I	M	3	3.00	0.94	0.02	0.02	6.67
Brook Silverside		I	M M	11	11.00	3.46	0.03	0.02	2.36
White Crappie	S	I	C	14	14.00	4.40	1.58	1.52	112.86
Rock Bass	S	C	C	11	11.00	3.46	0.96	0.92	86.82
Smallmouth Bass	F	C	C M	5	5.00	1.57	0.43	0.41	85.50
Largemouth Bass	F	C	C	10	10.00	3.14	2.57	2.47	257.00
Warmouth Sunfish	S	C	C	2	2.00	0.63	0.02	0.02	10.00
Green Sunfish	S	I	C T	23	23.00	7.23	0.43	0.41	18.74
Bluegill Sunfish	S	I	C P	40	40.00	12.58	0.82	0.78	20.41
Orangespotted Sunfish	S	I	C	13	13.00	4.09	0.09	0.09	7.23
Longear Sunfish	S	I	C M	9	9.00	2.83	0.15	0.14	16.78
Pumpkinseed Sunfish	S	I	C P	17	17.00	5.35	0.44	0.43	26.12
Green Sf X Bluegill Sf				1	1.00	0.31	0.09	0.08	86.00
Green Sf X Hybrid				2	2.00	0.63	0.25	0.24	125.00
Logperch	D	I	S M	6	6.00	1.89	0.03	0.03	5.00
Rainbow Darter	D	I	S M	4	4.00	1.26	0.01	0.01	1.75
Sauger X Walleye	E	P		1	1.00	0.31	0.04	0.04	40.00
<i>Mile Total</i>				318	318.00		104.25		
<i>Number of Species</i>				27					
<i>Number of Hybrids</i>				3					

River Code: 02-400	Stream: Olentangy River	Sample Date: 2004
River Mile: 32.10	Location: upst. Main St.	Date Range: 08/16/2004
Time Fished: 1872 sec	Drainage: 393.0 sq mi	Thru: 09/28/2004
Dist Fished: 0.75 km	Basin: Scioto 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	23	25.00	2.73	2.14	1.30	69.78
Quillback Carpsucker	C	O	M	8	8.00	0.87	4.46	2.71	556.88
Silver Redhorse	R	I	S M	4	4.00	0.44	9.50	5.77	2,375.00
Black Redhorse	R	I	S I	4	4.00	0.44	2.68	1.63	670.00
Golden Redhorse	R	I	S M	11	11.00	1.20	10.19	6.19	926.36
White Sucker	W	O	S T	2	2.00	0.22	0.81	0.49	405.00
Common Carp	G	O	M T	46	54.00	5.90	48.48	29.44	898.70
Golden Shiner	N	I	M T	1	1.00	0.11	0.01	0.01	10.00
Bluntnose Minnow	N	O	C T	4	4.00	0.44	0.01	0.01	2.50
Channel Catfish	F		C	42	48.00	5.24	16.21	9.84	359.52
Yellow Bullhead		I	C T	4	6.00	0.66	1.47	0.89	241.25
Brook Silverside		I	M M	1	1.00	0.11	0.01	0.00	6.00
White Bass	F	P	M	1	1.00	0.11	0.31	0.19	310.00
White Crappie	S	I	C	11	11.00	1.20	0.93	0.56	84.55
Black Crappie	S	I	C	51	60.00	6.55	4.28	2.60	73.71
Rock Bass	S	C	C	4	4.00	0.44	0.53	0.32	132.50
Smallmouth Bass	F	C	C M	10	13.00	1.42	4.09	2.48	328.00
Largemouth Bass	F	C	C	32	40.00	4.37	22.61	13.73	601.25
Green Sunfish	S	I	C T	116	146.00	15.94	3.73	2.27	24.59
Bluegill Sunfish	S	I	C P	186	216.00	23.58	10.18	6.18	48.09
Orangespotted Sunfish	S	I	C	143	193.00	21.07	1.97	1.20	10.21
Longear Sunfish	S	I	C M	1	1.00	0.11	0.03	0.02	25.00
Pumpkinseed Sunfish	S	I	C P	11	15.00	1.64	0.71	0.43	43.71
Green Sf X Bluegill Sf				12	12.00	1.31	0.55	0.33	45.45
Green Sf X Hybrid				3	6.00	0.66	0.34	0.21	56.67
Sauger X Walleye	E	P		27	30.00	3.28	18.49	11.23	625.56
<i>Mile Total</i>				758	916.00		164.69		
<i>Number of Species</i>				23					
<i>Number of Hybrids</i>				3					

Species List

River Code: 02-400	Stream: Olentangy River	Sample Date: 2004
River Mile: 28.10	Location:	Date Range: 08/18/2004
Time Fished: 2812 sec	Drainage: 409.0 sq mi	
Dist Fished: 0.20 km	Basin: Scioto 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		4	6.00	0.97	0.19	0.50	31.25
Common Carp	G	O	M	T	12	18.00	2.92	20.73	55.12	1,151.36
Bluntnose Minnow	N	O	C	T	1	1.50	0.24	0.00	0.01	1.00
Yellow Bullhead		I	C	T	11	16.50	2.68	2.27	6.05	137.73
White Crappie	S	I	C		2	3.00	0.49	0.00	0.01	0.50
Rock Bass	S	C	C		10	15.00	2.43	1.86	4.94	123.89
Smallmouth Bass	F	C	C	M	6	9.00	1.46	0.93	2.47	103.33
Largemouth Bass	F	C	C		8	12.00	1.95	0.06	0.16	5.00
Green Sunfish	S	I	C	T	201	301.50	48.91	7.34	19.51	24.33
Bluegill Sunfish	S	I	C	P	37	55.50	9.00	0.86	2.30	15.54
Orangespotted Sunfish	S	I	C		7	10.50	1.70	0.14	0.37	13.33
Longear Sunfish	S	I	C	M	53	79.50	12.90	1.48	3.94	18.63
Green Sf X Hybrid					58	87.00	14.11	1.74	4.63	20.00
Johnny Darter	D	I	C		1	1.50	0.24	0.00	0.01	2.00
<i>Mile Total</i>					411	616.50		37.60		
<i>Number of Species</i>					13					
<i>Number of Hybrids</i>					1					

River Code: 02-400	Stream: Olentangy River	Sample Date: 2004
River Mile: 27.50	Location: dst. Panhandle Rd.	Date Range: 06/30/2004
Time Fished: 5943 sec	Drainage: 411.0 sq mi	Thru: 08/18/2004
Dist Fished: 0.40 km	Basin: Scioto River	No of Passes: 2
		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	6	4.50	1.83	0.14	0.56	31.67
Golden Redhorse	R	I	S M	1	0.75	0.31	0.75	2.93	1,000.00
Northern Hog Sucker	R	I	S M	3	2.25	0.92	1.13	4.39	500.00
Common Carp	G	O	M T	7	5.25	2.14	8.44	32.94	1,607.14
Spotfin Shiner	N	I	M	21	15.75	6.42	0.11	0.43	7.01
Bluntnose Minnow	N	O	C T	9	6.75	2.75	0.04	0.15	5.56
Central Stoneroller	N	H	N	20	15.00	6.12	0.09	0.37	6.25
Channel Catfish	F		C	3	2.25	0.92	1.21	4.73	538.33
Yellow Bullhead		I	C T	10	7.50	3.06	2.24	8.73	298.00
Stonecat Madtom		I	C I	2	1.50	0.61	0.42	1.64	280.00
Brindled Madtom		I	C I	1	0.75	0.31	0.02	0.06	20.00
Rock Bass	S	C	C	90	67.50	27.52	4.87	19.01	72.14
Smallmouth Bass	F	C	C M	42	31.50	12.84	3.56	13.91	113.07
Largemouth Bass	F	C	C	5	3.75	1.53	0.06	0.25	17.00
Green Sunfish	S	I	C T	8	6.00	2.45	0.17	0.66	28.13
Bluegill Sunfish	S	I	C P	20	15.00	6.12	0.47	1.85	31.60
Longear Sunfish	S	I	C M	29	21.75	8.87	0.66	2.59	30.52
Green Sf X Bluegill Sf				1	0.75	0.31	0.00	0.02	5.00
Green Sf X Longear Sf				16	12.00	4.89	0.47	1.84	39.33
Hybrid X Sunfish				22	16.50	6.73	0.72	2.80	43.41
Logperch	D	I	S M	6	4.50	1.83	0.03	0.13	7.50
Banded Darter	D	I	S I	4	3.00	1.22	0.00	0.02	1.25
Fantail Darter	D	I	C	1	0.75	0.31	0.00	0.01	3.00
<i>Mile Total</i>				327	245.25		25.61		
<i>Number of Species</i>				20					
<i>Number of Hybrids</i>				3					

River Code: 02-400	Stream: Olentangy River	Sample Date: 2004
River Mile: 24.50	Location:	Date Range: 06/30/2004
Time Fished: 10070 sec	Drainage: 433.0 sq mi	Thru: 09/03/2004
Dist Fished: 0.60 km	Basin: Scioto River	Sampler Type: D
	No of Passes: 3	

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	33	16.50	4.42	0.17	0.65	10.45
Silver Redhorse	R	I	S M	3	1.50	0.40	2.23	8.37	1,483.33
Golden Redhorse	R	I	S M	8	4.00	1.07	4.60	17.28	1,148.75
Northern Hog Sucker	R	I	S M	44	22.00	5.90	9.85	37.04	447.74
Common Carp	G	O	M T	2	1.00	0.27	1.50	5.64	1,500.00
Spotfin Shiner	N	I	M	69	34.50	9.25	0.13	0.50	3.83
Sand Shiner	N	I	M M	6	3.00	0.80	0.01	0.02	2.00
Bluntnose Minnow	N	O	C T	65	32.50	8.71	0.11	0.42	3.44
Central Stoneroller	N	H	N	24	12.00	3.22	0.09	0.33	7.29
Channel Catfish	F		C	5	2.50	0.67	0.42	1.57	167.00
Yellow Bullhead		I	C T	8	4.00	1.07	0.67	2.52	167.50
Stonecat Madtom		I	C I	4	2.00	0.54	0.15	0.56	75.00
Brindled Madtom		I	C I	1	0.50	0.13	0.00	0.01	5.00
White Crappie	S	I	C	3	1.50	0.40	0.08	0.30	53.33
Black Crappie	S	I	C	4	2.00	0.54	0.09	0.35	46.25
Rock Bass	S	C	C	29	14.50	3.89	0.97	3.63	66.55
Smallmouth Bass	F	C	C M	46	23.00	6.17	1.75	6.59	76.14
Largemouth Bass	F	C	C	23	11.50	3.08	0.06	0.24	5.57
Green Sunfish	S	I	C T	153	76.50	20.51	0.84	3.14	10.92
Bluegill Sunfish	S	I	C P	104	52.00	13.94	1.63	6.11	31.25
Longear Sunfish	S	I	C M	14	7.00	1.88	0.26	0.99	37.50
Pumpkinseed Sunfish	S	I	C P	34	17.00	4.56	0.66	2.48	38.74
Green Sf X Hybrid				1	0.50	0.13	0.03	0.09	50.00
Hybrid X Sunfish				4	2.00	0.54	0.06	0.21	27.50
Logperch	D	I	S M	19	9.50	2.55	0.18	0.69	19.43
Johnny Darter	D	I	C	1	0.50	0.13	0.00	0.00	1.00
Greenside Darter	D	I	S M	10	5.00	1.34	0.04	0.14	7.60
Banded Darter	D	I	S I	26	13.00	3.49	0.02	0.09	1.87
Rainbow Darter	D	I	S M	1	0.50	0.13	0.00	0.00	1.00
Fantail Darter	D	I	C	2	1.00	0.27	0.01	0.04	10.00
<i>Mile Total</i>				746	373.00		26.59		
<i>Number of Species</i>				28					
<i>Number of Hybrids</i>				2					

Species List

River Code: 02-400	Stream: Olentangy River	Sample Date: 2004
River Mile: 19.40	Location:	Date Range: 07/29/2004
Time Fished: 6830 sec	Drainage: 455.0 sq mi	Thru: 09/03/2004
Dist Fished: 0.54 km	Basin: Scioto River	Sampler Type: D
	No of Passes: 2	

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	2.78	0.81	0.19	0.37	67.60
Silver Redhorse	R	I	S M	3	1.67	0.49	3.14	6.27	1,883.33
Black Redhorse	R	I	S I	13	7.22	2.11	6.18	12.35	855.38
Golden Redhorse	R	I	S M	7	3.89	1.14	2.93	5.86	753.57
Northern Hog Sucker	R	I	S M	15	8.33	2.43	3.84	7.67	460.67
Common Carp	G	O	M T	23	12.78	3.73	22.05	44.07	1,725.65
Creek Chub	N	G	N T	1	0.56	0.16	0.00	0.00	1.00
Spotfin Shiner	N	I	M	77	42.78	12.50	0.34	0.67	7.86
Sand Shiner	N	I	M M	13	7.22	2.11	0.03	0.05	3.57
Bluntnose Minnow	N	O	C T	46	25.56	7.47	0.05	0.10	1.89
Central Stoneroller	N	H	N	1	0.56	0.16	0.04	0.08	70.00
Channel Catfish	F		C	3	1.67	0.49	1.64	3.28	984.33
Yellow Bullhead		I	C T	6	3.33	0.97	0.30	0.60	90.17
Flathead Catfish	F	P	C	2	1.11	0.32	1.24	2.48	1,117.50
Stonecat Madtom		I	C I	24	13.33	3.90	0.42	0.84	31.46
White Crappie	S	I	C	6	3.33	0.97	0.13	0.27	40.00
Rock Bass	S	C	C	78	43.33	12.66	3.32	6.64	76.67
Smallmouth Bass	F	C	C M	61	33.89	9.90	2.00	4.00	59.10
Largemouth Bass	F	C	C	2	1.11	0.32	0.01	0.03	12.50
Green Sunfish	S	I	C T	60	33.33	9.74	0.49	0.98	14.67
Bluegill Sunfish	S	I	C P	87	48.33	14.12	0.71	1.41	14.63
Orangespotted Sunfish	S	I	C	18	10.00	2.92	0.04	0.09	4.44
Longear Sunfish	S	I	C M	26	14.44	4.22	0.46	0.92	31.92
Pumpkinseed Sunfish	S	I	C P	7	3.89	1.14	0.21	0.42	54.64
Longear X Orangespot				2	1.11	0.32	0.02	0.04	17.50
Hybrid X Sunfish				2	1.11	0.32	0.02	0.05	21.00
Logperch	D	I	S M	14	7.78	2.27	0.21	0.42	26.93
Greenside Darter	D	I	S M	1	0.56	0.16	0.00	0.00	3.00
Banded Darter	D	I	S I	11	6.11	1.79	0.01	0.03	2.18
Rainbow Darter	D	I	S M	1	0.56	0.16	0.00	0.00	2.00
Fantail Darter	D	I	C	1	0.56	0.16	0.00	0.00	1.00
<i>Mile Total</i>				616	342.22		50.03		
<i>Number of Species</i>				29					
<i>Number of Hybrids</i>				2					

Species List

River Code: 02-400	Stream: Olentangy River	Sample Date: 2004
River Mile: 15.00	Location:	Date Range: 08/18/2004
Time Fished: 6844 sec	Drainage: 483.0 sq mi	Thru: 09/27/2004
Dist Fished: 0.57 km	Basin: Scioto River	Sampler Type: D
	No of Passes: 2	

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	7	3.18	0.61	0.04	0.18	11.43
Golden Redhorse	R	I	S M	1	0.63	0.12	0.48	2.35	770.00
Northern Hog Sucker	R	I	S M	8	4.66	0.90	1.90	9.29	418.13
White Sucker	W	O	S T	2	0.91	0.18	0.31	1.50	337.50
Common Carp	G	O	M T	5	2.78	0.54	5.94	29.00	2,130.00
Silver Shiner	N	I	S I	2	1.25	0.24	0.02	0.08	12.50
Spotfin Shiner	N	I	M	30	15.85	3.06	0.13	0.62	8.04
Sand Shiner	N	I	M M	43	22.95	4.43	0.07	0.33	2.86
Fathead Minnow	N	O	C T	1	0.63	0.12	0.00	0.01	2.00
Bluntnose Minnow	N	O	C T	40	22.10	4.27	0.15	0.74	7.40
Central Stoneroller	N	H	N	114	60.00	11.59	1.01	4.94	17.46
Channel Catfish	F		C	1	0.45	0.09	0.00	0.01	3.00
Yellow Bullhead		I	C T	16	8.13	1.57	0.94	4.59	119.69
Flathead Catfish	F	P	C	1	0.45	0.09	0.00	0.01	4.00
Stonecat Madtom		I	C I	9	4.94	0.95	0.12	0.58	22.41
Brindled Madtom		I	C I	8	3.98	0.77	0.02	0.09	4.38
White Crappie	S	I	C	1	0.63	0.12	0.03	0.15	50.00
Black Crappie	S	I	C	30	16.53	3.19	0.70	3.41	45.03
Rock Bass	S	C	C	146	78.98	15.25	4.41	21.54	54.84
Smallmouth Bass	F	C	C M	40	21.93	4.24	1.02	5.00	44.05
Largemouth Bass	F	C	C	14	8.24	1.59	0.12	0.60	15.20
Green Sunfish	S	I	C T	31	18.52	3.58	0.23	1.10	12.58
Bluegill Sunfish	S	I	C P	194	113.58	21.94	1.29	6.30	11.36
Orangespotted Sunfish	S	I	C	34	16.31	3.15	0.11	0.56	6.91
Longear Sunfish	S	I	C M	51	27.61	5.33	0.85	4.16	29.79
Redear Sunfish	E	I	C	1	0.63	0.12	0.01	0.05	15.00
Green Sf X Hybrid				12	7.50	1.45	0.35	1.70	46.50
Hybrid X Sunfish				1	0.45	0.09	0.01	0.03	15.00
Logperch	D	I	S M	5	3.13	0.60	0.08	0.37	24.00
Johnny Darter	D	I	C	1	0.45	0.09	0.00	0.00	2.00
Greenside Darter	D	I	S M	11	5.85	1.13	0.05	0.23	8.18
Banded Darter	D	I	S I	71	34.83	6.73	0.05	0.25	1.45
Bluebreast Darter [T]	D	I	S R	17	8.75	1.69	0.05	0.24	5.88
Rainbow Darter	D	I	S M	2	0.91	0.18	0.00	0.01	2.50
<i>Mile Total</i>				950	517.73		20.49		
<i>Number of Species</i>				32					
<i>Number of Hybrids</i>				2					

Species List

River Code: 02-400	Stream: Olentangy River	Sample Date: 2004
River Mile: 12.40	Location:	Date Range: 08/16/2004
Time Fished: 3915 sec	Drainage: 491.0 sq mi	Thru: 09/15/2004
Dist Fished: 1.00 km	Basin: Scioto 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
Quillback Carpsucker	C	O	M	6	6.00	1.62	4.78	3.44	795.83
Silver Redhorse	R	I	S M	3	3.00	0.81	4.40	3.17	1,466.67
Black Redhorse	R	I	S I	37	37.00	10.00	24.06	17.34	650.36
Golden Redhorse	R	I	S M	46	46.00	12.43	40.77	29.38	886.31
Northern Hog Sucker	R	I	S M	29	29.00	7.84	17.22	12.41	593.62
White Sucker	W	O	S T	3	3.00	0.81	1.16	0.84	386.33
Common Carp	G	O	M T	11	11.00	2.97	30.65	22.09	2,786.36
Silver Shiner	N	I	S I	25	25.00	6.76	0.53	0.38	21.12
Spotfin Shiner	N	I	M	6	6.00	1.62	0.03	0.02	5.33
Sand Shiner	N	I	M M	2	2.00	0.54	0.01	0.01	5.00
Bluntnose Minnow	N	O	C T	9	9.00	2.43	0.04	0.03	4.11
Channel Catfish	F		C	4	4.00	1.08	3.86	2.78	965.50
Yellow Bullhead		I	C T	5	5.00	1.35	0.39	0.28	78.00
Black Crappie	S	I	C	3	3.00	0.81	0.22	0.15	71.67
Rock Bass	S	C	C	90	90.00	24.32	6.47	4.66	71.85
Smallmouth Bass	F	C	C M	35	35.00	9.46	2.71	1.95	77.30
Largemouth Bass	F	C	C	3	3.00	0.81	0.03	0.02	10.00
Green Sunfish	S	I	C T	1	1.00	0.27	0.03	0.02	28.00
Bluegill Sunfish	S	I	C P	18	18.00	4.86	0.45	0.32	25.00
Orangespotted Sunfish	S	I	C	1	1.00	0.27	0.01	0.00	6.00
Longear Sunfish	S	I	C M	10	10.00	2.70	0.60	0.43	60.30
Green Sf X Hybrid				2	2.00	0.54	0.18	0.13	88.50
Logperch	D	I	S M	6	6.00	1.62	0.18	0.13	30.00
Greenside Darter	D	I	S M	2	2.00	0.54	0.01	0.00	2.50
Banded Darter	D	I	S I	10	10.00	2.70	0.01	0.01	1.00
Rainbow Darter	D	I	S M	3	3.00	0.81	0.01	0.00	1.67
<i>Mile Total</i>				370	370.00		138.77		
<i>Number of Species</i>				25					
<i>Number of Hybrids</i>				1					

River Code: 02-400	Stream: Olentangy River	Sample Date: 2004
River Mile: 7.80	Location:	Date Range: 07/29/2004
Time Fished: 7063 sec	Drainage: 519.0 sq mi	Thru: 09/27/2004
Dist Fished: 0.60 km	Basin: Scioto River	Sampler Type: D
	No of Passes: 2	

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Silver Redhorse	R	I	S M	1	0.50	0.11	0.53	2.18	1,050.00
Black Redhorse	R	I	S I	2	1.00	0.22	0.85	3.53	850.00
Golden Redhorse	R	I	S M	16	8.00	1.74	7.21	29.94	901.56
Northern Hog Sucker	R	I	S M	10	5.00	1.09	1.62	6.71	323.50
Common Carp	G	O	M T	6	3.00	0.65	7.40	30.72	2,466.67
Creek Chub	N	G	N T	1	0.50	0.11	0.03	0.10	50.00
Rosefin Shiner	N	I	S M	2	1.00	0.22	0.00	0.01	2.00
Spotfin Shiner	N	I	M	13	6.50	1.42	0.06	0.25	9.34
Sand Shiner	N	I	M M	190	95.00	20.70	0.26	1.06	2.68
Bluntnose Minnow	N	O	C T	35	17.50	3.81	0.07	0.28	3.86
Central Stoneroller	N	H	N	124	62.00	13.51	0.31	1.29	5.02
Channel Catfish	F		C	2	1.00	0.22	0.01	0.04	10.00
Yellow Bullhead		I	C T	14	7.00	1.53	0.81	3.34	115.00
Flathead Catfish	F	P	C	1	0.50	0.11	0.01	0.02	10.00
Stonecat Madtom		I	C I	5	2.50	0.54	0.11	0.47	45.00
Brindled Madtom		I	C I	4	2.00	0.44	0.01	0.04	5.00
White Crappie	S	I	C	2	1.00	0.22	0.05	0.20	47.50
Black Crappie	S	I	C	1	0.50	0.11	0.02	0.07	35.00
Rock Bass	S	C	C	59	29.50	6.43	1.54	6.38	52.12
Smallmouth Bass	F	C	C M	118	59.00	12.85	1.83	7.58	30.96
Largemouth Bass	F	C	C	5	2.50	0.54	0.04	0.15	14.20
Green Sunfish	S	I	C T	68	34.00	7.41	0.23	0.97	6.87
Bluegill Sunfish	S	I	C P	107	53.50	11.66	0.44	1.83	8.24
Longear Sunfish	S	I	C M	15	7.50	1.63	0.24	0.98	31.33
Pumpkinseed Sunfish	S	I	C P	16	8.00	1.74	0.17	0.71	21.25
Green Sf X Bluegill Sf				1	0.50	0.11	0.01	0.04	20.00
Green Sf X Pumpkinseed				1	0.50	0.11	0.01	0.05	25.00
Green Sf X Hybrid				6	3.00	0.65	0.08	0.31	25.00
Hybrid X Sunfish				2	1.00	0.22	0.02	0.08	20.00
Logperch	D	I	S M	3	1.50	0.33	0.05	0.20	31.67
Greenside Darter	D	I	S M	8	4.00	0.87	0.02	0.07	4.38
Banded Darter	D	I	S I	33	16.50	3.59	0.04	0.16	2.36
Bluebreast Darter [T]	D	I	S R	1	0.50	0.11	0.00	0.01	3.00
Rainbow Darter	D	I	S M	42	21.00	4.58	0.05	0.19	2.14
Orangethroat Darter	D	I	S	2	1.00	0.22	0.00	0.01	2.00
Fantail Darter	D	I	C	2	1.00	0.22	0.01	0.02	5.00
<i>Mile Total</i>				918	459.00		24.09		
<i>Number of Species</i>				32					
<i>Number of Hybrids</i>				4					

Species List

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River Code: 02-400	Stream: Olentangy River	Sample Date: 2004
River Mile: 3.90	Location:	Date Range: 08/17/2004
Time Fished: 5139 sec	Drainage: 535.0 sq mi	Thru: 09/15/2004
Dist Fished: 1.00 km	Basin: Scioto River	Sampler Type: A
	No of Passes: 2	

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	28	28.00	4.79	1.60	1.45	56.96
Quillback Carpsucker	C	O	M	2	2.00	0.34	1.28	1.16	637.50
Silver Redhorse	R	I	S M	5	5.00	0.86	6.65	6.03	1,330.00
Black Redhorse	R	I	S I	39	39.00	6.68	19.32	17.51	495.38
Golden Redhorse	R	I	S M	45	45.00	7.71	34.78	31.51	772.81
River Redhorse [S]	R	I	S I	3	3.00	0.51	5.53	5.01	1,843.33
Northern Hog Sucker	R	I	S M	6	6.00	1.03	2.18	1.98	363.67
Common Carp	G	O	M T	12	12.00	2.05	22.51	20.40	1,875.83
Golden Shiner	N	I	M T	5	5.00	0.86	0.15	0.14	30.00
Silver Shiner	N	I	S I	1	1.00	0.17	0.00	0.00	1.00
Spotfin Shiner	N	I	M	8	8.00	1.37	0.02	0.02	2.50
Sand Shiner	N	I	M M	13	13.00	2.23	0.03	0.02	2.00
Bluntnose Minnow	N	O	C T	19	19.00	3.25	0.03	0.03	1.55
Central Stoneroller	N	H	N	15	15.00	2.57	0.10	0.09	6.80
Channel Catfish	F		C	3	3.00	0.51	3.08	2.79	1,026.67
Yellow Bullhead		I	C T	4	4.00	0.68	0.56	0.51	140.00
Brook Silverside		I	M M	2	2.00	0.34	0.00	0.00	2.00
White Crappie	S	I	C	8	8.00	1.37	0.50	0.45	61.88
Black Crappie	S	I	C	18	18.00	3.08	0.75	0.68	41.83
Rock Bass	S	C	C	17	17.00	2.91	0.67	0.61	39.41
Smallmouth Bass	F	C	C M	9	9.00	1.54	1.29	1.17	143.56
Largemouth Bass	F	C	C	14	14.00	2.40	2.99	2.71	213.81
Green Sunfish	S	I	C T	20	20.00	3.42	0.40	0.36	19.75
Bluegill Sunfish	S	I	C P	133	133.00	22.77	2.90	2.63	21.81
Orangespotted Sunfish	S	I	C	7	7.00	1.20	0.10	0.09	14.29
Longear Sunfish	S	I	C M	70	70.00	11.99	1.23	1.11	17.50
Pumpkinseed Sunfish	S	I	C P	1	1.00	0.17	0.02	0.02	22.00
Green Sf X Hybrid				32	32.00	5.48	1.04	0.94	32.48
Logperch	D	I	S M	31	31.00	5.31	0.43	0.39	13.87
Johnny Darter	D	I	C	2	2.00	0.34	0.00	0.00	1.50
Greenside Darter	D	I	S M	1	1.00	0.17	0.00	0.00	3.00
Banded Darter	D	I	S I	3	3.00	0.51	0.01	0.01	2.00
Rainbow Darter	D	I	S M	6	6.00	1.03	0.02	0.02	3.33
Sauger X Walleye	E	P		2	2.00	0.34	0.21	0.19	102.50
<i>Mile Total</i>				584	584.00		110.36		
<i>Number of Species</i>				32					
<i>Number of Hybrids</i>				2					

Species List

River Code: 02-400	Stream: Olentangy River	Sample Date: 2004
River Mile: 2.10	Location:	Date Range: 08/17/2004
Time Fished: 8228 sec	Drainage: 540.0 sq mi	Thru: 09/28/2004
Dist Fished: 1.00 km	Basin: Scioto 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	57	57.00	8.31	2.93	1.70	51.31
Quillback Carpsucker	C	O	M	2	2.00	0.29	2.10	1.22	1,050.00
Golden Redhorse	R	I	S M	9	9.00	1.31	5.30	3.08	588.89
Common Carp	G	O	M T	45	45.00	6.56	144.61	84.09	3,213.56
Golden Shiner	N	I	M T	3	3.00	0.44	0.06	0.03	19.00
Bluntnose Minnow	N	O	C T	2	2.00	0.29	0.00	0.00	1.00
Channel Catfish	F		C	1	1.00	0.15	1.60	0.93	1,600.00
Yellow Bullhead		I	C T	1	1.00	0.15	0.02	0.01	20.00
Brook Silverside		I	M M	2	2.00	0.29	0.00	0.00	1.50
White Crappie	S	I	C	21	21.00	3.06	1.00	0.58	47.62
Black Crappie	S	I	C	10	10.00	1.46	0.25	0.14	24.50
Rock Bass	S	C	C	5	5.00	0.73	0.26	0.15	52.00
Largemouth Bass	F	C	C	37	37.00	5.39	3.07	1.79	82.97
Green Sunfish	S	I	C T	106	106.00	15.45	1.92	1.12	18.12
Bluegill Sunfish	S	I	C P	173	173.00	25.22	4.16	2.42	24.06
Orangespotted Sunfish	S	I	C	6	6.00	0.87	0.13	0.07	21.25
Longear Sunfish	S	I	C M	146	146.00	21.28	2.02	1.18	13.87
Pumpkinseed Sunfish	S	I	C P	2	2.00	0.29	0.14	0.08	70.00
Green Sf X Hybrid				57	57.00	8.31	2.34	1.36	41.13
Hybrid X Sunfish				1	1.00	0.15	0.05	0.03	50.00
				<i>Mile Total</i>	686	686.00	171.96		
				<i>Number of Species</i>	18				
				<i>Number of Hybrids</i>	2				

River Code: 02-400	Stream: Olentangy River	Sample Date: 2004
River Mile: 1.80	Location: Fifth Ave.	Date Range: 08/18/2004
Time Fished: 4187 sec	Drainage: 540.0 sq mi	Thru: 09/27/2004
Dist Fished: 0.66 km	Basin: Scioto River	Sampler Type: D
	No of Passes: 2	

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Quillback Carpsucker	C	O	M	1	0.45	0.20	0.26	0.42	580.00
Silver Redhorse	R	I	S M	1	0.45	0.20	0.50	0.79	1,100.00
Black Redhorse	R	I	S I	4	1.82	0.79	1.48	2.35	813.75
Golden Redhorse	R	I	S M	6	2.73	1.19	1.87	2.96	684.17
Northern Hog Sucker	R	I	S M	21	9.55	4.16	4.05	6.43	424.52
Common Carp	G	O	M T	53	24.09	10.50	49.18	78.07	2,041.27
River Chub	N	I	N I	179	81.36	35.45	0.90	1.43	11.07
Spotfin Shiner	N	I	M	4	1.82	0.79	0.01	0.02	7.50
Sand Shiner	N	I	M M	11	5.00	2.18	0.01	0.02	2.27
Bluntnose Minnow	N	O	C T	4	1.82	0.79	0.01	0.01	3.00
Central Stoneroller	N	H	N	41	18.64	8.12	0.14	0.22	7.55
Channel Catfish	F		C	22	10.00	4.36	0.73	1.16	72.86
Yellow Bullhead		I	C T	4	1.82	0.79	0.10	0.16	55.50
Flathead Catfish	F	P	C	1	0.45	0.20	0.01	0.02	30.00
Stonecat Madtom		I	C I	2	0.91	0.40	0.04	0.07	45.00
Brindled Madtom		I	C I	1	0.45	0.20	0.00	0.00	5.00
Rock Bass	S	C	C	5	2.27	0.99	0.14	0.23	63.00
Smallmouth Bass	F	C	C M	36	16.36	7.13	1.95	3.10	119.36
Largemouth Bass	F	C	C	11	5.00	2.18	0.48	0.75	95.00
Green Sunfish	S	I	C T	13	5.91	2.57	0.12	0.19	20.00
Bluegill Sunfish	S	I	C P	7	3.18	1.39	0.13	0.21	40.71
Longear Sunfish	S	I	C M	4	1.82	0.79	0.08	0.13	45.00
Green Sf X Hybrid				3	1.36	0.59	0.09	0.14	64.00
Logperch	D	I	S M	20	9.09	3.96	0.16	0.26	18.00
Johnny Darter	D	I	C	3	1.36	0.59	0.00	0.00	2.00
Greenside Darter	D	I	S M	3	1.36	0.59	0.01	0.02	7.67
Banded Darter	D	I	S I	41	18.64	8.12	0.04	0.06	2.05
Orangethroat Darter	D	I	S	1	0.45	0.20	0.00	0.00	2.00
Fantail Darter	D	I	C	1	0.45	0.20	0.00	0.01	10.00
Sauger X Walleye	E	P		2	0.91	0.40	0.49	0.77	535.00
<i>Mile Total</i>				505	229.55		62.99		
<i>Number of Species</i>				28					
<i>Number of Hybrids</i>				2					

River Code: 02-400	Stream: Olentangy River	Sample Date: 2004
River Mile: 0.90	Location:	Date Range: 08/17/2004
Time Fished: 6914 sec	Drainage: 543.0 sq mi	Thru: 09/30/2004
Dist Fished: 1.00 km	Basin: Scioto 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	1.00	0.22	0.07	0.05	70.00
Black Redhorse	R	I	S I	33	33.00	7.21	23.21	18.22	703.32
Golden Redhorse	R	I	S M	29	29.00	6.33	21.93	17.22	756.34
Northern Hog Sucker	R	I	S M	15	15.00	3.28	6.53	5.13	435.60
Common Carp	G	O	M T	26	26.00	5.68	58.15	45.64	2,236.54
Golden Shiner	N	I	M T	2	2.00	0.44	0.01	0.00	3.00
River Chub	N	I	N I	64	64.00	13.97	2.04	1.60	31.93
Spotfin Shiner	N	I	M	4	4.00	0.87	0.01	0.01	2.50
Sand Shiner	N	I	M M	5	5.00	1.09	0.01	0.01	2.40
Bluntnose Minnow	N	O	C T	42	42.00	9.17	0.14	0.11	3.23
Central Stoneroller	N	H	N	14	14.00	3.06	0.15	0.12	10.93
Channel Catfish	F		C	10	10.00	2.18	4.83	3.79	482.50
Brindled Madtom		I	C I	1	1.00	0.22	0.01	0.00	6.00
Brook Silverside		I	M M	2	2.00	0.44	0.00	0.00	2.00
Rock Bass	S	C	C	6	6.00	1.31	0.44	0.35	73.83
Smallmouth Bass	F	C	C M	74	74.00	16.16	4.03	3.16	54.45
Largemouth Bass	F	C	C	17	17.00	3.71	0.03	0.02	1.53
Green Sunfish	S	I	C T	16	16.00	3.49	0.36	0.28	22.56
Bluegill Sunfish	S	I	C P	12	12.00	2.62	0.35	0.28	29.42
Longear Sunfish	S	I	C M	33	33.00	7.21	0.56	0.44	16.83
Green Sf X Bluegill Sf				17	17.00	3.71	0.99	0.78	58.24
Green Sf X Hybrid				24	24.00	5.24	1.60	1.26	66.67
Logperch	D	I	S M	3	3.00	0.66	0.05	0.04	15.00
Johnny Darter	D	I	C	1	1.00	0.22	0.00	0.00	2.00
Banded Darter	D	I	S I	1	1.00	0.22	0.00	0.00	2.00
Sauger X Walleye	E	P		6	6.00	1.31	1.90	1.49	316.33
<i>Mile Total</i>				458	458.00		127.40		
<i>Number of Species</i>				23					
<i>Number of Hybrids</i>				3					

Species List

River Code: 02-402	Stream: Turkey Run	Sample Date: 2003
River Mile: 0.70	Location:	Date Range: 06/26/2003
Time Fished: 4200 sec	Drainage: 2.3 sq mi	Thru: 09/08/2003
Dist Fished: 0.30 km	Basin: Scioto River	Sampler Type: E
	No of Passes: 2	

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Goldfish	G	O	M	T	2	2.00	0.20			
Blacknose Dace	N	G	S	T	365	365.00	36.76			
Creek Chub	N	G	N	T	600	600.00	60.42			
Green Sunfish	S	I	C	T	26	26.00	2.62			
<i>Mile Total</i>					993	993.00				
<i>Number of Species</i>					4					
<i>Number of Hybrids</i>					0					

Species List

River Code: 02-405	Stream: Deep Run	Sample Date: 2003
River Mile: 1.10	Location:	Date Range: 06/30/2003
Time Fished: 3000 sec	Drainage: 0.6 sq mi	Thru: 09/09/2003
Dist Fished: 0.31 km	Basin: Scioto River	Sampler Type: E
	No of Passes: 2	

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Blacknose Dace	N	G	S	T	7	7.00	1.27			
Creek Chub	N	G	N	T	511	500.88	90.72			
Green Sunfish	S	I	C	T	45	44.25	8.01			
<i>Mile Total</i>					563	552.13				
<i>Number of Species</i>					3					
<i>Number of Hybrids</i>					0					

Species List

River Code: 02-408	Stream: Mill Run	Sample Date: 2003
River Mile: 0.90	Location:	Date Range: 06/30/2003
Time Fished: 4500 sec	Drainage: 1.8 sq mi	Thru: 09/09/2003
Dist Fished: 0.25 km	Basin: Scioto River	Sampler Type: E
	No of Passes: 2	

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	14.42	2.40			
Blacknose Dace	N	G	S	T	48	57.88	9.64			
Creek Chub	N	G	N	T	228	269.42	44.87			
Spotfin Shiner	N	I	M		4	5.00	0.83			
Fathead Minnow	N	O	C	T	4	5.00	0.83			
Bluntnose Minnow	N	O	C	T	1	1.25	0.21			
Central Stoneroller	N	H	N		62	73.37	12.22			
Green Sunfish	S	I	C	T	136	166.73	27.77			
Orangethroat Darter	D	I	S		6	7.40	1.23			
<i>Mile Total</i>					501	600.48				
<i>Number of Species</i>					9					
<i>Number of Hybrids</i>					0					

Species List

River Code: 02-410	Stream: Sugar Run	Sample Date: 2003
River Mile: 1.30	Location:	Date Range: 06/30/2003
Time Fished: 5100 sec	Drainage: 3.5 sq mi	Thru: 09/09/2003
Dist Fished: 0.33 km	Basin: Scioto River	Sampler Type: E
	No of Passes: 2	

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	27.17	7.33			
Creek Chub	N	G	N	T	5	4.67	1.26			
Yellow Bullhead		I	C	T	4	3.33	0.90			
Brown Bullhead		I	C	T	1	1.00	0.27			
Blackstripe Topminnow		I	M		5	4.17	1.12			
Green Sunfish	S	I	C	T	107	102.50	27.67			
Bluegill Sunfish	S	I	C	P	29	24.67	6.66			
Orangethroat Darter	D	I	S		211	203.00	54.79			
<i>Mile Total</i>					392	370.50				
<i>Number of Species</i>					8					
<i>Number of Hybrids</i>					0					

Species List

River Code: 02-413	Stream: Norris Run	Sample Date: 2003
River Mile: 1.30	Location:	Date Range: 06/30/2003
Time Fished: 3000 sec	Drainage: 5.8 sq mi	Thru: 09/09/2003
Dist Fished: 0.25 km	Basin: Scioto River	Sampler Type: E
	No of Passes: 2	

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Quillback Carpsucker	C	O	M		1	1.25	0.15			
White Sucker	W	O	S	T	56	65.67	7.95			
Common Carp	G	O	M	T	5	6.06	0.73			
Golden Shiner	N	I	M	T	1	1.15	0.14			
Creek Chub	N	G	N	T	45	53.65	6.50			
Spotfin Shiner	N	I	M		15	18.75	2.27			
Bluntnose Minnow	N	O	C	T	482	574.04	69.52			
Central Stoneroller	N	H	N		12	14.71	1.78			
Yellow Bullhead		I	C	T	9	10.77	1.30			
Largemouth Bass	F	C	C		1	1.25	0.15			
Green Sunfish	S	I	C	T	18	21.44	2.60			
Bluegill Sunfish	S	I	C	P	5	5.77	0.70			
Johnny Darter	D	I	C		29	35.67	4.32			
Rainbow Darter	D	I	S	M	1	1.25	0.15			
Orangethroat Darter	D	I	S		1	1.15	0.14			
Fantail Darter	D	I	C		9	10.77	1.30			
Brook Stickleback		I	C		2	2.31	0.28			
<i>Mile Total</i>					692	825.67				
<i>Number of Species</i>					17					
<i>Number of Hybrids</i>					0					

Species List

River Code: 02-414	Stream: Indian Run	Sample Date: 2003
River Mile: 0.90	Location:	Date Range: 07/02/2003
Time Fished: 3000 sec	Drainage: 4.0 sq mi	Thru: 09/09/2003
Dist Fished: 0.32 km	Basin: Scioto River	No of Passes: 2
		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	2	2.00	0.56			
White Sucker	W	O	S T	12	11.41	3.22			
Golden Shiner	N	I	M T	9	8.06	2.27			
Creek Chub	N	G	N T	24	22.35	6.30			
Rosefin Shiner	N	I	S M	3	2.65	0.75			
Spotfin Shiner	N	I	M	6	6.00	1.69			
Sand Shiner	N	I	M M	1	0.88	0.25			
Bluntnose Minnow	N	O	C T	26	24.71	6.97			
Central Stoneroller	N	H	N	1	1.00	0.28			
Yellow Bullhead		I	C T	2	1.88	0.53			
Largemouth Bass	F	C	C	6	6.00	1.69			
Green Sunfish	S	I	C T	243	226.88	63.97			
Bluegill Sunfish	S	I	C P	4	4.00	1.13			
Orangespotted Sunfish	S	I	C	6	5.53	1.56			
Green Sf X Hybrid				2	2.00	0.56			
Logperch	D	I	S M	27	24.41	6.88			
Johnny Darter	D	I	C	3	3.00	0.85			
Rainbow Darter	D	I	S M	2	1.88	0.53			
<i>Mile Total</i>				379	354.65				
<i>Number of Species</i>				17					
<i>Number of Hybrids</i>				1					

Species List

River Code: 02-415	Stream: Brondige Run	Sample Date: 2003
River Mile: 0.70	Location:	Date Range: 07/02/2003
Time Fished: 2700 sec	Drainage: 12.0 sq mi	Thru: 09/11/2003
Dist Fished: 0.28 km	Basin: Scioto River	Sampler Type: E
	No of Passes: 2	

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Grass Pickerel		P	M	P	3	3.21	0.68			
Creek Chub	N	G	N	T	5	5.36	1.13			
Rosefin Shiner	N	I	S	M	4	4.29	0.91			
Bluntnose Minnow	N	O	C	T	166	177.86	37.64			
Yellow Bullhead		I	C	T	3	3.21	0.68			
Blackstripe Topminnow		I	M		4	4.29	0.91			
Largemouth Bass	F	C	C		3	3.21	0.68			
Green Sunfish	S	I	C	T	112	120.00	25.40			
Bluegill Sunfish	S	I	C	P	33	35.36	7.48			
Orangespotted Sunfish	S	I	C		3	3.21	0.68			
Pumpkinseed Sunfish	S	I	C	P	2	2.14	0.45			
Green Sf X Bluegill Sf					1	1.07	0.23			
Green Sf X Hybrid					3	3.21	0.68			
Logperch	D	I	S	M	1	1.07	0.23			
Johnny Darter	D	I	C		39	41.79	8.84			
Rainbow Darter	D	I	S	M	59	63.21	13.38			
<i>Mile Total</i>					441	472.50				
<i>Number of Species</i>					14					
<i>Number of Hybrids</i>					2					

Species List

River Code: 02-417 River Mile: 4.60 Time Fished: 1140 sec Dist Fished: 0.15 km	Stream: QuQua Creek Location: Owens Rd. Drainage: 6.8 sq mi Basin: Scioto River	Sample Date: 2003 Date Range: 08/13/2003 No of Passes: 1 Sampler Type: E
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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	6	12.00	4.20			
Common Carp	G	O	M	T	119	238.00	83.22			
Creek Chub	N	G	N	T	1	2.00	0.70			
Silverjaw Minnow	N	I	M		11	22.00	7.69			
Bluntnose Minnow	N	O	C	T	6	12.00	4.20			
<i>Mile Total</i>					143	286.00				
<i>Number of Species</i>					5					
<i>Number of Hybrids</i>					0					

Species List

River Code: 02-417	Stream: QuQua Creek	Sample Date: 2003
River Mile: 0.10	Location:	Date Range: 09/08/2003
Time Fished: 1920 sec	Drainage: 17.1 sq mi	
Dist Fished: 0.15 km	Basin: Scioto 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		3	6.00	2.05	0.11	6.19	18.33
Grass Pickerel		P	M	P	1	2.00	0.68	0.03	1.69	15.00
Goldfish	G	O	M	T	1	2.00	0.68	0.03	1.69	15.00
Creek Chub	N	G	N	T	3	6.00	2.05	0.22	12.38	36.67
Spotfin Shiner	N	I	M		44	88.00	30.14	0.27	14.97	3.02
Sand Shiner	N	I	M	M	9	18.00	6.16	0.04	2.25	2.22
Bluntnose Minnow	N	O	C	T	9	18.00	6.16	0.08	4.33	4.29
Central Stoneroller	N	H	N		7	14.00	4.79	0.14	7.88	10.00
Yellow Bullhead		I	C	T	3	6.00	2.05	0.06	3.38	10.00
Blackstripe Topminnow		I	M		1	2.00	0.68	0.00	0.23	2.00
Smallmouth Bass	F	C	C	M	1	2.00	0.68	0.14	7.88	70.00
Warmouth Sunfish	S	C	C		1	2.00	0.68	0.03	1.69	15.00
Green Sunfish	S	I	C	T	4	8.00	2.74	0.11	6.19	13.75
Bluegill Sunfish	S	I	C	P	3	6.00	2.05	0.04	2.25	6.67
Longear Sunfish	S	I	C	M	2	4.00	1.37	0.04	2.25	10.00
Logperch	D	I	S	M	3	6.00	2.05	0.09	5.06	15.00
Rainbow Darter	D	I	S	M	49	98.00	33.56	0.31	17.45	3.16
Fantail Darter	D	I	C		2	4.00	1.37	0.04	2.25	10.00
<i>Mile Total</i>					146	292.00		1.78		
<i>Number of Species</i>					18					
<i>Number of Hybrids</i>					0					

River Code: 02-418	Stream: Grave Creek	Sample Date: 2003
River Mile: 3.20	Location: St. Rt. 529	Date Range: 08/13/2003
Time Fished: 3209 sec	Drainage: 9.3 sq mi	Thru: 09/18/2003
Dist Fished: 0.30 km	Basin: Scioto River	No of Passes: 2
		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	1.00	0.29			
Grass Pickerel		P	M	P	19	19.00	5.51			
White Sucker	W	O	S	T	17	17.00	4.93			
Common Carp	G	O	M	T	5	5.00	1.45			
Golden Shiner	N	I	M	T	6	6.00	1.74			
Creek Chub	N	G	N	T	9	9.00	2.61			
Bluntnose Minnow	N	O	C	T	128	128.00	37.10			
Central Stoneroller	N	H	N		1	1.00	0.29			
Yellow Bullhead		I	C	T	31	31.00	8.99			
Blackstripe Topminnow		I	M		64	64.00	18.55			
White Crappie	S	I	C		1	1.00	0.29			
Largemouth Bass	F	C	C		10	10.00	2.90			
Green Sunfish	S	I	C	T	3	3.00	0.87			
Bluegill Sunfish	S	I	C	P	2	2.00	0.58			
Orangespotted Sunfish	S	I	C		1	1.00	0.29			
Longear Sunfish	S	I	C	M	4	4.00	1.16			
Green Sf X Hybrid					1	1.00	0.29			
Johnny Darter	D	I	C		9	9.00	2.61			
Rainbow Darter	D	I	S	M	33	33.00	9.57			
<i>Mile Total</i>					345	345.00				
<i>Number of Species</i>					18					
<i>Number of Hybrids</i>					1					

Species List

River Code: 02-418	Stream: Grave Creek	Sample Date: 2003
River Mile: 1.40	Location:	Date Range: 08/13/2003
Time Fished: 3796 sec	Drainage: 11.3 sq mi	Thru: 09/18/2003
Dist Fished: 0.30 km	Basin: Scioto River	Sampler Type: E
	No of Passes: 2	

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	319	319.00	41.16			
Grass Pickerel		P	M P	16	16.00	2.06			
White Sucker	W	O	S T	195	195.00	25.16			
Common Carp	G	O	M T	25	25.00	3.23			
Golden Shiner	N	I	M T	3	3.00	0.39			
Creek Chub	N	G	N T	55	55.00	7.10			
Striped Shiner	N	I	S	17	17.00	2.19			
Spotfin Shiner	N	I	M	4	4.00	0.52			
Sand Shiner	N	I	M M	11	11.00	1.42			
Bluntnose Minnow	N	O	C T	82	82.00	10.58			
Yellow Bullhead		I	C T	13	13.00	1.68			
Blackstripe Topminnow		I	M	3	3.00	0.39			
White Crappie	S	I	C	1	1.00	0.13			
Black Crappie	S	I	C	3	3.00	0.39			
Smallmouth Bass	F	C	C M	2	2.00	0.26			
Largemouth Bass	F	C	C	1	1.00	0.13			
Green Sunfish	S	I	C T	2	2.00	0.26			
Bluegill Sunfish	S	I	C P	11	11.00	1.42			
Orangespotted Sunfish	S	I	C	6	6.00	0.77			
Longear Sunfish	S	I	C M	2	2.00	0.26			
Green Sf X Hybrid				1	1.00	0.13			
Logperch	D	I	S M	2	2.00	0.26			
Johnny Darter	D	I	C	1	1.00	0.13			
<i>Mile Total</i>				775	775.00				
<i>Number of Species</i>				22					
<i>Number of Hybrids</i>				1					

River Code: 02-418	Stream: Grave Creek	Sample Date: 2004
River Mile: 0.80	Location: St. Rt. 98	Date Range: 06/24/2004
Time Fished: 8368 sec	Drainage: 16.7 sq mi	Thru: 07/30/2004
Dist Fished: 0.40 km	Basin: Scioto River	Sampler Type: D E
	No of Passes: 2	

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Grass Pickerel		P	M P	17	12.75	3.27	0.41	3.49	32.35
Quillback Carpsucker	C	O	M	2	1.50	0.38	0.93	7.88	620.00
Northern Hog Sucker	R	I	S M	1	0.75	0.19	0.32	2.67	420.00
White Sucker	W	O	S T	32	24.00	6.15	2.85	24.12	118.66
Common Carp	G	O	M T	3	2.25	0.58	0.29	2.41	126.67
Creek Chub	N	G	N T	125	93.75	24.04	4.31	36.53	46.01
Redfin Shiner	N	I	N	2	1.50	0.38	0.01	0.08	6.50
Striped Shiner	N	I	S	16	12.00	3.08	0.37	3.13	30.75
Sand Shiner	N	I	M M	26	19.50	5.00	0.07	0.58	3.54
Bluntnose Minnow	N	O	C T	98	73.50	18.85	0.27	2.29	3.67
Central Stoneroller	N	H	N	7	5.25	1.35	0.07	0.61	13.57
Redfin Sh X Rosefin Sh		I		1	0.75	0.19	0.00	0.01	2.00
Yellow Bullhead		I	C T	17	12.75	3.27	0.79	6.67	61.76
Stonecat Madtom		I	C I	1	0.75	0.19	0.04	0.32	50.00
Blackstripe Topminnow		I	M	1	0.75	0.19	0.00	0.01	2.00
White Crappie	S	I	C	2	1.50	0.38	0.18	1.52	120.00
Rock Bass	S	C	C	6	4.50	1.15	0.23	1.94	50.83
Green Sunfish	S	I	C T	22	16.50	4.23	0.18	1.56	11.15
Bluegill Sunfish	S	I	C P	11	8.25	2.12	0.06	0.53	7.55
Longear Sunfish	S	I	C M	3	2.25	0.58	0.05	0.38	20.00
Green Sf X Hybrid				1	0.75	0.19	0.02	0.13	20.00
Logperch	D	I	S M	27	20.25	5.19	0.18	1.49	8.69
Johnny Darter	D	I	C	12	9.00	2.31	0.01	0.06	0.83
Greenside Darter	D	I	S M	15	11.25	2.88	0.07	0.55	5.80
Rainbow Darter	D	I	S M	59	44.25	11.35	0.10	0.86	2.31
Orangethroat Darter	D	I	S	12	9.00	2.31	0.02	0.17	2.25
Fantail Darter	D	I	C	1	0.75	0.19	0.00	0.01	2.00
<i>Mile Total</i>				520	390.00		11.81		
<i>Number of Species</i>				25					
<i>Number of Hybrids</i>				2					

Species List

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River Code: 02-423	Stream: Otter Creek	Sample Date: 2003
River Mile: 1.10	Location:	Date Range: 08/14/2003
Time Fished: 1691 sec	Drainage: 8.3 sq mi	
Dist Fished: 0.15 km	Basin: Scioto 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
Grass Pickerel		P	M	P	10	20.00	1.17	0.26	3.02	13.00
White Sucker	W	O	S	T	29	58.00	3.38	1.65	19.14	28.45
Creek Chub	N	G	N	T	52	104.00	6.07	1.90	22.04	18.27
Rosefin Shiner	N	I	S	M	18	36.00	2.10	0.09	0.99	2.35
Striped Shiner	N	I	S		44	88.00	5.13	0.71	8.23	8.07
Sand Shiner	N	I	M	M	3	6.00	0.35	0.01	0.07	1.00
Bluntnose Minnow	N	O	C	T	457	914.00	53.33	1.53	17.77	1.68
Yellow Bullhead		I	C	T	1	2.00	0.12	0.11	1.28	55.00
Blackstripe Topminnow		I	M		27	54.00	3.15	0.15	1.70	2.73
Rock Bass	S	C	C		15	30.00	1.75	1.14	13.22	38.00
Smallmouth Bass	F	C	C	M	1	2.00	0.12	0.03	0.35	15.00
Largemouth Bass	F	C	C		1	2.00	0.12	0.01	0.12	5.00
Green Sunfish	S	I	C	T	3	6.00	0.35	0.14	1.62	23.33
Bluegill Sunfish	S	I	C	P	4	8.00	0.47	0.08	0.93	10.00
Longear Sunfish	S	I	C	M	8	16.00	0.93	0.11	1.28	6.88
Johnny Darter	D	I	C		89	178.00	10.39	0.31	3.64	1.76
Greenside Darter	D	I	S	M	1	2.00	0.12	0.04	0.46	20.00
Rainbow Darter	D	I	S	M	19	38.00	2.22	0.13	1.47	3.33
Orangethroat Darter	D	I	S		72	144.00	8.40	0.22	2.55	1.53
Fantail Darter	D	I	C		3	6.00	0.35	0.01	0.14	2.00
<i>Mile Total</i>					857	1,714.00		8.62		
<i>Number of Species</i>					20					
<i>Number of Hybrids</i>					0					

Species List

River Code: 02-425	Stream: Flat Run	Sample Date: 2003
River Mile: 12.60	Location:	Date Range: 08/14/2003
Time Fished: 3890 sec	Drainage: 8.9 sq mi	Thru: 09/16/2003
Dist Fished: 0.35 km	Basin: Scioto River	Sampler Type: D E
	No of Passes: 2	

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	0.75	0.06			
White Sucker	W	O	S	T	17	16.00	1.21	0.45	5.03	17.31
Blacknose Dace	N	G	S	T	196	164.25	12.42	0.40	4.51	2.92
Creek Chub	N	G	N	T	233	221.00	16.71	3.66	40.88	9.88
Striped Shiner	N	I	S		24	22.25	1.68	0.57	6.42	16.88
Silverjaw Minnow	N	I	M		3	2.25	0.17			
Bluntnose Minnow	N	O	C	T	293	251.00	18.98	0.40	4.43	1.58
Central Stoneroller	N	H	N		225	198.75	15.03	1.73	19.34	7.21
Yellow Bullhead		I	C	T	3	2.75	0.21	0.45	5.03	112.50
Rock Bass	S	C	C		3	2.75	0.21	0.44	4.92	110.00
Green Sunfish	S	I	C	T	3	2.75	0.21	0.20	2.24	50.00
Johnny Darter	D	I	C		90	75.25	5.69	0.10	1.12	1.61
Greenside Darter	D	I	S	M	70	58.50	4.42	0.18	2.01	3.75
Rainbow Darter	D	I	S	M	186	153.50	11.61	0.20	2.24	1.79
Fantail Darter	D	I	C		183	150.50	11.38	0.16	1.82	1.54
<i>Mile Total</i>					1,530	1,322.25		8.94		
<i>Number of Species</i>					15					
<i>Number of Hybrids</i>					0					

River Code: 02-425	Stream: Flat Run	Sample Date: 2003
River Mile: 7.30	Location:	Date Range: 08/14/2003
Time Fished: 5700 sec	Drainage: 14.4 sq mi	Thru: 09/16/2003
Dist Fished: 0.40 km	Basin: Scioto River	No of Passes: 2
		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
Northern Hog Sucker	R	I	S M	7	5.25	0.48	0.86	6.53	163.14
White Sucker	W	O	S T	76	57.00	5.17	4.08	31.08	71.55
Blacknose Dace	N	G	S T	4	3.00	0.27	0.01	0.04	1.75
Creek Chub	N	G	N T	288	216.00	19.61	5.41	41.22	25.04
Silver Shiner	N	I	S I	7	5.25	0.48	0.04	0.31	7.71
Redfin Shiner	N	I	N	16	12.00	1.09	0.04	0.32	3.44
Rosefin Shiner	N	I	S M	30	22.50	2.04	0.05	0.34	2.00
Striped Shiner	N	I	S	37	27.75	2.52	0.41	3.13	14.79
Silverjaw Minnow	N	I	M	2	1.50	0.14	0.00	0.03	2.50
Bluntnose Minnow	N	O	C T	307	230.25	20.90	0.36	2.75	1.57
Central Stoneroller	N	H	N	21	15.75	1.43	0.10	0.77	6.43
Yellow Bullhead		I	C T	8	6.00	0.54	0.37	2.81	61.50
White Crappie	S	I	C	5	3.75	0.34	0.17	1.31	46.00
Rock Bass	S	C	C	39	29.25	2.65	0.29	2.18	9.77
Smallmouth Bass	F	C	C M	1	0.75	0.07	0.04	0.27	48.00
Largemouth Bass	F	C	C	19	14.25	1.29	0.03	0.26	2.42
Green Sunfish	S	I	C T	5	3.75	0.34	0.07	0.51	18.00
Bluegill Sunfish	S	I	C P	7	5.25	0.48	0.06	0.49	12.14
Longear Sunfish	S	I	C M	100	75.00	6.81	0.15	1.15	2.02
Bluegill X Orangespot				1	0.75	0.07	0.03	0.23	40.00
Johnny Darter	D	I	C	89	66.75	6.06	0.10	0.73	1.44
Greenside Darter	D	I	S M	8	6.00	0.54	0.02	0.17	3.75
Banded Darter	D	I	S I	2	1.50	0.14	0.00	0.03	3.00
Rainbow Darter	D	I	S M	298	223.50	20.29	0.32	2.45	1.44
Orangethroat Darter	D	I	S	32	24.00	2.18	0.04	0.32	1.72
Fantail Darter	D	I	C	60	45.00	4.08	0.07	0.56	1.63
<i>Mile Total</i>				1,469	1,101.75		13.12		
<i>Number of Species</i>				25					
<i>Number of Hybrids</i>				1					

River Code: 02-425	Stream: Flat Run	Sample Date: 2003
River Mile: 0.60	Location:	Date Range: 08/14/2003
Time Fished: 4940 sec	Drainage: 40.9 sq mi	Thru: 09/17/2003
Dist Fished: 0.40 km	Basin: Scioto River	No of Passes: 2
		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
Grass Pickerel		P	M P	25	18.75	3.03	0.57	3.54	30.17
Golden Redhorse	R	I	S M	19	14.25	2.31	2.34	14.65	164.16
Northern Hog Sucker	R	I	S M	25	18.75	3.03	3.04	19.07	162.35
White Sucker	W	O	S T	8	6.00	0.97	1.54	9.64	256.44
Creek Chub	N	G	N T	2	1.50	0.24	0.09	0.54	57.00
Silver Shiner	N	I	S I	1	0.75	0.12	0.01	0.04	8.00
Redfin Shiner	N	I	N	4	3.00	0.49	0.00	0.02	1.00
Rosefin Shiner	N	I	S M	27	20.25	3.28	0.03	0.18	1.37
Striped Shiner	N	I	S	34	25.50	4.13	0.54	3.37	21.09
Spotfin Shiner	N	I	M	2	1.50	0.24	0.01	0.04	4.00
Sand Shiner	N	I	M M	30	22.50	3.64	0.05	0.29	2.04
Bluntnose Minnow	N	O	C T	98	73.50	11.89	0.15	0.91	1.98
Redfin Sh X Rosefin Sh		I		10	7.50	1.21	0.02	0.11	2.30
Stonecat Madtom		I	C I	1	0.75	0.12	0.08	0.52	110.00
Rock Bass	S	C	C	83	62.25	10.07	4.27	26.73	68.57
Smallmouth Bass	F	C	C M	4	3.00	0.49	1.42	8.88	472.50
Green Sunfish	S	I	C T	27	20.25	3.28	0.27	1.66	13.11
Bluegill Sunfish	S	I	C P	7	5.25	0.85	0.03	0.21	6.43
Longear Sunfish	S	I	C M	150	112.50	18.20	0.94	5.86	8.31
Blackside Darter	D	I	S	1	0.75	0.12	0.02	0.09	20.00
Logperch	D	I	S M	7	5.25	0.85	0.09	0.54	16.57
Johnny Darter	D	I	C	18	13.50	2.18	0.02	0.13	1.52
Greenside Darter	D	I	S M	55	41.25	6.67	0.17	1.05	4.07
Banded Darter	D	I	S I	126	94.50	15.29	0.19	1.19	2.01
Rainbow Darter	D	I	S M	26	19.50	3.16	0.04	0.27	2.18
Orangethroat Darter	D	I	S	11	8.25	1.33	0.03	0.18	3.58
Fantail Darter	D	I	C	23	17.25	2.79	0.05	0.31	2.81
<i>Mile Total</i>				824	618.00		15.97		
<i>Number of Species</i>				26					
<i>Number of Hybrids</i>				1					

River Code: 02-426	Stream: Thorn Run	Sample Date: 2003
River Mile: 1.10	Location:	Date Range: 08/19/2003
Time Fished: 1593 sec	Drainage: 9.3 sq mi	
Dist Fished: 0.15 km	Basin: Scioto 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
Grass Pickerel		P	M	P	7	14.00	1.13			
Northern Hog Sucker	R	I	S	M	1	2.00	0.16			
White Sucker	W	O	S	T	17	34.00	2.73			
Creek Chub	N	G	N	T	40	80.00	6.43			
Rosefin Shiner	N	I	S	M	1	2.00	0.16			
Striped Shiner	N	I	S		4	8.00	0.64			
Sand Shiner	N	I	M	M	2	4.00	0.32			
Bluntnose Minnow	N	O	C	T	205	410.00	32.96			
Central Stoneroller	N	H	N		15	30.00	2.41			
Blackstripe Topminnow		I	M		40	80.00	6.43			
Rock Bass	S	C	C		3	6.00	0.48			
Largemouth Bass	F	C	C		4	8.00	0.64			
Green Sunfish	S	I	C	T	17	34.00	2.73			
Bluegill Sunfish	S	I	C	P	12	24.00	1.93			
Longear Sunfish	S	I	C	M	13	26.00	2.09			
Johnny Darter	D	I	C		36	72.00	5.79			
Banded Darter	D	I	S	I	4	8.00	0.64			
Rainbow Darter	D	I	S	M	4	8.00	0.64			
Orangethroat Darter	D	I	S		175	350.00	28.14			
Fantail Darter	D	I	C		22	44.00	3.54			
<i>Mile Total</i>					622	1,244.00				
<i>Number of Species</i>					20					
<i>Number of Hybrids</i>					0					

Species List

River Code: 02-429	Stream: Mud Run	Sample Date: 2003
River Mile: 6.70	Location: Monnet Chapel Rd.	Date Range: 08/12/2003
Time Fished: 1620 sec	Drainage: 7.7 sq mi	
Dist Fished: 0.15 km	Basin: Scioto 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	2.00	0.20			
Grass Pickerel		P	M	P	7	14.00	1.41			
Common Carp	G	O	M	T	2	4.00	0.40			
Creek Chub	N	G	N	T	76	152.00	15.35			
Redfin Shiner	N	I	N		6	12.00	1.21			
Rosefin Shiner	N	I	S	M	2	4.00	0.40			
Striped Shiner	N	I	S		18	36.00	3.64			
Bluntnose Minnow	N	O	C	T	172	344.00	34.75			
Redfin Sh X Rosefin Sh		I			1	2.00	0.20			
Yellow Bullhead		I	C	T	13	26.00	2.63			
Blackstripe Topminnow		I	M		50	100.00	10.10			
Largemouth Bass	F	C	C		5	10.00	1.01			
Green Sunfish	S	I	C	T	8	16.00	1.62			
Bluegill Sunfish	S	I	C	P	1	2.00	0.20			
Longear Sunfish	S	I	C	M	112	224.00	22.63			
Johnny Darter	D	I	C		21	42.00	4.24			
<i>Mile Total</i>					495	990.00				
<i>Number of Species</i>					15					
<i>Number of Hybrids</i>					1					

River Code: 02-429	Stream: Mud Run	Sample Date: 2003
River Mile: 2.70	Location: Morral-Kirkpatrick Rd.	Date Range: 08/12/2003
Time Fished: 2280 sec	Drainage: 17.0 sq mi	
Dist Fished: 0.15 km	Basin: Scioto 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	7	14.00	1.28	0.40	2.83	28.57
Grass Pickerel		P	M P	16	32.00	2.92	0.94	6.65	29.38
Northern Hog Sucker	R	I	S M	1	2.00	0.18	0.24	1.70	120.00
White Sucker	W	O	S T	18	36.00	3.28	2.75	19.47	76.47
Creek Chub	N	G	N T	45	90.00	8.21	4.29	30.30	47.62
Rosefin Shiner	N	I	S M	24	48.00	4.38	0.08	0.57	1.67
Striped Shiner	N	I	S	29	58.00	5.29	0.82	5.77	14.07
Sand Shiner	N	I	M M	7	14.00	1.28	0.02	0.14	1.43
Bluntnose Minnow	N	O	C T	26	52.00	4.74	0.07	0.49	1.35
Yellow Bullhead		I	C T	58	116.00	10.58	0.25	1.80	2.19
Blackstripe Topminnow		I	M	28	56.00	5.11	0.09	0.64	1.61
Largemouth Bass	F	C	C	3	6.00	0.55	0.20	1.41	33.33
Green Sunfish	S	I	C T	21	42.00	3.83	0.38	2.67	9.00
Bluegill Sunfish	S	I	C P	1	2.00	0.18	0.01	0.07	5.00
Longear Sunfish	S	I	C M	262	524.00	47.81	3.57	25.26	6.82
Blackside Darter	D	I	S	1	2.00	0.18	0.02	0.17	12.00
Johnny Darter	D	I	C	1	2.00	0.18	0.01	0.07	5.00
<i>Mile Total</i>				548	1,096.00		14.14		
<i>Number of Species</i>				17					
<i>Number of Hybrids</i>				0					

Species List

River Code: 02-432	Stream: Riffle Creek	Sample Date: 2003
River Mile: 4.40	Location: Edison Rd.	Date Range: 08/13/2003
Time Fished: 1500 sec	Drainage: 10.2 sq mi	
Dist Fished: 0.15 km	Basin: Scioto 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
Grass Pickerel		P	M	P	6	12.00	2.07			
White Sucker	W	O	S	T	22	44.00	7.59			
Common Carp	G	O	M	T	29	58.00	10.00			
Golden Shiner	N	I	M	T	14	28.00	4.83			
Creek Chub	N	G	N	T	61	122.00	21.03			
Striped Shiner	N	I	S		5	10.00	1.72			
Bluntnose Minnow	N	O	C	T	106	212.00	36.55			
Yellow Bullhead		I	C	T	15	30.00	5.17			
Rock Bass	S	C	C		1	2.00	0.34			
Green Sunfish	S	I	C	T	22	44.00	7.59			
Bluegill Sunfish	S	I	C	P	2	4.00	0.69			
Blackside Darter	D	I	S		3	6.00	1.03			
Logperch	D	I	S	M	3	6.00	1.03			
Johnny Darter	D	I	C		1	2.00	0.34			
<i>Mile Total</i>					290	580.00				
<i>Number of Species</i>					14					
<i>Number of Hybrids</i>					0					

Species List

River Code: 02-432	Stream: Riffle Creek	Sample Date: 2003
River Mile: 1.40	Location: Firstenberger Rd.	Date Range: 08/13/2003
Time Fished: 3334 sec	Drainage: 15.8 sq mi	Thru: 09/18/2003
Dist Fished: 0.30 km	Basin: Scioto River	Sampler Type: E
	No of Passes: 2	

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	1.00	0.26			
Grass Pickerel		P	M	P	6	6.00	1.59			
White Sucker	W	O	S	T	43	43.00	11.38			
Common Carp	G	O	M	T	23	23.00	6.08			
Creek Chub	N	G	N	T	43	43.00	11.38			
Striped Shiner	N	I	S		15	15.00	3.97			
Spotfin Shiner	N	I	M		2	2.00	0.53			
Bluntnose Minnow	N	O	C	T	141	141.00	37.30			
Central Stoneroller	N	H	N		1	1.00	0.26			
Yellow Bullhead		I	C	T	7	7.00	1.85			
Blackstripe Topminnow		I	M		3	3.00	0.79			
White Crappie	S	I	C		3	3.00	0.79			
Rock Bass	S	C	C		3	3.00	0.79			
Green Sunfish	S	I	C	T	16	16.00	4.23			
Bluegill Sunfish	S	I	C	P	7	7.00	1.85			
Longear Sunfish	S	I	C	M	13	13.00	3.44			
Green Sf X Bluegill Sf					1	1.00	0.26			
Green Sf X Hybrid					2	2.00	0.53			
Logperch	D	I	S	M	1	1.00	0.26			
Johnny Darter	D	I	C		13	13.00	3.44			
Greenside Darter	D	I	S	M	1	1.00	0.26			
Rainbow Darter	D	I	S	M	5	5.00	1.32			
Orangethroat Darter	D	I	S		2	2.00	0.53			
Fantail Darter	D	I	C		26	26.00	6.88			
<i>Mile Total</i>					378	378.00				
<i>Number of Species</i>					22					
<i>Number of Hybrids</i>					2					

River Code: 02-437	Stream: Big Run	Sample Date: 2003
River Mile: 0.10	Location:	Date Range: 06/26/2003
Time Fished: 4800 sec	Drainage: 5.7 sq mi	Thru: 08/09/2003
Dist Fished: 0.28 km	Basin: Scioto River	Sampler Type: E
	No of Passes: 2	

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	1.07	0.37			
Blacknose Dace	N	G	S	T	21	22.50	7.69			
Creek Chub	N	G	N	T	119	127.50	43.59			
Spotfin Shiner	N	I	M		6	6.43	2.20			
Sand Shiner	N	I	M	M	9	9.64	3.30			
Bluntnose Minnow	N	O	C	T	10	10.71	3.66			
Central Stoneroller	N	H	N		39	41.79	14.29			
Yellow Bullhead		I	C	T	1	1.07	0.37			
Rock Bass	S	C	C		1	1.07	0.37			
Largemouth Bass	F	C	C		1	1.07	0.37			
Green Sunfish	S	I	C	T	44	47.14	16.12			
Bluegill Sunfish	S	I	C	P	21	22.50	7.69			
<i>Mile Total</i>					273	292.50				
<i>Number of Species</i>					12					
<i>Number of Hybrids</i>					0					

Species List

River Code: 02-439	Stream: Walhalla Ravine	Sample Date: 2003
River Mile: 0.90	Location:	Date Range: 06/26/2003
Time Fished: 2700 sec	Drainage: 0.4 sq mi	Thru: 09/08/2003
Dist Fished: 0.28 km	Basin: Scioto River	Sampler Type: E
	No of Passes: 2	

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	9	9.00	100.00			
No Fish					0	0.00	0.00			
					<i>Mile Total</i>	9	9.00			
					<i>Number of Species</i>	1				
					<i>Number of Hybrids</i>	0				

River Code: 02-450	Stream: Whetstone Creek	Sample Date: 2003
River Mile: 30.50	Location:	Date Range: 08/19/2003
Time Fished: 5539 sec	Drainage: 7.5 sq mi	Thru: 10/06/2003
Dist Fished: 0.33 km	Basin: Scioto River	No of Passes: 2
		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	10	9.00	0.58	0.78	7.98	78.00
White Sucker	W	O	S	T	35	33.00	2.12	0.83	8.52	41.67
Golden Shiner	N	I	M	T	19	19.00	1.22			
Blacknose Dace	N	G	S	T	6	5.67	0.36	0.02	0.20	6.00
Creek Chub	N	G	N	T	356	313.33	20.13	3.00	30.70	7.03
Redside Dace	N	I	S	I	3	3.00	0.19			
Rosefin Shiner	N	I	S	M	1	0.83	0.05	0.01	0.13	8.00
Striped Shiner	N	I	S		49	45.50	2.92	0.67	6.82	19.05
Silverjaw Minnow	N	I	M		9	7.67	0.49	0.05	0.51	3.75
Bluntnose Minnow	N	O	C	T	538	505.33	32.46	1.10	11.25	3.36
Central Stoneroller	N	H	N		262	245.50	15.77	1.26	12.88	7.63
Yellow Bullhead		I	C	T	32	31.83	2.04	0.15	1.53	90.00
Smallmouth Bass	F	C	C	M	3	2.83	0.18	0.10	1.02	60.00
Largemouth Bass	F	C	C		28	25.67	1.65	0.78	8.01	33.57
Green Sunfish	S	I	C	T	31	29.00	1.86	0.20	2.05	10.00
Bluegill Sunfish	S	I	C	P	99	97.83	6.28	0.12	1.20	10.00
Orangespotted Sunfish	S	I	C		6	5.00	0.32	0.11	1.13	11.00
Pumpkinseed Sunfish	S	I	C	P	1	1.00	0.06			
Green Sf X Bluegill Sf					2	2.00	0.13			
Green Sf X Hybrid					1	0.83	0.05	0.03	0.26	15.00
Hybrid X Sunfish					5	4.17	0.27	0.09	0.94	11.00
Blackside Darter	D	I	S		1	1.00	0.06			
Johnny Darter	D	I	C		6	5.17	0.33	0.03	0.34	4.00
Greenside Darter	D	I	S	M	80	77.67	4.99	0.15	1.53	6.43
Rainbow Darter	D	I	S	M	9	8.17	0.52	0.04	0.43	5.00
Fantail Darter	D	I	C		24	20.67	1.33	0.08	0.85	2.50
Mottled Sculpin		I	C		61	56.17	3.61	0.17	1.71	3.45
<i>Mile Total</i>					1,677	1,556.83		9.77		
<i>Number of Species</i>					24					
<i>Number of Hybrids</i>					3					

Species List

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River Code: 02-450	Stream: Whetstone Creek	Sample Date: 2003
River Mile: 29.30	Location:	Date Range: 08/19/2003
Time Fished: 4819 sec	Drainage: 8.4 sq mi	Thru: 10/02/2003
Dist Fished: 0.40 km	Basin: Scioto River	Sampler Type: D E
	No of Passes: 2	

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Grass Pickerel		P	M P	12	9.00	1.11	0.12	1.10	16.00
Northern Hog Sucker	R	I	S M	1	0.75	0.09	0.26	2.33	170.00
White Sucker	W	O	S T	53	39.75	4.91	4.28	39.05	83.82
Common Carp	G	O	M T	1	0.75	0.09	0.80	7.26	530.00
Blacknose Dace	N	G	S T	7	5.25	0.65	0.02	0.21	5.00
Creek Chub	N	G	N T	81	60.75	7.51	1.13	10.28	21.43
Silver Shiner	N	I	S I	1	0.75	0.09	0.02	0.21	15.00
Rosefin Shiner	N	I	S M	27	20.25	2.50	0.07	0.66	3.21
Striped Shiner	N	I	S	76	57.00	7.04	0.09	0.82	2.40
Spotfin Shiner	N	I	M	1	0.75	0.09	0.01	0.05	3.00
Silverjaw Minnow	N	I	M	17	12.75	1.58	0.07	0.60	4.00
Bluntnose Minnow	N	O	C T	379	284.25	35.13	1.12	10.21	2.99
Central Stoneroller	N	H	N	52	39.00	4.82	1.52	13.87	25.95
Rock Bass	S	C	C	23	17.25	2.13	0.64	5.83	53.13
Largemouth Bass	F	C	C	10	7.50	0.93	0.08	0.69	7.14
Green Sunfish	S	I	C T	7	5.25	0.65	0.05	0.41	30.00
Bluegill Sunfish	S	I	C P	9	6.75	0.83	0.05	0.41	10.00
Pumpkinseed Sunfish	S	I	C P	5	3.75	0.46	0.05	0.41	10.00
Green Sf X Longear Sf				1	0.75	0.09			
Blackside Darter	D	I	S	10	7.50	0.93	0.01	0.11	2.00
Johnny Darter	D	I	C	85	63.75	7.88	0.04	0.33	1.33
Greenside Darter	D	I	S M	35	26.25	3.24	0.20	1.78	3.71
Rainbow Darter	D	I	S M	87	65.25	8.06	0.14	1.23	3.33
Fantail Darter	D	I	C	27	20.25	2.50	0.02	0.14	2.00
Mottled Sculpin		I	C	72	54.00	6.67	0.22	2.05	4.14
<i>Mile Total</i>				1,079	809.25		10.95		
<i>Number of Species</i>				24					
<i>Number of Hybrids</i>				1					

Species List

River Code: 02-450	Stream: Whetstone Creek	Sample Date: 2003
River Mile: 28.10	Location:	Date Range: 08/20/2003
Time Fished: 4393 sec	Drainage: 19.0 sq mi	Thru: 10/02/2003
Dist Fished: 0.40 km	Basin: Scioto River	No of Passes: 2
		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
Least Brook Lamprey		F	N	5	3.75	0.59	0.04	0.19	10.00
Grass Pickerel		P	M P	3	2.25	0.36	0.15	0.78	66.67
Northern Hog Sucker	R	I	S M	14	10.50	1.66	1.05	5.44	100.00
White Sucker	W	O	S T	110	82.50	13.06	8.36	43.27	101.33
Common Carp	G	O	M T	2	1.50	0.24	3.53	18.25	2,350.00
Blacknose Dace	N	G	S T	6	4.50	0.71	0.02	0.08	3.33
Creek Chub	N	G	N T	94	70.50	11.16	2.04	10.58	28.98
Silver Shiner	N	I	S I	3	2.25	0.36	0.02	0.12	10.00
Rosefin Shiner	N	I	S M	1	0.75	0.12	0.00	0.02	5.00
Striped Shiner	N	I	S	95	71.25	11.28	1.25	6.48	17.58
Spotfin Shiner	N	I	M	1	0.75	0.12	0.01	0.04	10.00
Silverjaw Minnow	N	I	M	30	22.50	3.56	0.09	0.46	3.93
Bluntnose Minnow	N	O	C T	191	143.25	22.68	0.45	2.34	3.16
Central Stoneroller	N	H	N	73	54.75	8.67	0.36	1.86	6.56
Redfin Sh X Rosefin Sh		I		1	0.75	0.12	0.00	0.02	5.00
Yellow Bullhead		I	C T	5	3.75	0.59	0.48	2.47	127.00
White Crappie	S	I	C	1	0.75	0.12	0.08	0.39	100.00
Rock Bass	S	C	C	17	12.75	2.02	0.71	3.66	55.47
Largemouth Bass	F	C	C	6	4.50	0.71	0.11	0.57	24.50
Green Sunfish	S	I	C T	1	0.75	0.12	0.01	0.04	10.00
Bluegill Sunfish	S	I	C P	9	6.75	1.07	0.07	0.35	10.00
Green Sf X Hybrid				1	0.75	0.12	0.01	0.06	15.00
Hybrid X Sunfish				1	0.75	0.12	0.02	0.10	25.00
Logperch	D	I	S M	1	0.75	0.12	0.01	0.06	15.00
Johnny Darter	D	I	C	19	14.25	2.26	0.03	0.16	2.22
Greenside Darter	D	I	S M	29	21.75	3.44	0.13	0.65	5.83
Rainbow Darter	D	I	S M	39	29.25	4.63	0.07	0.34	2.25
Fantail Darter	D	I	C	6	4.50	0.71	0.03	0.14	6.22
Mottled Sculpin		I	C	78	58.50	9.26	0.21	1.09	3.59
<i>Mile Total</i>				842	631.50		19.32		
<i>Number of Species</i>				26					
<i>Number of Hybrids</i>				3					

Species List

River Code: 02-450	Stream: Whetstone Creek	Sample Date: 2003
River Mile: 25.50	Location:	Date Range: 08/20/2003
Time Fished: 6300 sec	Drainage: 26.0 sq mi	Thru: 10/06/2003
Dist Fished: 0.35 km	Basin: Scioto River	No of Passes: 2
		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	20	17.25	2.13	1.17	13.60	70.91
White Sucker	W	O	S	T	34	34.00	4.20			
Blacknose Dace	N	G	S	T	12	10.25	1.27	0.03	0.38	3.14
Creek Chub	N	G	N	T	82	75.75	9.37	0.97	11.26	25.83
Silver Shiner	N	I	S	I	3	3.00	0.37			
Rosefin Shiner	N	I	S	M	22	22.00	2.72			
Striped Shiner	N	I	S		36	33.75	4.17	0.32	3.66	23.33
Spotfin Shiner	N	I	M		3	2.25	0.28	0.03	0.38	7.33
Bluntnose Minnow	N	O	C	T	117	111.00	13.72	0.11	1.23	2.95
Central Stoneroller	N	H	N		147	131.00	16.20	1.18	13.72	12.30
Yellow Bullhead		I	C	T	7	6.25	0.77	0.38	4.45	85.00
Blackstripe Topminnow		I	M		1	1.00	0.12			
Rock Bass	S	C	C		53	48.75	6.03	1.58	18.31	61.76
Smallmouth Bass	F	C	C	M	19	15.75	1.95	1.28	14.82	65.38
Largemouth Bass	F	C	C		4	3.75	0.46	0.02	0.27	15.00
Green Sunfish	S	I	C	T	13	12.00	1.48	0.06	0.70	10.00
Bluegill Sunfish	S	I	C	P	50	43.00	5.32	0.53	6.10	12.50
Longear Sunfish	S	I	C	M	1	0.75	0.09	0.04	0.44	25.00
Green Sf X Bluegill Sf					1	0.75	0.09	0.05	0.62	35.00
Green Sf X Hybrid					1	1.00	0.12			
Hybrid X Sunfish					1	0.75	0.09	0.04	0.44	25.00
Logperch	D	I	S	M	5	4.75	0.59	0.03	0.31	18.00
Johnny Darter	D	I	C		27	22.00	2.72	0.05	0.62	1.75
Greenside Darter	D	I	S	M	89	80.50	9.95	0.19	2.23	3.76
Banded Darter	D	I	S	I	10	9.50	1.17	0.02	0.21	6.00
Rainbow Darter	D	I	S	M	64	54.00	6.68	0.17	1.92	2.75
Fantail Darter	D	I	C		45	39.50	4.88	0.09	1.05	2.73
Mottled Sculpin		I	C		32	24.50	3.03	0.29	3.31	6.33
<i>Mile Total</i>					899	808.75		8.60		
<i>Number of Species</i>					25					
<i>Number of Hybrids</i>					3					

Species List

River Code: 02-450	Stream: Whetstone Creek	Sample Date: 2003
River Mile: 22.40	Location:	Date Range: 08/25/2003
Time Fished: 4340 sec	Drainage: 34.0 sq mi	Thru: 10/01/2003
Dist Fished: 0.40 km	Basin: Scioto River	Sampler Type: E D
	No of Passes: 2	

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight	
Black Redhorse	R	I	S	I	1	0.75	0.11	0.16	0.92	215.00
Golden Redhorse	R	I	S	M	2	1.50	0.22	0.33	1.86	217.50
Northern Hog Sucker	R	I	S	M	105	78.75	11.81	4.56	25.99	57.95
White Sucker	W	O	S	T	18	13.50	2.02	1.52	8.68	112.89
Creek Chub	N	G	N	T	11	8.25	1.24	0.25	1.41	30.10
Silver Shiner	N	I	S	I	15	11.25	1.69	0.09	0.54	8.40
Rosefin Shiner	N	I	S	M	25	18.75	2.81	0.05	0.30	2.80
Striped Shiner	N	I	S		155	116.25	17.44	2.42	13.79	20.82
Spotfin Shiner	N	I	M		2	1.50	0.22	0.01	0.03	3.50
Silverjaw Minnow	N	I	M		1	0.75	0.11	0.00	0.01	3.00
Bluntnose Minnow	N	O	C	T	54	40.50	6.07	0.16	0.93	4.01
Central Stoneroller	N	H	N		221	165.75	24.86	3.24	18.43	19.52
Yellow Bullhead		I	C	T	14	10.50	1.57	0.69	3.91	65.36
Blackstripe Topminnow		I	M		3	2.25	0.34	0.01	0.04	3.33
Brook Silverside		I	M	M	4	3.00	0.45	0.01	0.05	3.00
Rock Bass	S	C	C		32	24.00	3.60	1.21	6.90	50.49
Smallmouth Bass	F	C	C	M	22	16.50	2.47	1.83	10.42	110.86
Largemouth Bass	F	C	C		2	1.50	0.22	0.02	0.13	14.50
Green Sunfish	S	I	C	T	7	5.25	0.79	0.17	0.94	31.43
Bluegill Sunfish	S	I	C	P	32	24.00	3.60	0.26	1.49	10.88
Longear Sunfish	S	I	C	M	3	2.25	0.34	0.02	0.12	9.33
Green Sf X Longear Sf					1	0.75	0.11	0.03	0.19	45.00
Green Sf X Hybrid					2	1.50	0.22	0.06	0.34	40.00
Greenside Darter	D	I	S	M	36	27.00	4.05	0.14	0.79	5.11
Banded Darter	D	I	S	I	8	6.00	0.90	0.02	0.09	2.50
Rainbow Darter	D	I	S	M	55	41.25	6.19	0.11	0.64	2.74
Fantail Darter	D	I	C		23	17.25	2.59	0.04	0.25	2.57
Mottled Sculpin		I	C		35	26.25	3.94	0.15	0.85	5.67
<i>Mile Total</i>					889	666.75		17.56		
<i>Number of Species</i>					26					
<i>Number of Hybrids</i>					2					

River Code: 02-450	Stream: Whetstone Creek	Sample Date: 2003
River Mile: 21.70	Location: upst. Mt. Gilead WWTP	Date Range: 08/26/2003
Time Fished: 1807 sec	Drainage: 35.0 sq mi	Thru: 10/01/2003
Dist Fished: 0.35 km	Basin: Scioto River	Sampler Type: E D
	No of Passes: 2	

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	1.50	0.16	0.20	1.51	135.00
Northern Hog Sucker	R	I	S M	84	72.00	7.64	3.81	28.38	56.03
White Sucker	W	O	S T	2	1.50	0.16	0.06	0.45	40.00
Common Carp	G	O	M T	1	0.75	0.08	0.02	0.11	20.00
Creek Chub	N	G	N T	32	30.00	3.18	0.79	5.84	27.29
Silver Shiner	N	I	S I	2	1.50	0.16	0.01	0.11	9.50
Rosefin Shiner	N	I	S M	3	3.00	0.32	0.01	0.07	3.33
Striped Shiner	N	I	S	255	225.50	23.92	2.91	21.63	13.37
Spotfin Shiner	N	I	M	6	5.50	0.58	0.04	0.31	7.00
Silverjaw Minnow	N	I	M	6	6.00	0.64	0.04	0.28	6.33
Bluntnose Minnow	N	O	C T	102	93.50	9.92	0.38	2.85	4.01
Central Stoneroller	N	H	N	371	344.00	36.49	3.27	24.35	9.44
Yellow Bullhead		I	C T	12	11.25	1.19	0.36	2.66	35.17
Rock Bass	S	C	C	18	16.50	1.75	0.69	5.11	39.28
Smallmouth Bass	F	C	C M	3	2.75	0.29	0.08	0.61	27.67
Largemouth Bass	F	C	C	2	1.50	0.16	0.03	0.22	20.00
Green Sunfish	S	I	C T	11	10.25	1.09	0.12	0.87	11.09
Bluegill Sunfish	S	I	C P	22	18.25	1.94	0.18	1.32	9.73
Orangespotted Sunfish	S	I	C	1	0.75	0.08	0.00	0.02	3.00
Green Sf X Hybrid				2	2.00	0.21	0.03	0.25	17.00
Johnny Darter	D	I	C	2	1.50	0.16	0.00	0.02	2.00
Greenside Darter	D	I	S M	25	23.75	2.52	0.12	0.88	4.88
Banded Darter	D	I	S I	4	3.75	0.40	0.01	0.05	1.75
Rainbow Darter	D	I	S M	29	24.25	2.57	0.06	0.44	2.28
Fantail Darter	D	I	C	4	3.50	0.37	0.01	0.09	3.00
Mottled Sculpin		I	C	42	38.00	4.03	0.21	1.57	5.41
<i>Mile Total</i>				1,043	942.75		13.44		
<i>Number of Species</i>				25					
<i>Number of Hybrids</i>				1					

Species List

River Code: 02-450 River Mile: 21.57 Time Fished: 730 sec Dist Fished: 0.06 km	Stream: Whetstone Creek Location: Mt. Gilead WWTP mixing zone Drainage: 36.0 sq mi Basin: Scioto River	Sample Date: 2003 Date Range: 08/26/2003 Thru: 10/01/2003 Sampler Type: E D
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Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Blacknose Dace	N	G	S	T	3	15.00	3.61			
Creek Chub	N	G	N	T	2	10.00	2.41	0.06	4.98	3.00
Bluntnose Minnow	N	O	C	T	2	10.00	2.41			
Central Stoneroller	N	H	N		5	25.00	6.02	0.10	8.30	2.50
Greenside Darter	D	I	S	M	4	20.00	4.82	0.20	16.60	6.67
Banded Darter	D	I	S	I	1	5.00	1.20	0.02	1.66	2.00
Rainbow Darter	D	I	S	M	31	155.00	37.35	0.31	25.73	3.44
Fantail Darter	D	I	C		2	10.00	2.41	0.02	1.66	2.00
Mottled Sculpin		I	C		33	165.00	39.76	0.50	41.08	5.50
<i>Mile Total</i>					83	415.00		1.21		
<i>Number of Species</i>					9					
<i>Number of Hybrids</i>					0					

River Code: 02-450	Stream: Whetstone Creek	Sample Date: 2003
River Mile: 21.50	Location: dst. Mt. Gilead WWTP	Date Range: 08/26/2003
Time Fished: 4043 sec	Drainage: 36.0 sq mi	Thru: 10/01/2003
Dist Fished: 0.35 km	Basin: Scioto River	Sampler Type: E D
	No of Passes: 2	

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	119	114.25	8.84	5.71	29.27	50.55
White Sucker	W	O	S	T	14	13.25	1.02	0.93	4.77	69.91
Creek Chub	N	G	N	T	51	47.25	3.65	1.62	8.28	34.80
Silver Shiner	N	I	S	I	12	9.00	0.70	0.05	0.27	5.91
Rosefin Shiner	N	I	S	M	6	5.50	0.43	0.02	0.12	4.17
Striped Shiner	N	I	S		295	281.00	21.73	2.64	13.54	9.23
Spotfin Shiner	N	I	M		12	11.00	0.85	0.05	0.24	4.17
Silverjaw Minnow	N	I	M		20	19.25	1.49	0.11	0.54	5.50
Bluntnose Minnow	N	O	C	T	283	263.75	20.40	1.16	5.93	4.40
Central Stoneroller	N	H	N		346	297.25	22.99	3.82	19.58	13.08
Yellow Bullhead		I	C	T	10	9.75	0.75	0.35	1.78	35.50
Rock Bass	S	C	C		32	30.75	2.38	1.62	8.31	51.56
Smallmouth Bass	F	C	C	M	9	8.00	0.62	0.46	2.34	57.22
Green Sunfish	S	I	C	T	8	6.75	0.52	0.09	0.47	11.88
Bluegill Sunfish	S	I	C	P	16	15.00	1.16	0.13	0.67	8.47
Green Sf X Bluegill Sf					1	0.75	0.06	0.02	0.08	21.00
Greenside Darter	D	I	S	M	107	104.75	8.10	0.48	2.48	4.63
Banded Darter	D	I	S	I	1	0.75	0.06	0.00	0.01	2.00
Rainbow Darter	D	I	S	M	29	29.00	2.24	0.11	0.57	3.85
Fantail Darter	D	I	C		1	0.75	0.06	0.00	0.01	2.00
Mottled Sculpin		I	C		27	25.25	1.95	0.15	0.74	5.56
<i>Mile Total</i>					1,399	1,293.00		19.51		
<i>Number of Species</i>					20					
<i>Number of Hybrids</i>					1					

Species List

River Code: 02-450	Stream: Whetstone Creek	Sample Date: 2004
River Mile: 18.20	Location:	Date Range: 06/24/2004
Time Fished: 5454 sec	Drainage: 40.0 sq mi	Thru: 08/25/2004
Dist Fished: 0.40 km	Basin: Scioto River	No of Passes: 2
		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
Central Mudminnow		I	C	T	1	0.75	0.14	0.01	0.14	10.00
Northern Hog Sucker	R	I	S	M	30	22.50	4.07	1.05	19.12	46.63
White Sucker	W	O	S	T	3	2.25	0.41	0.09	1.69	41.33
Creek Chub	N	G	N	T	7	5.25	0.95	0.08	1.50	15.71
Silver Shiner	N	I	S	I	13	9.75	1.76	0.07	1.19	6.69
Rosefin Shiner	N	I	S	M	17	12.75	2.31	0.03	0.56	2.35
Striped Shiner	N	I	S		59	44.25	8.01	0.71	12.84	15.93
Spotfin Shiner	N	I	M		5	3.75	0.68	0.02	0.42	6.00
Sand Shiner	N	I	M	M	2	1.50	0.27	0.01	0.16	6.00
Silverjaw Minnow	N	I	M		1	0.75	0.14	0.00	0.07	5.00
Bluntnose Minnow	N	O	C	T	86	64.50	11.67	0.22	3.95	3.36
Central Stoneroller	N	H	N		70	52.50	9.50	0.61	11.16	11.67
Stonecat Madtom		I	C	I	11	8.25	1.49	0.18	3.21	21.36
Rock Bass	S	C	C		44	33.00	5.97	1.29	23.53	39.16
Smallmouth Bass	F	C	C	M	3	2.25	0.41	0.02	0.39	9.33
Largemouth Bass	F	C	C		4	3.00	0.54	0.01	0.21	3.75
Green Sunfish	S	I	C	T	16	12.00	2.17	0.09	1.58	7.19
Bluegill Sunfish	S	I	C	P	13	9.75	1.76	0.05	0.87	4.85
Longear Sunfish	S	I	C	M	14	10.50	1.90	0.18	3.34	17.45
Johnny Darter	D	I	C		20	15.00	2.71	0.02	0.41	1.49
Greenside Darter	D	I	S	M	95	71.25	12.89	0.21	3.79	2.92
Banded Darter	D	I	S	I	137	102.75	18.59	0.14	2.59	1.38
Rainbow Darter	D	I	S	M	29	21.75	3.93	0.06	1.05	2.64
Fantail Darter	D	I	C		1	0.75	0.14	0.00	0.02	1.00
Mottled Sculpin		I	C		56	42.00	7.60	0.35	6.28	8.21
<i>Mile Total</i>					737	552.75		5.49		
<i>Number of Species</i>					25					
<i>Number of Hybrids</i>					0					

River Code: 02-450	Stream: Whetstone Creek	Sample Date: 2003
River Mile: 13.80	Location: upst. Cardington WWTP	Date Range: 10/01/2003
Time Fished: 1762 sec	Drainage: 49.0 sq mi	
Dist Fished: 0.20 km	Basin: Scioto 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
Northern Hog Sucker	R	I	S	M	20	30.00	10.36	3.30	31.96	110.00
White Sucker	W	O	S	T	4	6.00	2.07	2.03	19.61	337.50
Creek Chub	N	G	N	T	2	3.00	1.04	0.09	0.87	30.00
Silver Shiner	N	I	S	I	3	4.50	1.55	0.06	0.58	13.33
Striped Shiner	N	I	S		11	16.50	5.70	0.17	1.63	10.20
Spotfin Shiner	N	I	M		8	12.00	4.15	0.05	0.44	3.75
Sand Shiner	N	I	M	M	2	3.00	1.04	0.01	0.09	3.00
Bluntnose Minnow	N	O	C	T	34	51.00	17.62	0.18	1.77	3.59
Central Stoneroller	N	H	N		36	54.00	18.65	0.77	7.42	14.19
Yellow Bullhead		I	C	T	5	7.50	2.59	1.46	14.09	194.00
Blackstripe Topminnow		I	M		2	3.00	1.04	0.01	0.06	2.00
Brook Silverside		I	M	M	2	3.00	1.04	0.02	0.15	5.00
Rock Bass	S	C	C		4	6.00	2.07	0.34	3.30	56.75
Smallmouth Bass	F	C	C	M	3	4.50	1.55	1.38	13.34	306.00
Largemouth Bass	F	C	C		2	3.00	1.04	0.05	0.44	15.00
Bluegill Sunfish	S	I	C	P	4	6.00	2.07	0.03	0.32	5.50
Orangespotted Sunfish	S	I	C		1	1.50	0.52	0.02	0.17	12.00
Longear Sunfish	S	I	C	M	3	4.50	1.55	0.10	0.98	22.33
Pumpkinseed Sunfish	S	I	C	P	1	1.50	0.52	0.02	0.15	10.00
Green Sf X Bluegill Sf					1	1.50	0.52	0.05	0.46	32.00
Logperch	D	I	S	M	4	6.00	2.07	0.08	0.77	13.25
Greenside Darter	D	I	S	M	9	13.50	4.66	0.08	0.80	6.11
Banded Darter	D	I	S	I	17	25.50	8.81	0.03	0.33	1.33
Rainbow Darter	D	I	S	M	15	22.50	7.77	0.03	0.29	1.33
<i>Mile Total</i>					193	289.50		10.33		
<i>Number of Species</i>					23					
<i>Number of Hybrids</i>					1					

Species List

River Code: 02-450	Stream: Whetstone Creek	Sample Date: 2003
River Mile: 13.65	Location: Cardington WWTP mixing zone	Date Range: 08/26/2003
Time Fished: 651 sec	Drainage: 49.0 sq mi	Thru: 10/01/2003
Dist Fished: 0.06 km	Basin: Scioto River	No of Passes: 2
		Sampler Type: E 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
Northern Hog Sucker	R	I	S	M	9	45.00	6.98	2.30	28.33	51.11
White Sucker	W	O	S	T	1	5.00	0.78	0.43	5.23	85.00
Striped Shiner	N	I	S		2	10.00	1.55	0.20	2.46	20.00
Spotfin Shiner	N	I	M		7	35.00	5.43	0.10	1.23	2.86
Bluntnose Minnow	N	O	C	T	9	45.00	6.98	0.23	2.77	5.00
Central Stoneroller	N	H	N		26	130.00	20.16	0.46	5.67	3.54
Yellow Bullhead		I	C	T	6	30.00	4.65	0.45	5.54	15.00
Stonecat Madtom		I	C	I	1	5.00	0.78	0.20	2.46	40.00
Blackstripe Topminnow		I	M		2	10.00	1.55	0.06	0.74	6.00
Rock Bass	S	C	C		2	10.00	1.55	0.55	6.77	55.00
Smallmouth Bass	F	C	C	M	1	5.00	0.78	0.15	1.85	30.00
Largemouth Bass	F	C	C		3	15.00	2.33	0.20	2.46	13.33
Green Sunfish	S	I	C	T	22	110.00	17.05	0.88	10.78	7.95
Bluegill Sunfish	S	I	C	P	11	55.00	8.53	0.75	9.24	13.64
Orangespotted Sunfish	S	I	C		1	5.00	0.78	0.08	0.92	15.00
Pumpkinseed Sunfish	S	I	C	P	1	5.00	0.78	0.15	1.85	30.00
Hybrid X Sunfish					1	5.00	0.78	0.10	1.23	20.00
Logperch	D	I	S	M	9	45.00	6.98	0.48	5.85	10.56
Johnny Darter	D	I	C		1	5.00	0.78	0.02	0.18	3.00
Greenside Darter	D	I	S	M	11	55.00	8.53	0.30	3.69	5.45
Banded Darter	D	I	S	I	1	5.00	0.78	0.02	0.25	4.00
Rainbow Darter	D	I	S	M	2	10.00	1.55	0.04	0.49	4.00
<i>Mile Total</i>					129	645.00		8.12		
<i>Number of Species</i>					21					
<i>Number of Hybrids</i>					1					

Species List

River Code: 02-450	Stream: Whetstone Creek	Sample Date: 2003
River Mile: 13.50	Location: dst. Cardington WWTP	Date Range: 08/26/2003
Time Fished: 4066 sec	Drainage: 49.0 sq mi	Thru: 10/01/2003
Dist Fished: 0.35 km	Basin: Scioto River	No of Passes: 2
		Sampler Type: E 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	2	2.00	0.34	0.52	5.75	257.50
Northern Hog Sucker	R	I	S M	12	10.75	1.83	1.03	11.55	91.25
White Sucker	W	O	S T	23	21.25	3.62	3.11	34.71	145.92
Blacknose Dace	N	G	S T	1	1.00	0.17	0.01	0.06	5.00
Creek Chub	N	G	N T	21	18.75	3.19	0.13	1.50	7.91
Silver Shiner	N	I	S I	2	1.50	0.26	0.00	0.03	1.50
Striped Shiner	N	I	S	22	17.50	2.98	0.35	3.91	19.55
Spotfin Shiner	N	I	M	17	13.00	2.21	0.05	0.60	4.12
Sand Shiner	N	I	M M	6	4.50	0.77	0.01	0.08	1.67
Silverjaw Minnow	N	I	M	8	6.00	1.02	0.01	0.15	2.25
Bluntnose Minnow	N	O	C T	123	101.75	17.33	0.20	2.26	2.05
Central Stoneroller	N	H	N	81	70.50	12.01	0.28	3.08	4.27
Yellow Bullhead		I	C T	27	25.50	4.34	0.92	10.23	36.93
Stonecat Madtom		I	C I	9	8.50	1.45	0.15	1.65	17.56
Blackstripe Topminnow		I	M	2	1.50	0.26	0.01	0.10	6.00
Brook Silverside		I	M M	1	0.75	0.13	0.00	0.04	5.00
White Crappie	S	I	C	3	3.00	0.51	0.38	4.21	125.67
Rock Bass	S	C	C	9	8.00	1.36	0.13	1.42	15.89
Smallmouth Bass	F	C	C M	5	3.75	0.64	0.23	2.60	62.00
Green Sunfish	S	I	C T	83	76.00	12.95	0.52	5.84	6.96
Bluegill Sunfish	S	I	C P	17	14.25	2.43	0.11	1.19	7.29
Orangespotted Sunfish	S	I	C	7	6.00	1.02	0.15	1.65	22.14
Longear Sunfish	S	I	C M	2	1.50	0.26	0.01	0.11	6.50
Pumpkinseed Sunfish	S	I	C P	1	0.75	0.13	0.03	0.30	35.00
Green Sf X Hybrid				5	5.00	0.85	0.12	1.39	24.80
Logperch	D	I	S M	10	9.50	1.62	0.08	0.94	9.30
Johnny Darter	D	I	C	4	3.50	0.60	0.01	0.06	1.50
Greenside Darter	D	I	S M	39	36.75	6.26	0.17	1.92	4.69
Banded Darter	D	I	S I	48	44.50	7.58	0.08	0.87	1.75
Rainbow Darter	D	I	S M	73	69.75	11.88	0.16	1.83	2.36
<i>Mile Total</i>				663	587.00		8.95		
<i>Number of Species</i>				29					
<i>Number of Hybrids</i>				1					

River Code: 02-450	Stream: Whetstone Creek	Sample Date: 2004
River Mile: 9.20	Location:	Date Range: 06/24/2004
Time Fished: 7157 sec	Drainage: 62.0 sq mi	Thru: 08/25/2004
Dist Fished: 0.40 km	Basin: Scioto River	No of Passes: 2
		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
Northern Hog Sucker	R	I	S	M	16	12.00	0.99	1.78	9.24	148.50
White Sucker	W	O	S	T	9	6.75	0.56	0.96	4.98	142.14
Common Carp	G	O	M	T	2	1.50	0.12	5.63	29.17	3,750.00
Creek Chub	N	G	N	T	9	6.75	0.56	0.06	0.29	8.13
Rosefin Shiner	N	I	S	M	7	5.25	0.43	0.01	0.06	2.14
Spotfin Shiner	N	I	M		76	57.00	4.71	0.40	2.06	6.96
Sand Shiner	N	I	M	M	71	53.25	4.40	0.11	0.55	2.01
Silverjaw Minnow	N	I	M		5	3.75	0.31	0.02	0.08	4.00
Bluntnose Minnow	N	O	C	T	765	573.75	47.37	1.64	8.50	2.86
Central Stoneroller	N	H	N		282	211.50	17.46	3.61	18.73	17.08
Yellow Bullhead		I	C	T	1	0.75	0.06	0.00	0.02	5.00
Stonecat Madtom		I	C	I	23	17.25	1.42	0.75	3.87	43.26
Blackstripe Topminnow		I	M		2	1.50	0.12	0.00	0.02	2.50
Rock Bass	S	C	C		20	15.00	1.24	1.10	5.72	73.53
Smallmouth Bass	F	C	C	M	15	11.25	0.93	1.75	9.07	155.49
Largemouth Bass	F	C	C		3	2.25	0.19	0.00	0.01	1.00
Green Sunfish	S	I	C	T	18	13.50	1.11	0.08	0.42	6.00
Bluegill Sunfish	S	I	C	P	1	0.75	0.06	0.01	0.04	10.00
Longear Sunfish	S	I	C	M	15	11.25	0.93	0.28	1.45	24.87
Logperch	D	I	S	M	56	42.00	3.47	0.53	2.76	12.65
Johnny Darter	D	I	C		20	15.00	1.24	0.02	0.12	1.56
Greenside Darter	D	I	S	M	72	54.00	4.46	0.34	1.76	6.29
Banded Darter	D	I	S	I	79	59.25	4.89	0.11	0.59	1.90
Rainbow Darter	D	I	S	M	46	34.50	2.85	0.09	0.48	2.70
Fantail Darter	D	I	C		2	1.50	0.12	0.00	0.02	2.50
<i>Mile Total</i>					1,615	1,211.25		19.28		
<i>Number of Species</i>					25					
<i>Number of Hybrids</i>					0					

River Code: 02-450	Stream: Whetstone Creek	Sample Date: 2003
River Mile: 2.50	Location:	Date Range: 08/18/2003
Time Fished: 5686 sec	Drainage: 113.0 sq mi	Thru: 10/07/2003
Dist Fished: 1.00 km	Basin: Scioto 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		502	502.00	54.27	5.43	6.19	10.82
Golden Redhorse	R	I	S	M	18	18.00	1.95	10.98	12.51	610.00
Northern Hog Sucker	R	I	S	M	8	8.00	0.86	2.98	3.40	372.50
White Sucker	W	O	S	T	3	3.00	0.32	0.70	0.80	233.00
Common Carp	G	O	M	T	12	12.00	1.30	22.85	26.04	1,904.17
Rosefin Shiner	N	I	S	M	4	4.00	0.43	0.00	0.00	1.00
Spotfin Shiner	N	I	M		41	41.00	4.43	0.11	0.13	2.77
Bluntnose Minnow	N	O	C	T	60	60.00	6.49	0.11	0.13	1.83
Channel Catfish	F		C		9	9.00	0.97	8.89	10.13	987.78
Brindled Madtom		I	C	I	12	12.00	1.30	0.06	0.07	5.25
Blackstripe Topminnow		I	M		1	1.00	0.11	0.00	0.00	2.00
Brook Silverside		I	M	M	30	30.00	3.24	0.08	0.09	2.67
Striped Bass	E	P	M		1	1.00	0.11	0.01	0.01	10.00
Black Crappie	S	I	C		7	7.00	0.76	0.83	0.94	117.86
Rock Bass	S	C	C		1	1.00	0.11	0.23	0.26	226.00
Smallmouth Bass	F	C	C	M	9	9.00	0.97	1.49	1.70	165.56
Largemouth Bass	F	C	C		45	45.00	4.86	30.46	34.72	676.97
Warmouth Sunfish	S	C	C		1	1.00	0.11	0.00	0.00	2.00
Green Sunfish	S	I	C	T	19	19.00	2.05	0.26	0.30	13.89
Bluegill Sunfish	S	I	C	P	43	43.00	4.65	0.57	0.65	13.16
Orangespotted Sunfish	S	I	C		54	54.00	5.84	0.40	0.45	7.39
Longear Sunfish	S	I	C	M	2	2.00	0.22	0.07	0.08	36.50
Pumpkinseed Sunfish	S	I	C	P	9	9.00	0.97	0.20	0.22	21.67
Green Sf X Bluegill Sf					7	7.00	0.76	0.39	0.45	55.86
Green Sf X Pumpkinseed					1	1.00	0.11	0.29	0.33	288.00
Orangespot Sf X Pumpkseed					1	1.00	0.11	0.01	0.01	12.00
Green Sf X Hybrid					8	8.00	0.86	0.22	0.25	27.50
Logperch	D	I	S	M	9	9.00	0.97	0.07	0.08	8.22
Johnny Darter	D	I	C		1	1.00	0.11	0.00	0.00	1.00
Banded Darter	D	I	S	I	2	2.00	0.22	0.00	0.00	2.00
Rainbow Darter	D	I	S	M	4	4.00	0.43	0.01	0.01	3.00
Sauger X Walleye	E	P			1	1.00	0.11	0.03	0.03	30.00
<i>Mile Total</i>					925	925.00		87.75		
<i>Number of Species</i>					27					
<i>Number of Hybrids</i>					5					

River Code: 02-451	Stream: Claypool Run	Sample Date: 2003
River Mile: 1.20	Location:	Date Range: 07/02/2003
Time Fished: 5100 sec	Drainage: 3.8 sq mi	Thru: 09/11/2003
Dist Fished: 0.30 km	Basin: Scioto River	No of Passes: 2
		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		96	96.00	6.82			
White Sucker	W	O	S	T	67	67.00	4.76			
Common Carp	G	O	M	T	3	3.00	0.21			
Golden Shiner	N	I	M	T	36	36.00	2.56			
Blacknose Dace	N	G	S	T	48	48.00	3.41			
Creek Chub	N	G	N	T	520	520.00	36.93			
Redfin Shiner	N	I	N		5	5.00	0.36			
Rosefin Shiner	N	I	S	M	2	2.00	0.14			
Striped Shiner	N	I	S		15	15.00	1.07			
Spotfin Shiner	N	I	M		75	75.00	5.33			
Fathead Minnow	N	O	C	T	96	96.00	6.82			
Bluntnose Minnow	N	O	C	T	150	150.00	10.65			
Central Stoneroller	N	H	N		11	11.00	0.78			
Redfin Sh X Rosefin Sh		I			1	1.00	0.07			
Yellow Bullhead		I	C	T	3	3.00	0.21			
Blackstripe Topminnow		I	M		2	2.00	0.14			
Largemouth Bass	F	C	C		4	4.00	0.28			
Green Sunfish	S	I	C	T	163	163.00	11.58			
Bluegill Sunfish	S	I	C	P	24	24.00	1.70			
Orangespotted Sunfish	S	I	C		11	11.00	0.78			
Pumpkinseed Sunfish	S	I	C	P	2	2.00	0.14			
Green Sf X Bluegill Sf					6	6.00	0.43			
Green Sf X Hybrid					4	4.00	0.28			
Logperch	D	I	S	M	5	5.00	0.36			
Johnny Darter	D	I	C		58	58.00	4.12			
Rainbow Darter	D	I	S	M	1	1.00	0.07			
<i>Mile Total</i>					1,408	1,408.00				
<i>Number of Species</i>					23					
<i>Number of Hybrids</i>					3					

River Code: 02-452	Stream: Mitchell Run	Sample Date: 2003
River Mile: 0.20	Location:	Date Range: 08/27/2003
Time Fished: 2100 sec	Drainage: 5.4 sq mi	
Dist Fished: 0.15 km	Basin: Scioto 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	5	10.00	0.96			
White Sucker	W	O	S	T	13	26.00	2.49			
Goldfish	G	O	M	T	1	2.00	0.19			
Blacknose Dace	N	G	S	T	29	58.00	5.54			
Creek Chub	N	G	N	T	239	478.00	45.70			
Striped Shiner	N	I	S		7	14.00	1.34			
Spotfin Shiner	N	I	M		5	10.00	0.96			
Bluntnose Minnow	N	O	C	T	79	158.00	15.11			
Central Stoneroller	N	H	N		10	20.00	1.91			
Yellow Bullhead		I	C	T	2	4.00	0.38			
Smallmouth Bass	F	C	C	M	1	2.00	0.19			
Largemouth Bass	F	C	C		3	6.00	0.57			
Green Sunfish	S	I	C	T	57	114.00	10.90			
Bluegill Sunfish	S	I	C	P	2	4.00	0.38			
Pumpkinseed Sunfish	S	I	C	P	1	2.00	0.19			
Logperch	D	I	S	M	2	4.00	0.38			
Johnny Darter	D	I	C		28	56.00	5.35			
Rainbow Darter	D	I	S	M	8	16.00	1.53			
Orangethroat Darter	D	I	S		4	8.00	0.76			
Fantail Darter	D	I	C		27	54.00	5.16			
<i>Mile Total</i>					523	1,046.00				
<i>Number of Species</i>					20					
<i>Number of Hybrids</i>					0					

Species List

River Code: 02-453	Stream: Shaw Creek	Sample Date: 2003
River Mile: 13.20	Location:	Date Range: 08/20/2003
Time Fished: 1875 sec	Drainage: 11.8 sq mi	
Dist Fished: 0.15 km	Basin: Scioto 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
Blacknose Dace	N	G	S	T	11	22.00	1.24			
Creek Chub	N	G	N	T	56	112.00	6.30			
Striped Shiner	N	I	S		8	16.00	0.90			
Silverjaw Minnow	N	I	M		1	2.00	0.11			
Bluntnose Minnow	N	O	C	T	393	786.00	44.21			
Central Stoneroller	N	H	N		63	126.00	7.09			
Yellow Bullhead		I	C	T	2	4.00	0.22			
Blackstripe Topminnow		I	M		16	32.00	1.80			
Rock Bass	S	C	C		4	8.00	0.45			
Largemouth Bass	F	C	C		2	4.00	0.22			
Longear Sunfish	S	I	C	M	11	22.00	1.24			
Johnny Darter	D	I	C		228	456.00	25.65			
Greenside Darter	D	I	S	M	15	30.00	1.69			
Banded Darter	D	I	S	I	1	2.00	0.11			
Rainbow Darter	D	I	S	M	53	106.00	5.96			
Fantail Darter	D	I	C		25	50.00	2.81			
<i>Mile Total</i>					889	1,778.00				
<i>Number of Species</i>					16					
<i>Number of Hybrids</i>					0					

Species List

River Code: 02-453	Stream: Shaw Creek	Sample Date: 2003
River Mile: 10.60	Location:	Date Range: 08/20/2003
Time Fished: 1784 sec	Drainage: 14.8 sq mi	
Dist Fished: 0.15 km	Basin: Scioto 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	39	78.00	3.92			
Creek Chubsucker	R	I	M		1	2.00	0.10			
Common Carp	G	O	M	T	3	6.00	0.30			
Blacknose Dace	N	G	S	T	6	12.00	0.60			
Creek Chub	N	G	N	T	64	128.00	6.43			
Redfin Shiner	N	I	N		4	8.00	0.40			
Striped Shiner	N	I	S		15	30.00	1.51			
Silverjaw Minnow	N	I	M		2	4.00	0.20			
Bluntnose Minnow	N	O	C	T	634	1,268.00	63.65			
Central Stoneroller	N	H	N		15	30.00	1.51			
Yellow Bullhead		I	C	T	17	34.00	1.71			
Blackstripe Topminnow		I	M		36	72.00	3.61			
Rock Bass	S	C	C		2	4.00	0.20			
Green Sunfish	S	I	C	T	20	40.00	2.01			
Bluegill Sunfish	S	I	C	P	1	2.00	0.10			
Longear Sunfish	S	I	C	M	51	102.00	5.12			
Blackside Darter	D	I	S		7	14.00	0.70			
Johnny Darter	D	I	C		54	108.00	5.42			
Greenside Darter	D	I	S	M	7	14.00	0.70			
Rainbow Darter	D	I	S	M	16	32.00	1.61			
Fantail Darter	D	I	C		2	4.00	0.20			
<i>Mile Total</i>					996	1,992.00				
<i>Number of Species</i>					21					
<i>Number of Hybrids</i>					0					

River Code: 02-453	Stream: Shaw Creek	Sample Date: 2004
River Mile: 5.20	Location:	Date Range: 06/24/2004
Time Fished: 7514 sec	Drainage: 21.2 sq mi	Thru: 08/25/2004
Dist Fished: 0.40 km	Basin: Scioto River	No of Passes: 2
		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	2	1.50	0.28	0.05	0.14	30.00
Grass Pickerel		P	M P	62	46.50	8.58	1.33	4.23	28.69
White Sucker	W	O	S T	101	75.75	13.97	7.58	24.02	100.05
Common Carp	G	O	M T	7	5.25	0.97	15.23	48.26	2,900.00
Golden Shiner	N	I	M T	17	12.75	2.35	0.20	0.62	15.29
Creek Chub	N	G	N T	62	46.50	8.58	3.43	10.87	73.74
Redfin Shiner	N	I	N	24	18.00	3.32	0.07	0.21	3.75
Striped Shiner	N	I	S	2	1.50	0.28	0.10	0.31	64.50
Spotfin Shiner	N	I	M	2	1.50	0.28	0.03	0.10	20.00
Bluntnose Minnow	N	O	C T	249	186.75	34.44	0.74	2.35	3.97
Redfin Sh X Rosefin Sh		I		5	3.75	0.69	0.01	0.02	2.00
Yellow Bullhead		I	C T	7	5.25	0.97	0.88	2.78	167.14
Stonecat Madtom		I	C I	1	0.75	0.14	0.01	0.02	10.00
Blackstripe Topminnow		I	M	9	6.75	1.24	0.02	0.08	3.56
White Crappie	S	I	C	1	0.75	0.14	0.16	0.50	210.00
Rock Bass	S	C	C	1	0.75	0.14	0.11	0.33	140.00
Largemouth Bass	F	C	C	1	0.75	0.14	0.00	0.01	4.00
Green Sunfish	S	I	C T	65	48.75	8.99	0.99	3.14	20.29
Bluegill Sunfish	S	I	C P	21	15.75	2.90	0.25	0.80	15.92
Longear Sunfish	S	I	C M	6	4.50	0.83	0.13	0.40	28.00
Green Sf X Hybrid				1	0.75	0.14	0.01	0.02	10.00
Blackside Darter	D	I	S	15	11.25	2.07	0.08	0.26	7.15
Logperch	D	I	S M	3	2.25	0.41	0.06	0.19	26.00
Johnny Darter	D	I	C	48	36.00	6.64	0.08	0.26	2.33
Greenside Darter	D	I	S M	2	1.50	0.28	0.00	0.01	2.50
Banded Darter	D	I	S I	1	0.75	0.14	0.00	0.00	2.00
Rainbow Darter	D	I	S M	1	0.75	0.14	0.00	0.00	1.00
Orangethroat Darter	D	I	S	1	0.75	0.14	0.00	0.00	2.00
Fantail Darter	D	I	C	6	4.50	0.83	0.02	0.07	5.00
<i>Mile Total</i>				723	542.25		31.55		
<i>Number of Species</i>				27					
<i>Number of Hybrids</i>				2					

River Code: 02-453	Stream: Shaw Creek	Sample Date: 2004
River Mile: 1.60	Location:	Date Range: 07/29/2004
Time Fished: 6890 sec	Drainage: 26.0 sq mi	Thru: 09/14/2004
Dist Fished: 0.35 km	Basin: Scioto River	No of Passes: 2
		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	20	15.25	1.37	0.30	1.49	19.25
Grass Pickerel		P	M P	21	19.00	1.71	0.72	3.50	38.69
Golden Redhorse	R	I	S M	3	2.25	0.20	0.11	0.55	50.00
Northern Hog Sucker	R	I	S M	1	0.75	0.07	0.11	0.51	140.00
White Sucker	W	O	S T	69	61.25	5.52	4.87	23.85	79.46
Common Carp	G	O	M T	1	1.00	0.09	0.15	0.73	150.00
Golden Shiner	N	I	M T	1	1.00	0.09	0.00	0.01	3.00
Blacknose Dace	N	G	S T	3	2.25	0.20	0.00	0.01	1.00
Creek Chub	N	G	N T	193	168.50	15.18	7.90	38.70	45.42
Striped Shiner	N	I	S	64	56.25	5.07	1.29	6.31	21.60
Spotfin Shiner	N	I	M	6	5.00	0.45	0.04	0.19	7.50
Bluntnose Minnow	N	O	C T	394	356.50	32.12	0.87	4.25	2.46
Central Stoneroller	N	H	N	5	4.75	0.43	0.05	0.24	10.20
Redfin Sh X Rosefin Sh		I		4	4.00	0.36	0.02	0.10	5.00
Yellow Bullhead		I	C T	21	18.50	1.67	1.01	4.96	53.81
Stonecat Madtom		I	C I	3	2.75	0.25	0.12	0.61	45.00
Blackstripe Topminnow		I	M	1	1.00	0.09	0.00	0.01	2.00
Rock Bass	S	C	C	2	1.75	0.16	0.15	0.72	75.00
Smallmouth Bass	F	C	C M	2	1.75	0.16	0.27	1.30	155.00
Largemouth Bass	F	C	C	13	12.50	1.13	0.13	0.62	10.00
Warmouth Sunfish	S	C	C	1	1.00	0.09	0.02	0.07	15.00
Green Sunfish	S	I	C T	105	93.50	8.42	0.74	3.64	8.11
Bluegill Sunfish	S	I	C P	24	20.50	1.85	0.22	1.10	11.29
Longear Sunfish	S	I	C M	12	11.00	0.99	0.45	2.21	40.42
Pumpkinseed Sunfish	S	I	C P	1	0.75	0.07	0.04	0.18	50.00
Green Sf X Hybrid				1	0.75	0.07	0.01	0.04	10.00
Hybrid X Sunfish				2	2.00	0.18	0.02	0.10	10.00
Blackside Darter	D	I	S	10	9.00	0.81	0.06	0.27	6.10
Logperch	D	I	S M	23	21.50	1.94	0.30	1.48	13.91
Johnny Darter	D	I	C	83	73.25	6.60	0.08	0.37	1.02
Greenside Darter	D	I	S M	38	34.25	3.09	0.15	0.73	4.47
Rainbow Darter	D	I	S M	48	42.00	3.78	0.10	0.48	2.29
Orangethroat Darter	D	I	S	1	1.00	0.09	0.00	0.01	2.00
Fantail Darter	D	I	C	71	63.50	5.72	0.14	0.67	2.18
<i>Mile Total</i>				1,247	1,110.00		20.41		
<i>Number of Species</i>				31					
<i>Number of Hybrids</i>				3					

River Code: 02-455	Stream: Big Run	Sample Date: 2003
River Mile: 0.10	Location:	Date Range: 08/26/2003
Time Fished: 1080 sec	Drainage: 6.1 sq mi	
Dist Fished: 0.15 km	Basin: Scioto 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	11	22.00	3.73			
Creek Chub	N	G	N	T	45	90.00	15.25			
Rosefin Shiner	N	I	S	M	10	20.00	3.39			
Striped Shiner	N	I	S		8	16.00	2.71			
Spotfin Shiner	N	I	M		6	12.00	2.03			
Silverjaw Minnow	N	I	M		30	60.00	10.17			
Bluntnose Minnow	N	O	C	T	107	214.00	36.27			
Central Stoneroller	N	H	N		15	30.00	5.08			
Yellow Bullhead		I	C	T	5	10.00	1.69			
Largemouth Bass	F	C	C		11	22.00	3.73			
Green Sunfish	S	I	C	T	15	30.00	5.08			
Bluegill Sunfish	S	I	C	P	17	34.00	5.76			
Orangespotted Sunfish	S	I	C		2	4.00	0.68			
Pumpkinseed Sunfish	S	I	C	P	3	6.00	1.02			
Johnny Darter	D	I	C		7	14.00	2.37			
Greenside Darter	D	I	S	M	1	2.00	0.34			
Rainbow Darter	D	I	S	M	2	4.00	0.68			
<i>Mile Total</i>					295	590.00				
<i>Number of Species</i>					17					
<i>Number of Hybrids</i>					0					

River Code: 02-457	Stream: Sams Creek	Sample Date: 2003
River Mile: 1.40	Location:	Date Range: 08/25/2003
Time Fished: 2207 sec	Drainage: 7.8 sq mi	
Dist Fished: 0.15 km	Basin: Scioto 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
Least Brook Lamprey		F	N		1	2.00	0.20			
Grass Pickerel		P	M	P	16	32.00	3.21			
White Sucker	W	O	S	T	17	34.00	3.41			
Blacknose Dace	N	G	S	T	6	12.00	1.20			
Creek Chub	N	G	N	T	92	184.00	18.44			
Striped Shiner	N	I	S		86	172.00	17.23			
Bluntnose Minnow	N	O	C	T	72	144.00	14.43			
Central Stoneroller	N	H	N		57	114.00	11.42			
Yellow Bullhead		I	C	T	1	2.00	0.20			
Largemouth Bass	F	C	C		11	22.00	2.20			
Bluegill Sunfish	S	I	C	P	4	8.00	0.80			
Johnny Darter	D	I	C		27	54.00	5.41			
Greenside Darter	D	I	S	M	10	20.00	2.00			
Rainbow Darter	D	I	S	M	41	82.00	8.22			
Fantail Darter	D	I	C		15	30.00	3.01			
Mottled Sculpin		I	C		43	86.00	8.62			
<i>Mile Total</i>					499	998.00				
<i>Number of Species</i>					16					
<i>Number of Hybrids</i>					0					

Species List

River Code: 02-458	Stream: East Branch Whetstone Creek	Sample Date: 2003
River Mile: 0.40	Location:	Date Range: 08/20/2003
Time Fished: 4487 sec	Drainage: 6.3 sq mi	Thru: 10/02/2003
Dist Fished: 0.35 km	Basin: Scioto River	Sampler Type: E
	No of Passes: 2	

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Least Brook Lamprey		F	N		3	2.50	0.20	0.03	0.21	10.67
Grass Pickerel		P	M	P	2	1.75	0.14	0.10	0.81	55.50
White Sucker	W	O	S	T	208	193.00	15.78	7.04	55.10	36.66
Blacknose Dace	N	G	S	T	64	55.50	4.54	0.19	1.45	3.36
Creek Chub	N	G	N	T	354	311.50	25.48	2.50	19.57	8.17
South. Redbelly Dace	N	H	S		4	3.00	0.25	0.00	0.02	1.00
Redside Dace	N	I	S	I	15	13.25	1.08	0.03	0.25	2.33
Striped Shiner	N	I	S		38	31.50	2.58	0.52	4.09	17.11
Silverjaw Minnow	N	I	M		23	22.00	1.80	0.07	0.56	3.26
Bluntnose Minnow	N	O	C	T	177	168.75	13.80	0.54	4.19	3.18
Central Stoneroller	N	H	N		36	34.25	2.80	0.13	1.04	3.88
Rock Bass	S	C	C		2	2.00	0.16	0.12	0.90	57.50
Largemouth Bass	F	C	C		3	2.25	0.18	0.02	0.13	7.00
Green Sunfish	S	I	C	T	7	6.25	0.51	0.06	0.50	10.71
Bluegill Sunfish	S	I	C	P	6	5.00	0.41	0.05	0.38	9.67
Orangespotted Sunfish	S	I	C		2	2.00	0.16	0.02	0.16	10.50
Blackside Darter	D	I	S		2	2.00	0.16	0.02	0.12	7.50
Johnny Darter	D	I	C		170	163.25	13.35	0.25	1.95	1.51
Greenside Darter	D	I	S	M	9	7.50	0.61	0.04	0.31	5.00
Rainbow Darter	D	I	S	M	11	10.00	0.82	0.04	0.29	3.64
Fantail Darter	D	I	C		8	7.00	0.57	0.03	0.21	3.63
Mottled Sculpin		I	C		198	178.50	14.60	0.99	7.78	5.46
<i>Mile Total</i>					1,342	1,222.75		12.78		
<i>Number of Species</i>					22					
<i>Number of Hybrids</i>					0					

Species List

River Code: 02-465	Stream: Glen Echo Ravine	Sample Date: 2003
River Mile: 1.00	Location: Glen Echo Park	Date Range: 06/26/2003
Time Fished: 2180 sec	Drainage: 0.5 sq mi	Thru: 09/08/2003
Dist Fished: 0.30 km	Basin: Scioto River	Sampler Type: E
	No of Passes: 2	

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	14	14.00	58.33			
Green Sunfish	S	I	C	T	9	9.00	37.50			
Bluegill Sunfish	S	I	C	P	1	1.00	4.17			
<i>Mile Total</i>					24	24.00				
<i>Number of Species</i>					3					
<i>Number of Hybrids</i>					0					

Species List

River Code: 02-466	Stream: Rocky Fork	Sample Date: 2003
River Mile: 2.90	Location:	Date Range: 08/06/2003
Time Fished: 4950 sec	Drainage: 8.7 sq mi	Thru: 09/16/2003
Dist Fished: 0.35 km	Basin: Scioto River	Sampler Type: D
	No of Passes: 2	

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	46	37.75	4.08	0.97	15.61	25.22
Blacknose Dace	N	G	S	T	3	3.00	0.32	0.02	0.24	5.00
Creek Chub	N	G	N	T	169	137.50	14.84	2.06	33.27	14.71
Striped Shiner	N	I	S		12	9.25	1.00	0.19	2.99	20.00
Bluntnose Minnow	N	O	C	T	145	122.25	13.20	0.23	3.67	1.87
Central Stoneroller	N	H	N		299	232.50	25.10	0.39	6.33	1.68
Yellow Bullhead		I	C	T	4	3.25	0.35	0.14	2.32	44.00
Largemouth Bass	F	C	C		8	7.00	0.76	0.03	0.53	5.00
Green Sunfish	S	I	C	T	148	119.00	12.85	1.26	20.42	10.35
Bluegill Sunfish	S	I	C	P	144	126.75	13.68	0.59	9.56	4.52
Pumpkinseed Sunfish	S	I	C	P	2	2.00	0.22	0.07	1.13	35.00
Green Sf X Bluegill Sf					8	6.00	0.65	0.04	0.65	6.67
Green Sf X Hybrid					8	8.00	0.86	0.08	1.29	10.00
Johnny Darter	D	I	C		91	71.50	7.72	0.06	1.04	0.88
Fantail Darter	D	I	C		49	40.50	4.37	0.06	0.95	1.46
<i>Mile Total</i>					1,136	926.25		6.18		
<i>Number of Species</i>					13					
<i>Number of Hybrids</i>					2					

River Code: 02-466	Stream: Rocky Fork	Sample Date: 2003
River Mile: 0.40	Location:	Date Range: 08/06/2003
Time Fished: 3000 sec	Drainage: 10.9 sq mi	
Dist Fished: 0.15 km	Basin: Scioto 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	2.00	0.24			
Golden Shiner	N	I	M	T	1	2.00	0.24			
Silverjaw Minnow	N	I	M		7	14.00	1.65			
Bluntnose Minnow	N	O	C	T	74	148.00	17.45			
Central Stoneroller	N	H	N		202	404.00	47.64			
Redfin Sh X Rosefin Sh		I			3	6.00	0.71			
Yellow Bullhead		I	C	T	8	16.00	1.89			
Brook Silverside		I	M	M	4	8.00	0.94			
White Crappie	S	I	C		2	4.00	0.47			
Largemouth Bass	F	C	C		17	34.00	4.01			
Green Sunfish	S	I	C	T	19	38.00	4.48			
Bluegill Sunfish	S	I	C	P	82	164.00	19.34			
Green Sf X Bluegill Sf					1	2.00	0.24			
Fantail Darter	D	I	C		3	6.00	0.71			
<i>Mile Total</i>					424	848.00				
<i>Number of Species</i>					12					
<i>Number of Hybrids</i>					2					

Species List

River Code: 02-467	Stream: Trib. to Whetstone Creek (RM 33.71)	Sample Date: 2003
River Mile: 0.40	Location:	Date Range: 08/19/2003
Time Fished: 4668 sec	Drainage: 2.0 sq mi	Thru: 10/06/2003
Dist Fished: 0.30 km	Basin: Scioto River	Sampler Type: E
	No of Passes: 2	

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	105	105.00	6.19			
Blacknose Dace	N	G	S	T	146	146.00	8.61			
Creek Chub	N	G	N	T	741	741.00	43.72			
Redside Dace	N	I	S	I	7	7.00	0.41			
Bluntnose Minnow	N	O	C	T	47	47.00	2.77			
Central Stoneroller	N	H	N		450	450.00	26.55			
Green Sunfish	S	I	C	T	43	43.00	2.54			
Bluegill Sunfish	S	I	C	P	3	3.00	0.18			
Johnny Darter	D	I	C		108	108.00	6.37			
Fantail Darter	D	I	C		45	45.00	2.65			
<i>Mile Total</i>					1,695	1,695.00				
<i>Number of Species</i>					10					
<i>Number of Hybrids</i>					0					

Species List

River Code: 02-468	Stream: Trib. to Olentangy R. (RM 20.71)	Sample Date: 2003
River Mile: 0.20	Location: upst. Chapman Rd., upst. waterfall	Date Range: 09/09/2003
Time Fished: 1500 sec	Drainage: 2.4 sq mi	
Dist Fished: 0.15 km	Basin: Scioto 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
Creek Chub	N	G	N	T	41	82.00	97.62			
Bluegill Sunfish	S	I	C	P	1	2.00	2.38			
<i>Mile Total</i>					42	84.00				
<i>Number of Species</i>					2					
<i>Number of Hybrids</i>					0					

River Code: 02-470	Stream: Bee Run	Sample Date: 2003
River Mile: 4.90	Location: Marseilles Galion Rd.	Date Range: 09/09/2003
Time Fished: 2970 sec	Drainage: 1.0 sq mi	
Dist Fished: 0.15 km	Basin: Scioto 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	7	14.00	1.93			
Grass Pickerel		P	M	P	106	212.00	29.20			
Golden Shiner	N	I	M	T	202	404.00	55.65			
Creek Chub	N	G	N	T	5	10.00	1.38			
Yellow Bullhead		I	C	T	1	2.00	0.28			
Black Bullhead		I	C	P	22	44.00	6.06			
Largemouth Bass	F	C	C		3	6.00	0.83			
Green Sunfish	S	I	C	T	4	8.00	1.10			
Bluegill Sunfish	S	I	C	P	12	24.00	3.31			
Pumpkinseed Sunfish	S	I	C	P	1	2.00	0.28			
<i>Mile Total</i>					363	726.00				
<i>Number of Species</i>					10					
<i>Number of Hybrids</i>					0					

Species List

River Code: 02-470	Stream: Bee Run	Sample Date: 2003
River Mile: 0.30	Location: near mouth	Date Range: 09/09/2003
Time Fished: 1800 sec	Drainage: 6.8 sq mi	
Dist Fished: 0.15 km	Basin: Scioto 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
Grass Pickerel		P	M	P	12	24.00	3.36			
White Sucker	W	O	S	T	2	4.00	0.56			
Golden Shiner	N	I	M	T	2	4.00	0.56			
Redfin Shiner	N	I	N		6	12.00	1.68			
Rosefin Shiner	N	I	S	M	4	8.00	1.12			
Spotfin Shiner	N	I	M		6	12.00	1.68			
Sand Shiner	N	I	M	M	39	78.00	10.92			
Bluntnose Minnow	N	O	C	T	130	260.00	36.41			
Redfin Sh X Rosefin Sh		I			10	20.00	2.80			
Yellow Bullhead		I	C	T	1	2.00	0.28			
Blackstripe Topminnow		I	M		4	8.00	1.12			
Largemouth Bass	F	C	C		3	6.00	0.84			
Green Sunfish	S	I	C	T	55	110.00	15.41			
Longear Sunfish	S	I	C	M	44	88.00	12.32			
Johnny Darter	D	I	C		24	48.00	6.72			
Rainbow Darter	D	I	S	M	1	2.00	0.28			
Orangethroat Darter	D	I	S		14	28.00	3.92			
<i>Mile Total</i>					357	714.00				
<i>Number of Species</i>					16					
<i>Number of Hybrids</i>					1					

Appendix C

Aquatic macroinvertebrate summaries (species list) for sites
in the Olentangy study area,
2003-2004.

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

Collection Date: 09/07/2004 River Code: 02-400 RM: 7.30 Site: Olentangy River Kenny Park

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	8	77800	<i>Helopelopia sp</i>	+
01801	<i>Turbellaria</i>	29 +	78450	<i>Nilotanypus fimbriatus</i>	112 +
03040	<i>Fredericella sp</i>	+	80310	<i>Cardiocladius obscurus</i>	+
03600	<i>Oligochaeta</i>	32 +	80360	<i>Corynoneura "celeripes" (sensu Simpson & Bode, 1980)</i>	8
04687	<i>Placobdella parasitica</i>	+	80410	<i>Cricotopus (C.) sp</i>	+
05800	<i>Caecidotea sp</i>	+	80430	<i>Cricotopus (C.) tremulus group</i>	11 +
05900	<i>Lirceus sp</i>	2	81229	<i>Nanocladius (N.) crassicornus</i>	21
06700	<i>Crangonyx sp</i>	+	81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	82130	<i>Thienemanniella similis</i>	59 +
11119	<i>Plauditus dubius or P. virilis</i>	+	82141	<i>Thienemanniella xena</i>	21
11120	<i>Baetis flavistriga</i>	4 +	82220	<i>Tvetenia discoloripes group</i>	32 +
11130	<i>Baetis intercalaris</i>	264 +	82820	<i>Cryptochironomus sp</i>	+
12200	<i>Isonychia sp</i>	9 +	83040	<i>Dicrotendipes neomodestus</i>	+
13000	<i>Leucrocuta sp</i>	+	83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+
13100	<i>Nixe sp</i>	+	84300	<i>Phaenopsectra obediens group</i>	+
13400	<i>Stenacron sp</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	697 +
13561	<i>Stenonema pulchellum</i>	236 +	84460	<i>Polypedilum (P.) fallax group</i>	53
16700	<i>Tricorythodes sp</i>	178 +	84470	<i>Polypedilum (P.) illinoense</i>	+
17200	<i>Caenis sp</i>	9 +	84490	<i>Polypedilum (Cerobregma) ontario</i>	11
18100	<i>Anthopotamus sp</i>	1	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+
18600	<i>Ephemera sp</i>	+	85265	<i>Cladotanytarsus vanderwulpi group Type 5</i>	21
21200	<i>Calopteryx sp</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	11
22001	<i>Coenagrionidae</i>	+	85625	<i>Rheotanytarsus sp</i>	84 +
22300	<i>Argia sp</i>	+	85720	<i>Stempellinella n.sp nr. flavidula</i>	5
26700	<i>Macromia sp</i>	+	85800	<i>Tanytarsus sp</i>	+
34700	<i>Agnetina capitata complex</i>	24 +	85840	<i>Tanytarsus sepp</i>	11 +
50315	<i>Chimarra obscura</i>	1 +	87540	<i>Hemerodromia sp</i>	8
51300	<i>Neureclipsis sp</i>	1	93900	<i>Elimia sp</i>	5 +
51600	<i>Polycentropus sp</i>	+	96900	<i>Ferrissia sp</i>	+
52200	<i>Cheumatopsyche sp</i>	1215 +	97601	<i>Corbicula fluminea</i>	21 +
52430	<i>Ceratopsyche morosa group</i>	307 +	99420	<i>Amblema plicata plicata</i>	+
53400	<i>Protoptila sp</i>	+			
53800	<i>Hydroptila sp</i>	+			
57400	<i>Neophylax sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+	No. Quantitative Taxa: 38		Total Taxa: 75
59415	<i>Nectopsyche exquisita</i>	+	No. Qualitative Taxa: 62		ICI: 48
59970	<i>Petrophila sp</i>	+	Number of Organisms: 3750		Qual EPT: 21
68075	<i>Psephenus herricki</i>	+			
68901	<i>Macronychus glabratus</i>	2 +			
69400	<i>Stenelmis sp</i>	155 +			
71100	<i>Hexatoma sp</i>	+			
74100	<i>Simulium sp</i>	8 +			
77120	<i>Ablabesmyia mallochi</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	74 +			

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

Collection Date: 09/07/2004 River Code: 02-400 RM: 4.00 Site: Olentangy River

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	14 +	77800	<i>Helopelopia sp</i>	+
03040	<i>Fredericella sp</i>	1	78750	<i>Rheopelopia paramaculipennis</i>	190
03121	<i>Paludicella articulata</i>	1	80310	<i>Cardiocladius obscurus</i>	+
03360	<i>Plumatella sp</i>	1	80360	<i>Corynoneura "celeripes" (sensu Simpson & Bode, 1980)</i>	48
03451	<i>Urnatella gracilis</i>	1			
03600	<i>Oligochaeta</i>	96 +	80370	<i>Corynoneura lobata</i>	16
04935	<i>Erpobdella punctata punctata</i>	+	80410	<i>Cricotopus (C.) sp</i>	381 +
05800	<i>Caecidotea sp</i>	+	80420	<i>Cricotopus (C.) bicinctus</i>	95 +
06700	<i>Crangonyx sp</i>	+	80440	<i>Cricotopus (C.) trifascia</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	82130	<i>Thienemanniella similis</i>	272
11119	<i>Plauditus dubius or P. virilis</i>	56 +	82141	<i>Thienemanniella xena</i>	80
11120	<i>Baetis flavistriga</i>	3 +	82220	<i>Tvetenia discoloripes group</i>	190
11130	<i>Baetis intercalaris</i>	267 +	82820	<i>Cryptochironomus sp</i>	+
12200	<i>Isonychia sp</i>	32 +	83040	<i>Dicrotendipes neomodestus</i>	+
13000	<i>Leucrocuta sp</i>	9 +	84300	<i>Phaenopsectra obediens group</i>	190
13400	<i>Stenacron sp</i>	9 +	84450	<i>Polypedilum (Uresipedilum) flavum</i>	2952 +
13561	<i>Stenonema pulchellum</i>	453 +	84460	<i>Polypedilum (P.) fallax group</i>	95
16700	<i>Tricorythodes sp</i>	4 +	84470	<i>Polypedilum (P.) illinoense</i>	95 +
18100	<i>Anthopotamus sp</i>	+	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+
18600	<i>Ephemera sp</i>	+	85265	<i>Cladotanytarsus vanderwulpi group Type 5</i>	+
21200	<i>Calopteryx sp</i>	+	85625	<i>Rheotanytarsus sp</i>	3428 +
22001	<i>Coenagrionidae</i>	+	85800	<i>Tanytarsus sp</i>	+
22300	<i>Argia sp</i>	1 +	85821	<i>Tanytarsus glabrescens group sp 7</i>	190
34600	<i>Perlinella sp</i>	+	87540	<i>Hemerodromia sp</i>	1 +
34700	<i>Agnatina capitata complex</i>	+	96900	<i>Ferrissia sp</i>	+
50315	<i>Chimarra obscura</i>	+	96930	<i>Laevapex fuscus</i>	+
51300	<i>Neureclipsis sp</i>	68 +	97601	<i>Corbicula fluminea</i>	32 +
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	2317 +	No. Quantitative Taxa: 44		Total Taxa: 70
52430	<i>Ceratopsyche morosa group</i>	743 +	No. Qualitative Taxa: 53		ICI: 44
52570	<i>Hydropsyche simulans</i>	2	Number of Organisms: 12972		Qual EPT: 20
52580	<i>Hydropsyche valanis</i>	54 +			
53400	<i>Protophila sp</i>	+			
53800	<i>Hydroptila sp</i>	354 +			
59001	<i>Leptoceridae</i>	16			
59970	<i>Petrophila sp</i>	1 +			
65800	<i>Berosus sp</i>	1			
68075	<i>Psephenus herricki</i>	+			
68901	<i>Macronychus glabratus</i>	1			
69400	<i>Stenelmis sp</i>	68 +			
71100	<i>Hexatoma sp</i>	+			
74100	<i>Simulium sp</i>	49 +			
77120	<i>Ablabesmyia mallochi</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	95 +			

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

Collection Date: 09/25/2003 River Code: 02-400 RM: 89.30 Site: Olentangy River

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	83840	<i>Microtendipes pedellus group</i>	+
03360	<i>Plumatella sp</i>	+	84750	<i>Stictochironomus sp</i>	+
03600	<i>Oligochaeta</i>	+	85400	<i>Micropsectra sp</i>	+
04685	<i>Placobdella ornata</i>	+	85500	<i>Paratanytarsus sp</i>	+
06201	<i>Hyaella azteca</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	85840	<i>Tanytarsus sepp</i>	+
11120	<i>Baetis flavistriga</i>	+	93900	<i>Elimia sp</i>	+
11130	<i>Baetis intercalaris</i>	+	96900	<i>Ferrissia sp</i>	+
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+	98600	<i>Sphaerium sp</i>	+
13000	<i>Leucrocuta sp</i>	+			
13400	<i>Stenacron sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 53
13521	<i>Stenonema femoratum</i>	+	No. Qualitative Taxa: 53		ICI:
17200	<i>Caenis sp</i>	+	Number of Organisms: 0		Qual EPT: 13
21200	<i>Calopteryx sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
23909	<i>Boyeria vinosa</i>	+			
44501	<i>Corixidae</i>	+			
47600	<i>Sialis sp</i>	+			
50301	<i>Chimarra aterrima</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>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
71100	<i>Hexatoma sp</i>	+			
71900	<i>Tipula sp</i>	+			
71910	<i>Tipula abdominalis</i>	+			
74100	<i>Simulium sp</i>	+			
78400	<i>Natarsia sp</i>	+			
80351	<i>Corynoneura n.sp 1</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
80430	<i>Cricotopus (C.) tremulus group</i>	+			
81632	<i>Parakiefferiella n.sp 2</i>	+			
81650	<i>Parametriocnemus sp</i>	+			
82141	<i>Thienemanniella xena</i>	+			
82200	<i>Tvetenia bavarica group</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	+			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Collection Date: 08/27/2003 River Code: 02-400 RM: 86.10 Site: Olentangy River

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	132 +	85625	<i>Rheotanytarsus sp</i>	30 +
03360	<i>Plumatella sp</i>	+	87540	<i>Hemerodromia sp</i>	24
03600	<i>Oligochaeta</i>	40 +	93900	<i>Elimia sp</i>	2 +
04901	<i>Erpobdellidae</i>	+	96900	<i>Ferrissia sp</i>	34 +
05900	<i>Lirceus sp</i>	3 +	98001	<i>Sphaeriidae</i>	8
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
08601	<i>Hydrachnidia</i>	+	No. Quantitative Taxa: 29		Total Taxa: 49
11120	<i>Baetis flavistriga</i>	2	No. Qualitative Taxa: 40		ICI: 34
11130	<i>Baetis intercalaris</i>	11	Number of Organisms: 4511		Qual EPT: 8
13000	<i>Leucrocuta sp</i>	+			
13400	<i>Stenacron sp</i>	2 +			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	922 +			
52430	<i>Ceratopsyche morosa group</i>	16 +			
52530	<i>Hydropsyche depravata group</i>	43 +			
53800	<i>Hydroptila sp</i>	6 +			
60900	<i>Peltodytes sp</i>	+			
63900	<i>Laccophilus sp</i>	+			
66200	<i>Cymbiodyta sp</i>	+			
66500	<i>Enochrus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
69400	<i>Stenelmis sp</i>	28 +			
74100	<i>Simulium sp</i>	4 +			
77120	<i>Ablabesmyia mallochi</i>	+			
77500	<i>Conchapelopia sp</i>	177 +			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	89			
77800	<i>Helopelopia sp</i>	89			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
78450	<i>Nilotanypus fimbriatus</i>	89			
80410	<i>Cricotopus (C.) sp</i>	118 +			
80420	<i>Cricotopus (C.) bicinctus</i>	414 +			
80430	<i>Cricotopus (C.) tremulus group</i>	561 +			
80440	<i>Cricotopus (C.) trifascia</i>	59 +			
80510	<i>Cricotopus (Isocladius) sylvestris group</i>	148 +			
82141	<i>Thienemanniella xena</i>	160			
82730	<i>Chironomus (C.) decorus group</i>	+			
82770	<i>Chironomus (C.) riparius group</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83003	<i>Dicrotendipes fumidus</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	1270 +			
84460	<i>Polypedilum (P.) fallax group</i>	30			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84750	<i>Stictochironomus sp</i>	+			

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

Collection Date: 07/16/2003 River Code: 02-400 RM: 85.94 A Site: Olentangy River

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03360	<i>Plumatella sp</i>	+			
03600	<i>Oligochaeta</i>	+			
08200	<i>Orconectes sp</i>	+			
08601	<i>Hydrachnidia</i>	+			
11120	<i>Baetis flavistriga</i>	+			
11130	<i>Baetis intercalaris</i>	+			
22300	<i>Argia sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53800	<i>Hydroptila sp</i>	+			
67700	<i>Paracymus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
74100	<i>Simulium sp</i>	+			
77500	<i>Conchapelopia sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
80430	<i>Cricotopus (C.) tremulus group</i>	+			
80440	<i>Cricotopus (C.) trifascia</i>	+			
80510	<i>Cricotopus (Isocladius) sylvestris group</i>	+			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	+			
84050	<i>Parachironomus "hirtalatus" (sensu Simpson & Bode, 1980)</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
93900	<i>Elimia sp</i>	+			
96002	<i>Helisoma anceps anceps</i>	+			
96900	<i>Ferrissia sp</i>	+			
98200	<i>Pisidium 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: 5

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

Collection Date: 08/27/2003 River Code: 02-400 RM: 85.94 B Site: Olentangy River

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00653	<i>Eunapius fragilis</i>	+			
01801	<i>Turbellaria</i>	+			
03360	<i>Plumatella sp</i>	+			
03600	<i>Oligochaeta</i>	+			
05900	<i>Lirceus sp</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
60900	<i>Peltodytes sp</i>	+			
71900	<i>Tipula sp</i>	+			
74100	<i>Simulium sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
80430	<i>Cricotopus (C.) tremulus group</i>	+			
80440	<i>Cricotopus (C.) trifascia</i>	+			
80510	<i>Cricotopus (Isocladius) sylvestris group</i>	+			
82770	<i>Chironomus (C.) riparius group</i>	+			
84040	<i>Parachironomus frequens</i>	+			
84050	<i>Parachironomus "hirtalatus" (sensu Simpson & Bode, 1980)</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84888	<i>Xenochironomus xenolabis</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 23
No. Qualitative Taxa: 23	ICI:
Number of Organisms: 0	Qual EPT: 2

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

Collection Date: 08/27/2003 River Code: 02-400 RM: 84.50 Site: Olentangy River

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	<hr/> No. Quantitative Taxa: 26 Total Taxa: 44 No. Qualitative Taxa: 37 ICI: 46 Number of Organisms: 7433 Qual EPT: 9		
01801	<i>Turbellaria</i>	15 +			
03360	<i>Plumatella sp</i>	1			
03600	<i>Oligochaeta</i>	+			
05800	<i>Caecidotea sp</i>	+			
05900	<i>Lirceus sp</i>	13 +			
08250	<i>Orconectes (Procericambarus) rusticus</i>	1 +			
11120	<i>Baetis flavistriga</i>	478 +			
11130	<i>Baetis intercalaris</i>	72 +			
13000	<i>Leucrocuta sp</i>	44 +			
13400	<i>Stenacron sp</i>	30 +			
13521	<i>Stenonema femoratum</i>	14 +			
21200	<i>Calopteryx sp</i>	+			
22300	<i>Argia sp</i>	1 +			
23909	<i>Boyeria vinosa</i>	+			
47600	<i>Sialis sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	758 +			
52430	<i>Ceratopsyche morosa group</i>	179 +			
52530	<i>Hydropsyche depravata group</i>	35 +			
53800	<i>Hydroptila sp</i>	1 +			
59970	<i>Petrophila sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
67700	<i>Paracymus sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68901	<i>Macronychus glabratus</i>	1			
69400	<i>Stenelmis sp</i>	30 +			
74100	<i>Simulium sp</i>	16 +			
77120	<i>Ablabesmyia mallochi</i>	55			
77500	<i>Conchapelopia sp</i>	55 +			
77800	<i>Helopelopia sp</i>	+			
78450	<i>Nilotanytus fimbriatus</i>	16			
80370	<i>Corynoneura lobata</i>	112			
80410	<i>Cricotopus (C.) sp</i>	+			
81250	<i>Nanocladius (N.) minimus</i>	55			
82141	<i>Thienemanniella xena</i>	16			
84300	<i>Phaenopsectra obediens group</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	554 +			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85625	<i>Rheotanytarsus sp</i>	4879 +			
86100	<i>Chrysops sp</i>	+			
93900	<i>Elimia sp</i>	+			
98600	<i>Sphaerium sp</i>	2 +			

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

Collection Date: 08/27/2003 River Code: 02-400 RM: 79.70 Site: Olentangy River dst. Shearer Rd.

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	49 +
03360	<i>Plumatella sp</i>	+	85625	<i>Rheotanytarsus sp</i>	3502 +
03600	<i>Oligochaeta</i>	+	85800	<i>Tanytarsus sp</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	1 +	85821	<i>Tanytarsus glabrescens group sp 7</i>	49 +
11020	<i>Acerpenna pygmaea</i>	33 +	85840	<i>Tanytarsus sepp</i>	49
11120	<i>Baetis flavistriga</i>	16 +	87540	<i>Hemerodromia sp</i>	8
11130	<i>Baetis intercalaris</i>	19 +	96900	<i>Ferrissia sp</i>	27 +
12200	<i>Isonychia sp</i>	3 +	98600	<i>Sphaerium sp</i>	+
13000	<i>Leucrocuta sp</i>	27			
13100	<i>Nixe sp</i>	+	No. Quantitative Taxa: 29		Total Taxa: 51
13400	<i>Stenacron sp</i>	39 +	No. Qualitative Taxa: 40		ICI: 42
13521	<i>Stenonema femoratum</i>	20 +	Number of Organisms: 4975		Qual EPT: 13
13561	<i>Stenonema pulchellum</i>	85 +			
13570	<i>Stenonema terminatum</i>	2			
16700	<i>Tricorythodes sp</i>	2 +			
21200	<i>Calopteryx sp</i>	+			
22300	<i>Argia sp</i>	38 +			
50315	<i>Chimarra obscura</i>	+			
52200	<i>Cheumatopsyche sp</i>	188 +			
52430	<i>Ceratopsyche morosa group</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59970	<i>Petrophila sp</i>	+			
67500	<i>Laccobius sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68901	<i>Macronychus glabratus</i>	3 +			
69400	<i>Stenelmis sp</i>	1 +			
71900	<i>Tipula sp</i>	+			
77500	<i>Conchapelopia sp</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	+			
77800	<i>Helopelopia sp</i>	+			
78450	<i>Nilotanypus fimbriatus</i>	99			
78655	<i>Procladius (Holotanypus) sp</i>	+			
80370	<i>Corynoneura lobata</i>	240			
81270	<i>Nanocladius (N.) spinipenus</i>	49			
82101	<i>Thienemanniella taurocapita</i>	16			
82121	<i>Thienemanniella lobapodema</i>	16			
82820	<i>Cryptochironomus sp</i>	+			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	296 +			
84460	<i>Polypedilum (P.) fallax group</i>	49			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85500	<i>Paratanytarsus sp</i>	49			

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

Collection Date: 08/27/2003 River Code: 02-400 RM: 74.00 Site: Olentangy River Monnet Chapel Rd.

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03360	<i>Plumatella sp</i>	+			
03600	<i>Oligochaeta</i>	+			
05800	<i>Caecidotea sp</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
11651	<i>Procloeon sp (w/o hindwing pads)</i>	+			
11670	<i>Procloeon viridoculare</i>	+			
12200	<i>Isonychia sp</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
22300	<i>Argia sp</i>	+			
47600	<i>Sialis sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
67500	<i>Laccobius sp</i>	+			
68601	<i>Ancyronyx variegata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77500	<i>Conchapelopia sp</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
84469	<i>Polypedilum (P.) illinoense group</i>	+			
84700	<i>Stenochironomus sp</i>	+			
85625	<i>Rheotanytarsus 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: 08/27/2003 River Code: 02-400 RM: 68.00 Site: Olentangy River Marion-Crawford Co. Line Rd.

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	14	85625	<i>Rheotanytarsus sp</i>	69 +
03360	<i>Plumatella sp</i>	+	85720	<i>Stempellinella n.sp nr. flavidula</i>	6
03600	<i>Oligochaeta</i>	46 +	85821	<i>Tanytarsus glabrescens group sp 7</i>	15 +
05900	<i>Lirceus sp</i>	31 +	85840	<i>Tanytarsus sepp</i>	15
08250	<i>Orconectes (Procericambarus) rusticus</i>	1 +	87540	<i>Hemerodromia sp</i>	2
11020	<i>Acerpenna pygmaea</i>	5	93900	<i>Elimia sp</i>	50 +
11120	<i>Baetis flavistriga</i>	1	95100	<i>Physella sp</i>	+
11130	<i>Baetis intercalaris</i>	57 +	98600	<i>Sphaerium sp</i>	+
13000	<i>Leucrocota sp</i>	1			
13100	<i>Nixe sp</i>	+	No. Quantitative Taxa: 37		Total Taxa: 50
13400	<i>Stenacron sp</i>	171 +	No. Qualitative Taxa: 28		ICI: 30
13521	<i>Stenonema femoratum</i>	1	Number of Organisms: 830		Qual EPT: 6
16700	<i>Tricorythodes sp</i>	+			
17200	<i>Caenis sp</i>	4 +			
21200	<i>Calopteryx sp</i>	+			
22300	<i>Argia sp</i>	4			
45300	<i>Sigara sp</i>	+			
45900	<i>Notonecta sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	52 +			
60900	<i>Peltodytes sp</i>	+			
68601	<i>Ancyronyx variegata</i>	4 +			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	13 +			
69400	<i>Stenelmis sp</i>	1 +			
74100	<i>Simulium sp</i>	2			
77120	<i>Ablabesmyia mallochi</i>	36			
77500	<i>Conchapelopia sp</i>	3			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	6 +			
78450	<i>Nilotanypus fimbriatus</i>	8			
78655	<i>Procladius (Holotanypus) sp</i>	+			
80360	<i>Corynoneura "celeripes" (sensu Simpson & Bode, 1980)</i>	4			
80370	<i>Corynoneura lobata</i>	26			
82121	<i>Thienemanniella lobapodema</i>	2			
82141	<i>Thienemanniella xena</i>	18			
82820	<i>Cryptochironomus sp</i>	6			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	3			
83840	<i>Microtendipes pedellus group</i>	3			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	12			
84460	<i>Polypedilum (P.) fallax group</i>	84			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	54 +			
84700	<i>Stenochironomus sp</i>	+			
85615	<i>Rheotanytarsus pellucidus</i>	+			

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

Collection Date: 08/28/2003 River Code: 02-400 RM: 63.50 Site: Olentangy River Lyons Rd.

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	1			
03360	<i>Plumatella sp</i>	+	No. Quantitative Taxa: 32		Total Taxa: 41
04680	<i>Placobdella sp</i>	+	No. Qualitative Taxa: 16		ICI: 40
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	Number of Organisms: 912		Qual EPT: 2
11020	<i>Acerpenna pygmaea</i>	2			
11130	<i>Baetis intercalaris</i>	13			
12200	<i>Isonychia sp</i>	6			
13400	<i>Stenacron sp</i>	185 +			
13521	<i>Stenonema femoratum</i>	8			
13561	<i>Stenonema pulchellum</i>	1			
21200	<i>Calopteryx sp</i>	+			
22300	<i>Argia sp</i>	8 +			
23909	<i>Boyeria vinosa</i>	+			
52200	<i>Cheumatopsyche sp</i>	158 +			
68075	<i>Psephenus herricki</i>	+			
68601	<i>Ancyronyx variegata</i>	1 +			
68708	<i>Dubiraphia vittata group</i>	2			
68901	<i>Macronychus glabratus</i>	27 +			
69400	<i>Stenelmis sp</i>	+			
77115	<i>Ablabesmyia janta</i>	9			
77120	<i>Ablabesmyia mallochi</i>	4			
77500	<i>Conchapelopia sp</i>	13			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	26			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
80360	<i>Corynoneura "celeripes" (sensu Simpson & Bode, 1980)</i>	3			
80370	<i>Corynoneura lobata</i>	37			
82121	<i>Thienemanniella lobapodema</i>	89			
82141	<i>Thienemanniella xena</i>	4			
83840	<i>Microtendipes pedellus group</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	9			
84460	<i>Polypedilum (P.) fallax group</i>	9			
84470	<i>Polypedilum (P.) illinoense</i>	4			
84700	<i>Stenochironomus sp</i>	4			
84800	<i>Tribelos jucundum</i>	4			
85500	<i>Paratanytarsus sp</i>	21			
85615	<i>Rheotanytarsus pellucidus</i>	13			
85625	<i>Rheotanytarsus sp</i>	179 +			
85821	<i>Tanytarsus glabrescens group sp 7</i>	47			
87540	<i>Hemerodromia sp</i>	2			
93900	<i>Elimia sp</i>	17 +			
96900	<i>Ferrissia sp</i>	6			

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

Collection Date: 08/28/2003 River Code: 02-400 RM: 58.80 Site: Olentangy River St. Rt. 746

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	87540	<i>Hemerodromia sp</i>	80
01320	<i>Hydra sp</i>	8	93900	<i>Elimia sp</i>	11 +
03045	<i>Fredericella indica</i>	2	95100	<i>Physella sp</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	1 +	96900	<i>Ferrissia sp</i>	2
08601	<i>Hydrachnidia</i>	+	97601	<i>Corbicula fluminea</i>	+
11020	<i>Acerpenna pygmaea</i>	54 +	98600	<i>Sphaerium sp</i>	+
11130	<i>Baetis intercalaris</i>	854 +	99100	<i>Pyganodon grandis</i>	+
12200	<i>Isonychia sp</i>	20 +			
13000	<i>Leucrocota sp</i>	6	No. Quantitative Taxa: 27		Total Taxa: 51
13400	<i>Stenacron sp</i>	80 +	No. Qualitative Taxa: 40		ICI: 44
13561	<i>Stenonema pulchellum</i>	21	Number of Organisms: 3110		Qual EPT: 11
13570	<i>Stenonema terminatum</i>	2			
13590	<i>Stenonema vicarium</i>	+			
21200	<i>Calopteryx sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
23909	<i>Boyeria vinosa</i>	+			
43300	<i>Ranatra sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
50315	<i>Chimarra obscura</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	803 +			
52530	<i>Hydropsyche depravata group</i>	57 +			
53400	<i>Protophila sp</i>	+			
57400	<i>Neophylax sp</i>	+			
59970	<i>Petrophila sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68601	<i>Ancyronyx variegata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	7 +			
69400	<i>Stenelmis sp</i>	6 +			
71100	<i>Hexatoma sp</i>	+			
74100	<i>Simulium sp</i>	104 +			
77500	<i>Conchapelopia sp</i>	34 +			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
78450	<i>Nilotanytus fimbriatus</i>	23 +			
80370	<i>Corynoneura lobata</i>	32			
80430	<i>Cricotopus (C.) tremulus group</i>	+			
81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	34			
82100	<i>Thienemanniella sp</i>	8			
82141	<i>Thienemanniella xena</i>	36			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	34 +			
85615	<i>Rheotanytarsus pellucidus</i>	79 +			
85625	<i>Rheotanytarsus sp</i>	712 +			

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

Collection Date: 08/29/2003 River Code: 02-400 RM: 54.70 Site: Olentangy River

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	+
03360	<i>Plumatella sp</i>	+			
03600	<i>Oligochaeta</i>	+	78450	<i>Nilotanypus fimbriatus</i>	+
04680	<i>Placobdella sp</i>	+	81270	<i>Nanocladius (N.) spinipennis</i>	+
06201	<i>Hyaella azteca</i>	+	82820	<i>Cryptochironomus sp</i>	+
07840	<i>Cambarus (Cambarus) sciotensis</i>	+	83040	<i>Dicrotendipes neomodestus</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	84315	<i>Phaenopsectra flavipes</i>	+
08601	<i>Hydrachnidia</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	+
11120	<i>Baetis flavistriga</i>	+	84470	<i>Polypedilum (P.) illinoense</i>	+
11200	<i>Callibaetis sp</i>	+	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+
11650	<i>Procloeon sp (w/ hindwing pads)</i>	+	84888	<i>Xenochironomus xenolabis</i>	+
11670	<i>Procloeon viridoculare</i>	+	85500	<i>Paratanytarsus sp</i>	+
12200	<i>Isonychia sp</i>	+	85625	<i>Rheotanytarsus sp</i>	+
13000	<i>Leucrocota sp</i>	+	87540	<i>Hemerodromia sp</i>	+
13100	<i>Nixe sp</i>	+	93900	<i>Elimia sp</i>	+
13400	<i>Stenacron sp</i>	+	95100	<i>Physella sp</i>	+
13561	<i>Stenonema pulchellum</i>	+	96900	<i>Ferrissia sp</i>	+
13570	<i>Stenonema terminatum</i>	+	98200	<i>Pisidium sp</i>	+
17200	<i>Caenis sp</i>	+	98600	<i>Sphaerium sp</i>	+
21200	<i>Calopteryx sp</i>	+	99860	<i>Lampsilis radiata luteola</i>	+
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 63
23909	<i>Boyeria vinosa</i>	+	No. Qualitative Taxa: 63		ICI:
24107	<i>Nasiaeschna pentacantha</i>	+	Number of Organisms: 0		Qual EPT: 19
27500	<i>Somatochlora sp</i>	+			
42700	<i>Belostoma sp</i>	+			
48410	<i>Corydalis cornutus</i>	+			
50315	<i>Chimarra obscura</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53400	<i>Protophila sp</i>	+			
57400	<i>Neophylax sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
59700	<i>Triaenodes sp</i>	+			
59970	<i>Petrophila sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68601	<i>Ancyronyx variegata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69400	<i>Stenelmis sp</i>	+			
71100	<i>Hexatoma sp</i>	+			
74100	<i>Simulium sp</i>	+			
77500	<i>Conchapelopia sp</i>	+			

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

Collection Date: 08/29/2003 River Code: 02-400 RM: 50.30 Site: Olentangy River upst. St. Rt. 529

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	8	77500	<i>Conchapelopia sp</i>	9
02600	<i>Nematomorpha</i>	+	77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	3
03600	<i>Oligochaeta</i>	+	78450	<i>Nilotanypus fimbriatus</i>	2
04686	<i>Placobdella papillifera</i>	+	80360	<i>Corynoneura "celeripes" (sensu Simpson & Bode, 1980)</i>	8
05900	<i>Lirceus sp</i>	+	80370	<i>Corynoneura lobata</i>	10
06201	<i>Hyaella azteca</i>	+	80420	<i>Cricotopus (C.) bicinctus</i>	6
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	3
11020	<i>Acerpenna pygmaea</i>	22	82101	<i>Thienemanniella taurocapita</i>	14
11120	<i>Baetis flavistriga</i>	20	82121	<i>Thienemanniella lobapodema</i>	18
11130	<i>Baetis intercalaris</i>	60 +	82141	<i>Thienemanniella xena</i>	2
12200	<i>Isonychia sp</i>	15 +	82820	<i>Cryptochironomus sp</i>	+
13000	<i>Leucrocuta sp</i>	2 +	83840	<i>Microtendipes pedellus group</i>	11 +
13100	<i>Nixe sp</i>	+	84300	<i>Phaenopsectra obediens group</i>	3
13400	<i>Stenacron sp</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	39 +
13521	<i>Stenonema femoratum</i>	+	84460	<i>Polypedilum (P.) fallax group</i>	6
13561	<i>Stenonema pulchellum</i>	363 +	84470	<i>Polypedilum (P.) illinoense</i>	3 +
13570	<i>Stenonema terminatum</i>	+	84700	<i>Stenochironomus sp</i>	6
17200	<i>Caenis sp</i>	+	84800	<i>Tribelos jucundum</i>	+
21200	<i>Calopteryx sp</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	3
22300	<i>Argia sp</i>	+	85625	<i>Rheotanytarsus sp</i>	83 +
23909	<i>Boyeria vinosa</i>	+	85720	<i>Stempellinella n.sp nr. flavidula</i>	1
34700	<i>Agnatina capitata complex</i>	14 +	85800	<i>Tanytarsus sp</i>	3
47600	<i>Sialis sp</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	6
50315	<i>Chimarra obscura</i>	+	85840	<i>Tanytarsus sepp</i>	3
51600	<i>Polycentropus sp</i>	+	87540	<i>Hemerodromia sp</i>	8
52200	<i>Cheumatopsyche sp</i>	108 +	93900	<i>Elimia sp</i>	7 +
52430	<i>Ceratopsyche morosa group</i>	9 +	95100	<i>Physella sp</i>	+
52530	<i>Hydropsyche depravata group</i>	+	96900	<i>Ferrissia sp</i>	2
52540	<i>Hydropsyche dicantha</i>	+	97601	<i>Corbicula fluminea</i>	+
53400	<i>Protoptila sp</i>	+	98200	<i>Pisidium sp</i>	+
57400	<i>Neophylax sp</i>	+	98600	<i>Sphaerium sp</i>	+
57900	<i>Pycnopsyche sp</i>	+			
59310	<i>Mystacides sepulchralis</i>	+			
59970	<i>Petrophila sp</i>	2 +			
67000	<i>Helophorus sp</i>	+	No. Quantitative Taxa: 40		Total Taxa: 75
68025	<i>Ectopria sp</i>	+	No. Qualitative Taxa: 50		ICI: 48
68075	<i>Psephenus herricki</i>	+	Number of Organisms: 908		Qual EPT: 20
68601	<i>Ancyronyx variegata</i>	2			
68702	<i>Dubiraphia bivittata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	8 +			
69400	<i>Stenelmis sp</i>	15 +			
71100	<i>Hexatoma sp</i>	+			
74100	<i>Simulium sp</i>	1			

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

Collection Date: 08/28/2003 River Code: 02-400 RM: 45.50 Site: Olentangy River

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	77120	<i>Ablabesmyia mallochi</i>	30
01801	<i>Turbellaria</i>	2	77500	<i>Conchapelopia sp</i>	61
03600	<i>Oligochaeta</i>	16 +	77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	61 +
05900	<i>Lirceus sp</i>	+	77800	<i>Helopelopia sp</i>	+
06201	<i>Hyaella azteca</i>	+	78450	<i>Nilotanypus fimbriatus</i>	32 +
07701	<i>Cambaridae</i>	+	80360	<i>Corynoneura "celeripes" (sensu Simpson & Bode, 1980)</i>	16
08601	<i>Hydrachnidia</i>	+	80370	<i>Corynoneura lobata</i>	64
11020	<i>Acerpenna pygmaea</i>	153	80410	<i>Cricotopus (C.) sp</i>	30
11120	<i>Baetis flavistriga</i>	27 +	80420	<i>Cricotopus (C.) bicinctus</i>	+
11130	<i>Baetis intercalaris</i>	308 +	81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	+
12200	<i>Isonychia sp</i>	49 +	82121	<i>Thienemanniella lobapodema</i>	48 +
13000	<i>Leucrocuta sp</i>	22 +	82141	<i>Thienemanniella xena</i>	32
13100	<i>Nixe sp</i>	+	82820	<i>Cryptochironomus sp</i>	+
13400	<i>Stenacron sp</i>	312 +	83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+
13510	<i>Stenonema exiguum</i>	6	84450	<i>Polypedilum (Uresipedilum) flavum</i>	183 +
13561	<i>Stenonema pulchellum</i>	384 +	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+
13570	<i>Stenonema terminatum</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	456 +
16700	<i>Tricorythodes sp</i>	+	85625	<i>Rheotanytarsus sp</i>	2252 +
17200	<i>Caenis sp</i>	+	85802	<i>Tanytarsus curticornis group</i>	+
19107	<i>Ephoron leukon</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	7
22001	<i>Coenagrionidae</i>	+	87540	<i>Hemerodromia sp</i>	112 +
22300	<i>Argia sp</i>	32 +	95100	<i>Physella sp</i>	+
23909	<i>Boyeria vinosa</i>	+	97601	<i>Corbicula fluminea</i>	+
34700	<i>Agnatina capitata complex</i>	1 +	99100	<i>Pyganodon grandis</i>	+
48410	<i>Corydalis cornutus</i>	2 +	99860	<i>Lampsilis radiata luteola</i>	+
49101	<i>Sisyridae</i>	+			
50315	<i>Chimarra obscura</i>	+			
51300	<i>Neureclipsis sp</i>	1			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	578 +	No. Quantitative Taxa: 37	Total Taxa: 69	
52430	<i>Ceratopsyche morosa group</i>	124 +	No. Qualitative Taxa: 55	ICI: 52	
52530	<i>Hydropsyche depravata group</i>	1	Number of Organisms: 5450	Qual EPT: 20	
52540	<i>Hydropsyche dicantha</i>	1 +			
52590	<i>Hydropsyche venularis</i>	12			
53400	<i>Protoptila sp</i>	+			
53800	<i>Hydroptila sp</i>	16 +			
57400	<i>Neophylax sp</i>	+			
59970	<i>Petrophila sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68601	<i>Ancyronyx variegata</i>	1 +			
68901	<i>Macronychus glabratus</i>	2			
69400	<i>Stenelmis sp</i>	+			
71100	<i>Hexatoma sp</i>	+			
74100	<i>Simulium sp</i>	16 +			

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

Collection Date: 09/08/2003 River Code: 02-400 RM: 41.00 Site: Olentangy River upst. Waldo-Fulton Rd.

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	2 +	80370	<i>Corynoneura lobata</i>	8
03600	<i>Oligochaeta</i>	+	80420	<i>Cricotopus (C.) bicinctus</i>	+
05900	<i>Lirceus sp</i>	18 +	81229	<i>Nanocladius (N.) crassicornus</i>	46
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	81250	<i>Nanocladius (N.) minimus</i>	23
08601	<i>Hydrachnidia</i>	+	81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	46
11020	<i>Acerpenna pygmaea</i>	3	82121	<i>Thienemanniella lobapodema</i>	8
11120	<i>Baetis flavistriga</i>	+	82130	<i>Thienemanniella similis</i>	8
11130	<i>Baetis intercalaris</i>	309 +	82141	<i>Thienemanniella xena</i>	8
12200	<i>Isonychia sp</i>	70	82220	<i>Tvetenia discoloripes group</i>	23
13000	<i>Leucrocuta sp</i>	6 +	83040	<i>Dicrotendipes neomodestus</i>	+
13100	<i>Nixe sp</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	298 +
13400	<i>Stenacron sp</i>	+	84460	<i>Polypedilum (P.) fallax group</i>	+
13521	<i>Stenonema femoratum</i>	+	84470	<i>Polypedilum (P.) illinoense</i>	+
13561	<i>Stenonema pulchellum</i>	970 +	84700	<i>Stenochironomus sp</i>	46
16700	<i>Tricorythodes sp</i>	+	85201	<i>Cladotanytarsus species group A</i>	+
18600	<i>Ephemera sp</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	92
22001	<i>Coenagrionidae</i>	+	85625	<i>Rheotanytarsus sp</i>	1171 +
22300	<i>Argia sp</i>	1 +	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
34700	<i>Agnatina capitata complex</i>	3	87540	<i>Hemerodromia sp</i>	128
43300	<i>Ranatra sp</i>	+			
45100	<i>Palmacorixa sp</i>	+	No. Quantitative Taxa: 35 Total Taxa: 62		
47600	<i>Sialis sp</i>	+	No. Qualitative Taxa: 41 ICI: 46		
48410	<i>Corydalis cornutus</i>	8	Number of Organisms: 6277 Qual EPT: 15		
51300	<i>Neureclipsis sp</i>	1			
52200	<i>Cheumatopsyche sp</i>	2575 +			
52430	<i>Ceratopsyche morosa group</i>	177 +			
52540	<i>Hydropsyche dicantha</i>	90			
53400	<i>Protophila sp</i>	+			
59310	<i>Mystacides sepulchralis</i>	+			
59410	<i>Nectopsyche diarina</i>	+			
59500	<i>Oecetis sp</i>	1			
59510	<i>Oecetis avara</i>	+			
59970	<i>Petrophila sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
68075	<i>Psephenus herricki</i>	1 +			
68601	<i>Ancyronyx variegata</i>	48 +			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	35 +			
69400	<i>Stenelmis sp</i>	22 +			
74100	<i>Simulium sp</i>	1			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	23			
80360	<i>Corynoneura "celeripes" (sensu Simpson & Bode, 1980)</i>	8			

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

Collection Date: 09/11/2003 River Code: 02-400 RM: 32.10 Site: Olentangy River upst. Main St.

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	924 +			
01900	<i>Nemertea</i>	16			
03600	<i>Oligochaeta</i>	144 +			
05900	<i>Lirceus sp</i>	+			
06201	<i>Hyaella azteca</i>	+			
06700	<i>Crangonyx sp</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
11120	<i>Baetis flavistriga</i>	2			
11130	<i>Baetis intercalaris</i>	17			
13400	<i>Stenacron sp</i>	354 +			
13521	<i>Stenonema femoratum</i>	1 +			
13550	<i>Stenonema mexicanum integrum</i>	1			
13561	<i>Stenonema pulchellum</i>	40 +			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	10 +			
44501	<i>Corixidae</i>	+			
51206	<i>Cyrnellus fraternus</i>	67			
51600	<i>Polycentropus sp</i>	1 +			
52200	<i>Cheumatopsyche sp</i>	3962 +			
52430	<i>Ceratopsyche morosa group</i>	237 +			
52540	<i>Hydropsyche dicantha</i>	5 +			
52590	<i>Hydropsyche venularis</i>	14 +			
53800	<i>Hydroptila sp</i>	65 +			
65800	<i>Berosus sp</i>	+			
68901	<i>Macronychus glabratus</i>	1			
69400	<i>Stenelmis sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
80370	<i>Corynoneura lobata</i>	30			
80420	<i>Cricotopus (C.) bicinctus</i>	30			
80430	<i>Cricotopus (C.) tremulus group</i>	30			
81240	<i>Nanocladius (N.) distinctus</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	1495 +			
84460	<i>Polypedilum (P.) fallax group</i>	30			
84470	<i>Polypedilum (P.) illinoense</i>	+			
85625	<i>Rheotanytarsus sp</i>	1495 +			
87540	<i>Hemerodromia sp</i>	135 +			
96120	<i>Menetus (Micromenetus) dilatatus</i>	+			
96900	<i>Ferrissia sp</i>	32			
97601	<i>Corbicula fluminea</i>	+			

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

Collection Date: 09/11/2003 River Code: 02-400 RM: 28.20 Site: Olentangy River upst. Panhandle Rd.

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	56	84210	<i>Paratendipes albimanus</i> or <i>P. duplicatus</i>	+
01801	<i>Turbellaria</i>	154 +	84450	<i>Polypedilum (Uresipedilum) flavum</i>	12
01900	<i>Nemertea</i>	8	84460	<i>Polypedilum (P.) fallax</i> group	+
03451	<i>Urnatella gracilis</i>	9	84470	<i>Polypedilum (P.) illinoense</i>	12 +
03600	<i>Oligochaeta</i>	1131 +	84790	<i>Tribelos fuscicorne</i>	23
05800	<i>Caecidotea sp</i>	1	84800	<i>Tribelos jucundum</i>	92 +
05900	<i>Lirceus sp</i>	4	84960	<i>Pseudochironomus sp</i>	196
06201	<i>Hyalella azteca</i>	9 +	85264	<i>Cladotanytarsus vanderwulpi</i> group Type 4	12 +
06700	<i>Crangonyx sp</i>	1 +	85500	<i>Paratanytarsus sp</i>	23
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	85720	<i>Stempellinella n.sp nr. flavidula</i>	12
11200	<i>Callibaetis sp</i>	+	85800	<i>Tanytarsus sp</i>	+
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+	85821	<i>Tanytarsus glabrescens</i> group sp 7	23
13400	<i>Stenacron sp</i>	183 +	85840	<i>Tanytarsus sepp</i>	35 +
13521	<i>Stenonema femoratum</i>	49 +	93200	<i>Hydrobiidae</i>	1
16700	<i>Tricorythodes sp</i>	17	93900	<i>Elimia sp</i>	2
17200	<i>Caenis sp</i>	9	96120	<i>Menetus (Micromenetus) dilatatus</i>	21
18600	<i>Ephemera sp</i>	2			
18750	<i>Hexagenia limbata</i>	1 +	No. Quantitative Taxa: 47		Total Taxa: 60
21200	<i>Calopteryx sp</i>	+	No. Qualitative Taxa: 30		ICI: 28
22001	<i>Coenagrionidae</i>	4 +	Number of Organisms: 3216		Qual EPT: 6
22300	<i>Argia sp</i>	27 +			
24107	<i>Nasiaeschna pentacantha</i>	+			
43570	<i>Neoplea sp</i>	+			
45100	<i>Palmacorixa sp</i>	+			
47600	<i>Sialis sp</i>	2			
51206	<i>Cyrnellus fraternus</i>	62			
51600	<i>Polycentropus sp</i>	67 +			
52001	<i>Hydropsychidae</i>	8			
60900	<i>Peltodytes sp</i>	+			
65800	<i>Berosus sp</i>	+			
68708	<i>Dubiraphia vittata</i> group	49			
68901	<i>Macronychus glabratus</i>	1			
72700	<i>Anopheles sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	12 +			
80370	<i>Corynoneura lobata</i>	8			
80410	<i>Cricotopus (C.) sp</i>	12			
81231	<i>Nanocladius (N.) crassicornus</i> or <i>N. (N.) "rectinervis"</i>	35			
82820	<i>Cryptochironomus sp</i>	12 +			
83040	<i>Dicrotendipes neomodestus</i>	173 +			
83050	<i>Dicrotendipes lucifer</i>	81			
83051	<i>Dicrotendipes simpsoni</i>	12			
83300	<i>Glyptotendipes (G.) sp</i>	426			
83840	<i>Microtendipes pedellus</i> group	104			
84020	<i>Parachironomus carinatus</i>	23			

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

Collection Date: 09/11/2003 River Code: 02-400 RM: 27.40 Site: Olentangy River adj. Hudson Rd.

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	68901	<i>Macronychus glabratus</i>	11 +
01801	<i>Turbellaria</i>	522 +	69400	<i>Stenelmis sp</i>	95 +
03600	<i>Oligochaeta</i>	48 +	71100	<i>Hexatoma sp</i>	+
05900	<i>Lirceus sp</i>	3 +	74100	<i>Simulium sp</i>	+
06201	<i>Hyaella azteca</i>	+	77500	<i>Conchapelopia sp</i>	63 +
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	21 +
08601	<i>Hydrachnidia</i>	8 +	77800	<i>Helopelopia sp</i>	+
11120	<i>Baetis flavistriga</i>	12 +	78450	<i>Nilotanytus fimbriatus</i>	48 +
11130	<i>Baetis intercalaris</i>	65 +	78750	<i>Rheopelopia paramaculipennis</i>	+
12200	<i>Isonychia sp</i>	7 +	80310	<i>Cardiocladius obscurus</i>	+
13000	<i>Leucrocota sp</i>	+	80360	<i>Corynoneura "celeripes" (sensu Simpson & Bode, 1980)</i>	40
13100	<i>Nixe sp</i>	+	82820	<i>Cryptochironomus sp</i>	+
13400	<i>Stenacron sp</i>	+	83840	<i>Microtendipes pedellus group</i>	21
13521	<i>Stenonema femoratum</i>	+	84300	<i>Phaenopsectra obediens group</i>	+
13561	<i>Stenonema pulchellum</i>	660 +	84450	<i>Polypedilum (Uresipedilum) flavum</i>	1063 +
16324	<i>Serratella deficiens</i>	48	84490	<i>Polypedilum (Cerobregma) ontario</i>	1
16700	<i>Tricorythodes sp</i>	16 +	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+
17200	<i>Caenis sp</i>	3 +	84700	<i>Stenochironomus sp</i>	+
18100	<i>Anthopotamus sp</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	21
18600	<i>Ephemera sp</i>	+	85625	<i>Rheotanytarsus sp</i>	604 +
21200	<i>Calopteryx sp</i>	+	87540	<i>Hemerodromia sp</i>	72 +
21300	<i>Hetaerina sp</i>	+	93900	<i>Elimia sp</i>	+
22001	<i>Coenagrionidae</i>	+	96900	<i>Ferrissia sp</i>	+
22300	<i>Argia sp</i>	2 +	96930	<i>Laevapex fuscus</i>	+
26700	<i>Macromia sp</i>	+	97601	<i>Corbicula fluminea</i>	+
34700	<i>Agnatina capitata complex</i>	45 +	99120	<i>Utterbackia imbecillis</i>	+
47600	<i>Sialis sp</i>	+			
48410	<i>Corydalus cornutus</i>	1 +			
50315	<i>Chimarra obscura</i>	+			
51600	<i>Polycentropus sp</i>	33 +	No. Quantitative Taxa: 32		Total Taxa: 70
52200	<i>Cheumatopsyche sp</i>	3731 +	No. Qualitative Taxa: 65		ICI: 44
52430	<i>Ceratopsyche morosa group</i>	551 +	Number of Organisms: 8156		Qual EPT: 27
52530	<i>Hydropsyche depravata group</i>	42 +			
52540	<i>Hydropsyche dicantha</i>	167 +			
52620	<i>Macrostemum zebratum</i>	132 +			
53400	<i>Protoptila sp</i>	+			
53501	<i>Hydroptilidae</i>	+			
57400	<i>Neophylax sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59110	<i>Ceraclea ancylus</i>	+			
59310	<i>Mystacides sepulchralis</i>	+			
59570	<i>Oecetis nocturna</i>	+			
59970	<i>Petrophila sp</i>	+			
68075	<i>Psephenus herricki</i>	+			

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

Collection Date: 09/11/2003 River Code: 02-400 RM: 24.50 Site: Olentangy River

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	81650	<i>Parametriocnemus sp</i>	18
01320	<i>Hydra sp</i>	40	82130	<i>Thienemanniella similis</i>	+
01801	<i>Turbellaria</i>	345 +	82220	<i>Tvetenia discoloripes group</i>	6 +
03600	<i>Oligochaeta</i>	72 +	82820	<i>Cryptochironomus sp</i>	+
05900	<i>Lirceus sp</i>	11 +	83300	<i>Glyptotendipes (G.) sp</i>	6
06201	<i>Hyalella azteca</i>	+	83840	<i>Microtendipes pedellus group</i>	12 +
06700	<i>Crangonyx sp</i>	+	84300	<i>Phaenopsectra obediens group</i>	+
11119	<i>Plauditus dubius or P. virilis</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	455 +
11130	<i>Baetis intercalaris</i>	251 +	84460	<i>Polypedilum (P.) fallax group</i>	6
12200	<i>Isonychia sp</i>	3 +	84470	<i>Polypedilum (P.) illinoense</i>	6 +
13000	<i>Leucrocuta sp</i>	+	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+
13400	<i>Stenacron sp</i>	52 +	85264	<i>Cladotanytarsus vanderwulpi group Type 4</i>	6
13521	<i>Stenonema femoratum</i>	+	85265	<i>Cladotanytarsus vanderwulpi group Type 5</i>	+
13561	<i>Stenonema pulchellum</i>	599 +	85625	<i>Rheotanytarsus sp</i>	71 +
16700	<i>Tricorythodes sp</i>	1 +	85720	<i>Stempellinella n.sp nr. flavidula</i>	8
17200	<i>Caenis sp</i>	56	85821	<i>Tanytarsus glabrescens group sp 7</i>	18
18600	<i>Ephemera sp</i>	+	85840	<i>Tanytarsus sepp</i>	+
21200	<i>Calopteryx sp</i>	+	93900	<i>Elimia sp</i>	13 +
22001	<i>Coenagrionidae</i>	+	96900	<i>Ferrissia sp</i>	9 +
22300	<i>Argia sp</i>	21 +	97601	<i>Corbicula fluminea</i>	20 +
34700	<i>Agnatina capitata complex</i>	+	98600	<i>Sphaerium sp</i>	+
50315	<i>Chimarra obscura</i>	1 +			
52200	<i>Cheumatopsyche sp</i>	1383 +	No. Quantitative Taxa: 39		Total Taxa: 65
52430	<i>Ceratopsyche morosa group</i>	126 +	No. Qualitative Taxa: 51		ICI: 50
52540	<i>Hydropsyche dicantha</i>	1 +	Number of Organisms: 3762		Qual EPT: 21
52580	<i>Hydropsyche valanis</i>	3 +			
52590	<i>Hydropsyche venularis</i>	12 +			
53800	<i>Hydroptila sp</i>	+			
54000	<i>Leucotrichia pictipes</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59110	<i>Ceraclea ancylus</i>	+			
59415	<i>Nectopsyche exquisita</i>	+			
59970	<i>Petrophila sp</i>	+			
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68901	<i>Macronychus glabratus</i>	2			
69400	<i>Stenelmis sp</i>	50 +			
74100	<i>Simulium sp</i>	1 +			
77500	<i>Conchapelopia sp</i>	12			
77800	<i>Helopelopia sp</i>	6			
78450	<i>Nilotanytus fimbriatus</i>	24			
78750	<i>Rheopelopia paramaculipennis</i>	30			
80310	<i>Cardiocladius obscurus</i>	+			
81229	<i>Nanocladius (N.) crassicornus</i>	6			

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

Collection Date: 09/12/2003 River Code: 02-400 RM: 19.50 Site: Olentangy River upst. Hyatts Rd.

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	38 +	60900	<i>Peltodytes sp</i>	+
03040	<i>Fredericella sp</i>	+	65800	<i>Berosus sp</i>	+
03121	<i>Paludicella articulata</i>	1	68075	<i>Psephenus herricki</i>	+
03600	<i>Oligochaeta</i>	144 +	68901	<i>Macronychus glabratus</i>	2 +
04666	<i>Helobdella triserialis</i>	+	69400	<i>Stenelmis sp</i>	45 +
05900	<i>Lirceus sp</i>	4 +	77120	<i>Ablabesmyia mallochi</i>	+
06201	<i>Hyaella azteca</i>	+	77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	22 +
06700	<i>Crangonyx sp</i>	+	77800	<i>Helopelopia sp</i>	22
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	78750	<i>Rheopelopia paramaculipennis</i>	44 +
11119	<i>Plauditus dubius or P. virilis</i>	+	80310	<i>Cardiocladius obscurus</i>	+
11120	<i>Baetis flavistriga</i>	+	81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	22
11130	<i>Baetis intercalaris</i>	540 +	81240	<i>Nanocladius (N.) distinctus</i>	22
13000	<i>Leucrocota sp</i>	+	81280	<i>Nanocladius (Plecopteracoluthus) downesi</i>	+
13400	<i>Stenacron sp</i>	58 +	82130	<i>Thienemanniella similis</i>	+
13521	<i>Stenonema femoratum</i>	+	82220	<i>Tvetenia discoloripes group</i>	22
13561	<i>Stenonema pulchellum</i>	700 +	82730	<i>Chironomus (C.) decorus group</i>	+
16324	<i>Serratella deficiens</i>	112	82820	<i>Cryptochironomus sp</i>	+
16700	<i>Tricorythodes sp</i>	10 +	83040	<i>Dicrotendipes neomodestus</i>	+
17200	<i>Caenis sp</i>	32 +	83840	<i>Microtendipes pedellus group</i>	22
18100	<i>Anthopotamus sp</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	1081 +
18600	<i>Ephemera sp</i>	1 +	84460	<i>Polypedilum (P.) fallax group</i>	22
18700	<i>Hexagenia sp</i>	+	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	22
21300	<i>Hetaerina sp</i>	+	85264	<i>Cladotanytarsus vanderwulpi group Type 4</i>	44 +
22001	<i>Coenagrionidae</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	+
22300	<i>Argia sp</i>	22 +	85625	<i>Rheotanytarsus sp</i>	596 +
26700	<i>Macromia sp</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	22 +
28208	<i>Erythemis simplicicollis</i>	+	85840	<i>Tanytarsus sepp</i>	44 +
34700	<i>Agnetina capitata complex</i>	66 +	87540	<i>Hemerodromia sp</i>	48
43300	<i>Ranatra sp</i>	+	93900	<i>Elimia sp</i>	+
50315	<i>Chimarra obscura</i>	4 +	96900	<i>Ferrissia sp</i>	10
51400	<i>Nyctiophylax sp</i>	+	96930	<i>Laevapex fuscus</i>	1 +
51600	<i>Polycentropus sp</i>	1 +	97601	<i>Corbicula fluminea</i>	51 +
52200	<i>Cheumatopsyche sp</i>	2535 +			
52430	<i>Ceratopsyche morosa group</i>	556 +			
52590	<i>Hydropsyche venularis</i>	48 +			
52620	<i>Macrostemum zebratum</i>	5 +	No. Quantitative Taxa: 41	Total Taxa: 76	
53400	<i>Protophila sp</i>	+	No. Qualitative Taxa: 64	ICI: 50	
53800	<i>Hydroptila sp</i>	4	Number of Organisms: 7047	Qual EPT: 26	
54000	<i>Leucotrichia pictipes</i>	+			
57400	<i>Neophylax sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59110	<i>Ceraclea ancylus</i>	+			
59310	<i>Mystacides sepulchralis</i>	+			
59970	<i>Petrophila sp</i>	2 +			

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

Collection Date: 09/12/2003 River Code: 02-400 RM: 14.90 Site: Olentangy River

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	69400	<i>Stenelmis sp</i>	163 +
01801	<i>Turbellaria</i>	191 +	71100	<i>Hexatoma sp</i>	+
01900	<i>Nemertea</i>	8	74100	<i>Simulium sp</i>	8 +
03360	<i>Plumatella sp</i>	+	77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	7
03600	<i>Oligochaeta</i>	24 +	77800	<i>Helopelopia sp</i>	+
04935	<i>Erpobdella punctata punctata</i>	+	78750	<i>Rheopelopia paramaculipennis</i>	15 +
06201	<i>Hyaella azteca</i>	+	80310	<i>Cardiocladius obscurus</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	82101	<i>Thienemanniella taurocapita</i>	+
08601	<i>Hydrachnidia</i>	8	82220	<i>Tvetenia discoloripes group</i>	15 +
11130	<i>Baetis intercalaris</i>	101 +	82820	<i>Cryptochironomus sp</i>	+
13000	<i>Leucrocuta sp</i>	+	83040	<i>Dicrotendipes neomodestus</i>	+
13100	<i>Nixe sp</i>	+	83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	15
13400	<i>Stenacron sp</i>	+	83840	<i>Microtendipes pedellus group</i>	+
13521	<i>Stenonema femoratum</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	345 +
13561	<i>Stenonema pulchellum</i>	1070 +	84470	<i>Polypedilum (P.) illinoense</i>	+
16324	<i>Serratella deficiens</i>	136	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+
16700	<i>Tricorythodes sp</i>	+	85264	<i>Cladotanytarsus vanderwulpi group Type 4</i>	+
17200	<i>Caenis sp</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	22 +
18600	<i>Ephemera sp</i>	+	85625	<i>Rheotanytarsus sp</i>	105 +
21300	<i>Hetaerina sp</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	7
22001	<i>Coenagrionidae</i>	+	87501	<i>Empididae</i>	1
22300	<i>Argia sp</i>	5 +	93900	<i>Elimia sp</i>	58 +
25300	<i>Ophiogomphus sp</i>	+	95100	<i>Physella sp</i>	+
26700	<i>Macromia sp</i>	+	96930	<i>Laevapex fuscus</i>	+
34700	<i>Agnatina capitata complex</i>	59 +	97601	<i>Corbicula fluminea</i>	1 +
44501	<i>Corixidae</i>	+	98600	<i>Sphaerium sp</i>	+
50315	<i>Chimarra obscura</i>	12 +	99560	<i>Ptychobranchnus fasciolaris</i>	+
51600	<i>Polycentropus sp</i>	1 +	99860	<i>Lampsilis radiata luteola</i>	+
52200	<i>Cheumatopsyche sp</i>	3232 +	99880	<i>Lampsilis cardium</i>	+
52430	<i>Ceratopsyche morosa group</i>	553 +			
52590	<i>Hydropsyche venularis</i>	2			
52620	<i>Macrostemum zebratum</i>	+			
53400	<i>Protoptila sp</i>	+	No. Quantitative Taxa: 30		Total Taxa: 73
53800	<i>Hydroptila sp</i>	+	No. Qualitative Taxa: 65		ICI: 46
54000	<i>Leucotrichia pictipes</i>	+	Number of Organisms: 6188		Qual EPT: 24
57400	<i>Neophylax sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59110	<i>Ceraclaea ancylus</i>	+			
59415	<i>Nectopsyche exquisita</i>	+			
59510	<i>Oecetis avara</i>	8 +			
59700	<i>Triaenodes sp</i>	+			
59970	<i>Petrophila sp</i>	+			
68075	<i>Psephenus herricki</i>	2 +			
68901	<i>Macronychus glabratus</i>	14 +			

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

Collection Date: 09/12/2003 River Code: 02-400 RM: 13.20 Site: Olentangy River dst. OECC WWTP

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	8	69400	<i>Stenelmis sp</i>	201 +
01801	<i>Turbellaria</i>	82 +	74100	<i>Simulium sp</i>	8 +
03040	<i>Fredericella sp</i>	1 +	77740	<i>Hayesomyia senata</i>	32 +
03360	<i>Plumatella sp</i>	+	77800	<i>Helopelopia sp</i>	21 +
03600	<i>Oligochaeta</i>	40 +	78450	<i>Nilotanypus fimbriatus</i>	16
04601	<i>Glossiphoniidae</i>	1	78750	<i>Rheopelopia paramaculipennis</i>	32
05900	<i>Lirceus sp</i>	1 +	80360	<i>Corynoneura "celeripes" (sensu Simpson & Bode, 1980)</i>	8
06201	<i>Hyaella azteca</i>	+	81650	<i>Parametriocnemus sp</i>	11
06700	<i>Crangonyx sp</i>	+	82101	<i>Thienemanniella taurocapita</i>	+
07800	<i>Cambarus sp</i>	+	82220	<i>Tvetenia discoloripes group</i>	21 +
11120	<i>Baetis flavistriga</i>	+	82820	<i>Cryptochironomus sp</i>	+
11130	<i>Baetis intercalaris</i>	75 +	84300	<i>Phaenopsectra obediens group</i>	11
13000	<i>Leucrocuta sp</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	665 +
13100	<i>Nixe sp</i>	+	84470	<i>Polypedilum (P.) illinoense</i>	21
13400	<i>Stenacron sp</i>	+	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	32 +
13521	<i>Stenonema femoratum</i>	+	85264	<i>Cladotanytarsus vanderwulpi group Type 4</i>	11 +
13561	<i>Stenonema pulchellum</i>	236 +	85500	<i>Paratanytarsus sp</i>	+
13570	<i>Stenonema terminatum</i>	+	85625	<i>Rheotanytarsus sp</i>	+
16324	<i>Serratella deficiens</i>	32	85720	<i>Stempellinella n.sp nr. flavidula</i>	16
16700	<i>Tricorythodes sp</i>	8 +	85800	<i>Tanytarsus sp</i>	+
17200	<i>Caenis sp</i>	+	85802	<i>Tanytarsus curticornis group</i>	11
18100	<i>Anthopotamus sp</i>	17 +	85821	<i>Tanytarsus glabrescens group sp 7</i>	64
18600	<i>Ephemera sp</i>	3 +	85840	<i>Tanytarsus sepp</i>	11 +
21200	<i>Calopteryx sp</i>	+	87540	<i>Hemerodromia sp</i>	17
22001	<i>Coenagrionidae</i>	+	93900	<i>Elimia sp</i>	22 +
22300	<i>Argia sp</i>	6 +	96900	<i>Ferrissia sp</i>	16 +
34700	<i>Agnatina capitata complex</i>	40 +	97601	<i>Corbicula fluminea</i>	1 +
48600	<i>Nigronia sp</i>	+	99860	<i>Lampsilis radiata luteola</i>	+
50315	<i>Chimarra obscura</i>	12 +	99880	<i>Lampsilis cardium</i>	+
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	3316 +	No. Quantitative Taxa: 45		Total Taxa: 73
52430	<i>Ceratopsyche morosa group</i>	442 +	No. Qualitative Taxa: 59		ICI: 50
52590	<i>Hydropsyche venularis</i>	45 +	Number of Organisms: 5654		Qual EPT: 24
53400	<i>Protophila sp</i>	16 +			
57400	<i>Neophylax sp</i>	+			
58505	<i>Helicopsyche borealis</i>	1 +			
59110	<i>Ceraclea ancylus</i>	+			
59300	<i>Mystacides sp</i>	+			
59415	<i>Nectopsyche exquisita</i>	+			
59510	<i>Oecetis avara</i>	1			
59970	<i>Petrophila sp</i>	+			
65800	<i>Berosus sp</i>	+			
68075	<i>Psephenus herricki</i>	3 +			
68901	<i>Macronychus glabratus</i>	20 +			

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

Collection Date: 09/15/2003 River Code: 02-400 RM: 4.00 Site: Olentangy River

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	92613	<i>Cipangopaludina chinensis malleata</i>	+
03600	<i>Oligochaeta</i>	+	93900	<i>Elimia sp</i>	+
04664	<i>Helobdella stagnalis</i>	+	96002	<i>Helisoma anceps anceps</i>	+
04964	<i>Mooreobdella microstoma</i>	+	96900	<i>Ferrissia sp</i>	+
05800	<i>Caecidotea sp</i>	+	97601	<i>Corbicula fluminea</i>	+
06201	<i>Hyalella azteca</i>	+	98600	<i>Sphaerium sp</i>	+
11120	<i>Baetis flavistriga</i>	+			
11130	<i>Baetis intercalaris</i>	+	No. Quantitative Taxa: 0		Total Taxa: 50
12200	<i>Isonychia sp</i>	+	No. Qualitative Taxa: 50		ICI:
13000	<i>Leucrocuta sp</i>	+	Number of Organisms: 0		Qual EPT: 15
13100	<i>Nixe sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
13561	<i>Stenonema pulchellum</i>	+			
16700	<i>Tricorythodes sp</i>	+			
21200	<i>Calopteryx sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
26700	<i>Macromia sp</i>	+			
27307	<i>Epitheca (Epicordulia) princeps</i>	+			
34300	<i>Neoperla clymene complex</i>	+			
51300	<i>Neureclipsis sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52315	<i>Diplectrona modesta</i>	+			
52430	<i>Ceratopsyche morosa group</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59415	<i>Nectopsyche exquisita</i>	+			
59970	<i>Petrophila sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
74100	<i>Simulium sp</i>	+			
78350	<i>Meropelopia sp</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
80440	<i>Cricotopus (C.) trifascia</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84300	<i>Phaenopsectra obediens group</i>	+			
84315	<i>Phaenopsectra flavipes</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
85264	<i>Cladotanytarsus vanderwulpi group Type 4</i>	+			
85615	<i>Rheotanytarsus pellucidus</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85800	<i>Tanytarsus sp</i>	+			

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

Collection Date: 09/16/2003 River Code: 02-400 RM: 2.10 Site: Olentangy River

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	24			
01801	<i>Turbellaria</i>	35 +			
01900	<i>Nemertea</i>	16			
03600	<i>Oligochaeta</i>	328 +			
04664	<i>Helobdella stagnalis</i>	+			
05800	<i>Caecidotea sp</i>	1 +			
06201	<i>Hyaella azteca</i>	282 +			
13400	<i>Stenacron sp</i>	1			
13521	<i>Stenonema femoratum</i>	18			
17200	<i>Caenis sp</i>	16			
18600	<i>Ephemera sp</i>	1			
22001	<i>Coenagrionidae</i>	1 +			
22300	<i>Argia sp</i>	52 +			
27307	<i>Epitheca (Epicordulia) princeps</i>	+			
43300	<i>Ranatra sp</i>	+			
43570	<i>Neoplea sp</i>	+			
44501	<i>Corixidae</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
68901	<i>Macronychus glabratus</i>	+			
77355	<i>Clinotanytus pinguis</i>	+			
78655	<i>Procladius (Holotanytus) sp</i>	+			
82880	<i>Cryptotendipes sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	38			
83150	<i>Endochironomus sp</i>	19 +			
83300	<i>Glyptotendipes (G.) sp</i>	1669 +			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84520	<i>Polypedilum (Tripodura) halterale group</i>	+			
85261	<i>Cladotanytarsus vanderwulpi group Type 1</i>	+			
85500	<i>Paratanytarsus sp</i>	19			
85800	<i>Tanytarsus sp</i>	19 +			
85821	<i>Tanytarsus glabrescens group sp 7</i>	19			
92615	<i>Cipangopaludina japonica</i>	20 +			
93200	<i>Hydrobiidae</i>	17 +			
95100	<i>Physella sp</i>	+			
96900	<i>Ferrissia sp</i>	16			
97601	<i>Corbicula fluminea</i>	+			
98200	<i>Pisidium sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 21 Total Taxa: 38
 No. Qualitative Taxa: 28 ICI: 10
 Number of Organisms: 2611 Qual EPT: 1

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Collection Date: 09/16/2003 River Code: 02-400 RM: 1.80 Site: Olentangy River Fifth Ave.

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	290 +	82130	<i>Thienemanniella similis</i>	32 +
03121	<i>Paludicella articulata</i>	+	82220	<i>Tvetenia discoloripes group</i>	61
03600	<i>Oligochaeta</i>	+	82820	<i>Cryptochironomus sp</i>	+
04664	<i>Helobdella stagnalis</i>	+	84040	<i>Parachironomus frequens</i>	26
05800	<i>Caecidotea sp</i>	1	84450	<i>Polypedilum (Uresipedilum) flavum</i>	950 +
06201	<i>Hyaella azteca</i>	+	84470	<i>Polypedilum (P.) illinoense</i>	+
11119	<i>Plauditus dubius or P. virilis</i>	+	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+
11120	<i>Baetis flavistriga</i>	32 +	85500	<i>Paratanytarsus sp</i>	26
11130	<i>Baetis intercalaris</i>	209 +	85615	<i>Rheotanytarsus pellucidus</i>	51
12200	<i>Isonychia sp</i>	1	85625	<i>Rheotanytarsus sp</i>	667 +
13000	<i>Leucrocuta sp</i>	+	85800	<i>Tanytarsus sp</i>	+
13100	<i>Nixe sp</i>	+	85840	<i>Tanytarsus sepp</i>	+
13521	<i>Stenonema femoratum</i>	1	87540	<i>Hemerodromia sp</i>	+
13561	<i>Stenonema pulchellum</i>	2 +	93200	<i>Hydrobiidae</i>	+
13570	<i>Stenonema terminatum</i>	1 +	93900	<i>Elimia sp</i>	3 +
16700	<i>Tricorythodes sp</i>	+	96900	<i>Ferrissia sp</i>	+
18600	<i>Ephemera sp</i>	+	97601	<i>Corbicula fluminea</i>	+
21300	<i>Hetaerina sp</i>	+	98200	<i>Pisidium sp</i>	+
22001	<i>Coenagrionidae</i>	+	98600	<i>Sphaerium sp</i>	+
22300	<i>Argia sp</i>	+	99100	<i>Pyganodon grandis</i>	+
26700	<i>Macromia sp</i>	+	99120	<i>Utterbackia imbecillis</i>	+
51300	<i>Neureclipsis sp</i>	1 +	99240	<i>Lasmigona complanata</i>	+
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	2774 +	No. Quantitative Taxa: 29		Total Taxa: 65
52430	<i>Ceratopsyche morosa group</i>	263 +	No. Qualitative Taxa: 53		ICI: 40
52560	<i>Hydropsyche orris</i>	4	Number of Organisms: 5944		Qual EPT: 15
52580	<i>Hydropsyche valanis</i>	199 +			
59415	<i>Nectopsyche exquisita</i>	+			
59970	<i>Petrophila sp</i>	+			
67400	<i>Hydrophilus sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
69400	<i>Stenelmis sp</i>	40 +			
74100	<i>Simulium sp</i>	65 +			
77115	<i>Ablabesmyia janta</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	51 +			
78400	<i>Natarsia sp</i>	26			
78450	<i>Nilotanytus fimbriatus</i>	32 +			
80310	<i>Cardiocladius obscurus</i>	+			
80370	<i>Corynoneura lobata</i>	8			
80410	<i>Cricotopus (C.) sp</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	51			
81240	<i>Nanocladius (N.) distinctus</i>	77			

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

Collection Date: 09/16/2003 River Code: 02-400 RM: 0.60 Site: Olentangy River railroad bridge near mouth

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	576 +	84040	<i>Parachironomus frequens</i>	16
03600	<i>Oligochaeta</i>	+	84300	<i>Phaenopsectra obediens group</i>	+
06201	<i>Hyaella azteca</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	896 +
08601	<i>Hydrachnidia</i>	24	84460	<i>Polypedilum (P.) fallax group</i>	+
11130	<i>Baetis intercalaris</i>	472 +	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+
12200	<i>Isonychia sp</i>	2 +	84700	<i>Stenochironomus sp</i>	16
13000	<i>Leucrocuta sp</i>	+	85625	<i>Rheotanytarsus sp</i>	299 +
13100	<i>Nixe sp</i>	+	93900	<i>Elimia sp</i>	10 +
13400	<i>Stenacron sp</i>	+	96900	<i>Ferrissia sp</i>	16
13521	<i>Stenonema femoratum</i>	+	96930	<i>Laevapex fuscus</i>	+
13550	<i>Stenonema mexicanum integrum</i>	2	97601	<i>Corbicula fluminea</i>	2 +
13561	<i>Stenonema pulchellum</i>	121 +	98600	<i>Sphaerium sp</i>	+
16700	<i>Tricorythodes sp</i>	+	99240	<i>Lasmigona complanata</i>	+
17200	<i>Caenis sp</i>	+			
18600	<i>Ephemera sp</i>	+	No. Quantitative Taxa: 25		Total Taxa: 56
21300	<i>Hetaerina sp</i>	+	No. Qualitative Taxa: 46		ICI: 40
22001	<i>Coenagrionidae</i>	+	Number of Organisms: 10727		Qual EPT: 15
22300	<i>Argia sp</i>	+			
27307	<i>Epiteca (Epicordulia) princeps</i>	+			
51300	<i>Neureclipsis sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	6847 +			
52430	<i>Ceratopsyche morosa group</i>	388 +			
52580	<i>Hydropsyche valanis</i>	803 +			
59415	<i>Nectopsyche exquisita</i>	+			
59970	<i>Petrophila sp</i>	+			
65800	<i>Berosus sp</i>	+			
67700	<i>Paracymus sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68901	<i>Macronychus glabratus</i>	17			
69400	<i>Stenelmis sp</i>	69 +			
74100	<i>Simulium sp</i>	16 +			
77500	<i>Conchapelopia sp</i>	16			
77800	<i>Helopelopia sp</i>	16 +			
78140	<i>Labrundinia pilosella</i>	+			
80310	<i>Cardiocladius obscurus</i>	+			
80360	<i>Corynoneura "celeripes" (sensu Simpson & Bode, 1980)</i>	8			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	16			
82121	<i>Thienemanniella lobapodema</i>	16			
82220	<i>Tvetenia discoloripes group</i>	63 +			
82820	<i>Cryptochironomus sp</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	+			

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

Collection Date: 07/14/2003 River Code: 02-402 RM: 0.70 Site: Turkey Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+			
01801	<i>Turbellaria</i>	+			
03045	<i>Fredericella indica</i>	+			
03600	<i>Oligochaeta</i>	+			
04663	<i>Helobdella papillata</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
11120	<i>Baetis flavistriga</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53800	<i>Hydroptila sp</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
74100	<i>Simulium sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77500	<i>Conchapelopia sp</i>	+			
80510	<i>Cricotopus (Isocladius) sylvestris group</i>	+			
80740	<i>Eukiefferiella claripennis group</i>	+			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	+			
82141	<i>Thienemanniella xena</i>	+			
83003	<i>Dicrotendipes fumidus</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84315	<i>Phaenopsectra flavipes</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
85400	<i>Micropsectra sp</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
96120	<i>Menetus (Micromenetus) dilatatus</i>	+			
97601	<i>Corbicula fluminea</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: 07/14/2003 River Code: 02-405 RM: 0.50 Site: Deep Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	+			
05900	<i>Lirceus sp</i>	+			
11120	<i>Baetis flavistriga</i>	+			
13521	<i>Stenonema femoratum</i>	+			
15000	<i>Paraleptophlebia sp</i>	+			
23909	<i>Boyeria vinosa</i>	+			
47600	<i>Sialis sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52315	<i>Diplectrona modesta</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
69400	<i>Stenelmis sp</i>	+			
74100	<i>Simulium sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77500	<i>Conchapelopia sp</i>	+			
80351	<i>Corynoneura n.sp 1</i>	+			
80740	<i>Eukiefferiella claripennis group</i>	+			
81650	<i>Parametriocnemus sp</i>	+			
82141	<i>Thienemanniella xena</i>	+			
82200	<i>Tvetenia bavarica group</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
95100	<i>Physella sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 25
No. Qualitative Taxa: 25	ICI:
Number of Organisms: 0	Qual EPT: 7

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

Collection Date: 07/21/2003 River Code: 02-408 RM: 0.70 Site: Mill Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03600	<i>Oligochaeta</i>	+			
05900	<i>Lirceus sp</i>	+			
08200	<i>Orconectes sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53800	<i>Hydroptila sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
67700	<i>Paracymus sp</i>	+			
68025	<i>Ectopria sp</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
69400	<i>Stenelmis sp</i>	+			
71300	<i>Limonia sp</i>	+			
71900	<i>Tipula sp</i>	+			
74100	<i>Simulium sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77500	<i>Conchapelopia sp</i>	+			
80410	<i>Cricotopus (C.) sp</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
80430	<i>Cricotopus (C.) tremulus group</i>	+			
80740	<i>Eukiefferiella claripennis group</i>	+			
81040	<i>Limnophyes sp</i>	+			
81270	<i>Nanocladius (N.) spiniplenus</i>	+			
81650	<i>Parametriocnemus sp</i>	+			
81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	+			
82100	<i>Thienemanniella sp</i>	+			
82200	<i>Tvetenia bavarica group</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84315	<i>Phaenopsectra flavipes</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
85800	<i>Tanytarsus sp</i>	+			
87540	<i>Hemerodromia sp</i>	+			
95907	<i>Gyraulus (Torquis) parvus</i>	+			
98200	<i>Pisidium sp</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 36
 No. Qualitative Taxa: 36 ICI:
 Number of Organisms: 0 Qual EPT: 2

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

Collection Date: 07/21/2003 River Code: 02-410 RM: 1.30 Site: Sugar Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	<hr/> No. Quantitative Taxa: 0 Total Taxa: 41 No. Qualitative Taxa: 41 ICI: Number of Organisms: 0 Qual EPT: 8		
04935	<i>Erpobdella punctata punctata</i>	+			
05900	<i>Lirceus sp</i>	+			
06700	<i>Crangonyx sp</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
11120	<i>Baetis flavistriga</i>	+			
13000	<i>Leucrocuta sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
22001	<i>Coenagrionidae</i>	+			
23600	<i>Aeshna sp</i>	+			
27500	<i>Somatochlora sp</i>	+			
28500	<i>Libellula sp</i>	+			
32200	<i>Amphinemura sp</i>	+			
43205	<i>Nepa apiculata</i>	+			
45300	<i>Sigara sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
59730	<i>Triaenodes melaca</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
69400	<i>Stenelmis sp</i>	+			
74100	<i>Simulium sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77500	<i>Conchapelopia sp</i>	+			
80360	<i>Corynoneura "celeripes" (sensu Simpson & Bode, 1980)</i>	+			
80410	<i>Cricotopus (C.) sp</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	+			
82141	<i>Thienemanniella xena</i>	+			
82820	<i>Cryptochironomus sp</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>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
93200	<i>Hydrobiidae</i>	+			
95100	<i>Physella sp</i>	+			
96900	<i>Ferrissia sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

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

Collection Date: 07/21/2003 River Code: 02-413 RM: 1.30 Site: Norris Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
05900	<i>Lirceus sp</i>	+			
07840	<i>Cambarus (Cambarus) sciotensis</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
11120	<i>Baetis flavistriga</i>	+			
13000	<i>Leucrocuta sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
22001	<i>Coenagrionidae</i>	+			
27500	<i>Somatochlora sp</i>	+			
28955	<i>Plathemis lydia</i>	+			
45400	<i>Trichocorixa sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
63300	<i>Hydroporus sp</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
69400	<i>Stenelmis sp</i>	+			
74100	<i>Simulium sp</i>	+			
77120	<i>Ablabesmyia mallochii</i>	+			
77500	<i>Conchapelopia sp</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
80740	<i>Eukiefferiella claripennis group</i>	+			
82200	<i>Tvetenia bavarica group</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84700	<i>Stenochironomus sp</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85615	<i>Rheotanytarsus pellucidus</i>	+			
85800	<i>Tanytarsus sp</i>	+			
93900	<i>Elimia sp</i>	+			
95100	<i>Physella sp</i>	+			
96002	<i>Helisoma anceps anceps</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 37

No. Qualitative Taxa: 37 ICI:

Number of Organisms: 0 Qual EPT: 5

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

Collection Date: 07/31/2003 River Code: 02-414 RM: 0.90 Site: Indian Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+	No. Quantitative Taxa: 0		Total Taxa: 44
05800	<i>Caecidotea sp</i>	+	No. Qualitative Taxa: 44		ICI:
06700	<i>Crangonyx sp</i>	+	Number of Organisms: 0		Qual EPT: 12
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
11120	<i>Baetis flavistriga</i>	+			
11125	<i>Pseudocloeon frondale</i>	+			
11130	<i>Baetis intercalaris</i>	+			
11650	<i>Procloeon sp (w/ hindwing pads)</i>	+			
11651	<i>Procloeon sp (w/o hindwing pads)</i>	+			
13000	<i>Leucrocuta sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
23700	<i>Anax sp</i>	+			
27500	<i>Somatochlora sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53800	<i>Hydroptila sp</i>	+			
59730	<i>Triaenodes melaca</i>	+			
69400	<i>Stenelmis sp</i>	+			
72700	<i>Anopheles sp</i>	+			
74100	<i>Simulium sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77500	<i>Conchapelopia sp</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
80370	<i>Corynoneura lobata</i>	+			
82141	<i>Thienemanniella xena</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84475	<i>Polypedilum (P.) ophioides</i>	+			
84700	<i>Stenochironomus sp</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85501	<i>Paratanytarsus n.sp 1</i>	+			
85615	<i>Rheotanytarsus pellucidus</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85800	<i>Tanytarsus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
85840	<i>Tanytarsus sepp</i>	+			
86200	<i>Tabanus sp</i>	+			
95100	<i>Physella sp</i>	+			
96264	<i>Planorbella (Pierosoma) pilsbryi</i>	+			

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

Collection Date: 09/10/2003 River Code: 02-415 RM: 0.60 Site: Brondige Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
05900	<i>Lirceus sp</i>	+			
06201	<i>Hyalella azteca</i>	+			
11200	<i>Callibaetis sp</i>	+			
13000	<i>Leucrocuta sp</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
23600	<i>Aeshna sp</i>	+			
23909	<i>Boyeria vinosa</i>	+			
42700	<i>Belostoma sp</i>	+			
45300	<i>Sigara sp</i>	+			
45900	<i>Notonecta sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
59300	<i>Mystacides sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
61100	<i>Acilius sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
69400	<i>Stenelmis sp</i>	+			
78140	<i>Labrundinia pilosella</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
82121	<i>Thienemanniella lobapodema</i>	+			
84469	<i>Polypedilum (P.) illinoense group</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85840	<i>Tanytarsus sepp</i>	+			
95100	<i>Physella sp</i>	+			
96900	<i>Ferrissia sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 28
No. Qualitative Taxa: 28	ICI:
Number of Organisms: 0	Qual EPT: 7

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Collection Date: 09/09/2003 River Code: 02-417 RM: 4.60 Site: QuQua Creek Owens Rd.

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	94400	<i>Fossaria sp</i>	+
03360	<i>Plumatella sp</i>	+	95100	<i>Physella sp</i>	+
03600	<i>Oligochaeta</i>	+	96264	<i>Planorbella (Pierosoma) pilsbryi</i>	+
04664	<i>Helobdella stagnalis</i>	+	98600	<i>Sphaerium sp</i>	+
04935	<i>Erpobdella punctata punctata</i>	+			
06201	<i>Hyalella azteca</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: 7
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
23704	<i>Anax junius</i>	+			
28955	<i>Plathemis lydia</i>	+			
42700	<i>Belostoma sp</i>	+			
44501	<i>Corixidae</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
53800	<i>Hydroptila sp</i>	+			
59555	<i>Oecetis inconspicua complex sp F (sensu Floyd, 1995)</i>	+			
59570	<i>Oecetis nocturna</i>	+			
60900	<i>Peltodytes sp</i>	+			
63900	<i>Laccophilus sp</i>	+			
65800	<i>Berosus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
69400	<i>Stenelmis sp</i>	+			
74100	<i>Simulium sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77500	<i>Conchapelopia sp</i>	+			
78702	<i>Psectrotanytus dyari</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
80430	<i>Cricotopus (C.) tremulus group</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84520	<i>Polypedilum (Tripodura) halterale group</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
84960	<i>Pseudochironomus sp</i>	+			
85230	<i>Cladotanytarsus mancus group</i>	+			
85800	<i>Tanytarsus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
85840	<i>Tanytarsus sepp</i>	+			
87400	<i>Stratiomys sp</i>	+			

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

Collection Date: 09/09/2003 River Code: 02-417 RM: 0.20 Site: QuQua Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
05900	<i>Lirceus sp</i>	+			
06201	<i>Hyalella azteca</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
11120	<i>Baetis flavistriga</i>	+			
11130	<i>Baetis intercalaris</i>	+			
13000	<i>Leucrocuta sp</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
21200	<i>Calopteryx sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
23909	<i>Boyeria vinosa</i>	+			
27500	<i>Somatochlora sp</i>	+			
50315	<i>Chimarra obscura</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
59970	<i>Petrophila sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
68075	<i>Psephenus herricki</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>	+			
74100	<i>Simulium sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
93900	<i>Elimia sp</i>	+			
96120	<i>Menetus (Micromenetus) dilatatus</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 35
 No. Qualitative Taxa: 35 ICI:
 Number of Organisms: 0 Qual EPT: 8

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

Collection Date: 09/09/2003 River Code: 02-418 RM: 3.20 Site: Grave Creek St. Rt. 529

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03040	<i>Fredericella sp</i>	+			
03600	<i>Oligochaeta</i>	+			
04666	<i>Helobdella triserialis</i>	+			
04685	<i>Placobdella ornata</i>	+			
08601	<i>Hydrachnidia</i>	+			
11120	<i>Baetis flavistriga</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
23704	<i>Anax junius</i>	+			
27307	<i>Epitheca (Epicordulia) princeps</i>	+			
28955	<i>Plathemis lydia</i>	+			
53800	<i>Hydroptila sp</i>	+			
59001	<i>Leptoceridae</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>	+			
69400	<i>Stenelmis sp</i>	+			
74100	<i>Simulium sp</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85615	<i>Rheotanytarsus pellucidus</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
93900	<i>Elimia sp</i>	+			
98200	<i>Pisidium 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: 3

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

Collection Date: 09/09/2003 River Code: 02-418 RM: 1.40 Site: Grave Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+			
01801	<i>Turbellaria</i>	+			
03600	<i>Oligochaeta</i>	+			
04666	<i>Helobdella triserialis</i>	+			
04935	<i>Erpobdella punctata punctata</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>	+			
13561	<i>Stenonema pulchellum</i>	+			
17200	<i>Caenis sp</i>	+			
21200	<i>Calopteryx sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
23909	<i>Boyeria vinosa</i>	+			
45400	<i>Trichocorixa sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
53800	<i>Hydroptila sp</i>	+			
59555	<i>Oecetis inconspicua complex sp F (sensu Floyd, 1995)</i>	+			
65800	<i>Berosus sp</i>	+			
68702	<i>Dubiraphia bivittata</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
74100	<i>Simulium sp</i>	+			
77500	<i>Conchapelopia sp</i>	+			
82100	<i>Thienemanniella sp</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
85615	<i>Rheotanytarsus pellucidus</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
85840	<i>Tanytarsus sepp</i>	+			
93900	<i>Elimia sp</i>	+			
97601	<i>Corbicula fluminea</i>	+			
98200	<i>Pisidium sp</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 36
 No. Qualitative Taxa: 36 ICI:
 Number of Organisms: 0 Qual EPT: 9

Ohio EPA/DW Ecological Assessment Section
Macroinvertebrate Collection

Collection Date: 08/28/2003 River Code: 02-418 RM: 0.10 Site: Grave Creek mouth

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	31 +	84450	<i>Polypedilum (Uresipedilum) flavum</i>	62 +
03600	<i>Oligochaeta</i>	8	84460	<i>Polypedilum (P.) fallax group</i>	12
05900	<i>Lirceus sp</i>	1 +	84470	<i>Polypedilum (P.) illinoense</i>	+
06700	<i>Crangonyx sp</i>	+	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+
11020	<i>Acerpenna pygmaea</i>	11	84750	<i>Stictochironomus sp</i>	+
11120	<i>Baetis flavistriga</i>	432 +	85615	<i>Rheotanytarsus pellucidus</i>	62 +
11130	<i>Baetis intercalaris</i>	174 +	85625	<i>Rheotanytarsus sp</i>	857
13000	<i>Leucrocuta sp</i>	32 +	85821	<i>Tanytarsus glabrescens group sp 7</i>	25
13400	<i>Stenacron sp</i>	22 +	85840	<i>Tanytarsus sepp</i>	12
13521	<i>Stenonema femoratum</i>	11	86100	<i>Chrysops sp</i>	+
21200	<i>Calopteryx sp</i>	+	87540	<i>Hemerodromia sp</i>	64
22001	<i>Coenagrionidae</i>	+	93900	<i>Elimia sp</i>	2 +
22300	<i>Argia sp</i>	16	95100	<i>Physella sp</i>	+
23909	<i>Boyeria vinosa</i>	+	97601	<i>Corbicula fluminea</i>	+
45100	<i>Palmacorixa sp</i>	+	<hr/> No. Quantitative Taxa: 34 Total Taxa: 58 No. Qualitative Taxa: 39 ICI: 48 Number of Organisms: 2868 Qual EPT: 8		
45300	<i>Sigara sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	231 +			
52430	<i>Ceratopsyche morosa group</i>	18 +			
52530	<i>Hydropsyche depravata group</i>	+			
57400	<i>Neophylax sp</i>	+			
59970	<i>Petrophila sp</i>	+			
63900	<i>Laccophilus sp</i>	+			
67700	<i>Paracymus sp</i>	+			
68075	<i>Psephenus herricki</i>	+	<hr/> No. Quantitative Taxa: 34 Total Taxa: 58 No. Qualitative Taxa: 39 ICI: 48 Number of Organisms: 2868 Qual EPT: 8		
68601	<i>Ancyronyx variegata</i>	+			
68702	<i>Dubiraphia bivittata</i>	+			
68901	<i>Macronychus glabratus</i>	1			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
74100	<i>Simulium sp</i>	40 +			
77500	<i>Conchapelopia sp</i>	75 +			
78450	<i>Nilotanytus fimbriatus</i>	32 +			
80351	<i>Corynoneura n.sp 1</i>	24			
80360	<i>Corynoneura "celeripes" (sensu Simpson & Bode, 1980)</i>	24	<hr/> No. Quantitative Taxa: 34 Total Taxa: 58 No. Qualitative Taxa: 39 ICI: 48 Number of Organisms: 2868 Qual EPT: 8		
80370	<i>Corynoneura lobata</i>	440 +			
80410	<i>Cricotopus (C.) sp</i>	12			
80420	<i>Cricotopus (C.) bicinctus</i>	12			
81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	37			
82101	<i>Thienemanniella taurocapita</i>	48			
82121	<i>Thienemanniella lobapodema</i>	16			
82200	<i>Tvetenia bavarica group</i>	12			
83840	<i>Microtendipes pedellus group</i>	12			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			

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

Collection Date: 10/06/2003 River Code: 02-423 RM: 1.10 Site: Otter Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	85625	<i>Rheotanytarsus sp</i>	+
03600	<i>Oligochaeta</i>	+	85800	<i>Tanytarsus sp</i>	+
04935	<i>Erpobdella punctata punctata</i>	+	86100	<i>Chrysops sp</i>	+
04964	<i>Mooreobdella microstoma</i>	+	87540	<i>Hemerodromia sp</i>	+
05900	<i>Lirceus sp</i>	+	93900	<i>Elimia sp</i>	+
06201	<i>Hyalella azteca</i>	+	95100	<i>Physella sp</i>	+
07800	<i>Cambarus sp</i>	+	96002	<i>Helisoma anceps anceps</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	96280	<i>Planorbella (Pierosoma) trivolvis</i>	+
11120	<i>Baetis flavistriga</i>	+	98200	<i>Pisidium sp</i>	+
11125	<i>Pseudocloeon frondale</i>	+	98600	<i>Sphaerium sp</i>	+
11130	<i>Baetis intercalaris</i>	+			
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+	No. Quantitative Taxa: 0		Total Taxa: 54
13400	<i>Stenacron sp</i>	+	No. Qualitative Taxa: 54		ICI:
13521	<i>Stenonema femoratum</i>	+	Number of Organisms: 0		Qual EPT: 14
14900	<i>Leptophlebia sp</i>	+			
16200	<i>Eurylophella sp</i>	+			
17200	<i>Caenis sp</i>	+			
21200	<i>Calopteryx sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
23704	<i>Anax junius</i>	+			
23909	<i>Boyeria vinosa</i>	+			
45300	<i>Sigara sp</i>	+			
45900	<i>Notonecta sp</i>	+			
47600	<i>Sialis sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
53501	<i>Hydroptilidae</i>	+			
55300	<i>Ptilostomis sp</i>	+			
57400	<i>Neophylax sp</i>	+			
59310	<i>Mystacides sepulchralis</i>	+			
60400	<i>Gyrinus sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69400	<i>Stenelmis sp</i>	+			
74100	<i>Simulium sp</i>	+			
77355	<i>Clinotanytus pinguis</i>	+			
77800	<i>Helopelopia sp</i>	+			
81632	<i>Parakiefferiella n.sp 2</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84460	<i>Polypedilum (P.) fallax group</i>	+			
84700	<i>Stenochironomus sp</i>	+			
85615	<i>Rheotanytarsus pellucidus</i>	+			

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

Collection Date: 10/09/2003 River Code: 02-425 RM: 12.70 Site: Flat Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	82200	<i>Tvetenia bavarica group</i>	+
01801	<i>Turbellaria</i>	+	83840	<i>Microtendipes pedellus group</i>	+
03600	<i>Oligochaeta</i>	+	84750	<i>Stictochironomus sp</i>	+
04664	<i>Helobdella stagnalis</i>	+	85501	<i>Paratanytarsus n.sp 1</i>	+
05800	<i>Caecidotea sp</i>	+	85625	<i>Rheotanytarsus sp</i>	+
06201	<i>Hyalella azteca</i>	+	86501	<i>Stratiomyidae</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	93900	<i>Elimia sp</i>	+
08601	<i>Hydrachnidia</i>	+	98200	<i>Pisidium sp</i>	+
11130	<i>Baetis intercalaris</i>	+	98600	<i>Sphaerium sp</i>	+
12200	<i>Isonychia sp</i>	+			
13400	<i>Stenacron sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 53
13521	<i>Stenonema femoratum</i>	+	No. Qualitative Taxa: 53		ICI:
13590	<i>Stenonema vicarium</i>	+	Number of Organisms: 0		Qual EPT: 15
14900	<i>Leptophlebia sp</i>	+			
16200	<i>Eurylophella sp</i>	+			
17200	<i>Caenis sp</i>	+			
21200	<i>Calopteryx sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
35560	<i>Isoperla similis</i>	+			
45900	<i>Notonecta sp</i>	+			
47600	<i>Sialis sp</i>	+			
48620	<i>Nigronia serricornis</i>	+			
50301	<i>Chimarra aterrima</i>	+			
51400	<i>Nyctiophylax sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
59970	<i>Petrophila sp</i>	+			
60800	<i>Haliphus sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
70600	<i>Antocha sp</i>	+			
71900	<i>Tipula sp</i>	+			
74100	<i>Simulium sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
80740	<i>Eukiefferiella claripennis group</i>	+			
80750	<i>Eukiefferiella devonica group</i>	+			
81690	<i>Paratrichocladus sp</i>	+			
82141	<i>Thienemanniella xena</i>	+			

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

Collection Date: 10/09/2003 River Code: 02-425 RM: 7.30 Site: Flat Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	82200	<i>Tvetenia bavarica group</i>	+
01801	<i>Turbellaria</i>	+	83840	<i>Microtendipes pedellus group</i>	+
03040	<i>Fredericella sp</i>	+	84750	<i>Stictochironomus sp</i>	+
03600	<i>Oligochaeta</i>	+	84888	<i>Xenochironomus xenolabis</i>	+
07840	<i>Cambarus (Cambarus) sciotensis</i>	+	93900	<i>Elimia sp</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	95100	<i>Physella sp</i>	+
11018	<i>Acerpenna macdunnoughi</i>	+	98200	<i>Pisidium sp</i>	+
11120	<i>Baetis flavistriga</i>	+	98600	<i>Sphaerium sp</i>	+
11130	<i>Baetis intercalaris</i>	+			
12200	<i>Isonychia sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 52
13000	<i>Leucrocota sp</i>	+	No. Qualitative Taxa: 52		ICI:
13400	<i>Stenacron sp</i>	+	Number of Organisms: 0		Qual EPT: 21
13521	<i>Stenonema femoratum</i>	+			
13590	<i>Stenonema vicarium</i>	+			
14900	<i>Leptophlebia sp</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
23600	<i>Aeshna sp</i>	+			
23909	<i>Boyeria vinosa</i>	+			
34130	<i>Acroneuria frisoni</i>	+			
35560	<i>Isoperla similis</i>	+			
49101	<i>Sisyridae</i>	+			
50301	<i>Chimarra aterrima</i>	+			
50315	<i>Chimarra obscura</i>	+			
51400	<i>Nyctiophylax sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
55300	<i>Ptilostomis sp</i>	+			
59310	<i>Mystacides sepulchralis</i>	+			
59730	<i>Triaenodes melaca</i>	+			
60900	<i>Peltodytes sp</i>	+			
63700	<i>Ilybius sp</i>	+			
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68130	<i>Helichus sp</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69400	<i>Stenelmis sp</i>	+			
71100	<i>Hexatoma sp</i>	+			
71900	<i>Tipula sp</i>	+			
71910	<i>Tipula abdominalis</i>	+			
74100	<i>Simulium sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
81650	<i>Parametriocnemus sp</i>	+			

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

Collection Date: 08/28/2003 River Code: 02-425 RM: 0.60 Site: Flat Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	71100	<i>Hexatoma sp</i>	+
01320	<i>Hydra sp</i>	4	74100	<i>Simulium sp</i>	+
01801	<i>Turbellaria</i>	1	77115	<i>Ablabesmyia janta</i>	+
03040	<i>Fredericella sp</i>	+	77120	<i>Ablabesmyia mallochi</i>	13 +
03600	<i>Oligochaeta</i>	+	77500	<i>Conchapelopia sp</i>	42 +
04680	<i>Placobdella sp</i>	+	77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	4 +
04964	<i>Mooreobdella microstoma</i>	+	78140	<i>Labrundinia pilosella</i>	4 +
06201	<i>Hyalella azteca</i>	+	78450	<i>Nilotanypus fimbriatus</i>	8
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	80370	<i>Corynoneura lobata</i>	20
08601	<i>Hydrachnidia</i>	4 +	81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	8
11020	<i>Acerpenna pygmaea</i>	104	82101	<i>Thienemanniella taurocapita</i>	10
11120	<i>Baetis flavistriga</i>	7	82121	<i>Thienemanniella lobapodema</i>	22
11130	<i>Baetis intercalaris</i>	72 +	82141	<i>Thienemanniella xena</i>	4
11651	<i>Procloeon sp (w/o hindwing pads)</i>	+	82200	<i>Tvetenia bavarica group</i>	4
12200	<i>Isonychia sp</i>	2	82820	<i>Cryptochironomus sp</i>	+
13000	<i>Leucrocuta sp</i>	13	83840	<i>Microtendipes pedellus group</i>	4
13400	<i>Stenacron sp</i>	254 +	84450	<i>Polypedilum (Uresipedilum) flavum</i>	38 +
13521	<i>Stenonema femoratum</i>	1	84460	<i>Polypedilum (P.) fallax group</i>	21
13590	<i>Stenonema vicarium</i>	5	84470	<i>Polypedilum (P.) illinoense</i>	4 +
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	64 +	84700	<i>Stenochironomus sp</i>	+
16200	<i>Eurylophella sp</i>	8	84800	<i>Tribelos jucundum</i>	+
17200	<i>Caenis sp</i>	4	85500	<i>Paratanytarsus sp</i>	4
22001	<i>Coenagrionidae</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	50 +
22300	<i>Argia sp</i>	+	85625	<i>Rheotanytarsus sp</i>	38 +
23909	<i>Boyeria vinosa</i>	1	85720	<i>Stempellinella n.sp nr. flavidula</i>	2
34130	<i>Acroneuria frisoni</i>	3	85802	<i>Tanytarsus curticornis group</i>	8
42700	<i>Belostoma sp</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	8 +
43570	<i>Neoplea sp</i>	+	85840	<i>Tanytarsus sepp</i>	17
45300	<i>Sigara sp</i>	+	87540	<i>Hemerodromia sp</i>	36
50804	<i>Lype diversa</i>	1	93900	<i>Elimia sp</i>	41 +
51400	<i>Nyctiophylax sp</i>	+	95100	<i>Physella sp</i>	4
51600	<i>Polycentropus sp</i>	+	96900	<i>Ferrissia sp</i>	4
52200	<i>Cheumatopsyche sp</i>	159 +	98200	<i>Pisidium sp</i>	1
52530	<i>Hydropsyche depravata group</i>	+	98600	<i>Sphaerium sp</i>	+
53800	<i>Hydroptila sp</i>	4 +	99100	<i>Pyganodon grandis</i>	+
57400	<i>Neophylax sp</i>	+			
65800	<i>Berosus sp</i>	+			
68075	<i>Psephenus herricki</i>	+	No. Quantitative Taxa: 50 Total Taxa: 79		
68601	<i>Ancyronyx variegata</i>	1 +	No. Qualitative Taxa: 49 ICI: 52		
68702	<i>Dubiraphia bivittata</i>	+	Number of Organisms: 1186 Qual EPT: 10		
68707	<i>Dubiraphia quadrinotata</i>	+			
68708	<i>Dubiraphia vittata group</i>	4 +			
68901	<i>Macronychus glabratus</i>	31 +			
69400	<i>Stenelmis sp</i>	20 +			

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

Collection Date: 10/09/2003 River Code: 02-426 RM: 1.10 Site: Thorn Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	85625	<i>Rheotanytarsus sp</i>	+
03600	<i>Oligochaeta</i>	+	93900	<i>Elimia sp</i>	+
06201	<i>Hyaella azteca</i>	+	95100	<i>Physella sp</i>	+
06700	<i>Crangonyx sp</i>	+	96900	<i>Ferrissia sp</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	98200	<i>Pisidium sp</i>	+
11125	<i>Pseudocloeon frondale</i>	+	98600	<i>Sphaerium sp</i>	+
11430	<i>Dipheter hageni</i>	+			
13000	<i>Leucrocuta sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 50
13400	<i>Stenacron sp</i>	+	No. Qualitative Taxa: 50		ICI:
13521	<i>Stenonema femoratum</i>	+	Number of Organisms: 0		Qual EPT: 14
14900	<i>Leptophlebia sp</i>	+			
17200	<i>Caenis sp</i>	+			
18750	<i>Hexagenia limbata</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>	+			
53501	<i>Hydroptilidae</i>	+			
55300	<i>Ptilostomis sp</i>	+			
59310	<i>Mystacides sepulchralis</i>	+			
59730	<i>Triaenodes melaca</i>	+			
60900	<i>Peltodytes sp</i>	+			
61400	<i>Agabus sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
63900	<i>Laccophilus sp</i>	+			
68025	<i>Ectopria sp</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
71910	<i>Tipula abdominalis</i>	+			
74100	<i>Simulium sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
80510	<i>Cricotopus (Isocladius) sylvestris group</i>	+			
81631	<i>Parakiefferiella n.sp 1</i>	+			
82101	<i>Thienemanniella taurocapita</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85615	<i>Rheotanytarsus pellucidus</i>	+			

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

Collection Date: 09/22/2003 River Code: 02-429 RM: 6.70 Site: Mud Run Monnet Chapel Rd.

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
04661	<i>Helobdella elongata</i>	+			
04664	<i>Helobdella stagnalis</i>	+			
04964	<i>Mooreobdella microstoma</i>	+			
06201	<i>Hyaella azteca</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
11020	<i>Acerpenna pygmaea</i>	+			
11120	<i>Baetis flavistriga</i>	+			
11125	<i>Pseudocloeon frondale</i>	+			
11130	<i>Baetis intercalaris</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>	+			
28955	<i>Plathemis lydia</i>	+			
45400	<i>Trichocorixa sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53501	<i>Hydroptilidae</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
66500	<i>Enochrus sp</i>	+			
67000	<i>Helophorus sp</i>	+			
67700	<i>Paracymus sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68700	<i>Dubiraphia sp</i>	+			
69400	<i>Stenelmis sp</i>	+			
72182	<i>Telmatoscopus albipunctatus</i>	+			
72700	<i>Anopheles sp</i>	+			
74100	<i>Simulium sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77355	<i>Clinotanypus pinguis</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85840	<i>Tanytarsus sepp</i>	+			
93900	<i>Elimia 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: 9

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

Collection Date: 09/22/2003 River Code: 02-429 RM: 2.60 Site: Mud Run Morral-Kirkpatrick Rd.

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03600	<i>Oligochaeta</i>	+			
06201	<i>Hyalella azteca</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
11020	<i>Acerpenna pygmaea</i>	+			
11120	<i>Baetis flavistriga</i>	+			
11125	<i>Pseudocloeon frondale</i>	+			
11130	<i>Baetis intercalaris</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>	+			
28955	<i>Plathemis lydia</i>	+			
42700	<i>Belostoma sp</i>	+			
50315	<i>Chimarra obscura</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52430	<i>Ceratopsyche morosa group</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
57400	<i>Neophylax sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59730	<i>Triaenodes melaca</i>	+			
60900	<i>Peltodytes sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
77355	<i>Clinotanypus pinguis</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85840	<i>Tanytarsus sepp</i>	+			
93900	<i>Elimia 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: 13

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

Collection Date: 09/08/2003 River Code: 02-432 RM: 4.40 Site: Riffle Creek Edison Rd.

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00700	<i>Radiospongilla crateriformis</i>	+	85625	<i>Rheotanytarsus sp</i>	+
01801	<i>Turbellaria</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
03600	<i>Oligochaeta</i>	+	93900	<i>Elimia sp</i>	+
04935	<i>Erpobdella punctata punctata</i>	+	95100	<i>Physella sp</i>	+
04964	<i>Mooreobdella microstoma</i>	+	97601	<i>Corbicula fluminea</i>	+
05900	<i>Lirceus sp</i>	+	98200	<i>Pisidium sp</i>	+
06201	<i>Hyaella azteca</i>	+			
08200	<i>Orconectes sp</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: 9
11130	<i>Baetis intercalaris</i>	+			
11200	<i>Callibaetis sp</i>	+			
21200	<i>Calopteryx sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
23909	<i>Boyeria vinosa</i>	+			
42700	<i>Belostoma sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
45900	<i>Notonecta sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53800	<i>Hydroptila sp</i>	+			
55300	<i>Ptilostomis sp</i>	+			
59730	<i>Triaenodes melaca</i>	+			
60400	<i>Gyrinus sp</i>	+			
60900	<i>Peltodytes 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>	+			
72700	<i>Anopheles sp</i>	+			
74100	<i>Simulium sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77500	<i>Conchapelopia sp</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
82101	<i>Thienemanniella taurocapita</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
84155	<i>Paralauterborniella nigrohalteralis</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84888	<i>Xenochironomus xenolabis</i>	+			
85500	<i>Paratanytarsus sp</i>	+			

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

Collection Date: 09/09/2003 River Code: 02-432 RM: 1.40 Site: Riffle Creek Firstenberger Rd.

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+			
01801	<i>Turbellaria</i>	+			
02600	<i>Nematomorpha</i>	+			
03600	<i>Oligochaeta</i>	+			
05900	<i>Lirceus sp</i>	+			
06700	<i>Crangonyx sp</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
11020	<i>Acerpenna pygmaea</i>	+			
11120	<i>Baetis flavistriga</i>	+			
11125	<i>Pseudocloeon frondale</i>	+			
11130	<i>Baetis intercalaris</i>	+			
11200	<i>Callibaetis sp</i>	+			
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+			
11651	<i>Procloeon sp (w/o hindwing pads)</i>	+			
13000	<i>Leucrocuta sp</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
13561	<i>Stenonema pulchellum</i>	+			
21200	<i>Calopteryx sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
23909	<i>Boyeria vinosa</i>	+			
45300	<i>Sigara sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
53501	<i>Hydroptilidae</i>	+			
60900	<i>Peltodytes sp</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69400	<i>Stenelmis sp</i>	+			
74100	<i>Simulium sp</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84700	<i>Stenochironomus sp</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85720	<i>Stempellinella n.sp nr. flavidula</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
93900	<i>Elimia sp</i>	+			
95100	<i>Physella sp</i>	+			
96900	<i>Ferrissia sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

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

Collection Date: 07/24/2003 River Code: 02-437 RM: 0.10 Site: Big 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>	+			
08601	<i>Hydrachnidia</i>	+			
11120	<i>Baetis flavistriga</i>	+			
13521	<i>Stenonema femoratum</i>	+			
15000	<i>Paraleptophlebia sp</i>	+			
33100	<i>Leuctra sp</i>	+			
45300	<i>Sigara sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53800	<i>Hydroptila sp</i>	+			
59300	<i>Mystacides sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
65800	<i>Berosus sp</i>	+			
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
74100	<i>Simulium sp</i>	+			
77500	<i>Conchapelopia sp</i>	+			
80410	<i>Cricotopus (C.) sp</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
80740	<i>Eukiefferiella claripennis group</i>	+			
81650	<i>Parametriocnemus sp</i>	+			
81690	<i>Paratrichocladius sp</i>	+			
82200	<i>Tvetenia bavarica group</i>	+			
82710	<i>Chironomus (C.) sp</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83003	<i>Dicrotendipes fumidus</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83051	<i>Dicrotendipes simpsoni</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84300	<i>Phaenopsectra obediens group</i>	+			
84440	<i>Polypedilum (Uresipedilum) aviceps</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
85400	<i>Micropsectra sp</i>	+			
85800	<i>Tanytarsus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
86200	<i>Tabanus sp</i>	+			
95100	<i>Physella sp</i>	+			

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

Collection Date: 07/14/2003 River Code: 02-439 RM: 1.00 Site: Walhalla Ravine

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	+			
21604	<i>Archilestes grandis</i>	+			
71300	<i>Limonia sp</i>	+			
77250	<i>Alotanypus venustus</i>	+			
78350	<i>Meropelopia sp</i>	+			
79400	<i>Zavreliomyia sp</i>	+			
80430	<i>Cricotopus (C.) tremulus group</i>	+			
95100	<i>Physella sp</i>	+			

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

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

Collection Date: 07/24/2003 River Code: 02-450 RM: 30.50 Site: Whetstone Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	<hr/> No. Quantitative Taxa: 0 Total Taxa: 43 No. Qualitative Taxa: 43 ICI: Number of Organisms: 0 Qual EPT: 8		
01320	<i>Hydra sp</i>	+			
01801	<i>Turbellaria</i>	+			
03360	<i>Plumatella sp</i>	+			
04687	<i>Placobdella parasitica</i>	+			
06700	<i>Crangonyx 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>	+			
44501	<i>Corixidae</i>	+			
50315	<i>Chimarra obscura</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
59300	<i>Mystacides sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
71900	<i>Tipula sp</i>	+			
74100	<i>Simulium sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
80410	<i>Cricotopus (C.) sp</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
81650	<i>Parametriocnemus sp</i>	+			
82141	<i>Thienemanniella xena</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83158	<i>Endochironomus nigricans</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	+			
84050	<i>Parachironomus "hirtalatus" (sensu Simpson & Bode, 1980)</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85615	<i>Rheotanytarsus pellucidus</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85800	<i>Tanytarsus sp</i>	+			
85814	<i>Tanytarsus glabrescens group</i>	+			
95100	<i>Physella sp</i>	+			
96120	<i>Menetus (Micromenetus) dilatatus</i>	+			
98001	<i>Sphaeriidae</i>	+			

Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection

Collection Date: 09/04/2003 River Code: 02-450 RM: 29.30 Site: Whetstone Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03600	<i>Oligochaeta</i>	+	No. Quantitative Taxa: 0		Total Taxa: 44
06700	<i>Crangonyx sp</i>	+	No. Qualitative Taxa: 44		ICI:
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	Number of Organisms: 0		Qual EPT: 12
08601	<i>Hydrachnidia</i>	+			
11120	<i>Baetis flavistriga</i>	+			
11130	<i>Baetis intercalaris</i>	+			
11651	<i>Procloeon 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>	+			
21200	<i>Calopteryx sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
23804	<i>Basiaeschna janata</i>	+			
45300	<i>Sigara sp</i>	+			
50315	<i>Chimarra obscura</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
55300	<i>Ptilostomis sp</i>	+			
57400	<i>Neophylax sp</i>	+			
59300	<i>Mystacides sp</i>	+			
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68130	<i>Helichus sp</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
82121	<i>Thienemanniella lobapodema</i>	+			
82141	<i>Thienemanniella xena</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	+			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
84700	<i>Stenochironomus sp</i>	+			
85400	<i>Micropsectra sp</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
85840	<i>Tanytarsus sepp</i>	+			
93900	<i>Elimia sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

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

Collection Date: 09/04/2003 River Code: 02-450 RM: 28.10 Site: Whetstone Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	69400	<i>Stenelmis sp</i>	+
01801	<i>Turbellaria</i>	+	71100	<i>Hexatoma sp</i>	+
03600	<i>Oligochaeta</i>	+	72700	<i>Anopheles sp</i>	+
04685	<i>Placobdella ornata</i>	+	74100	<i>Simulium sp</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	77500	<i>Conchapelopia sp</i>	+
08601	<i>Hydrachnidia</i>	+	77800	<i>Helopelopia sp</i>	+
11120	<i>Baetis flavistriga</i>	+	78450	<i>Nilotanypus fimbriatus</i>	+
11130	<i>Baetis intercalaris</i>	+	80430	<i>Cricotopus (C.) tremulus group</i>	+
11650	<i>Procloeon sp (w/ hindwing pads)</i>	+	82100	<i>Thienemanniella sp</i>	+
11651	<i>Procloeon sp (w/o hindwing pads)</i>	+	82101	<i>Thienemanniella taurocapita</i>	+
11670	<i>Procloeon viridoculare</i>	+	82710	<i>Chironomus (C.) sp</i>	+
13000	<i>Leucrocuta sp</i>	+	83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+
13400	<i>Stenacron sp</i>	+	84210	<i>Paratendipes albimanus or P. duplicatus</i>	+
13521	<i>Stenonema femoratum</i>	+	84300	<i>Phaenopsectra obediens group</i>	+
13590	<i>Stenonema vicarium</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	+
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	+	84460	<i>Polypedilum (P.) fallax group</i>	+
17200	<i>Caenis sp</i>	+	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+
21200	<i>Calopteryx sp</i>	+	85230	<i>Cladotanytarsus mancus group</i>	+
22001	<i>Coenagrionidae</i>	+	85400	<i>Micropsectra sp</i>	+
22300	<i>Argia sp</i>	+	85500	<i>Paratanytarsus sp</i>	+
23909	<i>Boyeria vinosa</i>	+	85501	<i>Paratanytarsus n.sp 1</i>	+
44501	<i>Corixidae</i>	+	85625	<i>Rheotanytarsus sp</i>	+
47600	<i>Sialis sp</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
50301	<i>Chimarra aterrima</i>	+	86100	<i>Chrysops sp</i>	+
50315	<i>Chimarra obscura</i>	+	93900	<i>Elimia sp</i>	+
50804	<i>Lype diversa</i>	+	95100	<i>Physella sp</i>	+
51400	<i>Nyctiophylax sp</i>	+	96900	<i>Ferrissia sp</i>	+
52200	<i>Cheumatopsyche sp</i>	+	98600	<i>Sphaerium sp</i>	+
52530	<i>Hydropsyche depravata group</i>	+			
53501	<i>Hydroptilidae</i>	+			
55300	<i>Ptilostomis sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 72
57400	<i>Neophylax sp</i>	+	No. Qualitative Taxa: 72		ICI:
58505	<i>Helicopsyche borealis</i>	+	Number of Organisms: 0		Qual EPT: 23
59300	<i>Mystacides sp</i>	+			
59500	<i>Oecetis sp</i>	+			
59970	<i>Petrophila sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
67500	<i>Laccobius sp</i>	+			
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68130	<i>Helichus sp</i>	+			
68601	<i>Ancyronyx variegata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	+			

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

Collection Date: 08/28/2003 River Code: 02-450 RM: 25.50 Site: Whetstone Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	16	74100	<i>Simulium sp</i>	+
01801	<i>Turbellaria</i>	+	77500	<i>Conchapelopia sp</i>	245
03360	<i>Plumatella sp</i>	+	78400	<i>Natarsia sp</i>	+
03600	<i>Oligochaeta</i>	+	78450	<i>Nilotanypus fimbriatus</i>	96 +
07840	<i>Cambarus (Cambarus) sciotensis</i>	+	80351	<i>Corynoneura n.sp 1</i>	32
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	80360	<i>Corynoneura "celeripes" (sensu Simpson & Bode, 1980)</i>	16
08601	<i>Hydrachnidia</i>	8 +	80370	<i>Corynoneura lobata</i>	272
11018	<i>Acerpenna macdunnoughi</i>	31	81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	35
11120	<i>Baetis flavistriga</i>	243 +	82101	<i>Thienemanniella taurocapita</i>	32
11130	<i>Baetis intercalaris</i>	15 +	83840	<i>Microtendipes pedellus group</i>	+
11650	<i>Procloeon sp (w/ hindwing pads)</i>	1	84210	<i>Paratendipes albimanus or P. duplicatus</i>	+
11651	<i>Procloeon sp (w/o hindwing pads)</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	105 +
12200	<i>Isonychia sp</i>	4 +	84700	<i>Stenochironomus sp</i>	+
13000	<i>Leucrocuta sp</i>	119 +	84750	<i>Stictochironomus sp</i>	+
13400	<i>Stenacron sp</i>	3 +	85264	<i>Cladotanytarsus vanderwulpi group Type 4</i>	+
13521	<i>Stenonema femoratum</i>	+	85400	<i>Micropsectra sp</i>	+
13540	<i>Stenonema mediopunctatum</i>	47 +	85500	<i>Paratanytarsus sp</i>	35
14600	<i>Choroterpes sp</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	175 +
17200	<i>Caenis sp</i>	+	85625	<i>Rheotanytarsus sp</i>	2560 +
21001	<i>Calopterygidae</i>	+	85720	<i>Stempellinella n.sp nr. flavidula</i>	16
22300	<i>Argia sp</i>	+	85800	<i>Tanytarsus sp</i>	35
23909	<i>Boyeria vinosa</i>	1 +	85802	<i>Tanytarsus curticornis group</i>	105
48620	<i>Nigronia serricornis</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	35
50301	<i>Chimarra aterrima</i>	1 +	85840	<i>Tanytarsus sepp</i>	140 +
50315	<i>Chimarra obscura</i>	32 +	86200	<i>Tabanus sp</i>	+
50804	<i>Lype diversa</i>	+	86401	<i>Atherix lantha</i>	+
51600	<i>Polycentropus sp</i>	+	87540	<i>Hemerodromia sp</i>	113 +
52200	<i>Cheumatopsyche sp</i>	153 +	93900	<i>Elimia sp</i>	43 +
52430	<i>Ceratopsyche morosa group</i>	32 +	98600	<i>Sphaerium sp</i>	+
52530	<i>Hydropsyche depravata group</i>	4 +			
53400	<i>Protoptila sp</i>	+			
53501	<i>Hydroptilidae</i>	+			
57400	<i>Neophylax sp</i>	+	No. Quantitative Taxa: 38	Total Taxa: 73	
57900	<i>Pycnopsyche sp</i>	+	No. Qualitative Taxa: 58	ICI: 52	
58505	<i>Helicopsyche borealis</i>	1 +	Number of Organisms: 4863	Qual EPT: 23	
59110	<i>Ceraclea anelylus</i>	+			
59970	<i>Petrophila sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68130	<i>Helichus sp</i>	1 +			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	17			
69400	<i>Stenelmis sp</i>	44 +			
70600	<i>Antocha sp</i>	+			
71100	<i>Hexatoma sp</i>	+			

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

Collection Date: 08/28/2003 River Code: 02-450 RM: 22.40 Site: Whetstone Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	14 +	68075	<i>Psephenus herricki</i>	4 +
03600	<i>Oligochaeta</i>	+	68130	<i>Helichus sp</i>	+
06201	<i>Hyaella azteca</i>	+	68708	<i>Dubiraphia vittata group</i>	+
07840	<i>Cambarus (Cambarus) sciotensis</i>	+	68901	<i>Macronychus glabratus</i>	19 +
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	69400	<i>Stenelmis sp</i>	17 +
08601	<i>Hydrachnidia</i>	+	74100	<i>Simulium sp</i>	9 +
11120	<i>Baetis flavistriga</i>	30 +	77500	<i>Conchapelopia sp</i>	90
11130	<i>Baetis intercalaris</i>	211 +	77800	<i>Helopelopia sp</i>	+
11430	<i>Dipheter hageni</i>	3	78450	<i>Nilotanytus fimbriatus</i>	52
11651	<i>Procloeon sp (w/o hindwing pads)</i>	+	80351	<i>Corynoneura n.sp 1</i>	28 +
12200	<i>Isonychia sp</i>	9	80360	<i>Corynoneura "celeripes" (sensu Simpson & Bode, 1980)</i>	+
13000	<i>Leucrocuta sp</i>	61 +	80370	<i>Corynoneura lobata</i>	180
13400	<i>Stenacron sp</i>	18 +	81280	<i>Nanocladius (Plecopteracoluthus) downesi</i>	+
13521	<i>Stenonema femoratum</i>	2 +	81620	<i>Paracricotopus sp</i>	+
13540	<i>Stenonema mediopunctatum</i>	31 +	81650	<i>Parametriocnemus sp</i>	6 +
13561	<i>Stenonema pulchellum</i>	3	81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	6
13590	<i>Stenonema vicarium</i>	5 +	82101	<i>Thienemanniella taurocapita</i>	+
14600	<i>Choroterpes sp</i>	+	82141	<i>Thienemanniella xena</i>	4
16324	<i>Serratella deficiens</i>	15	82200	<i>Tvetenia bavarica group</i>	+
17200	<i>Caenis sp</i>	+	83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+
21200	<i>Calopteryx sp</i>	+	84210	<i>Paratendipes albimanus or P. duplicatus</i>	+
22001	<i>Coenagrionidae</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	90 +
22300	<i>Argia sp</i>	8 +	84460	<i>Polypedilum (P.) fallax group</i>	6
23909	<i>Boyeria vinosa</i>	1	84480	<i>Polypedilum (P.) laetum group</i>	+
45900	<i>Notonecta sp</i>	+	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+
47600	<i>Sialis sp</i>	+	84700	<i>Stenochironomus sp</i>	+
48620	<i>Nigronia serricornis</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	96 +
50315	<i>Chimarra obscura</i>	48 +	85625	<i>Rheotanytarsus sp</i>	101 +
51600	<i>Polycentropus sp</i>	+	85802	<i>Tanytarsus curticornis group</i>	6
52200	<i>Cheumatopsyche sp</i>	198 +	85840	<i>Tanytarsus sepp</i>	+
52430	<i>Ceratopsyche morosa group</i>	26 +	87540	<i>Hemerodromia sp</i>	43 +
52530	<i>Hydropsyche depravata group</i>	+	93900	<i>Elimia sp</i>	38 +
53400	<i>Protophila sp</i>	+	96900	<i>Ferrissia sp</i>	+
53800	<i>Hydroptila sp</i>	+	98600	<i>Sphaerium sp</i>	+
57400	<i>Neophylax sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59110	<i>Ceraclea ancylus</i>	+	No. Quantitative Taxa: 35	Total Taxa: 78	
59310	<i>Mystacides sepulchralis</i>	+	No. Qualitative Taxa: 66	ICI: 48	
59730	<i>Triaenodes melaca</i>	+	Number of Organisms: 1478	Qual EPT: 23	
59970	<i>Petrophila sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
63900	<i>Laccophilus sp</i>	+			
65800	<i>Berosus sp</i>	+			

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

Collection Date: 08/29/2003 River Code: 02-450 RM: 21.80 Site: Whetstone Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	46	63900	<i>Laccophilus sp</i>	+
01801	<i>Turbellaria</i>	9 +	67800	<i>Tropisternus sp</i>	+
03040	<i>Fredericella sp</i>	+	68075	<i>Psephenus herricki</i>	+
03600	<i>Oligochaeta</i>	+	68130	<i>Helichus sp</i>	+
06201	<i>Hyaella azteca</i>	+	68601	<i>Ancyronyx variegata</i>	4 +
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	68707	<i>Dubiraphia quadrinotata</i>	+
08601	<i>Hydrachnidia</i>	2 +	68708	<i>Dubiraphia vittata group</i>	1 +
11020	<i>Acerpenna pygmaea</i>	1	68901	<i>Macronychus glabratus</i>	6 +
11120	<i>Baetis flavistriga</i>	42 +	69400	<i>Stenelmis sp</i>	7 +
11130	<i>Baetis intercalaris</i>	9 +	71100	<i>Hexatoma sp</i>	+
12200	<i>Isonychia sp</i>	1	72501	<i>Culicidae</i>	+
13000	<i>Leucrocuta sp</i>	43 +	77500	<i>Conchapelopia sp</i>	78 +
13400	<i>Stenacron sp</i>	54 +	77800	<i>Helopelopia sp</i>	9 +
13521	<i>Stenonema femoratum</i>	7 +	78450	<i>Nilotanytus fimbriatus</i>	46
13540	<i>Stenonema mediopunctatum</i>	9 +	80370	<i>Corynoneura lobata</i>	8
13561	<i>Stenonema pulchellum</i>	1	81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	9
13590	<i>Stenonema vicarium</i>	1	82101	<i>Thienemanniella taurocapita</i>	10
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	2	82121	<i>Thienemanniella lobapodema</i>	2
16700	<i>Tricorythodes sp</i>	4	82141	<i>Thienemanniella xena</i>	4
17200	<i>Caenis sp</i>	+	82820	<i>Cryptochironomus sp</i>	+
21200	<i>Calopteryx sp</i>	+	83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+
22001	<i>Coenagrionidae</i>	+	84210	<i>Paratendipes albimanus or P. duplicatus</i>	+
22300	<i>Argia sp</i>	18 +	84300	<i>Phaenopsectra obediens group</i>	+
23804	<i>Basiaeschna janata</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	78 +
23909	<i>Boyeria vinosa</i>	+	84460	<i>Polypedilum (P.) fallax group</i>	9 +
34700	<i>Agnatina capitata complex</i>	+	84470	<i>Polypedilum (P.) illinoense</i>	+
45300	<i>Sigara sp</i>	+	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	9 +
45900	<i>Notonecta sp</i>	+	84700	<i>Stenochironomus sp</i>	9 +
47600	<i>Sialis sp</i>	+	84750	<i>Stictochironomus sp</i>	+
50315	<i>Chimarra obscura</i>	4 +	85615	<i>Rheotanytarsus pellucidus</i>	199 +
51400	<i>Nyctiophylax sp</i>	+	85625	<i>Rheotanytarsus sp</i>	242 +
52200	<i>Cheumatopsyche sp</i>	28 +	85840	<i>Tanytarsus sepp</i>	+
52430	<i>Ceratopsyche morosa group</i>	1 +	86200	<i>Tabanus sp</i>	+
52530	<i>Hydropsyche depravata group</i>	1 +	86401	<i>Atherix lantha</i>	+
52540	<i>Hydropsyche dicantha</i>	+	87540	<i>Hemerodromia sp</i>	2 +
52590	<i>Hydropsyche venularis</i>	2	93900	<i>Elimia sp</i>	62 +
53800	<i>Hydroptila sp</i>	+	96900	<i>Ferrissia sp</i>	7
54000	<i>Leucotrichia pictipes</i>	+	98200	<i>Pisidium sp</i>	+
57400	<i>Neophylax sp</i>	+	98600	<i>Sphaerium sp</i>	+
58505	<i>Helicopsyche borealis</i>	+			
59110	<i>Ceraclea ancylus</i>	+			
59300	<i>Mystacides sp</i>	+	No. Quantitative Taxa: 42		Total Taxa: 83
59970	<i>Petrophila sp</i>	+	No. Qualitative Taxa: 68		ICI: 50
60900	<i>Peltodytes sp</i>	+	Number of Organisms: 1086		Qual EPT: 20

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Collection Date: 07/17/2003 River Code: 02-450 RM: 21.58 A Site: Whetstone Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	+
03040	<i>Fredericella sp</i>	+	84750	<i>Stictochironomus sp</i>	+
03600	<i>Oligochaeta</i>	+	85500	<i>Paratanytarsus sp</i>	+
07820	<i>Cambarus (Cambarus) sp A</i>	+	85625	<i>Rheotanytarsus sp</i>	+
08200	<i>Orconectes sp</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
08601	<i>Hydrachnidia</i>	+	87540	<i>Hemerodromia sp</i>	+
11120	<i>Baetis flavistriga</i>	+	93900	<i>Elimia sp</i>	+
13000	<i>Leucrocuta sp</i>	+			
13400	<i>Stenacron sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 51
13521	<i>Stenonema femoratum</i>	+	No. Qualitative Taxa: 51		ICI:
13540	<i>Stenonema mediopunctatum</i>	+	Number of Organisms: 0		Qual EPT: 14
17200	<i>Caenis sp</i>	+			
22300	<i>Argia sp</i>	+			
45300	<i>Sigara sp</i>	+			
47600	<i>Sialis sp</i>	+			
50315	<i>Chimarra obscura</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
52540	<i>Hydropsyche dicantha</i>	+			
52590	<i>Hydropsyche venularis</i>	+			
53800	<i>Hydroptila sp</i>	+			
57400	<i>Neophylax sp</i>	+			
59310	<i>Mystacides sepulchralis</i>	+			
59970	<i>Petrophila sp</i>	+			
65800	<i>Berosus sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
69400	<i>Stenelmis sp</i>	+			
74100	<i>Simulium sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77115	<i>Ablabesmyia janta</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77800	<i>Helopelopia sp</i>	+			
80370	<i>Corynoneura lobata</i>	+			
80410	<i>Cricotopus (C.) sp</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
80740	<i>Eukiefferiella claripennis group</i>	+			
81650	<i>Parametriocnemus sp</i>	+			
82100	<i>Thienemanniella sp</i>	+			
82101	<i>Thienemanniella taurocapita</i>	+			
82200	<i>Tvetenia bavarica group</i>	+			
82770	<i>Chironomus (C.) riparius group</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			

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

Collection Date: 08/29/2003 River Code: 02-450 RM: 21.58 B Site: Whetstone Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03600	<i>Oligochaeta</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	No. Quantitative Taxa: 0	Total Taxa: 41	
08601	<i>Hydrachnidia</i>	+	No. Qualitative Taxa: 41	ICI:	
11120	<i>Baetis flavistriga</i>	+	Number of Organisms: 0	Qual EPT: 11	
11130	<i>Baetis intercalaris</i>	+			
13000	<i>Leucrocuta sp</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
21200	<i>Calopteryx sp</i>	+			
22300	<i>Argia sp</i>	+			
50315	<i>Chimarra obscura</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52590	<i>Hydropsyche venularis</i>	+			
53501	<i>Hydroptilidae</i>	+			
57400	<i>Neophylax sp</i>	+			
59001	<i>Leptoceridae</i>	+			
59970	<i>Petrophila sp</i>	+			
61100	<i>Acilius sp</i>	+			
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
69400	<i>Stenelmis sp</i>	+			
72900	<i>Culex sp</i>	+			
77500	<i>Conchapelopia sp</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
81270	<i>Nanocladius (N.) spiniplenus</i>	+			
81690	<i>Paratrichocladius sp</i>	+			
82770	<i>Chironomus (C.) riparius group</i>	+			
82820	<i>Cryptochironomus sp</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>	+			
85615	<i>Rheotanytarsus pellucidus</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</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: 08/29/2003 River Code: 02-450 RM: 21.50 Site: Whetstone Creek dst. Mt. Gilead WWTP

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	24 +	68708	<i>Dubiraphia vittata group</i>	+
01418	<i>Craspedacusta sowerbyi</i>	8	68901	<i>Macronychus glabratus</i>	25 +
01801	<i>Turbellaria</i>	88 +	69400	<i>Stenelmis sp</i>	20 +
03360	<i>Plumatella sp</i>	1 +	77500	<i>Conchapelopia sp</i>	384 +
03600	<i>Oligochaeta</i>	+	77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	55 +
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	78400	<i>Natarsia sp</i>	+
08601	<i>Hydrachnidia</i>	16 +	78450	<i>Nilotanypus fimbriatus</i>	64
11120	<i>Baetis flavistriga</i>	29 +	80360	<i>Corynoneura "celeripes" (sensu Simpson & Bode, 1980)</i>	32
11130	<i>Baetis intercalaris</i>	21 +	80370	<i>Corynoneura lobata</i>	16
11650	<i>Procloeon sp (w/ hindwing pads)</i>	+	80410	<i>Cricotopus (C.) sp</i>	+
11651	<i>Procloeon sp (w/o hindwing pads)</i>	+	80420	<i>Cricotopus (C.) bicinctus</i>	+
12200	<i>Isonychia sp</i>	2	80430	<i>Cricotopus (C.) tremulus group</i>	+
13000	<i>Leucrocota sp</i>	8 +	81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	55
13400	<i>Stenacron sp</i>	10 +	81280	<i>Nanocladius (Plecopteracoluthus) downesi</i>	1 +
13521	<i>Stenonema femoratum</i>	1 +	82101	<i>Thienemanniella taurocapita</i>	16
13540	<i>Stenonema mediopunctatum</i>	1	82141	<i>Thienemanniella xena</i>	+
13590	<i>Stenonema vicarium</i>	+	82730	<i>Chironomus (C.) decorus group</i>	+
16324	<i>Serratella deficiens</i>	1	82820	<i>Cryptochironomus sp</i>	+
17200	<i>Caenis sp</i>	8 +	83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+
21200	<i>Calopteryx sp</i>	1 +	83840	<i>Microtendipes pedellus group</i>	+
22001	<i>Coenagrionidae</i>	+	84210	<i>Paratendipes albimanus or P. duplicatus</i>	+
22300	<i>Argia sp</i>	33 +	84315	<i>Phaenopsectra flavipes</i>	+
23600	<i>Aeshna sp</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	494 +
43300	<i>Ranatra sp</i>	+	84460	<i>Polypedilum (P.) fallax group</i>	110
44501	<i>Corixidae</i>	+	84470	<i>Polypedilum (P.) illinoense</i>	165 +
45900	<i>Notonecta sp</i>	+	84750	<i>Stictochironomus sp</i>	+
47600	<i>Sialis sp</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	549 +
48620	<i>Nigronia serricornis</i>	+	85625	<i>Rheotanytarsus sp</i>	2087 +
50315	<i>Chimarra obscura</i>	1 +	85800	<i>Tanytarsus sp</i>	55
52200	<i>Cheumatopsyche sp</i>	90 +	85821	<i>Tanytarsus glabrescens group sp 7</i>	110
52430	<i>Ceratopsyche morosa group</i>	18 +	85840	<i>Tanytarsus sepp</i>	+
52530	<i>Hydropsyche depravata group</i>	2	86401	<i>Atherix lantha</i>	+
53800	<i>Hydroptila sp</i>	1 +	87540	<i>Hemerodromia sp</i>	8
57400	<i>Neophylax sp</i>	+	93900	<i>Elimia sp</i>	15 +
58505	<i>Helicopsyche borealis</i>	+	96900	<i>Ferrissia sp</i>	160 +
59310	<i>Mystacides sepulchralis</i>	+	98600	<i>Sphaerium sp</i>	+
59500	<i>Oecetis sp</i>	+			
59510	<i>Oecetis avara</i>	1			
59970	<i>Petrophila sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
63900	<i>Laccophilus sp</i>	+			
65800	<i>Berosus sp</i>	+			
68075	<i>Psephenus herricki</i>	1 +			
68601	<i>Ancyronyx variegata</i>	9 +			
			No. Quantitative Taxa: 44	Total Taxa: 80	
			No. Qualitative Taxa: 65	ICI: 46	
			Number of Organisms: 4796	Qual EPT: 17	

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Collection Date: 08/28/2003 River Code: 02-450 RM: 18.30 Site: Whetstone Creek upst. Bennett Rd.

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	8	80310	<i>Cardiocladius obscurus</i>	+
01801	<i>Turbellaria</i>	8 +	80360	<i>Corynoneura "celeripes" (sensu Simpson & Bode, 1980)</i>	48
03600	<i>Oligochaeta</i>	4 +	80370	<i>Corynoneura lobata</i>	132
04685	<i>Placobdella ornata</i>	+	80410	<i>Cricotopus (C.) sp</i>	13
05900	<i>Lirceus sp</i>	1 +	81280	<i>Nanocladius (Plecopteracoluthus) downesi</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	82101	<i>Thienemanniella taurocapita</i>	8 +
08601	<i>Hydrachnidia</i>	+	82121	<i>Thienemanniella lobapodema</i>	12
11120	<i>Baetis flavistriga</i>	46 +	82141	<i>Thienemanniella xena</i>	4
11130	<i>Baetis intercalaris</i>	119 +	82820	<i>Cryptochironomus sp</i>	+
13000	<i>Leucrocuta sp</i>	19 +	83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+
13100	<i>Nixe sp</i>	+	84210	<i>Paratendipes albimanus or P. duplicatus</i>	27
13400	<i>Stenacron sp</i>	+	84300	<i>Phaenopsectra obediens group</i>	27
13521	<i>Stenonema femoratum</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	453 +
16200	<i>Eurylophella sp</i>	8	84460	<i>Polypedilum (P.) fallax group</i>	160 +
17200	<i>Caenis sp</i>	8	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+
18708	<i>Hexagenia bilineata</i>	+	84700	<i>Stenochironomus sp</i>	1
21200	<i>Calopteryx sp</i>	+	84750	<i>Stictochironomus sp</i>	+
22001	<i>Coenagrionidae</i>	+	85500	<i>Paratanytarsus sp</i>	67
22300	<i>Argia sp</i>	13 +	85501	<i>Paratanytarsus n.sp 1</i>	40
23909	<i>Boyeria vinosa</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	40
27500	<i>Somatochlora sp</i>	+	85625	<i>Rheotanytarsus sp</i>	333 +
34700	<i>Agnatina capitata complex</i>	1 +	85821	<i>Tanytarsus glabrescens group sp 7</i>	93
45900	<i>Notonecta sp</i>	+	85840	<i>Tanytarsus sepp</i>	80
47600	<i>Sialis sp</i>	+	87540	<i>Hemerodromia sp</i>	8
50315	<i>Chimarra obscura</i>	+	93900	<i>Elimia sp</i>	47 +
52200	<i>Cheumatopsyche sp</i>	31 +	96900	<i>Ferrissia sp</i>	34
52430	<i>Ceratopsyche morosa group</i>	+	98600	<i>Sphaerium sp</i>	+
52530	<i>Hydropsyche depravata group</i>	1 +			
52590	<i>Hydropsyche venularis</i>	6			
53400	<i>Protoptila sp</i>	+			
57400	<i>Neophylax sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+	No. Quantitative Taxa: 39	Total Taxa: 71	
59970	<i>Petrophila sp</i>	+	No. Qualitative Taxa: 51	ICI: 40	
67800	<i>Tropisternus sp</i>	+	Number of Organisms: 2003	Qual EPT: 15	
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	1 +			
68601	<i>Ancyronyx variegata</i>	+			
68901	<i>Macronychus glabratus</i>	5 +			
69400	<i>Stenelmis sp</i>	20 +			
71100	<i>Hexatoma sp</i>	+			
72501	<i>Culicidae</i>	+			
77500	<i>Conchapelopia sp</i>	13 +			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	+			
78450	<i>Nilotanypus fimbriatus</i>	64			

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

Collection Date: 07/23/2003 River Code: 02-450 RM: 13.68 A Site: Whetstone Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03040	<i>Fredericella sp</i>	+			
03600	<i>Oligochaeta</i>	+			
04664	<i>Helobdella stagnalis</i>	+			
05900	<i>Lirceus sp</i>	+			
11120	<i>Baetis flavistriga</i>	+			
11130	<i>Baetis intercalaris</i>	+			
13000	<i>Leucrocuta sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
13561	<i>Stenonema pulchellum</i>	+			
17200	<i>Caenis sp</i>	+			
45300	<i>Sigara sp</i>	+			
47600	<i>Sialis sp</i>	+			
50315	<i>Chimarra obscura</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
53800	<i>Hydroptila sp</i>	+			
57400	<i>Neophylax sp</i>	+			
59970	<i>Petrophila sp</i>	+			
63900	<i>Laccophilus sp</i>	+			
65800	<i>Berosus sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
69400	<i>Stenelmis sp</i>	+			
74100	<i>Simulium sp</i>	+			
77115	<i>Ablabesmyia janta</i>	+			
77500	<i>Conchapelopia sp</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
80430	<i>Cricotopus (C.) tremulus group</i>	+			
82101	<i>Thienemanniella taurocapita</i>	+			
82141	<i>Thienemanniella xena</i>	+			
82770	<i>Chironomus (C.) riparius group</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
93900	<i>Elimia sp</i>	+			
95100	<i>Physella sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 39
No. Qualitative Taxa: 39	ICI:
Number of Organisms: 0	Qual EPT: 10

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

Collection Date: 08/29/2003 River Code: 02-450 RM: 13.68 B Site: Whetstone Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03121	<i>Paludicella articulata</i>	+			
05900	<i>Lirceus sp</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>	+			
22300	<i>Argia sp</i>	+			
45300	<i>Sigara sp</i>	+			
47600	<i>Sialis sp</i>	+			
50315	<i>Chimarra obscura</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
53501	<i>Hydroptilidae</i>	+			
57400	<i>Neophylax sp</i>	+			
59970	<i>Petrophila sp</i>	+			
63900	<i>Laccophilus sp</i>	+			
65800	<i>Berosus sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
69400	<i>Stenelmis sp</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	+			
77800	<i>Helopelopia sp</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
82770	<i>Chironomus (C.) riparius group</i>	+			
84460	<i>Polypedilum (P.) fallax group</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
93900	<i>Elimia sp</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 30
 No. Qualitative Taxa: 30 ICI:
 Number of Organisms: 0 Qual EPT: 7

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

Collection Date: 08/28/2003 River Code: 02-450 RM: 12.80 Site: Whetstone Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	6 +	77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	+
03360	<i>Plumatella sp</i>	+	78450	<i>Nilotanypus fimbriatus</i>	32
03600	<i>Oligochaeta</i>	32 +	80370	<i>Corynoneura lobata</i>	32
05900	<i>Lirceus sp</i>	+	80430	<i>Cricotopus (C.) tremulus group</i>	54
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	81280	<i>Nanocladius (Plecopteracoluthus) downesi</i>	+
08601	<i>Hydrachnidia</i>	128 +	81690	<i>Paratrichocladius sp</i>	54
11120	<i>Baetis flavistriga</i>	131 +	81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	54
11130	<i>Baetis intercalaris</i>	1616 +	82101	<i>Thienemanniella taurocapita</i>	48
12200	<i>Isonychia sp</i>	10 +	82820	<i>Cryptochironomus sp</i>	+
13000	<i>Leucrocuta sp</i>	25 +	84450	<i>Polypedilum (Uresipedilum) flavum</i>	430 +
13400	<i>Stenacron sp</i>	25 +	84470	<i>Polypedilum (P.) illinoense</i>	+
13540	<i>Stenonema mediopunctatum</i>	12	84750	<i>Stictochironomus sp</i>	+
13561	<i>Stenonema pulchellum</i>	12	85500	<i>Paratanytarsus sp</i>	+
13590	<i>Stenonema vicarium</i>	12	85615	<i>Rheotanytarsus pellucidus</i>	269
18619	<i>Ephemera simulans</i>	+	85625	<i>Rheotanytarsus sp</i>	3549 +
22001	<i>Coenagrionidae</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	108 +
22300	<i>Argia sp</i>	+	87540	<i>Hemerodromia sp</i>	81 +
28955	<i>Plathemis lydia</i>	+	93900	<i>Elimia sp</i>	2 +
34700	<i>Agnatina capitata complex</i>	4 +	96900	<i>Ferrissia sp</i>	65
42700	<i>Belostoma sp</i>	+	97601	<i>Corbicula fluminea</i>	+
43300	<i>Ranatra sp</i>	+			
47600	<i>Sialis sp</i>	+			
50315	<i>Chimarra obscura</i>	186 +	No. Quantitative Taxa: 35		Total Taxa: 64
51400	<i>Nyctiophylax sp</i>	+	No. Qualitative Taxa: 51		ICI: 52
52200	<i>Cheumatopsyche sp</i>	3120 +	Number of Organisms: 10772		Qual EPT: 14
52430	<i>Ceratopsyche morosa group</i>	143 +			
52530	<i>Hydropsyche depravata group</i>	2			
57400	<i>Neophylax sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59310	<i>Mystacides sepulchralis</i>	+			
59970	<i>Petrophila sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
65800	<i>Berosus sp</i>	+			
66500	<i>Enochrus sp</i>	+			
68075	<i>Psephenus herricki</i>	1 +			
68130	<i>Helichus sp</i>	+			
68601	<i>Ancyronyx variegata</i>	37			
68901	<i>Macronychus glabratus</i>	23 +			
69400	<i>Stenelmis sp</i>	121 +			
71100	<i>Hexatoma sp</i>	+			
72700	<i>Anopheles sp</i>	+			
74100	<i>Simulium sp</i>	240 +			
77120	<i>Ablabesmyia mallochi</i>	+			
77500	<i>Conchapelopia sp</i>	108 +			

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

Collection Date: 09/10/2003 River Code: 02-450 RM: 9.00 Site: Whetstone Creek dst. Waldo-Fulton-Chesterville

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	8	68130	<i>Helichus sp</i>	2
01801	<i>Turbellaria</i>	14 +	68601	<i>Ancyronyx variegata</i>	1
03121	<i>Paludicella articulata</i>	+	68708	<i>Dubiraphia vittata group</i>	51 +
03600	<i>Oligochaeta</i>	34 +	68901	<i>Macronychus glabratus</i>	30 +
05900	<i>Lirceus sp</i>	1 +	69400	<i>Stenelmis sp</i>	85 +
08250	<i>Orconectes (Procericambarus) rusticus</i>	2 +	71100	<i>Hexatoma sp</i>	+
08601	<i>Hydrachnidia</i>	+	74100	<i>Simulium sp</i>	+
11020	<i>Acerpenna pygmaea</i>	11	74501	<i>Ceratopogonidae</i>	8
11120	<i>Baetis flavistriga</i>	6 +	77120	<i>Ablabesmyia mallochii</i>	7
11130	<i>Baetis intercalaris</i>	1 +	77500	<i>Conchapelopia sp</i>	21
11670	<i>Procloeon viridoculare</i>	+	77740	<i>Hayesomyia senata</i>	21 +
13000	<i>Leucrocuta sp</i>	10 +	77800	<i>Helopelopia sp</i>	21 +
13400	<i>Stenacron sp</i>	144 +	78450	<i>Nilotanypus fimbriatus</i>	20
13561	<i>Stenonema pulchellum</i>	6	80360	<i>Corynoneura "celeripes" (sensu Simpson & Bode, 1980)</i>	36 +
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	32	80370	<i>Corynoneura lobata</i>	36
16700	<i>Tricorythodes sp</i>	41 +	81280	<i>Nanocladius (Plecopteracoluthus) downesi</i>	+
17200	<i>Caenis sp</i>	41 +	82101	<i>Thienemanniella taurocapita</i>	4
21200	<i>Calopteryx sp</i>	+	82121	<i>Thienemanniella lobapodema</i>	4
22001	<i>Coenagrionidae</i>	+	83040	<i>Dicrotendipes neomodestus</i>	7
22300	<i>Argia sp</i>	17 +	83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	7
23909	<i>Boyeria vinosa</i>	+	83840	<i>Microtendipes pedellus group</i>	63
28955	<i>Plathemis lydia</i>	+	84210	<i>Paratendipes albimanus or P. duplicatus</i>	63
30000	<i>Plecoptera</i>	4	84300	<i>Phaenopsectra obediens group</i>	7
34700	<i>Agnetina capitata complex</i>	2 +	84450	<i>Polypedilum (Uresipedilum) flavum</i>	28 +
42700	<i>Belostoma sp</i>	+	84460	<i>Polypedilum (P.) fallax group</i>	35
43300	<i>Ranatra sp</i>	+	84470	<i>Polypedilum (P.) illinoense</i>	+
45300	<i>Sigara sp</i>	+	84475	<i>Polypedilum (P.) ophioides</i>	+
47600	<i>Sialis sp</i>	2 +	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	246
50315	<i>Chimarra obscura</i>	9 +	85230	<i>Cladotanytarsus mancus group</i>	7
51400	<i>Nyctiophylax sp</i>	4 +	85263	<i>Cladotanytarsus vanderwulpi group Type 3</i>	7
51600	<i>Polycentropus sp</i>	1 +	85264	<i>Cladotanytarsus vanderwulpi group Type 4</i>	106
52200	<i>Cheumatopsyche sp</i>	53 +	85265	<i>Cladotanytarsus vanderwulpi group Type 5</i>	35
52430	<i>Ceratopsyche morosa group</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	+
52590	<i>Hydropsyche venularis</i>	28 +	85625	<i>Rheotanytarsus sp</i>	+
53400	<i>Protoptila sp</i>	+	85720	<i>Stempellinella n.sp nr. flavidula</i>	76
53501	<i>Hydroptilidae</i>	+	85802	<i>Tanytarsus curticornis group</i>	7
57400	<i>Neophylax sp</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	14 +
57900	<i>Pycnopsyche sp</i>	+	85840	<i>Tanytarsus sepp</i>	28 +
59310	<i>Mystacides sepulchralis</i>	+	87540	<i>Hemerodromia sp</i>	5
59970	<i>Petrophila sp</i>	+	93900	<i>Elimia sp</i>	23 +
60900	<i>Peltodytes sp</i>	+	96900	<i>Ferrissia sp</i>	+
65800	<i>Berosus sp</i>	+	98600	<i>Sphaerium sp</i>	20 +
67800	<i>Tropisternus sp</i>	+			
68075	<i>Psephenus herricki</i>	9 +			

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

Collection Date: 09/10/2003 River Code: 02-450 RM: 9.00 Site: Whetstone Creek dst. Waldo-Fulton-Chesterville

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
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No. Quantitative Taxa: 58 Total Taxa: 86

No. Qualitative Taxa: 58 ICI: **50**

Number of Organisms: 1611 Qual EPT: 19

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

Collection Date: 09/08/2003 River Code: 02-450 RM: 2.70 Site: Whetstone Creek dst. St. Rt. 229

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	59510	<i>Oecetis avara</i>	4 +
01320	<i>Hydra sp</i>	8	59970	<i>Petrophila sp</i>	+
01801	<i>Turbellaria</i>	36 +	60400	<i>Gyrinus sp</i>	+
03121	<i>Paludicella articulata</i>	1 +	68075	<i>Psephenus herricki</i>	1 +
03360	<i>Plumatella sp</i>	1 +	68601	<i>Ancyronyx variegata</i>	1 +
03600	<i>Oligochaeta</i>	16 +	68708	<i>Dubiraphia vittata group</i>	+
05900	<i>Lirceus sp</i>	+	68901	<i>Macronychus glabratus</i>	33 +
06201	<i>Hyalella azteca</i>	+	69400	<i>Stenelmis sp</i>	125 +
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	71100	<i>Hexatoma sp</i>	+
08601	<i>Hydrachnidia</i>	+	74501	<i>Ceratopogonidae</i>	+
11020	<i>Acerpenna pygmaea</i>	11	77120	<i>Ablabesmyia mallochii</i>	8 +
11130	<i>Baetis intercalaris</i>	11	77500	<i>Conchapelopia sp</i>	23 +
11650	<i>Procloeon sp (w/ hindwing pads)</i>	+	77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	45
12200	<i>Isonychia sp</i>	2			
13000	<i>Leucrocuta sp</i>	27 +	77800	<i>Helopelopia sp</i>	8
13400	<i>Stenacron sp</i>	279 +	80360	<i>Corynoneura "celeripes" (sensu Simpson & Bode, 1980)</i>	8
13521	<i>Stenonema femoratum</i>	1	80370	<i>Corynoneura lobata</i>	4
13561	<i>Stenonema pulchellum</i>	120	80420	<i>Cricotopus (C.) bicinctus</i>	8 +
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	100	81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	8
16700	<i>Tricorythodes sp</i>	28 +	81650	<i>Parametriocnemus sp</i>	8
17100	<i>Brachycercus sp</i>	+	82121	<i>Thienemanniella lobapodema</i>	12 +
17200	<i>Caenis sp</i>	41	82141	<i>Thienemanniella xena</i>	4
21200	<i>Calopteryx sp</i>	+	83040	<i>Dicrotendipes neomodestus</i>	8 +
22001	<i>Coenagrionidae</i>	+	83840	<i>Microtendipes pedellus group</i>	8
22300	<i>Argia sp</i>	20 +	84210	<i>Paratendipes albimanus or P. duplicatus</i>	23
43300	<i>Ranatra sp</i>	+	84315	<i>Phaenopsectra flavipes</i>	8
43570	<i>Neoplea sp</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	38 +
45100	<i>Palmacorixa sp</i>	+	84460	<i>Polypedilum (P.) fallax group</i>	15
45400	<i>Trichocorixa sp</i>	+	84470	<i>Polypedilum (P.) illinoense</i>	+
47600	<i>Sialis sp</i>	+	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	8
48410	<i>Corydalus cornutus</i>	4	84700	<i>Stenochironomus sp</i>	15
48620	<i>Nigronia serricornis</i>	1	84790	<i>Tribelos fuscicorne</i>	8
50315	<i>Chimarra obscura</i>	34 +	85201	<i>Cladotanytarsus species group A</i>	8
51600	<i>Polycentropus sp</i>	2 +	85264	<i>Cladotanytarsus vanderwulpi group Type 4</i>	45 +
52200	<i>Cheumatopsyche sp</i>	471 +	85500	<i>Paratanytarsus sp</i>	8
52430	<i>Ceratopsyche morosa group</i>	10 +	85615	<i>Rheotanytarsus pellucidus</i>	23 +
52530	<i>Hydropsyche depravata group</i>	+	85625	<i>Rheotanytarsus sp</i>	121 +
52550	<i>Hydropsyche frisoni</i>	1	85720	<i>Stempellinella n.sp nr. flavidula</i>	20
52620	<i>Macrostemum zebratum</i>	1 +	85802	<i>Tanytarsus curticornis group</i>	8
53800	<i>Hydroptila sp</i>	9 +	85821	<i>Tanytarsus glabrescens group sp 7</i>	136 +
57400	<i>Neophylax sp</i>	+	85840	<i>Tanytarsus sepp</i>	68
57900	<i>Pycnopsyche sp</i>	+	87540	<i>Hemerodromia sp</i>	12 +
58505	<i>Helicopsyche borealis</i>	+	95100	<i>Physella sp</i>	+
59300	<i>Mystacides sp</i>	+			

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

Collection Date: 09/08/2003 River Code: 02-450 RM: 2.70 Site: Whetstone Creek dst. St. Rt. 229

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
96900	<i>Ferrissia sp</i>	16 +			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 61 Total Taxa: 88
No. Qualitative Taxa: 58 ICI: **56**
Number of Organisms: 2131 Qual EPT: 17

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

Collection Date: 09/10/2003 River Code: 02-451 RM: 1.20 Site: Claypool Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03360	<i>Plumatella sp</i>	+			
03600	<i>Oligochaeta</i>	+			
05800	<i>Caecidotea sp</i>	+			
05900	<i>Lirceus sp</i>	+			
06700	<i>Crangonyx sp</i>	+			
08310	<i>Procambarus (Ortmannicus) acutus acutus</i>	+			
11125	<i>Pseudocloeon frondale</i>	+			
11130	<i>Baetis intercalaris</i>	+			
13521	<i>Stenonema femoratum</i>	+			
21200	<i>Calopteryx sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
27500	<i>Somatochlora sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52430	<i>Ceratopsyche morosa group</i>	+			
53501	<i>Hydroptilidae</i>	+			
59570	<i>Oecetis nocturna</i>	+			
60900	<i>Peltodytes sp</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
74100	<i>Simulium sp</i>	+			
77500	<i>Conchapelopia sp</i>	+			
78450	<i>Nilotanytus fimbriatus</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
93900	<i>Elimia sp</i>	+			
95100	<i>Physella sp</i>	+			
96264	<i>Planorbella (Pierosoma) pilsbryi</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 31
 No. Qualitative Taxa: 31 ICI:
 Number of Organisms: 0 Qual EPT: 7

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

Collection Date: 10/06/2003 River Code: 02-452 RM: 0.20 Site: Mitchell Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	98200	<i>Pisidium sp</i>	+
03360	<i>Plumatella sp</i>	+	98600	<i>Sphaerium sp</i>	+
04685	<i>Placobdella ornata</i>	+			
06700	<i>Crangonyx sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 46
07840	<i>Cambarus (Cambarus) sciotensis</i>	+	No. Qualitative Taxa: 46		ICI:
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	Number of Organisms: 0		Qual EPT: 11
11120	<i>Baetis flavistriga</i>	+			
11130	<i>Baetis intercalaris</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	+			
16200	<i>Eurylophella sp</i>	+			
17200	<i>Caenis sp</i>	+			
21200	<i>Calopteryx sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
23909	<i>Boyeria vinosa</i>	+			
47600	<i>Sialis sp</i>	+			
48620	<i>Nigronia serricornis</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
55300	<i>Ptilostomis sp</i>	+			
57400	<i>Neophylax sp</i>	+			
59970	<i>Petrophila sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
74100	<i>Simulium sp</i>	+			
77500	<i>Conchapelopia sp</i>	+			
80351	<i>Corynoneura n.sp 1</i>	+			
81040	<i>Limnophyes sp</i>	+			
81270	<i>Nanocladius (N.) spiniplenus</i>	+			
81650	<i>Parametriocnemus sp</i>	+			
82200	<i>Tvetenia bavarica group</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85615	<i>Rheotanytarsus pellucidus</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>	+			

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

Collection Date: 09/04/2003 River Code: 02-453 RM: 13.20 Site: Shaw Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	82730	<i>Chironomus (C.) decorus group</i>	+
03600	<i>Oligochaeta</i>	+	82820	<i>Cryptochironomus sp</i>	+
04685	<i>Placobdella ornata</i>	+	83040	<i>Dicrotendipes neomodestus</i>	+
04686	<i>Placobdella papillifera</i>	+	83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+
05900	<i>Lirceus sp</i>	+	83840	<i>Microtendipes pedellus group</i>	+
07820	<i>Cambarus (Cambarus) sp A</i>	+	84210	<i>Paratendipes albimanus or P. duplicatus</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	+
08601	<i>Hydrachnidia</i>	+	84470	<i>Polypedilum (P.) illinoense</i>	+
11018	<i>Acerpenna macdunnoughi</i>	+	84750	<i>Stictochironomus sp</i>	+
11120	<i>Baetis flavistriga</i>	+	85400	<i>Micropsectra sp</i>	+
11125	<i>Pseudocloeon frondale</i>	+	85500	<i>Paratanytarsus sp</i>	+
11130	<i>Baetis intercalaris</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	+
11200	<i>Callibaetis sp</i>	+	85625	<i>Rheotanytarsus sp</i>	+
11650	<i>Procloeon sp (w/ hindwing pads)</i>	+	85800	<i>Tanytarsus sp</i>	+
13000	<i>Leucrocuta sp</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
13400	<i>Stenacron sp</i>	+	87540	<i>Hemerodromia sp</i>	+
13521	<i>Stenonema femoratum</i>	+	93900	<i>Elimia sp</i>	+
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	+	98200	<i>Pisidium sp</i>	+
21200	<i>Calopteryx sp</i>	+	98600	<i>Sphaerium sp</i>	+
22001	<i>Coenagrionidae</i>	+			
28955	<i>Plathemis lydia</i>	+			
45300	<i>Sigara sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 63
47600	<i>Sialis sp</i>	+	No. Qualitative Taxa: 63		ICI:
50315	<i>Chimarra obscura</i>	+	Number of Organisms: 0		Qual EPT: 17
52200	<i>Cheumatopsyche sp</i>	+			
52430	<i>Ceratopsyche morosa group</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53800	<i>Hydroptila sp</i>	+			
55300	<i>Ptilostomis sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
65800	<i>Berosus sp</i>	+			
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68702	<i>Dubiraphia bivittata</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69225	<i>Optioservus fastiditus</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
74100	<i>Simulium sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Collection Date: 09/10/2003 River Code: 02-453 RM: 10.60 Site: Shaw Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	84470	<i>Polypedilum (P.) illinoense</i>	+
03600	<i>Oligochaeta</i>	+	84750	<i>Stictochironomus sp</i>	+
04685	<i>Placobdella ornata</i>	+	85500	<i>Paratanytarsus sp</i>	+
05900	<i>Lirceus sp</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	+
06201	<i>Hyaella azteca</i>	+	85625	<i>Rheotanytarsus sp</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	85800	<i>Tanytarsus sp</i>	+
08601	<i>Hydrachnidia</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
11120	<i>Baetis flavistriga</i>	+	85840	<i>Tanytarsus sepp</i>	+
11125	<i>Pseudocloeon frondale</i>	+	87400	<i>Stratiomys sp</i>	+
11130	<i>Baetis intercalaris</i>	+	93900	<i>Elimia sp</i>	+
11200	<i>Callibaetis sp</i>	+	95100	<i>Physella sp</i>	+
11650	<i>Procloeon sp (w/ hindwing pads)</i>	+	96900	<i>Ferrissia sp</i>	+
13000	<i>Leucrocuta sp</i>	+	98600	<i>Sphaerium sp</i>	+
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+	No. Quantitative Taxa: 0		Total Taxa: 57
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	+	No. Qualitative Taxa: 57		ICI:
17200	<i>Caenis sp</i>	+	Number of Organisms: 0		Qual EPT: 14
21200	<i>Calopteryx sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
23909	<i>Boyeria vinosa</i>	+			
28955	<i>Plathemis lydia</i>	+			
42700	<i>Belostoma sp</i>	+			
44501	<i>Corixidae</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53800	<i>Hydroptila sp</i>	+			
55300	<i>Ptilostomis sp</i>	+			
59970	<i>Petrophila sp</i>	+			
60400	<i>Gyrinus sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
67300	<i>Hydrochus sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
69400	<i>Stenelmis sp</i>	+			
72340	<i>Dixella sp</i>	+			
72700	<i>Anopheles sp</i>	+			
74100	<i>Simulium sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
82141	<i>Thienemanniella xena</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			

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

Collection Date: 09/10/2003 River Code: 02-453 RM: 5.20 Site: Shaw Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	+			
04685	<i>Placobdella ornata</i>	+			
05900	<i>Lirceus sp</i>	+			
06700	<i>Crangonyx sp</i>	+			
08250	<i>Orconectes (Procericambarus) rusticus</i>	+			
11020	<i>Acerpenna pygmaea</i>	+			
11130	<i>Baetis intercalaris</i>	+			
11200	<i>Callibaetis sp</i>	+			
11650	<i>Procloeon sp (w/ hindwing pads)</i>	+			
11651	<i>Procloeon sp (w/o hindwing pads)</i>	+			
11670	<i>Procloeon viridoculare</i>	+			
13000	<i>Leucrocuta sp</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
18750	<i>Hexagenia limbata</i>	+			
21200	<i>Calopteryx sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
22300	<i>Argia sp</i>	+			
45300	<i>Sigara sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
45900	<i>Notonecta sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69400	<i>Stenelmis sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	+			
78450	<i>Nilotanytus fimbriatus</i>	+			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
84315	<i>Phaenopsectra flavipes</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84460	<i>Polypedilum (P.) fallax group</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85615	<i>Rheotanytarsus pellucidus</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
98200	<i>Pisidium sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

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

Collection Date: 08/28/2003 River Code: 02-453 RM: 1.50 Site: Shaw Creek Dst. Beatty Rd.

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	20 +	85625	<i>Rheotanytarsus sp</i>	11
03600	<i>Oligochaeta</i>	1	85720	<i>Stempellinella n.sp nr. flavidula</i>	3
04680	<i>Placobdella sp</i>	+	85840	<i>Tanytarsus sepp</i>	2 +
05900	<i>Lirceus sp</i>	23 +	86200	<i>Tabanus sp</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	1 +	87540	<i>Hemerodromia sp</i>	2
11020	<i>Acerpenna pygmaea</i>	23 +	93900	<i>Elimia sp</i>	7 +
11120	<i>Baetis flavistriga</i>	7	98600	<i>Sphaerium sp</i>	+
11130	<i>Baetis intercalaris</i>	41 +	99100	<i>Pyganodon grandis</i>	+
12200	<i>Isonychia sp</i>	+			
13000	<i>Leucrocuta sp</i>	30 +	No. Quantitative Taxa: 34		Total Taxa: 52
13400	<i>Stenacron sp</i>	584 +	No. Qualitative Taxa: 33		ICI: 42
13521	<i>Stenonema femoratum</i>	8 +	Number of Organisms: 867		Qual EPT: 9
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	+			
17200	<i>Caenis sp</i>	2			
22300	<i>Argia sp</i>	4			
43300	<i>Ranatra sp</i>	+			
45900	<i>Notonecta sp</i>	+			
47600	<i>Sialis sp</i>	+			
51600	<i>Polycentropus sp</i>	4 +			
52200	<i>Cheumatopsyche sp</i>	20 +			
60900	<i>Peltodytes sp</i>	+			
63900	<i>Laccophilus sp</i>	+			
67700	<i>Paracymus sp</i>	+			
68075	<i>Psephenus herricki</i>	11 +			
68901	<i>Macronychus glabratus</i>	13 +			
69400	<i>Stenelmis sp</i>	+			
74100	<i>Simulium sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	4 +			
77500	<i>Conchapelopia sp</i>	5			
77800	<i>Helopelopia sp</i>	1			
78450	<i>Nilotanytus fimbriatus</i>	5			
80370	<i>Corynoneura lobata</i>	22			
81040	<i>Limnophyes sp</i>	1			
82121	<i>Thienemanniella lobapodema</i>	1			
82141	<i>Thienemanniella xena</i>	1			
83840	<i>Microtendipes pedellus group</i>	6			
84155	<i>Paralauterborniella nigrohalteralis</i>	1			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	1			
84315	<i>Phaenopsectra flavipes</i>	1			
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>	1			

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

Collection Date: 07/23/2003 River Code: 02-455 RM: 0.10 Site: Big Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
05900	<i>Lirceus sp</i>	+			
08200	<i>Orconectes sp</i>	+			
11120	<i>Baetis flavistriga</i>	+			
11125	<i>Pseudocloeon frondale</i>	+			
11200	<i>Callibaetis sp</i>	+			
13000	<i>Leucrocuta sp</i>	+			
13100	<i>Nixe sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
23600	<i>Aeshna sp</i>	+			
27500	<i>Somatochlora sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
65800	<i>Berosus sp</i>	+			
67700	<i>Paracymus sp</i>	+			
74100	<i>Simulium sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77500	<i>Conchapelopia sp</i>	+			
81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
83051	<i>Dicrotendipes simpsoni</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84315	<i>Phaenopsectra flavipes</i>	+			
84700	<i>Stenochironomus sp</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85615	<i>Rheotanytarsus pellucidus</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
95100	<i>Physella sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 28
No. Qualitative Taxa: 28	ICI:
Number of Organisms: 0	Qual EPT: 7

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

Collection Date: 07/17/2003 River Code: 02-457 RM: 1.40 Site: Sams Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	69400	<i>Stenelmis sp</i>	+
01801	<i>Turbellaria</i>	+	71100	<i>Hexatoma sp</i>	+
03600	<i>Oligochaeta</i>	+	74100	<i>Simulium sp</i>	+
06201	<i>Hyalella azteca</i>	+	77500	<i>Conchapelopia sp</i>	+
08250	<i>Orconectes (Procericambarus) rusticus</i>	+	77800	<i>Helopelopia sp</i>	+
08601	<i>Hydrachnidia</i>	+	80351	<i>Corynoneura n.sp 1</i>	+
11120	<i>Baetis flavistriga</i>	+	80360	<i>Corynoneura "celeripes" (sensu Simpson & Bode, 1980)</i>	+
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+	80370	<i>Corynoneura lobata</i>	+
11430	<i>Dipheter hageni</i>	+	80410	<i>Cricotopus (C.) sp</i>	+
11650	<i>Procloeon sp (w/ hindwing pads)</i>	+	80420	<i>Cricotopus (C.) bicinctus</i>	+
12200	<i>Isonychia sp</i>	+	80440	<i>Cricotopus (C.) trifascia</i>	+
13000	<i>Leucrocuta sp</i>	+	81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	+
13400	<i>Stenacron sp</i>	+	82101	<i>Thienemanniella taurocapita</i>	+
13521	<i>Stenonema femoratum</i>	+	82141	<i>Thienemanniella xena</i>	+
13540	<i>Stenonema mediopunctatum</i>	+	82820	<i>Cryptochironomus sp</i>	+
13590	<i>Stenonema vicarium</i>	+	83840	<i>Microtendipes pedellus group</i>	+
14600	<i>Choroterpes sp</i>	+	84210	<i>Paratendipes albimanus or P. duplicatus</i>	+
17200	<i>Caenis sp</i>	+	84440	<i>Polypedilum (Uresipedilum) aviceps</i>	+
21200	<i>Calopteryx sp</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	+
22001	<i>Coenagrionidae</i>	+	84480	<i>Polypedilum (P.) laetum group</i>	+
22300	<i>Argia sp</i>	+	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+
23700	<i>Anax sp</i>	+	84750	<i>Stictochironomus sp</i>	+
23804	<i>Basiaeschna janata</i>	+	84800	<i>Tribelos jucundum</i>	+
34500	<i>Perlesta placida complex</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	+
45100	<i>Palmacorixa sp</i>	+	85625	<i>Rheotanytarsus sp</i>	+
45300	<i>Sigara sp</i>	+	85802	<i>Tanytarsus curticornis group</i>	+
47600	<i>Sialis sp</i>	+	86200	<i>Tabanus sp</i>	+
50301	<i>Chimarra aterrima</i>	+	87540	<i>Hemerodromia sp</i>	+
50804	<i>Lype diversa</i>	+	93900	<i>Elimia sp</i>	+
50906	<i>Psychomyia flavida</i>	+	95100	<i>Physella sp</i>	+
51400	<i>Nyctiophylax sp</i>	+	98600	<i>Sphaerium sp</i>	+
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52440	<i>Ceratopsyche slossonae</i>	+	No. Quantitative Taxa: 0		Total Taxa: 75
52530	<i>Hydropsyche depravata group</i>	+	No. Qualitative Taxa: 75		ICI:
53800	<i>Hydroptila sp</i>	+	Number of Organisms: 0		Qual EPT: 25
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>	+			
63300	<i>Hydroporus sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			

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

Collection Date: 07/24/2003 River Code: 02-458 RM: 0.40 Site: East Branch Whetstone Creek

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	83840	<i>Microtendipes pedellus group</i>	+
03600	<i>Oligochaeta</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	+
08200	<i>Orconectes sp</i>	+	84700	<i>Stenochironomus sp</i>	+
08601	<i>Hydrachnidia</i>	+	84750	<i>Stictochironomus sp</i>	+
11014	<i>Acentrella turbida</i>	+	85500	<i>Paratanytarsus sp</i>	+
11018	<i>Acerpenna macdunnoughi</i>	+	85501	<i>Paratanytarsus n.sp 1</i>	+
11120	<i>Baetis flavistriga</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	+
11650	<i>Procloeon sp (w/ hindwing pads)</i>	+	85625	<i>Rheotanytarsus sp</i>	+
11670	<i>Procloeon viridoculare</i>	+	85800	<i>Tanytarsus sp</i>	+
13000	<i>Leucrocuta sp</i>	+	85802	<i>Tanytarsus curticornis group</i>	+
13521	<i>Stenonema femoratum</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
13590	<i>Stenonema vicarium</i>	+	87510	<i>Chelifera sp</i>	+
14600	<i>Choroterpes sp</i>	+	93900	<i>Elimia sp</i>	+
17200	<i>Caenis sp</i>	+	94400	<i>Fossaria sp</i>	+
34500	<i>Perlesta placida complex</i>	+	95100	<i>Physella sp</i>	+
44501	<i>Corixidae</i>	+	96900	<i>Ferrissia sp</i>	+
47600	<i>Sialis sp</i>	+	98600	<i>Sphaerium sp</i>	+
48620	<i>Nigronia serricornis</i>	+			
50301	<i>Chimarra aterrima</i>	+	No. Quantitative Taxa: 0		Total Taxa: 61
50804	<i>Lype diversa</i>	+	No. Qualitative Taxa: 61		ICI:
51400	<i>Nyctiophylax sp</i>	+	Number of Organisms: 0		Qual EPT: 21
52200	<i>Cheumatopsyche sp</i>	+			
52430	<i>Ceratopsyche morosa group</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53300	<i>Glossosoma sp</i>	+			
53800	<i>Hydroptila sp</i>	+			
57400	<i>Neophylax sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
67500	<i>Laccobius sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68130	<i>Helichus sp</i>	+			
69400	<i>Stenelmis sp</i>	+			
71100	<i>Hexatoma sp</i>	+			
71900	<i>Tipula sp</i>	+			
74100	<i>Simulium sp</i>	+			
77500	<i>Conchapelopia sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
80410	<i>Cricotopus (C.) sp</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
81280	<i>Nanocladius (Plecopteracoluthus) downesi</i>	+			
82141	<i>Thienemanniella xena</i>	+			
82200	<i>Tvetenia bavarica group</i>	+			
82820	<i>Cryptochironomus sp</i>	+			

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

Collection Date: 07/14/2003 River Code: 02-465 RM: 0.90 Site: Glen Echo Ravine

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03360	<i>Plumatella sp</i>	+			
03600	<i>Oligochaeta</i>	+			
04960	<i>Mooreobdella sp</i>	+			
11120	<i>Baetis flavistriga</i>	+			
21604	<i>Archilestes grandis</i>	+			
53800	<i>Hydroptila sp</i>	+			
67700	<i>Paracymus sp</i>	+			
71900	<i>Tipula sp</i>	+			
74100	<i>Simulium sp</i>	+			
77250	<i>Alotanypus venustus</i>	+			
77500	<i>Conchapelopia sp</i>	+			
78350	<i>Meropelopia sp</i>	+			
80410	<i>Cricotopus (C.) sp</i>	+			
80430	<i>Cricotopus (C.) tremulus group</i>	+			
80740	<i>Eukiefferiella claripennis group</i>	+			
82770	<i>Chironomus (C.) riparius group</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
95100	<i>Physella sp</i>	+			
96120	<i>Menetus (Micromenetus) dilatatus</i>	+			
96900	<i>Ferrissia sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 21
No. Qualitative Taxa: 21	ICI:
Number of Organisms: 0	Qual EPT: 2

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

Collection Date: 09/26/2003 River Code: 02-466 RM: 2.90 Site: Rocky Fork

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	96900	<i>Ferrissia sp</i>	+
03600	<i>Oligochaeta</i>	+	98600	<i>Sphaerium sp</i>	+
06201	<i>Hyaella azteca</i>	+			
11120	<i>Baetis flavistriga</i>	+	No. Quantitative Taxa: 0		Total Taxa: 46
11130	<i>Baetis intercalaris</i>	+	No. Qualitative Taxa: 46		ICI:
11651	<i>Procloeon sp (w/o hindwing pads)</i>	+	Number of Organisms: 0		Qual EPT: 16
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	+			
16200	<i>Eurylophella 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>	+			
35560	<i>Isoperla similis</i>	+			
50315	<i>Chimarra obscura</i>	+			
51400	<i>Nyctiophylax sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
53501	<i>Hydroptilidae</i>	+			
55300	<i>Ptilostomis sp</i>	+			
59310	<i>Mystacides sepulchralis</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
80351	<i>Corynoneura n.sp 1</i>	+			
81650	<i>Parametriocnemus sp</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84315	<i>Phaenopsectra flavipes</i>	+			
84700	<i>Stenochironomus sp</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85615	<i>Rheotanytarsus pellucidus</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
86100	<i>Chrysops sp</i>	+			
93900	<i>Elimia sp</i>	+			
95100	<i>Physella sp</i>	+			
96002	<i>Helisoma anceps anceps</i>	+			

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

Collection Date: 08/28/2003 River Code: 02-466 RM: 0.40 Site: Rocky Fork

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03600	<i>Oligochaeta</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
05800	<i>Caecidotea sp</i>	+			
50315	<i>Chimarra obscura</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
53501	<i>Hydroptilidae</i>	+			
63900	<i>Laccophilus sp</i>	+			
65800	<i>Berosus sp</i>	+			
66200	<i>Cymbiodyta sp</i>	+			
66500	<i>Enochrus sp</i>	+			
67700	<i>Paracymus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
71900	<i>Tipula sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
96120	<i>Menetus (Micromenetus) dilatatus</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: 3

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

Collection Date: 09/26/2003 River Code: 02-467 RM: 0.40 Site: Trib. to Whetstone Creek (RM 33.71)

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	+	94400	<i>Fossaria sp</i>	+
04935	<i>Erpobdella punctata punctata</i>	+	95100	<i>Physella sp</i>	+
07800	<i>Cambarus sp</i>	+	96002	<i>Helisoma anceps anceps</i>	+
11120	<i>Baetis flavistriga</i>	+	96900	<i>Ferrissia sp</i>	+
13521	<i>Stenonema femoratum</i>	+			
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 48
16200	<i>Eurylophella sp</i>	+	No. Qualitative Taxa: 48		ICI:
22001	<i>Coenagrionidae</i>	+	Number of Organisms: 0		Qual EPT: 6
23600	<i>Aeshna sp</i>	+			
23909	<i>Boyeria vinosa</i>	+			
45300	<i>Sigara sp</i>	+			
47600	<i>Sialis sp</i>	+			
48620	<i>Nigronia serricornis</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
55300	<i>Ptilostomis sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
69400	<i>Stenelmis sp</i>	+			
71910	<i>Tipula abdominalis</i>	+			
72340	<i>Dixella sp</i>	+			
74100	<i>Simulium sp</i>	+			
77500	<i>Conchapelopia sp</i>	+			
78350	<i>Meropelopia sp</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
79400	<i>Zavrelimyia sp</i>	+			
80370	<i>Corynoneura lobata</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
81040	<i>Limnophyes sp</i>	+			
81650	<i>Parametriocnemus sp</i>	+			
82141	<i>Thienemanniella xena</i>	+			
82200	<i>Tvetenia bavarica group</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84315	<i>Phaenopsectra flavipes</i>	+			
84440	<i>Polypedilum (Uresipedilum) aviceps</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85501	<i>Paratanytarsus n.sp 1</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85800	<i>Tanytarsus sp</i>	+			
86100	<i>Chrysops sp</i>	+			

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

Collection Date: 09/05/2003 River Code: 02-468 RM: 0.10 Site: Trib. to Olentangy R. (RM 20.71)

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03600	<i>Oligochaeta</i>	+			
04664	<i>Helobdella stagnalis</i>	+			
05900	<i>Lirceus sp</i>	+			
06700	<i>Crangonyx sp</i>	+			
07701	<i>Cambaridae</i>	+			
11120	<i>Baetis flavistriga</i>	+			
11430	<i>Dipheter hageni</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
21200	<i>Calopteryx sp</i>	+			
35560	<i>Isoperla similis</i>	+			
36500	<i>Sweltsa sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52315	<i>Diplectrona modesta</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53800	<i>Hydroptila sp</i>	+			
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
74100	<i>Simulium sp</i>	+			
77500	<i>Conchapelopia sp</i>	+			
78400	<i>Natarsia sp</i>	+			
79720	<i>Diamesa sp</i>	+			
81650	<i>Parametriocnemus sp</i>	+			
82200	<i>Tvetenia bavarica group</i>	+			
84469	<i>Polypedilum (P.) illinoense group</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
87515	<i>Clinocera (C.) sp</i>	+			
95100	<i>Physella sp</i>	+			
96002	<i>Helisoma anceps anceps</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 34
 No. Qualitative Taxa: 34 ICI:
 Number of Organisms: 0 Qual EPT: 11

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

Collection Date: 09/05/2003 River Code: 02-469 RM: 0.10 Site: Trib. to Olentangy R. (RM 20.71/0.53)

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	+			
05900	<i>Lirceus sp</i>	+			
07800	<i>Cambarus sp</i>	+			
11430	<i>Dipheter hageni</i>	+			
33100	<i>Leuctra sp</i>	+			
35560	<i>Isoperla similis</i>	+			
36500	<i>Sweltsa sp</i>	+			
45300	<i>Sigara sp</i>	+			
47600	<i>Sialis sp</i>	+			
48610	<i>Nigronia fasciatus</i>	+			
50301	<i>Chimarra aterrima</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52315	<i>Diplectrona modesta</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
57400	<i>Neophylax sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
66200	<i>Cymbiodyta sp</i>	+			
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
74100	<i>Simulium sp</i>	+			
78400	<i>Natarsia sp</i>	+			
81650	<i>Parametriocnemus sp</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
85400	<i>Micropsectra sp</i>	+			
95100	<i>Physella sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 27
No. Qualitative Taxa: 27	ICI:
Number of Organisms: 0	Qual EPT: 10

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

Collection Date: 09/08/2003 River Code: 02-470 RM: 2.40 Site: Bee Run

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03040	<i>Fredericella sp</i>	+	98600	<i>Sphaerium sp</i>	+
03600	<i>Oligochaeta</i>	+			
04660	<i>Helobdella sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 45
04935	<i>Erpobdella punctata punctata</i>	+	No. Qualitative Taxa: 45		ICI:
05800	<i>Caecidotea sp</i>	+	Number of Organisms: 0		Qual EPT: 5
06700	<i>Crangonyx sp</i>	+			
11125	<i>Pseudocloeon frondale</i>	+			
11200	<i>Callibaetis sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
21200	<i>Calopteryx sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
23600	<i>Aeshna sp</i>	+			
23909	<i>Boyeria vinosa</i>	+			
27500	<i>Somatochlora sp</i>	+			
42700	<i>Belostoma sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
48200	<i>Chauliodes sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
55300	<i>Ptilostomis sp</i>	+			
60800	<i>Haliphus sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
72340	<i>Dixella sp</i>	+			
72600	<i>Aedes sp</i>	+			
72700	<i>Anopheles sp</i>	+			
77355	<i>Clinotanypus pinguis</i>	+			
77500	<i>Conchapelopia sp</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
82141	<i>Thienemanniella xena</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
84155	<i>Paralauterborniella nigrohalteralis</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84315	<i>Phaenopsectra flavipes</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85800	<i>Tanytarsus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
87540	<i>Hemerodromia sp</i>	+			
94800	<i>Stagnicola sp</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: 09/08/2003 River Code: 02-470 RM: 0.30 Site: Bee Run near mouth

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
05900	<i>Lirceus sp</i>	+			
06700	<i>Crangonyx sp</i>	+			
11125	<i>Pseudocloeon frondale</i>	+			
11200	<i>Callibaetis sp</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	+			
21200	<i>Calopteryx sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
23909	<i>Boyeria vinosa</i>	+			
27500	<i>Somatochlora sp</i>	+			
42700	<i>Belostoma sp</i>	+			
44501	<i>Corixidae</i>	+			
45900	<i>Notonecta sp</i>	+			
47600	<i>Sialis sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
55300	<i>Ptilostomis sp</i>	+			
63300	<i>Hydroporus sp</i>	+			
68201	<i>Scirtidae</i>	+			
68702	<i>Dubiraphia bivittata</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69400	<i>Stenelmis sp</i>	+			
72700	<i>Anopheles sp</i>	+			
74100	<i>Simulium sp</i>	+			
77500	<i>Conchapelopia sp</i>	+			
78450	<i>Nilotanyus fimbriatus</i>	+			
81650	<i>Parametriocnemus sp</i>	+			
81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	+			
84155	<i>Paralauterborniella nigrohalteralis</i>	+			
84315	<i>Phaenopsectra flavipes</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84700	<i>Stenochironomus sp</i>	+			
85615	<i>Rheotanytarsus pellucidus</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85800	<i>Tanytarsus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
93900	<i>Elimia sp</i>	+			
95100	<i>Physella sp</i>	+			
96264	<i>Planorbella (Pierosoma) pilsbryi</i>	+			