

Division of Surface Water

**Appendices to the
Biological and Water Quality
Study of the Grand River
Basin**

**Hydrologic Units 04110004 010, 04110004 020,
04110004 030, and 04110004 040,**



June 4, 2009

Ted Strickland, Governor, State of Ohio
Chris Korleski, Director

**Appendices to the
Biological and Water Quality Study of the
Upper Grand River Watershed
2007**

Ashtabula, Geauga, Portage and Trumbull Counties
Counties

June 4, 2009

OHIO EPA Technical Report EAS/2009-6-5

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Chris Korleski
Director, Ohio Environmental Protection Agency

Appendix 1
Water Chemistry Data

Stream (River Code)				Temperature (°C)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation	pH (S.U.)	Specific Conductance (field) (µmhos/cm)	Specific Conductance (lab) (µmhos/cm)	Stream Flow (cfs)	Stream Stage (ft)	<i>E. coli</i> (CFU/100 ml)	Fecal Coliform (CFU/100 ml)	
Location (STORET Station)	River Mile	Date	Note											
04110004010														
04110004010010														
Grand River (03-001-000)														
US Hwy. 422 ust Parkman (200631)	98.70	6/4/2007	1	16.8	11.84	122.2	8.24	387	321			>2,400		
		7/9/2007		18.3	8.38	89.2	7.74	543	421	570				
		8/13/2007		17.5	8.56	89.7	7.81	518	396					
US Hwy. 422 dst Parkman (G01S07)	95.38	6/4/2007		19.9	12.48	137.1	8.36	521	450			3,000		
		7/9/2007		21.6	9.14	103.8	8.25	571	460	120				
		8/13/2007		20.4	8.59	95.4	8.15	493	407					
Hobart Rd. (G01K09)	94.27	12/6/2006		3.0	12.92	96.0	7.93	257	161		10.86			
		4/17/2007		6.0	11.78	94.8	8.16	309	213		10.44			
		4/24/2007		19.6	11.81	128.9	9.42	310	336		10.84			
		5/16/2007		16.9	9.20	95.2	8.21	351	379		10.88			
		5/21/2007		16.3	13.79	140.7	8.42	504	383		10.92	42	40	
		6/4/2007		2		510						1,900	2,300	
		6/4/2007		2	19.7	11.98	131.2	8.22	509	438		10.69	1,200	2,100
		6/6/2007			15.2	12.76	127.3	8.31	483	368		10.77	300	350
		7/9/2007			22.4	8.95	103.2	8.14	566	462		10.94	770	860
		7/26/2007												
		7/30/2007			20.7	8.58	95.8	8.31	539	414		10.91	460	500
		8/9/2007			24.3	5.67	67.8	8.12	404	401		10.80	1,400	1,000
		8/13/2007			20.5	8.42	93.6	8.03	499	409		10.84		
		8/22/2007												
8/29/2007														
W. Farmington PWS Intake (300206)	89.14	6/4/2007		23.8	12.61	149.3	8.30	443	419			3		
		7/9/2007		27.9	10.98	140.3	8.75	462	425	<4				
		8/13/2007		26.3	9.73	120.7	8.51	414	384					
Wood-Curtis Rd. (G01K20)	88.50	12/6/2006		1.8	12.56	90.5	7.58	341	213		11.75			
		4/17/2007		4.8	10.93	85.2	7.72	266	174		9.12			
		4/24/2007		17.4	10.38	108.3	8.16	312	325		11.89			
		5/16/2007		17.0	8.51	88.2	7.88	344	379		12.28			
		5/21/2007		15.7	12.13	122.2	8.08	485	364		12.49	160	160	
		6/4/2007		19.2	10.94	118.6	7.93	474	404		11.70	5,300	5,800	
		6/6/2007		2	15.9	10.03	101.5	8.01	489	378		12.15	770	430
		6/6/2007		2					487				630	520
		7/9/2007		1	22.9	8.28	96.5	8.02	546	455		10.80	260	340
		7/26/2007												
		7/30/2007		1	21.5	7.29	82.7	8.04	527	404		12.54	1,400	1,100
		8/9/2007			24.2	5.23	62.4	7.81	450	407		110.51	4,300	2,700
		8/13/2007			21.1	7.20	81.1	7.75	476	397		12.50		
		8/22/2007												
8/29/2007														

Stream (River Code)	Location (STORET Station)	River Mile	Date	Note	Temperature (°C)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation	pH (S.U.)	Specific Conductance (field) (µmhos/cm)	Specific Conductance (lab) (µmhos/cm)	Stream Flow (cfs)	Stream Stage (ft)	<i>E. coli</i> (CFU/100 ml)	Fecal Coliform (CFU/100 ml)
04110004010020														
Dead Branch (03-025-000)														
	Old State Rd. (300170)	7.86	6/4/2007		19.1	5.29	56.3	7.40	770	660			910	
			7/9/2007	2					1,090				520	
			7/9/2007	2	23.7	3.18	37.8	7.78	1,120	938			410	
			8/13/2007		20.8	4.56	51.1	7.33	1,140	991				
	Geauga Easterly Rd. (300169)	5.05	6/4/2007		21.8	4.28	48.8	7.33	590	529			50	
			7/9/2007		24.0	5.35	64.3	7.53	703	594			120	
			8/13/2007		22.4	4.55	52.6	7.37	906	814				
RM 6.20 Trib Dead Branch (03-025-001)														
	State Rte. 534 (300171)	0.14	6/4/2007		22.0	7.98	88.9	8.01	688	625			630	
			7/9/2007		25.8	7.49	90.8	8.08	803	697			40	
			8/13/2007	1	22.4	8.08	93.3	7.91	914	820				
04110004010030														
Mud Run (03-024-000)														
	House-Craft Rd. (300172)	4.05	6/4/2007	1	20.6	7.84	87.5	7.52	367	318			3,600	
			7/9/2007		24.0	5.76	68.6	7.62	769	609			<100	
			8/13/2007	2					487					
			8/13/2007	2	20.9	6.97	78.1	7.63	486	411				
04110004010040														
Center Creek (03-023-000)														
	State Rte. 45 (300174)	6.25	6/4/2007		19.2	7.64	82.8	7.55	470	406			1,300	
			7/9/2007		19.9	6.07	66.0	7.37	1,170	925			1,500	
			8/13/2007		20.9	5.25	58.8	7.08	795	497				
	Corey Hunt Rd. (G01K13)	3.03	6/4/2007		21.0	8.61	96.1	8.14	796	701			410	
			7/9/2007		26.0	9.58	119.1	8.21	918	794			41	
			8/13/2007		22.1	9.92	113.9	8.13	823	730				
04110004010050														
Baughman Creek (03-022-000)														
	Fenton Rd. (G02S06)	3.30	6/4/2007		19.1	7.03	75.0	7.59	549	462			2,700	
			7/9/2007		21.0	8.91	99.3	7.84	641	498			800	
			8/13/2007		19.0	7.01	75.7	7.66	596	487				
Deacon Creek (03-022-001)														
	Hyde-Shaffer Rd (300176)	5.31	6/4/2007		21.4	4.86	55.1	7.20	225	199			52	
			7/9/2007		22.5	4.17	44.0	7.31	384	186			200	
			8/13/2007		20.0	5.86	64.6	7.42	584	678				
	Hyde-Oakfield Rd. (300175)	1.38	6/4/2007	3	20.5	6.25	71.8	7.51	251	220			930	
			7/9/2007		22.9	5.34	63.0	7.77	946	973			40,000	
			8/13/2007		20.9	6.74	75.8	7.44	1,230	1,080				
04110004010060														
Grand River (03-001-000)														
	Donley-County Line (G01K18)	75.58	6/4/2007		21.3	9.53	107.5	7.53	476	425			260	
			7/9/2007	4	25.6	7.83	95.9	7.88	550	482			100	
			8/13/2007	1	23.4	6.90	81.1	7.37	471	410				

Stream (River Code) Location (STORET Station)	River Mile	Date	Note	Temperature (°C)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation	pH (S.U.)	Specific Conductance (field) (µmhos/cm)	Specific Conductance (lab) (µmhos/cm)	Stream Flow (cfs)	Stream Stage (ft)	<i>E. coli</i> (CFU/100 ml)	Fecal Coliform (CFU/100 ml)
04110004010060													
Coffee Creek (03-021-000)													
Combs Rd. (G01K17)	0.23	6/4/2007	5	19.8	1.57	17.2	6.99	278	244			190	
		7/9/2007	6										
		8/13/2007		21.8	5.25	60.0	5.54	685	630				
04110004010070													
Grapevine Creek (03-160-002)													
Donley-County Line (300177)	2.10	6/4/2007		23.3	11.78	138.3	8.10	499	435			24,000	
		8/13/2007		19.4	7.57	82.4	7.57	817	643				
Swine Creek (03-160-000)													
Valley Picnic Area (300178)	10.36	6/4/2007		17.2	11.95	124.4	7.89	533	443			670	
		7/9/2007		22.1	9.83	112.8	8.12	672	550			150	
		8/13/2007		20.2	8.24	91.2	7.91	663	547				
Curtis-Middlefield Rd. (G01K16)	8.18	12/6/2006		3.5	12.21	92.0	7.88	370	247		12.53		
		4/17/2007		5.6	11.33	90.3	7.92	237	156		12.15		
		4/24/2007		19.3	10.79	117.1	8.45	330	368		12.68		
		5/16/2007	2	15.3	9.69	96.9	8.07	373	410	5.26	12.70		
		5/16/2007	2					372					
		5/21/2007	2	15.4	12.95	129.7	7.99	563	421		12.78	110	96
		5/21/2007	2					565				130	110
		6/4/2007		17.0	12.30	127.3	7.89	518	421		12.68	1,000	2,400
		6/6/2007						612				510	730
		7/9/2007	7	21.7	9.49	108.0	7.89	640	517		12.85	770	860
		7/26/2007											
		7/30/2007		19.8	8.28	90.7	7.91	602	447		12.82	690	640
		8/9/2007	2	22.6	5.82	67.4	7.95	596	530		12.71	2,100	2,600
		8/9/2007	2					596					
		8/13/2007		19.9	8.63	94.8	7.79	645	525		12.71		
		8/22/2007											
		8/29/2007											
State Rte. 87 (200628)	1.80	6/4/2007	1	17.9	10.66	112.3	7.67	422	348			24,000	
		7/9/2007		24.2	14.67	175.1	7.95	584	503			490	
		8/13/2007	1	22.3	7.88	90.5	7.83	563	484				
Andrews Creek (03-162-000)													
Girdle Rd. (300179)	3.62	6/4/2007		18.5	11.97	128.0	7.92	495	416			410	
		7/9/2007		22.8	7.65	88.9	7.85	607	499			7,700	
		8/13/2007		20.2	8.41	92.9	7.93	597	487				
Plum Creek (03-163-000)													
Girdle Rd. (300180)	1.48	6/4/2007		17.5	10.63	111.2	7.69	508	419			300	
		7/9/2007		19.8	7.57	83.1	7.79	749	576			1,600	
		8/13/2007		18.6	6.62	70.9	7.68	725	571				

Stream (River Code) Location (STORET Station)	River Mile	Date	Note	Temperature (°C)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation	pH (S.U.)	Specific Conductance (field) (µmhos/cm)	Specific Conductance (lab) (µmhos/cm)	Stream Flow (cfs)	Stream Stage (ft)	<i>E. coli</i> (CFU/100 ml)	Fecal Coliform (CFU/100 ml)
04110004020													
04110004020010													
Mill Creek (03-019-000)													
Wiswell Rd. (300186)	4.94	6/12/2007	7	15.3	12.92	129.1	7.61	337	239			260	
		7/11/2007	6										
		8/15/2007	7	17.9	5.69	60.0	7.80	323	262				
Sweet West Rd. (300185)	2.30	6/12/2007		16.0	16.56	167.9	7.80	391	310			120	
		7/11/2007		21.1	7.44	83.9	7.78	401	324			670	
		8/15/2007	2	18.5	8.80	94.0	7.84	399	258				
		8/15/2007	2	18.5	8.80	94.0	7.84	399	258				
RM 3.79 Trib Mill Cr. (03-019-001)													
Girdle Rd. (300191)	0.13	6/12/2007		19.9	18.37	202.0	7.92	466	379			60	
		7/11/2007	6										
		8/15/2007		19.3	5.00	54.3	7.11	547	527				
Garden Creek (03-020-000)													
Girdle Rd. (300183)	2.31	6/12/2007		15.9	14.91	151.0	7.32	405	321			440	
		7/11/2007		22.8	4.40	51.2	7.37	589	488			510	
		8/15/2007	6										
04110004020020													
Phelps Creek (03-150-000)													
US Hwy. 322 (300190)	5.14	6/12/2007		17.9	17.13	180.8	7.93	456	376			100	
		7/11/2007		23.3	5.16	61.0	7.84	556	464			52	
		8/15/2007		19.5	8.96	97.7	8.05	482	381				
Windsor Rd. Ext. (G01K06)	1.23	12/6/2006		1.0	13.33	93.9	7.69	240	138		10.07		
		4/17/2007	2	4.5	11.55	89.4	7.91	227	142		6.51		
		4/17/2007	2					225					
		4/24/2007		15.5	11.16	111.9	8.03	261	253		10.59		
		5/16/2007		16.4	7.34	75.2	7.63	322	344	3.21	11.15		
		5/21/2007		13.8	10.88	105.3	7.87	438	315		11.16	190	31
		6/6/2007		15.0	7.42	73.6	7.42	466	216		15.78	100	200
		6/12/2007		18.0	13.37	141.4	7.56	485	401		11.33	500	800
		7/26/2007											
		7/30/2007		21.2	6.20	69.9	7.79	508	386		11.53	400	300
		8/9/2007		22.7	4.96	57.6	7.72	550	486		10.95	4,900	3,600
		8/15/2007		19.4	7.48	81.4	7.74	501	392		11.41		
		8/22/2007											
		8/29/2007	2										
		8/29/2007	2										
N. Br. Phelps Ck. (03-151-000)													
Huntley Rd. (300189)	0.94	6/12/2007	8	16.5	12.50	128.2	7.59	380	310			800	
		7/11/2007	7	23.1	2.40	32.4	7.56	489	412			220	
		8/15/2007	7	20.1	3.29	36.3	7.57	505	403				

Stream (River Code)		River Mile	Date	Note	Temperature (°C)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation	pH (S.U.)	Specific	Specific	Stream Flow (cfs)	Stream Stage (ft)	<i>E. coli</i> (CFU/100 ml)	Fecal Coliform (CFU/100 ml)
Location (STORET Station)	Conductance (field) (µmhos/cm)								Conductance (lab) (µmhos/cm)					
04110004020020														
S. Br. Phelps Ck. (03-152-000)														
Peters Rd. (300193)	5.16	6/12/2007			15.6	9.61	96.7	7.72	528	415			160	
		7/11/2007	6											
		8/15/2007	7		18.6	5.67	60.7	7.96	500	408				
US Hwy. 322 (300192)	0.58	6/12/2007			16.4	15.40	157.7	7.79	598	474			160	
		7/11/2007			23.2	4.96	59.6	7.58	900	755			48	
		8/15/2007			18.5	8.08	86.3	7.88	642	498				
04110004020030														
Grand River (03-001-000)														
US Hwy. 322 (G01W06)	65.88	12/6/2006			1.4	11.67	83.1	7.40	198	112		21.92		
		4/17/2007			4.7	11.03	85.7	7.65	250	163		20.07		
		4/24/2007			16.0	8.57	86.9	7.63	270	267		25.64		
		5/16/2007			16.8	7.68	79.3	7.68	321	348		27.22		
		5/21/2007			14.3	10.84	106.0	7.86	477	348		27.21	20	20
		6/6/2007			17.0	8.63	89.3	7.75	476	376		26.10	100	310
		6/12/2007			18.7	12.51	134.2	7.60	468	394		27.63	100	80
		7/11/2007			23.6	5.31	63.2	7.70	537	458		28.27	770	430
		7/26/2007												
		7/30/2007			22.8	7.29	84.7	7.97	554	437		26.90	1,600	1,900
		8/9/2007			23.7	4.56	53.9	7.64	432	386		25.05	2,100	1,900
		8/15/2007			20.4	6.42	71.2	7.60	485	386	21.20	27.83		
		8/22/2007												
		8/29/2007												
Montgomery Rd. (G01K07)	60.95	6/12/2007			19.8	6.04	66.2	7.76	488	416			140	
		7/11/2007			23.8	3.94	46.7	7.77	536	473			800	
		8/15/2007			21.8	4.35	49.6	7.79	480	406				
04110004020040														
Hoskins Creek (03-140-000)														
State Rte. 534 (300184)	4.88	6/12/2007			17.6	8.11	85.1	8.05	628	509			80	
		7/11/2007			21.2	6.34	71.5	7.98	360	300			>24,000	
		8/15/2007			22.1	6.60	75.8	8.96	529	448				
Hurlbert Rd. (G01K19)	2.01	6/12/2007			20.3	9.64	106.9	8.30	488	428			40	
		7/11/2007			23.1	6.54	76.4	7.92	437	379			6,200	
		8/15/2007			23.0	8.39	98.0	8.83	498	429				
State Rte. 534 (300197)	1.15	7/11/2007			19.3	5.72	62.1	7.94	459	370			8,200	
		8/15/2007			19.6	5.08	55.5	8.05	232	200				
Indian Creek (03-141-000)														
Montgomery Rd. (200624)	1.30	6/12/2007			16.5	8.55	87.7	8.07	537	424			60	
		7/11/2007			21.1	5.91	66.5	8.06	485	399			5,200	
		8/15/2007			21.1	6.71	75.5	8.25	570	476				

Stream (River Code)		River Mile	Date	Note	Temperature (°C)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation	pH (S.U.)	Specific	Specific	Stream Flow (cfs)	Stream Stage (ft)	<i>E. coli</i> (CFU/100 ml)	Fecal Coliform (CFU/100 ml)
Location (STORET Station)	Conductance (field) (µmhos/cm)								Conductance (lab) (µmhos/cm)					
04110004020050														
Grand River (03-001-000)														
US Hwy. 6 (G01K08)	55.62	12/6/2006			1.5	10.63	75.8	7.42	185	104		19.29		
		4/17/2007			4.4	11.08	85.4	7.64	250	160		18.26		
		4/24/2007			15.6	8.24	82.8	7.60	265	257		23.72		
		5/16/2007			16.5	7.67	78.7	7.65	318	340		25.26		
		5/21/2007			14.1	10.16	98.8	7.83	470	341		25.25	41	110
		6/6/2007			17.1	7.94	82.5	7.61	450	356		24.15	520	310
		6/12/2007			19.5	5.59	61.0	7.68	478	405		25.56	560	10
		7/11/2007			24.4	4.03	48.3	7.75	516	462			1,900	2,300
		7/26/2007												
		7/30/2007			22.9	6.80	79.3	7.83	552	437		26.13	52	110
		8/9/2007			23.6	4.67	55.1	7.75	488	438		23.58	1,000	910
		8/15/2007			21.6	5.07	57.6	7.61	467	392		25.68		
		8/21/2007												
		8/29/2007												
04110004020060														
Crooked Creek (03-017-000)														
Callahan Rd. (300182)	6.70	6/12/2007			13.7	9.08	87.6	8.10	299	227			20	
		7/11/2007			17.3	1.85	19.2	7.28	176	176			92	
		8/15/2007			16.8	6.08	62.7	7.69	338	266				
Higley Rd. (300181)	3.51	6/12/2007			16.6	8.37	86.0	8.05	229	182			140	
		7/11/2007			22.3	6.03	69.3	7.89	235	200			180	
		8/15/2007			19.4	8.34	90.6	8.04	258	212				
Callender Rd. (G01K01)	1.62	6/12/2007	2						268					
		6/12/2007	2		18.7	6.49	69.6	7.72	270	224			6,800	
		7/11/2007			24.3	2.71	32.4	7.58	319	279			730	
		8/15/2007			21.6	5.46	62.0	7.74	315	277				
RM 6.50 Trib Crooked Cr. (03-017-002)														
Callahan Rd. (300194)	0.29	6/12/2007			15.1	7.75	77.1	7.89	200	154			20	
		7/11/2007			18.5	5.78	61.8	8.28	454	365			260	
		8/15/2007			18.1	6.73	71.3	7.47	260	208				
Mud Creek (03-018-000)														
Higley Rd. (300188)	3.78	6/12/2007			15.5	8.04	80.7	7.91	394	309			96	
		7/11/2007			20.0	4.82	53.0	7.70	334	272			>48,000	
		8/15/2007			18.6	5.83	62.5	7.72	426	336				
Wilderness Rd. (300187)	0.20	6/12/2007			19.0	5.07	54.8	7.64	280	236			310	
		7/11/2007	9											
		8/15/2007	1		21.0	4.38	49.2	7.57	347	302				

Stream (River Code)								Specific	Specific	Stream	Stream		Fecal
Location	River			Temperature	Dissolved	D.O.	pH	Conductance	Conductance	Flow	Stage	<i>E. coli</i>	Coliform
(STORET Station)	Mile	Date	Note	(°C)	Oxygen	Percent	(S.U.)	(field)	(lab)	(cfs)	(ft)	(CFU/100 ml)	(CFU/100 ml)
					(mg/l)	Saturation		(µmhos/cm)	(µmhos/cm)				
04110004030													
04110004030010													
Rock Creek (03-130-000)													
Dodgeville Rd.	9.64	12/6/2006		1.2	11.86	84.0	7.44	158	90		15.29		
(G01W02)		4/17/2007		4.2	10.87	83.4	7.54	181	110		14.49		
		4/24/2007		16.6	9.65	99.0	7.83	196	183		14.58		
		5/16/2007		17.8	6.64	69.9	7.60	232	239		15.79		
		5/21/2007		14.7	10.95	107.9	7.89	310	228		15.76	180	210
		6/6/2007		13.7	10.41	100.4	7.88	284	395		11.85	340	340
		6/21/2007		20.4	4.62	51.2	7.46	365	330		15.55	410	310
		7/16/2007		22.8	3.78	43.9	7.53	402	353		15.35	82	62
		7/26/2007	2										
		7/26/2007	2										
		7/30/2007		24.0	5.12	60.9	7.72	358	296		15.26	30	20
		8/9/2007		25.4	2.09	25.5	7.64	298	298		15.16	360	330
		8/21/2007											
		8/28/2007		20.9	5.30	59.4	7.54	487	402		15.35		
		8/29/2007											
State Rte. 45	1.23	12/6/2006		5.8	11.41	91.2	7.89	153	99		15.63		
(G01K03)		4/17/2007		5.9	11.40	91.4	7.88	204	131		14.31		
		4/24/2007		13.0	12.73	121.0	9.47	186	155		15.90		
		5/16/2007		16.8	8.89	91.6	7.80	216	209	5.08	16.18		
		5/21/2007	10	13.8	15.23	147.3	8.74	255	184		16.18	50	45
		6/6/2007						245				200	130
		6/21/2007		20.8	9.45	105.7	8.42	252	231		16.17	100	310
		7/16/2007	10	19.2	9.64	104.6	8.89	537	432	0.60	16.39	41	10
		7/26/2007											
		7/30/2007	10	27.4	14.97	189.6	9.69	527	456		16.57	10	10
		8/9/2007		23.8	6.13	72.6	7.95	406	368		16.35	1,500	1,400
		8/21/2007	2										
		8/21/2007	2										
		8/28/2007		20.1	8.75	96.5	8.13	242	214		16.22		
		8/29/2007											
Union Cemetery	0.95	4/17/2007		5.9	11.45	91.8	7.93	201	131				
(G01W05)		4/24/2007		13.3	13.37	128.0	9.53	187	158				
		6/21/2007		20.8	9.53	106.6	8.33	266	228			260	
		7/16/2007	10	18.1	6.08	64.5	8.67	612	454			20	
		8/28/2007		20.0	8.94	98.4	8.10	250	221				
Snyder Ditch (03-130-003)													
Moore Rd.	0.60	6/21/2007	1	18.9	4.52	48.8	7.57	414	359			410	
(300199)		7/16/2007	1	21.9	6.07	69.3	7.84	383	328			1,200	
		8/28/2007	1	20.0	7.05	77.7	7.71	382	373				
Whetstone Creek (03-133-000)													
State Rte. 46	2.00	6/21/2007		18.7	7.20	77.5	7.40	1,460	1,271			1,100	
(300200)		7/16/2007		16.8	4.65	48.3	7.67	2,060	2,411			41	
		8/28/2007		17.9	8.29	87.4	7.67	528	411				

Stream (River Code)		River Mile	Date	Note	Temperature (°C)	Dissolved Oxygen (mg/l)	D.O. Percent Saturation	pH (S.U.)	Specific	Specific	Stream Flow (cfs)	Stream Stage (ft)	<i>E. coli</i> (CFU/100 ml)	Fecal Coliform (CFU/100 ml)
Location (STORET Station)	Conductance (field) (µmhos/cm)								Conductance (lab) (µmhos/cm)					
04110004030010														
Lebanon Creek (03-134-000)														
Institute Rd. (300198)	1.93	6/21/2007			19.0	9.04	97.5	8.04	591	468			490	
		7/16/2007			19.0	7.97	86.8	7.86	3,630	2,904			180	
		8/28/2007			18.9	12.48	134.5	8.32	504	381				
04110004040														
04110004040010														
Grand River (03-001-000)														
Footville-Richmond Rd. (G02K54)	48.63	6/21/2007			21.0	6.56	73.6	7.69	422	382			100	
		7/16/2007			21.0	5.61	63.1	7.70	500	420			100	
		8/28/2007			19.7	6.52	71.4	7.76	353	322				
Three Brothers Creek (03-015-000)														
Stumpville Rd (300203)	6.68	6/21/2007			20.5	6.61	73.4	7.61	451	397			1,900	
		7/16/2007			18.3	3.07	32.7	7.77	602	459			140	
		8/28/2007			21.4	8.66	98.0	7.70	531	446				
Camp Beaumont (300208)	1.99	6/21/2007			18.1	6.73	71.4	7.44	463	382			310	
		7/16/2007	6											
		8/28/2007			19.9	7.63	83.9	7.64	463	372				
04110004040020														
Grand River (03-001-000)														
Camp Beaumont (G02K52)	45.10	12/6/2006	2		1.8	11.61	83.4	7.69	164	94		32.69		
		12/6/2006	2						163					
		4/17/2007			4.7	11.20	87.0	7.74	225	142		31.49		
		4/24/2007			14.2	8.58	83.8	7.68	256	222		37.77		
		5/16/2007			17.9	7.80	82.3	7.82	304	313		39.25		
		5/21/2007			14.3	10.35	101.2	7.82	400	298		39.27	86	86
		6/6/2007			18.2	9.46	100.8	7.89	409	264		27.10	310	100
		6/21/2007			20.6	6.12	68.1	7.66	438	390		39.62	100	<100
		7/16/2007			21.6	4.77	54.2	7.93	493	405		40.13	<100	100
		7/26/2007												
		7/30/2007			25.0	7.37	89.4	7.97	521	435		40.07	110	120
		8/9/2007			24.2	4.49	53.5	7.66	433	393		38.53	1,700	1,200
		8/21/2007												
		8/28/2007	2		21.2	6.12	69.0	7.62	347	330		39.20		
		8/28/2007	2						348					
		8/29/2007												
Trumbull Creek (03-013-000)														
Dawsey Rd. (300205)	9.03	6/21/2007			16.6	4.31	44.3	7.36	304	274			790	
		7/16/2007	6											
		8/28/2007			16.9	6.24	64.4	7.18	330	280				
State Rte. 534 (300204)	6.23	6/21/2007			18.9	9.65	103.8	8.19	336	288			87	
		7/16/2007			22.9	8.50	98.9	8.66	336	284			20	
		8/28/2007			18.9	9.12	98.2	8.06	367	321				

Stream (River Code)								Specific	Specific	Stream	Stream		Fecal
Location	River	Date	Note	Temperature	Dissolved	D.O.	pH	Conductance	Conductance	Flow	Stage	<i>E. coli</i>	Coliform
(STORET Station)	Mile			(°C)	Oxygen	Percent	(S.U.)	(field)	(lab)	(cfs)	(ft)	(CFU/100 ml)	(CFU/100 ml)
					(mg/l)	Saturation		(µmhos/cm)	(µmhos/cm)				
04110004040020													
Riverdale Rd.	2.05	12/6/2006		0.7	10.70	74.6	7.61	155	86		13.45		
(G02K51)		4/17/2007		4.5	11.58	89.6	7.77	226	141		11.58		
		4/24/2007	2	14.6	9.55	93.9	7.92	254	232	8.55	14.17		
		4/24/2007	2					253					
		5/16/2007		15.6	8.49	85.4	7.60	259	252	2.57	14.38		
		5/21/2007		12.6	11.86	111.6	7.95	328	229		14.40	110	140
		6/6/2007		14.2	10.94	106.7	7.77	434	321		14.23	360	380
		6/21/2007	2	19.2	8.10	87.6	7.81	344	282		14.44		
		6/21/2007	2					342				730	460
		7/16/2007	2	19.3	5.41	58.7	7.78	394	315	0.57	14.66	840	710
		7/16/2007	2					402					
		7/26/2007											
		7/30/2007		23.1	8.15	95.3	8.22	419	333		14.59	160	190
		8/9/2007		23.1	5.54	64.8	7.84	380	360	12.57	14.01	2,500	2,700
		8/21/2007											
		8/28/2007		18.7	7.99	85.7	7.83	424	334	3.49	14.37		
		8/29/2007											
Spring Creek (03-014-000)													
Leggett Rd	5.02	6/21/2007		18.8	8.63	92.8	8.09	630	537			260	
(300202)		7/16/2007		19.7	7.30	79.9	8.34	637	501			510	
		8/28/2007		17.0	8.58	88.9	7.84	547	418				
Callahan Rd.	2.76	6/21/2007		22.3	9.92	114.3	8.18	363	336			480	
(300207)		7/16/2007		26.3	6.67	82.6	8.02	388	356			360	
		8/28/2007		21.0	7.97	89.5	7.77	366	341				
04110004040030 [Grand R. below Trumbull Cr. to above Mill Cr.]													
Bronson Creek (03-012-000)													
Windsor-Mechanicsville Rd.	1.52	6/21/2007		17.9	9.29	98.0	7.98	367	318			1,200	
(300201)		7/16/2007	6										
		8/28/2007		18.6	8.77	93.9	7.82	304	257				
Sweitzer Rd.	0.82	6/21/2007		17.9	7.84	82.7	7.66	403	341			230	
(G02K50)		7/16/2007	6										
		8/28/2007		18.4	7.71	82.0	7.57	326	283				

Notes:

1. Water turbid
2. Field Duplicate
3. Slight oil sheen
4. Clumps of algae in sample
5. Sheen and foam on water
6. No flow
7. Very low flow
8. Pond work upstream
9. No access to site
10. Nuisance algae in stream

Stream (River Code)												Total	Total	
Location	River		BOD ₅	cBOD ₂₀		Chlorophyll <u>a</u>	NH ₃ +NH ₄ -N	NO ₂ +NO ₃	NO ₂ -N		Total	Dissolved		
(STORET Station)	Mile	Date	(mg/l)	(mg/l)	COD (mg/l)	(µg/l)	(mg/l)	N (mg/l)	(mg/l)	TKN (mg/l)	(mg/l)	Phosphorus		
													(mg/l)	(mg/l)
04110004010														
04110004010010														
Grand River (03-001-000)														
US Hwy. 422 ust Parkman	98.70	6/4/2007			31		0.09	1.73	0.05	0.96		0.14		
(200631)		7/9/2007			<10		<0.05	0.21	<0.02	<0.20		<0.01		
		8/13/2007			13		<0.05	0.59	<0.02	0.45		0.03		
US Hwy. 422 dst Parkman	95.38	6/4/2007			33		0.12	0.30	0.02	0.68		0.05		
(G01S07)		7/9/2007			<10		<0.05	0.27	<0.02	0.41		0.01		
		8/13/2007			19		<0.05	0.61	<0.02	0.69		0.02		
Hobart Rd.	94.27	12/6/2006	<2		18		<0.05	0.53	<0.02	0.21		0.08		
(G01K09)		4/17/2007			<10		<0.05	0.39	<0.02	0.60		0.05		
		4/24/2007			13		<0.05	<0.10	<0.02	1.18		0.01		
		5/16/2007			19		<0.05	0.12	<0.02	0.78		0.02		
		5/21/2007			20		<0.05	0.20	<0.02	0.86		0.01		
		6/4/2007			26		0.12	0.31	0.02	0.67		0.05		
		6/4/2007			22		0.13	0.29	0.02	0.68		0.06		
		6/6/2007			17		0.09	0.49	0.04	0.83		0.05		
		7/9/2007			11		<0.05	1.62	<0.02	0.42		0.01		
		7/26/2007	<2	4.6			<0.05	0.22	<0.02	0.35		0.02		
		7/30/2007			15		<0.05	0.26	<0.02	0.46		0.05		
		8/9/2007			18		0.05	0.54	<0.02	0.56		0.07		
		8/13/2007			45		<0.05	0.60	<0.02	3.03		0.03		
		8/22/2007	2.2	5.7			0.05	1.17	<0.02	0.51		0.10		
		8/29/2007	<2	4.4			<0.05	0.29	<0.02	0.46		0.02		
W. Farmington PWS Intake	89.14	6/4/2007			26		<0.05	0.10	<0.02	0.42		<0.01		
(300206)		7/9/2007			17		<0.05	<0.10	<0.02	0.31		<0.01		
		8/13/2007			10		<0.05	<0.10	<0.02	0.50		0.01		
Wood-Curtis Rd.	88.50	12/6/2006	<2		18		<0.05	0.51	<0.02	0.23		0.09		
(G01K20)		4/17/2007			<10		0.06	0.35	<0.02	0.51		0.07		
		4/24/2007			17		<0.05	<0.10	<0.02	0.68		0.02		
		5/16/2007			15		<0.05	0.12	<0.02	0.73		0.04		
		5/21/2007			23		<0.05	0.13	<0.02	0.90		0.03		
		6/4/2007			41		0.12	0.51	0.03	0.68		0.08		
		6/6/2007			25		0.07	0.31	0.03	0.72		0.04		
		6/6/2007			23		0.08	0.34	0.03	0.76		0.04		
		7/9/2007			<10		<0.05	<0.10	<0.02	0.38		0.02		
		7/26/2007	<2	4.3			<0.05	0.13	<0.02	0.37		0.02		
		7/30/2007			15		<0.05	0.59	<0.02	0.60		0.04		
		8/9/2007			21		0.08	1.03	<0.02	0.66		0.08		
		8/13/2007			16		0.08	0.41	<0.02	0.62		0.05		
		8/22/2007	<2	5.0			0.07	0.73	<0.02	1.26		0.07		
		8/29/2007	<2	4.7			0.05	0.29	<0.02	0.37		<0.01		

Stream (River Code)											Total Phosphorus (mg/l)	Total Dissolved Phosphorus (mg/l)
Location (STORET Station)	River Mile	Date	BOD ₅ (mg/l)	cBOD ₂₀ (mg/l)	COD (mg/l)	Chlorophyll <i>a</i> (µg/l)	NH ₃ +NH ₄ -N (mg/l)	NO ₂ +NO ₃ -N (mg/l)	NO ₂ -N (mg/l)	TKN (mg/l)		
04110004010020												
Dead Branch (03-025-000)												
Old State Rd. (300170)	7.86	6/4/2007			54		0.34	0.13	<0.02	1.95	0.12	
		7/9/2007			50		0.19	<0.10	<0.02	1.42	0.08	
		7/9/2007			54		0.19	<0.10	<0.02	1.51	0.11	
		8/13/2007			32		0.18	0.18	0.03	1.23	0.08	
Geauga Easterly Rd. (300169)	5.05	6/4/2007			42		0.05	0.10	<0.02	1.25	0.05	
		7/9/2007			38		0.05	0.13	0.02	1.22	0.03	
		8/13/2007			29		0.10	0.80	0.04	1.36	0.08	
RM 6.20 Trib Dead Branch (03-025-001)												
State Rte. 534 (300171)	0.14	6/4/2007			36		<0.05	0.11	<0.02	1.07	0.02	
		7/9/2007			26		<0.05	<0.10	<0.02	0.74	0.06	
		8/13/2007			35		<0.05	<0.10	<0.02	1.09	0.05	
04110004010030												
Mud Run (03-024-000)												
House-Craft Rd. (300172)	4.05	6/4/2007			50		0.16	0.34	0.03	0.94	0.07	
		7/9/2007			38		<0.05	<0.10	<0.02	1.08	0.04	
		8/13/2007			51		0.09	0.18	0.02	1.02	0.06	
		8/13/2007			45		0.09	0.21	0.02	1.04	0.06	
04110004010040												
Center Creek (03-023-000)												
State Rte. 45 (300174)	6.25	6/4/2007			44		0.20	0.25	0.04	1.52	0.22	
		7/9/2007			11		0.33	0.51	0.03	0.80	0.06	
		8/13/2007			22		0.22	<0.10	<0.02	0.98	0.11	
Corey Hunt Rd. (G01K13)	3.03	6/4/2007			34		0.06	0.68	0.05	1.12	0.06	
		7/9/2007			11		<0.05	<0.10	<0.02	0.35	0.23	
		8/13/2007			13		<0.05	<0.10	<0.02	1.25	0.08	
04110004010050												
Baughman Creek (03-022-000)												
Fenton Rd. (G02S06)	3.30	6/4/2007			26		0.14	0.87	0.04	0.61	0.06	
		7/9/2007			<10		0.05	1.15	0.02	0.27	0.04	
		8/13/2007			10		0.06	1.00	<0.02	0.34	0.06	
Deacon Creek (03-022-001)												
Hyde-Shaffer Rd (300176)	5.31	6/4/2007			60		0.13	0.10	<0.02	1.29	0.35	
		7/9/2007			54		2.59	<0.10	<0.02	4.39	0.53	
		8/13/2007			32		0.06	<0.10	<0.02	1.18	0.12	
Hyde-Oakfield Rd. (300175)	1.38	6/4/2007			64		0.14	0.22	0.02	1.11	0.23	
		7/9/2007			54		2.95	<0.10	<0.02	4.70	0.62	
		8/13/2007			25		0.06	0.23	<0.02	1.00	0.05	
04110004010060												
Grand River (03-001-000)												
Donley-County Line (G01K18)	75.58	6/4/2007			23		0.08	0.38	0.02	0.67	0.06	
		7/9/2007			11		0.05	<0.10	<0.02	0.27	0.05	
		8/13/2007			25		0.10	0.42	<0.02	0.83	0.07	

Stream (River Code)												Total	Total
Location (STORET Station)	River Mile	Date	BOD ₅ (mg/l)	cBOD ₂₀ (mg/l)	COD (mg/l)	Chlorophyll <u>a</u> (µg/l)	NH ₃ +NH ₄ -N (mg/l)	NO ₂ +NO ₃ - N (mg/l)	NO ₂ -N (mg/l)	TKN (mg/l)	Phosphorus (mg/l)	Dissolved Phosphorus (mg/l)	
04110004010060													
Coffee Creek (03-021-000)													
Combs Rd. (G01K17)	0.23	6/4/2007			65		0.93	0.20	0.04	2.03	0.35		
		7/9/2007											
		8/13/2007			22		0.30	<0.10	<0.02	0.30	0.04		
04110004010070													
Grapevine Creek (03-160-002)													
Donley-County Line (300177)	2.10	6/4/2007			33		0.07	4.32	0.28	1.08	0.06		
		8/13/2007			29		0.10	0.35	<0.02	0.97	0.06		
Swine Creek (03-160-000)													
Valley Picnic Area (300178)	10.36	6/4/2007			25		0.05	1.54	0.04	0.73	0.06		
		7/9/2007			<10		<0.05	0.20	<0.02	<0.20	<0.01		
		8/13/2007			<10		<0.05	0.30	<0.02	0.28	0.02		
Curtis-Middlefield Rd. (G01K16)	8.18	12/6/2006	<2		13		<0.05	0.74	<0.02	0.33	0.10		
		4/17/2007			15		0.05	0.37	<0.02	0.51	0.06		
		4/24/2007			15		<0.05	0.10	<0.02	0.44	<0.01		
		5/16/2007			14		<0.05	0.44	<0.02	0.45	<0.01		
		5/16/2007			<10		<0.05	0.45	<0.02	0.59	0.01		
		5/21/2007			<10		<0.05	0.30	<0.02	0.34	<0.01		
		5/21/2007			<10		<0.05	0.23	<0.02	0.36	<0.01		
		6/4/2007			26		0.06	1.12	0.03	0.67	0.05		
		6/6/2007			16		<0.05	1.13	0.02	0.77	0.02		
		7/9/2007			<10		<0.05	<0.10	<0.02	<0.20	<0.01		
		7/26/2007	<2	3.6			<0.05	<0.10	<0.02	0.20	<0.01		
		7/30/2007			12		<0.05	0.50	<0.02	0.70	0.01		
		8/9/2007			10		<0.05	0.56	<0.02	0.49	0.04		
		8/9/2007			13		<0.05	0.58	<0.02	0.42	0.03		
		8/13/2007			<10		<0.05	0.17	<0.02	0.25	<0.01		
		8/22/2007	<2	3.9			<0.05	0.72	<0.02	0.38	0.04		
		8/29/2007	<2	4.2			<0.05	<0.10	<0.02	0.23	<0.01		
State Rte. 87 (200628)	1.80	6/4/2007			35		0.12	1.06	0.05	0.99	0.12		
		7/9/2007			<10		0.07	0.13	<0.02	0.28	0.01		
		8/13/2007			10		0.09	0.48	<0.02	0.59	0.04		
Andrews Creek (03-162-000)													
Girdle Rd. (300179)	3.62	6/4/2007			26		0.11	0.94	0.04	0.90	0.04		
		7/9/2007			11		0.09	0.13	<0.02	0.32	<0.01		
		8/13/2007			13		0.06	0.20	<0.02	0.42	0.03		
Plum Creek (03-163-000)													
Girdle Rd. (300180)	1.48	6/4/2007			21		0.16	0.24	0.05	1.10	0.05		
		7/9/2007			<10		0.18	0.45	<0.02	0.29	<0.01		
		8/13/2007			19		0.17	0.32	<0.02	0.64	0.04		

Stream (River Code)	Location (STORET Station)		River Mile	Date	BOD ₅ (mg/l)	cBOD ₂₀ (mg/l)	COD (mg/l)	Chlorophyll <i>a</i> (µg/l)	NH ₃ +NH ₄ -N (mg/l)	NO ₂ +NO ₃ -N (mg/l)	NO ₂ -N (mg/l)	TKN (mg/l)	Total Phosphorus (mg/l)	Total Dissolved Phosphorus (mg/l)
04110004020														
04110004020010														
Mill Creek (03-019-000)														
Wiswell Rd. (300186)														
	4.94	6/12/2007					52		0.10	0.13	<0.02	0.43	0.02	
		7/11/2007												
		8/15/2007					19		<0.05	0.13	<0.02	0.59	0.03	
Sweet West Rd. (300185)														
	2.30	6/12/2007					38		<0.05	0.36	<0.02	0.37	0.01	
		7/11/2007					<10		<0.05	0.25	<0.02	<0.20	0.03	
		8/15/2007					12		<0.05	0.18	<0.02	0.25	0.02	
		8/15/2007					12		<0.05	0.19	<0.02	0.26	0.03	
RM 3.79 Trib Mill Cr. (03-019-001)														
Girdle Rd. (300191)														
	0.13	6/12/2007					48		<0.05	0.22	<0.02	0.61	0.02	
		7/11/2007												
		8/15/2007					13		0.16	0.21	0.02	0.51	0.02	
Garden Creek (03-020-000)														
Girdle Rd. (300183)														
	2.31	6/12/2007					55		0.06	<0.10	<0.02	0.28	0.02	
		7/11/2007					14		0.86	0.23	0.06	1.38	0.03	
		8/15/2007												
04110004020020														
Phelps Creek (03-150-000)														
US Hwy. 322 (300190)														
	5.14	6/12/2007					45		<0.05	<0.10	<0.02	0.65	0.01	
		7/11/2007					17	37.5	<0.05	<0.10	<0.02	0.82	0.04	0.010
		8/15/2007					16	5.1	<0.05	0.10	<0.02	0.56	0.02	0.010
Windsor Rd. Ext. (G01K06)														
	1.23	12/6/2006			<2		18		<0.05	0.32	<0.02	0.27	0.07	
		4/17/2007					22		0.06	0.17	<0.02	0.55	0.09	
		4/17/2007					28		0.05	0.20	<0.02	0.58	0.08	
		4/24/2007					15		<0.05	<0.10	<0.02	<0.20	<0.01	
		5/16/2007					16		<0.05	<0.10	<0.02	0.69	0.04	
		5/21/2007					18		<0.05	0.14	<0.02	1.25	0.04	
		6/6/2007					31		0.06	2.39	0.07	0.91	0.02	
		6/12/2007					52		0.08	<0.10	<0.02	0.81	0.03	
		7/26/2007			<2	4.9			<0.05	<0.10	<0.02	0.30	0.03	
		7/30/2007					<10		<0.05	0.12	<0.02	0.32	0.03	
		8/9/2007					15		0.06	0.30	<0.02	0.60	0.05	
		8/15/2007					13		0.05	0.11	<0.02	0.42	0.03	
		8/22/2007			<2	5.3			<0.05	1.32	<0.02	0.67	0.08	
		8/29/2007			<2	4.9			0.05	<0.10	<0.02	0.47	0.02	
		8/29/2007			<2	4.6			0.05	<0.10	<0.02	0.46	0.02	
N. Br. Phelps Ck. (03-151-000)														
Huntley Rd. (300189)														
	0.94	6/12/2007					58		0.27	<0.10	<0.02	1.08	0.03	
		7/11/2007					14		1.37	<0.10	<0.02	1.83	0.05	
		8/15/2007					23		0.29	<0.10	<0.02	0.78	0.08	

Stream (River Code)												Total	Total
Location (STORET Station)	River Mile	Date	BOD ₅ (mg/l)	cBOD ₂₀ (mg/l)	COD (mg/l)	Chlorophyll <i>a</i> (µg/l)	NH ₃ +NH ₄ -N (mg/l)	NO ₂ +NO ₃ - N (mg/l)	NO ₂ -N (mg/l)	TKN (mg/l)	Phosphorus (mg/l)	Phosphorus (mg/l)	
04110004020020													
S. Br. Phelps Ck. (03-152-000)													
Peters Rd. (300193)	5.16	6/12/2007			47		0.09	0.31	0.05	1.06	0.09		
		7/11/2007											
		8/15/2007			26		0.05	0.58	<0.02	1.22	0.11		
US Hwy. 322 (300192)	0.58	6/12/2007			49		<0.05	0.11	<0.02	1.23	0.04		
		7/11/2007			23		0.41	<0.10	<0.02	1.20	0.05		
		8/15/2007			23		<0.05	0.37	<0.02	0.80	0.05		
04110004020030													
Grand River (03-001-000)													
US Hwy. 322 (G01W06)	65.88	12/6/2006	<2		24		<0.05	0.26	<0.02	0.20	0.20		
		4/17/2007			14		<0.05	0.16	<0.02	0.59	0.05		
		4/24/2007			20		<0.05	<0.10	<0.02	0.84	0.04		
		5/16/2007			21		<0.05	0.15	<0.02	0.77	0.06		
		5/21/2007			20		<0.05	0.23	<0.02	0.95	0.06		
		6/6/2007			25		0.11	0.43	0.04	0.88	0.07		
		6/12/2007			52		0.07	0.24	0.04	0.53	0.05		
		7/11/2007			<10		0.06	0.12	<0.02	0.40	0.06		
		7/26/2007	<2	4.7			<0.05	<0.10	<0.02	0.45	0.05		
		7/30/2007			15		<0.05	0.14	<0.02	0.53	0.05		
		8/9/2007			18		0.10	0.57	<0.02	0.40	0.11		
		8/15/2007			23		0.07	0.37	<0.02	0.75	0.07		
		8/22/2007	2.2	5.2			0.07	0.71	<0.02	0.53	0.09		
		8/29/2007	<2	5.2			0.06	0.26	<0.02	0.48	0.05		
Montgomery Rd. (G01K07)	60.95	6/12/2007			48		0.06	0.33	0.04	0.54	0.06		
		7/11/2007			14		0.05	0.22	<0.02	0.37	0.06		
		8/15/2007			19		0.06	0.48	<0.02	0.70	0.07		
04110004020040													
Hoskins Creek (03-140-000)													
State Rte. 534 (300184)	4.88	6/12/2007			57		<0.05	0.26	<0.02	0.83	0.04		
		7/11/2007			20		0.10	1.07	<0.02	0.72	0.10		
		8/15/2007			26		<0.05	0.13	<0.02	0.71	0.03		
Hurlbert Rd. (G01K19)	2.01	6/12/2007			35		<0.05	0.61	<0.02	0.50	0.02		
		7/11/2007			10		<0.05	0.41	<0.02	0.46	0.02		
		8/15/2007			16		<0.05	0.12	<0.02	0.53	0.01		
State Rte. 534 (300197)	1.15	7/11/2007			10		0.08	1.38	<0.02	0.71	0.10		
		8/15/2007			16		<0.05	0.46	<0.02	0.42	0.03		
Indian Creek (03-141-000)													
Montgomery Rd. (200624)	1.30	6/12/2007			42		<0.05	0.47	<0.02	0.45	0.01		
		7/11/2007			10		<0.05	0.55	<0.02	0.60	0.04		
		8/15/2007			13		<0.05	0.28	<0.02	0.37	0.01		

Stream (River Code)	Location		BOD ₅	cBOD ₂₀	COD	Chlorophyll <i>a</i>	NH ₃ +NH ₄ -N	NO ₂ +NO ₃ -N	NO ₂ -N	TKN	Total Phosphorus	Total Dissolved Phosphorus
	River Mile	Date	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
04110004020050												
Grand River (03-001-000)												
US Hwy. 6	55.62	12/6/2006	<2		29		<0.05	0.25	<0.02	0.24	0.09	
(G01K08)		4/17/2007			21		0.06	0.25	<0.02	0.57	0.07	
		4/24/2007			34		<0.05	0.10	<0.02	0.69	0.04	
		5/16/2007			19		<0.05	0.15	<0.02	0.90	0.05	
		5/21/2007			24		0.06	0.34	<0.02	0.71	0.05	
		6/6/2007			25		0.10	0.56	0.04	0.86	0.07	
		6/12/2007			35		0.08	0.36	<0.02	1.30	0.07	
		7/11/2007			14		0.08	0.26	0.03	0.57	0.07	
		7/26/2007	<2	4.8			<0.05	<0.10	<0.02	0.38	0.04	
		7/30/2007			19		<0.05	0.21	<0.02	0.56	0.05	
		8/9/2007			11		0.11	0.30	<0.02	0.44	0.07	
		8/15/2007			23		0.09	0.52	<0.02	0.77	0.07	
		8/21/2007	<2	4.9			0.07	0.29	<0.02	0.54	0.12	
		8/29/2007	<2	4.9			0.09	0.35	<0.02	0.56	0.08	
04110004020060												
Crooked Creek (03-017-000)												
Callahan Rd.	6.70	6/12/2007			37		<0.05	0.33	<0.02	0.49	0.02	
(300182)		7/11/2007			<10		<0.05	0.47	<0.02	<0.20	0.02	
		8/15/2007			10		<0.05	0.24	<0.02	<0.20	0.02	
Higley Rd.	3.51	6/12/2007			42		<0.05	0.28	<0.02	0.57	0.01	
(300181)		7/11/2007			<10	0.7	<0.05	0.32	<0.02	0.99	0.01	<0.010
		8/15/2007			10	0.8	<0.05	0.18	<0.02	0.26	<0.01	<0.010
Callender Rd.	1.62	6/12/2007			45		0.08	<0.10	<0.02	0.39	0.04	
(G01K01)		6/12/2007			39		0.08	<0.10	<0.02	0.51	0.04	
		7/11/2007			10		0.22	0.14	0.02	1.77	0.06	
		8/15/2007			10		0.11	0.13	<0.02	0.51	0.03	
RM 6.50 Trib Crooked Cr. (03-017-002)												
Callahan Rd.	0.29	6/12/2007			48		<0.05	0.25	<0.02	0.40	0.04	
(300194)		7/11/2007			<10		<0.05	0.45	<0.02	1.26	0.03	
		8/15/2007			10		<0.05	0.21	<0.02	<0.20	0.01	
Mud Creek (03-018-000)												
Higley Rd.	3.78	6/12/2007			40		<0.05	0.36	<0.02	0.34	0.02	
(300188)		7/11/2007			10		0.08	1.47	<0.02	0.54	0.07	
		8/15/2007			10		<0.05	0.26	<0.02	0.54	0.01	
Wilderness Rd.	0.20	6/12/2007			48		0.15	<0.10	0.02	0.57	0.07	
(300187)		7/11/2007										
		8/15/2007			19		0.17	0.36	0.03	0.66	0.07	

Stream (River Code)	River		BOD ₅	cBOD ₂₀		Chlorophyll <i>a</i>	NH ₃ +NH ₄ -N	NO ₂ +NO ₃	NO ₂ -N		Total Phosphorus	Total Dissolved Phosphorus
Location (STORET Station)	Mile	Date	(mg/l)	(mg/l)	COD (mg/l)	(µg/l)	(mg/l)	N (mg/l)	(mg/l)	TKN (mg/l)	(mg/l)	(mg/l)
04110004030												
04110004030010												
Rock Creek (03-130-000)												
Dodgeville Rd.	9.64	12/6/2006	<2		26		<0.05	0.38	<0.02	1.15	0.09	
(G01W02)		4/17/2007			19		0.05	0.23	<0.02	0.59	0.09	
		4/24/2007			17		<0.05	0.18	<0.02	0.85	0.04	
		5/16/2007			34		<0.05	0.12	<0.02	0.91	0.08	
		5/21/2007			43		<0.05	0.16	<0.02	0.85	0.07	
		6/6/2007			40		0.11	1.17	0.03	0.98	0.10	
		6/21/2007			51		<0.05	0.49	<0.02	1.19	0.05	
		7/16/2007			36		<0.05	<0.10	<0.02	0.51	0.10	
		7/26/2007	2.9000001	6.6			<0.05	<0.10	<0.02	0.56	0.08	
		7/26/2007	2.7	6.5			<0.05	<0.10	<0.02	0.64	0.08	
		7/30/2007			25		<0.05	0.10	<0.02	0.65	0.08	
		8/9/2007			18		0.08	0.17	<0.02	0.61	0.08	
		8/21/2007	<2	4.7			0.09	1.80	0.02	0.79	0.09	
		8/28/2007			25		0.12	0.69	<0.02	0.84	0.08	
		8/29/2007	<2	5.1			0.08	0.40	<0.02	0.74	0.05	
State Rte. 45	1.23	12/6/2006	<2		26		<0.05	0.37	<0.02	0.48	0.12	
(G01K03)		4/17/2007			<10		0.06	0.24	<0.02	0.58	0.05	
		4/24/2007			15		<0.05	0.33	<0.02	0.75	0.04	
		5/16/2007			34		<0.05	0.66	0.04	1.06	0.07	
		5/21/2007			26		<0.05	0.72	0.02	0.94	0.07	
		6/6/2007			25		<0.05	0.25	<0.02	0.78	0.05	
		6/21/2007			45		<0.05	0.47	<0.02	0.94	0.09	
		7/16/2007			30		<0.05	8.84	0.11	1.20	0.52	
		7/26/2007	<2	4.2			<0.05	8.75	0.09	0.88	0.79	
		7/30/2007			25		<0.05	12.50	0.22	1.44	0.50	
		8/9/2007			18		0.10	3.48	0.08	0.79	0.92	
		8/21/2007	6.8000002	12.0			<0.05	<0.10	<0.02	0.57	0.07	
		8/21/2007	6.8000002	12.0			<0.05	<0.10	<0.02	0.57	0.05	
		8/28/2007			22		<0.05	0.30	<0.02	1.04	0.08	
		8/29/2007	2.8	6.4			0.06	0.18	<0.02	0.66	0.10	
Union Cemetery	0.95	4/17/2007			17		0.05	0.23	<0.02	0.53	0.03	
(G01W05)		4/24/2007			34		<0.05	2.68	<0.02	1.09	0.03	
		6/21/2007			54		<0.05	0.59	<0.02	1.61	0.10	
		7/16/2007			34		0.72	12.10	0.58	2.30	0.80	
		8/28/2007			22		<0.05	0.27	<0.02	0.65	0.08	
Snyder Ditch (03-130-003)												
Moore Rd.	0.60	6/21/2007			47		0.13	0.45	<0.02	0.81	0.09	
(300199)		7/16/2007			20		0.10	0.24	<0.02	0.41	0.10	
		8/28/2007			22		0.10	0.26	<0.02	0.60	0.08	
Whetstone Creek (03-133-000)												
State Rte. 46	2.00	6/21/2007			56		2.61	17.10	0.80	4.79	0.04	
(300200)		7/16/2007			29		0.08	0.40	<0.02	0.95	0.03	
		8/28/2007			25		0.05	0.96	<0.02	0.93	0.03	

Stream (River Code)												Total	Total
Location (STORET Station)	River Mile	Date	BOD ₅ (mg/l)	cBOD ₂₀ (mg/l)	COD (mg/l)	Chlorophyll <i>a</i> (µg/l)	NH ₃ +NH ₄ -N (mg/l)	NO ₂ +NO ₃ - N (mg/l)	NO ₂ -N (mg/l)	TKN (mg/l)	Phosphorus (mg/l)	Phosphorus (mg/l)	
04110004030010													
Lebanon Creek (03-134-000)													
Institute Rd. (300198)	1.93	6/21/2007			51		<0.05	1.57	<0.02	1.22	0.05		
		7/16/2007			29		0.13	19.00	0.17	1.47	0.49		
		8/28/2007			19		<0.05	1.07	<0.02	0.73	0.04		
04110004040													
04110004040010													
Grand River (03-001-000)													
Footville-Richmond Rd. (G02K54)	48.63	6/21/2007			42		<0.05	0.45	<0.02	0.50	0.06		
		7/16/2007			22	4.8	0.09	0.18	<0.02	0.46	0.06	0.013	
		8/28/2007			22	6.8	<0.05	0.51	<0.02	0.63	0.06	0.051	
Three Brothers Creek (03-015-000)													
Stumpville Rd (300203)	6.68	6/21/2007			47		<0.05	0.41	<0.02	0.75	0.01		
		7/16/2007			30		0.10	0.11	<0.02	0.54	0.01		
		8/28/2007			25		<0.05	0.52	<0.02	0.76	0.04		
Camp Beaumont (300208)	1.99	6/21/2007			51		2.01	11.40	0.59	3.29	0.03		
		7/16/2007											
		8/28/2007			22		0.05	0.53	<0.02	0.78	0.03		
04110004040020													
Grand River (03-001-000)													
Camp Beaumont (G02K52)	45.10	12/6/2006	<2		26		<0.05	0.23	<0.02	0.25	0.10		
		12/6/2006	<2		24		<0.05	0.24	<0.02	0.26	0.09		
		4/17/2007			17		0.07	0.23	<0.02	2.45	0.29		
		4/24/2007			17		<0.05	0.21	<0.02	0.56	0.03		
		5/16/2007			27		<0.05	0.20	<0.02	0.68	0.05		
		5/21/2007			17		<0.05	0.55	<0.02	0.74	0.05		
		6/6/2007			38		0.10	0.73	0.03	0.83	0.05		
		6/21/2007			42		0.05	0.91	0.03	0.64	0.05		
		7/16/2007			18		0.09	0.12	<0.02	0.33	0.04		
		7/26/2007	<2	<3			<0.05	<0.10	<0.02	0.39	0.03		
		7/30/2007			19		<0.05	0.13	<0.02	0.52	0.04		
		8/9/2007			13		0.08	0.24	<0.02	0.42	0.07		
		8/21/2007	2.8	6.0			0.31	0.41	<0.02	0.71	0.13		
		8/28/2007			22		<0.05	0.42	<0.02	0.61	0.06		
		8/28/2007			19		<0.05	0.46	<0.02	0.66	0.06		
		8/29/2007	<2	5.6			0.06	0.31	<0.02	0.59	0.06		
Trumbull Creek (03-013-000)													
Dawsey Rd. (300205)	9.03	6/21/2007			38		<0.05	0.24	<0.02	1.29	0.02		
		7/16/2007											
		8/28/2007			22		0.05	0.12	<0.02	0.54	0.03		
State Rte. 534 (300204)	6.23	6/21/2007			32		<0.05	0.23	<0.02	0.45	<0.01		
		7/16/2007			18		<0.05	0.14	<0.02	<0.20	<0.01		
		8/28/2007			25		<0.05	0.18	<0.02	0.49	0.06		

Stream (River Code)	Location (STORET Station)	River Mile	Date	BOD ₅ (mg/l)	cBOD ₂₀ (mg/l)	COD (mg/l)	Chlorophyll <u>a</u> (µg/l)	NH ₃ +NH ₄ -N (mg/l)	NO ₂ +NO ₃ -N (mg/l)	NO ₂ -N (mg/l)	TKN (mg/l)	Total Phosphorus (mg/l)	Total Dissolved Phosphorus (mg/l)
04110004040020													
Riverdale Rd. (G02K51)	2.05	12/6/2006		<2		18		<0.05	0.26	<0.02	<0.20	0.38	
		4/17/2007				14		0.05	0.13	<0.02	0.56	0.05	
		4/24/2007				<10		<0.05	0.12	<0.02	0.46	<0.01	
		4/24/2007				14		<0.05	0.10	<0.02	0.49	<0.01	
		5/16/2007				15		<0.05	0.25	<0.02	0.78	0.02	
		5/21/2007				13		<0.05	0.44	<0.02	0.54	0.01	
		6/6/2007				18		<0.05	0.36	<0.02	0.80	0.01	
		6/21/2007				36		<0.05	0.28	<0.02	0.25	<0.01	
		6/21/2007				36		<0.05	0.28	<0.02	0.23	<0.01	
		7/16/2007				22		<0.05	<0.10	<0.02	<0.20	0.01	
		7/16/2007				17		<0.05	<0.10	<0.02	0.25	0.01	
		7/26/2007		<2	3.9			<0.05	0.61	<0.02	0.34	0.01	
		7/30/2007				12		<0.05	<0.10	<0.02	0.46	0.01	
		8/9/2007				11		<0.05	0.33	<0.02	0.44	0.02	
		8/21/2007		<2	4.7			<0.05	0.51	<0.02	0.47	0.03	
		8/28/2007				25		<0.05	0.11	<0.02	0.58	0.01	
		8/29/2007		<2	4.8			<0.05	<0.10	<0.02	0.45	<0.01	
Spring Creek (03-014-000)													
Leggett Rd (300202)	5.02	6/21/2007				36		<0.05	0.83	<0.02	0.86	0.01	
		7/16/2007				19		<0.05	0.58	<0.02	0.34	0.01	
		8/28/2007				<10		<0.05	1.02	<0.02	0.42	0.03	
Callahan Rd. (300207)	2.76	6/21/2007				33		<0.05	0.11	<0.02	<0.20	0.01	
		7/16/2007				23		<0.05	<0.10	<0.02	0.46	0.02	
		8/28/2007				19		<0.05	0.13	<0.02	0.70	0.02	
04110004040030 [Grand R. below Trumbull													
Bronson Creek (03-012-000)													
Windsor-Mechanicsville Rd. (300201)	1.52	6/21/2007				47		<0.05	0.32	<0.02	0.72	0.01	
		7/16/2007											
		8/28/2007				53	1.4	<0.05	0.51	<0.02	0.94	0.03	0.016
Sweitzer Rd. (G02K50)	0.82	6/21/2007				61		<0.05	0.66	<0.02	0.44	<0.01	
		7/16/2007											
		8/28/2007					1.5			<0.02			

Notes:

1. Water turbid
2. Field Duplicate
3. Slight oil sheen
4. Clumps of algae in sample
5. Sheen and foam on water
6. No flow
7. Very low flow
8. Pond work upstream
9. No access to site
10. Nuisance algae in stream

Stream (River Code)			Total	Total			Alkalinity	Hardness					Chromi		
Location	River	Date	Dissolved	Suspended	Calcium	Chloride	Sulfate	(CaCO ₃)	(CaCO ₃)	Aluminum	Arsenic	Barium	Cadmium	um	Copper
(STORET Station)	Mile		(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
04110004010															
04110004010010															
Grand River (03-001-000)															
US Hwy. 422 ust Parkman	98.70	6/4/2007	242	58	37	45.3			129	3,140	3	55	<0.2	<30	<10
(200631)		7/9/2007	312	<5		41.9									
		8/13/2007	308	<5	60	45.7			212	<200	<2	42	<0.2	<30	<10
US Hwy. 422 dst Parkman	95.38	6/4/2007	312	19	56	52.9			197	678	2	49	<0.2	<30	<10
(G01S07)		7/9/2007	314	6		56.6									
		8/13/2007	312	<5	48	56.6			169	<200	2	40	<0.2	<30	<10
Hobart Rd.	94.27	12/6/2006	144	5	27	30.8	22.8	67.0	96	341	<2	26	<0.2	<30	<10
(G01K09)		4/17/2007	206	9	28	56.6			99	333	<2	26	<0.2	<30	<10
		4/24/2007	238	<5	33	59.4			119	<200	<2	24	<0.2	<30	<10
		5/16/2007	264	7	46	56.6			164	<200	<2	36	<0.2	<30	<10
		5/21/2007	296	<5	52	56.4			183	<200	<2	38	<0.2	<30	<10
		6/4/2007	306	15	55	51.8			195	598	2	46	<0.2	<30	<10
		6/4/2007	302	17	55	52.2			195	612	2	46	<0.2	<30	<10
		6/6/2007	270	12	49	51.7			176	548	2	44	<0.2	<30	<10
		7/9/2007	312	6	59	56.3			209	<200	<2	42	<0.2	<30	<10
		7/26/2007	322	24		53.4	46.8								
		7/30/2007	306	8	58	51.3			211	259	2	46	<0.2	<30	<10
		8/9/2007	270	35	45	46.7			158	678	3	45	<0.2	<30	<10
		8/13/2007	304	7	49	55.8			172	<200	2	41	<0.2	<30	<10
		8/22/2007	220	114		40.0	37.1								
		8/29/2007	278	<5		51.1	41.7								
W. Farmington PWS Intake	89.14	6/4/2007	272	<5	43	50.2			153	<200	2	24	<0.2	<30	<10
(300206)		7/9/2007	248	<5		54.5									
		8/13/2007	240	<5	35	50.8			141	<200	6	24	<0.2	<30	<10
Wood-Curtis Rd.	88.50	12/6/2006	218	6	30	55.4	28.3	76.4	112	296	<2	28	<0.2	<30	<10
(G01K20)		4/17/2007	186	59	23	44.1			86	1,640	<2	31	<0.2	<30	<10
		4/24/2007	244	5	35	49.8			128	274	<2	28	<0.2	<30	<10
		5/16/2007	276	8	48	50.4			173	<200	<2	35	<0.2	<30	<10
		5/21/2007	278	<5	50	49.8			178	<200	<2	38	<0.2	<30	<10
		6/4/2007	272	55	49	46.6			176	2,160	3	54	<0.2	<30	<10
		6/6/2007	274	20	50	51.4			182	689	2	42	<0.2	<30	<10
		6/6/2007	274	18	50	51.7			178	727	2	42	<0.2	<30	<10
		7/9/2007	292	9	57	54.6			208	<200	2	41	<0.2	<30	<10
		7/26/2007	300	7		49.6	44.1								
		7/30/2007	320	29	54	49.7			197	530	2	44	<0.2	<30	<10
		8/9/2007	294	84	44	45.8			163	905	3	47	<0.2	<30	<10
		8/13/2007	298	15	48	49.8			173	313	3	43	<0.2	<30	<10
		8/22/2007	226	40		38.4	42.2								
		8/29/2007	280	5		47.7	42.6								

Stream (River Code)			Total Dissolved Solids (mg/l)	Total Suspended Solids (mg/l)	Calcium (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Alkalinity (CaCO ₃) (mg/l)	Hardness (CaCO ₃) (mg/l)	Aluminum (µg/l)	Arsenic (µg/l)	Barium (µg/l)	Cadmium (µg/l)	Chromi um (µg/l)	Copper (µg/l)
Location (STORET Station)	River Mile	Date													
04110004010020															
Dead Branch (03-025-000)															
Old State Rd. (300170)	7.86	6/4/2007	450	8	42	136.0			158	1,110	8	40	<0.2	<30	<10
		7/9/2007	618	99		235.0									
		7/9/2007	620	98		235.0									
		8/13/2007	710	13	66	217.0			239	460	5	59	<0.2	<30	<10
Geauga Easterly Rd. (300169)	5.05	6/4/2007	346	<5	39	91.3			151	<200	4	25	<0.2	<30	<10
		7/9/2007	406	<5		109.0									
		8/13/2007	590	12	53	149.0			198	319	3	52	<0.2	<30	<10
RM 6.20 Trib Dead Branch (03-025-001)															
State Rte. 534 (300171)	0.14	6/4/2007	394	15	46	98.8			181	709	5	36	<0.2	<30	<10
		7/9/2007	460	33		112.0									
		8/13/2007	554	37	50	158.0			199	898	4	55	<0.2	<30	<10
04110004010030															
Mud Run (03-024-000)															
Housel-Craft Rd. (300172)	4.05	6/4/2007	230	79	23	55.1			90	4,470	4	50	<0.2	<30	<10
		7/9/2007	442	79		112.0									
		8/13/2007	312	17	32	62.7			125	719	3	29	<0.2	<30	<10
		8/13/2007	310	15	32	63.6			125	630	3	28	<0.2	<30	<10
04110004010040															
Center Creek (03-023-000)															
State Rte. 45 (300174)	6.25	6/4/2007	292	11	41	55.8			148	349	3	26	<0.2	<30	<10
		7/9/2007	754	5		68.4									
		8/13/2007	528	<5	70	93.8			265	<200	4	39	<0.2	<30	<10
Corey Hunt Rd. (G01K13)	3.03	6/4/2007	478	<5	68	96.0			264	<200	3	35	<0.2	<30	<10
		7/9/2007	552	<5		87.9									
		8/13/2007	536	7	76	97.4			289	<200	4	41	<0.2	<30	<10
04110004010050															
Baughman Creek (03-022-000)															
Fenton Rd. (G02S06)	3.30	6/4/2007	338	<5	63	35.9			240	<200	4	33	<0.2	<30	<10
		7/9/2007	378	<5		38.4									
		8/13/2007	388	6	70	37.6			265	401	5	37	<0.2	<30	<10
Deacon Creek (03-022-001)															
Hyde-Shaffer Rd (300176)	5.31	6/4/2007	166	13	21	22.7			77	672	5	28	<0.2	<30	<10
		7/9/2007	252	81		69.5									
		8/13/2007	386	13	48	73.2			169	269	3	51	0.2	<30	<10
Hyde-Oakfield Rd. (300175)	1.38	6/4/2007	176	9	22	27.2			84	1,100	5	22	<0.2	<30	<10
		7/9/2007	532	15		188.0									
		8/13/2007	872	5	125	152.0			427	<200	2	101	0.6	<30	<10
04110004010060															
Grand River (03-001-000)															
Donley-County Line (G01K18)	75.58	6/4/2007	252	13	49	46.5			180	670	3	43	<0.2	<30	<10
		7/9/2007	316	20		49.4									
		8/13/2007	300	35	43	51.0			161	774	3	46	<0.2	<30	<10

Stream (River Code) Location (STORET Station)	River Mile	Date	Total Dissolved Solids (mg/l)	Total Suspended Solids (mg/l)	Calcium (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Alkalinity (CaCO ₃) (mg/l)	Hardness (CaCO ₃) (mg/l)	Aluminum (µg/l)	Arsenic (µg/l)	Barium (µg/l)	Cadmium (µg/l)	Chromi um (µg/l)	Copper (µg/l)
04110004010060															
Coffee Creek (03-021-000)															
Combs Rd. (G01K17)	0.23	6/4/2007	190	12	27	25.7			100	263	7	63	<0.2	<30	<10
		7/9/2007													
		8/13/2007	534	7	86	29.2			293	<200	<2	98	1.9	<30	<10
04110004010070															
Grapevine Creek (03-160-002)															
Donley-County Line (300177)	2.10	6/4/2007	322	6	55	31.0			207	393	2	28	<0.2	<30	<10
		8/13/2007	536	6	79	73.9			308	<200	2	44	<0.2	<30	<10
Swine Creek (03-160-000)															
Valley Picnic Area (300178)	10.36	6/4/2007	330	<5	49	63.4			176	814	<2	33	<0.2	<30	<10
		7/9/2007	382	<5		49.6									
		8/13/2007	416	<5	72	60.9			262	<200	<2	37	<0.2	<30	<10
Curtis-Middlefield Rd. (G01K16)	8.18	12/6/2006	240	<5	47	35.5	47.5	113.0	171	<200	<2	25	<0.2	<30	<10
		4/17/2007	158	18	25	31.6			91	830	<2	21	<0.2	<30	<10
		4/24/2007	262	<5	48	35.8			178	<200	<2	26	<0.2	<30	<10
		5/16/2007	320	7	64	33.7			234	<200	<2	33	<0.2	<30	<10
		5/16/2007	320	6	65	34.2			236	<200	<2	34	<0.2	<30	<10
		5/21/2007	322	<5	69	35.7			250	<200	<2	37	<0.2	<30	<10
		5/21/2007	326	<5	65	35.8			236	<200	<2	36	<0.2	<30	<10
		6/4/2007	316	7	51	55.6			181	839	<2	35	<0.2	<30	<10
		6/6/2007	352	<5	61	62.3			218	<200	<2	36	<0.2	<30	<10
		7/9/2007	376	5	74	40.7			271	<200	<2	41	<0.2	<30	<10
		7/26/2007	390	<5		43.9	99.8								
		7/30/2007	372	9	66	47.0			239	262	<2	37	<0.2	<30	<10
		8/9/2007	382	8	64	57.4			230	679	<2	41	<0.2	<30	<10
		8/9/2007	388	8	63	57.6			227	682	<2	41	<0.2	<30	<10
		8/13/2007	404	8	74	51.2			267	<200	<2	42	<0.2	<30	<10
		8/22/2007	308	<5		50.6	65.0								
		8/29/2007	384	<5		51.4	92.0								
State Rte. 87 (200628)	1.80	6/4/2007	268	51	39	48.7			138	3,150	3	49	<0.2	<30	<10
		7/9/2007	350	<5		42.7									
		8/13/2007	352	9	62	48.9			221	232	3	43	<0.2	<30	<10
Andrews Creek (03-162-000)															
Girdle Rd. (300179)	3.62	6/4/2007	298	<5	51	42.4			185	376	<2	36	<0.2	<30	<10
		7/9/2007	336	<5		46.2									
		8/13/2007	354	<5	64	50.6			230	<200	2	41	<0.2	<30	<10
Plum Creek (03-163-000)															
Girdle Rd. (300180)	1.48	6/4/2007	312	11	69	18.7			246	380	3	54	<0.2	<30	<10
		7/9/2007	466	7		39.6									
		8/13/2007	520	5	100	40.2			357	<200	3	78	<0.2	<30	<10

Stream (River Code)			Total Dissolved Solids (mg/l)	Total Suspended Solids (mg/l)	Calcium (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Alkalinity (CaCO ₃) (mg/l)	Hardness (CaCO ₃) (mg/l)	Aluminum (µg/l)	Arsenic (µg/l)	Barium (µg/l)	Cadmium (µg/l)	Chromi um (µg/l)	Copper (µg/l)
Location (STORET Station)	River Mile	Date													
04110004020															
04110004020010															
Mill Creek (03-019-000)															
Wiswell Rd. (300186)	4.94	6/12/2007	194	12	43	13.0			148	421	<2	24	<0.2	<30	<10
		7/11/2007													
		8/15/2007	216	<5	43	15.6			148	<200	<2	21	<0.2	<30	<10
Sweet West Rd. (300185)	2.30	6/12/2007	340	<5	45	28.9			162	<200	<2	27	<0.2	<30	<10
		7/11/2007	230	<5		16.0									
		8/15/2007	234	<5	46	19.7			164	<200	<2	27	<0.2	<30	<10
		8/15/2007	238	<5	46	19.6			164	<200	<2	28	<0.2	<30	<10
RM 3.79 Trib Mill Cr. (03-019-001)															
Girdle Rd. (300191)	0.13	6/12/2007	282	<5	48	52.0			173	<200	<2	29	<0.2	<30	<10
		7/11/2007													
		8/15/2007	354	12	57	43.5			225	<200	<2	35	<0.2	<30	<10
Garden Creek (03-020-000)															
Girdle Rd. (300183)	2.31	6/12/2007	264	<5	42	32.2			162	<200	<2	27	<0.2	<30	<10
		7/11/2007	346	7		50.9									
		8/15/2007													
04110004020020															
Phelps Creek (03-150-000)															
US Hwy. 322 (300190)	5.14	6/12/2007	262	<5	42	61.2			146	<200	<2	28	<0.2	<30	<10
		7/11/2007	302	12		86.8									
		8/15/2007	286	<5	41	62.0			144	<200	<2	27	<0.2	<30	<10
Windsor Rd. Ext. (G01K06)	1.23	12/6/2006	148	<5	29	21.6	19.0	76.5	105	257	<2	22	<0.2	<30	<10
		4/17/2007	160	59	22	34.0			80	1,350	<2	25	<0.2	<30	<10
		4/17/2007	164	56	21	34.1			77	1,610	<2	26	<0.2	<30	<10
		4/24/2007	192	<5	32	36.2			113	<200	<2	25	<0.2	<30	<10
		5/16/2007	242	<5	51	35.4			177	<200	<2	44	<0.2	<30	<10
		5/21/2007	256	30	48	41.8			169	<200	<2	45	<0.2	<30	<10
		6/6/2007	272	7	45	52.2			158	291	<2	40	<0.2	<30	<10
		6/12/2007	288	6	52	51.9			179	<200	2	50	<0.2	<30	<10
		7/26/2007	296	6		30.4	44.2								
		7/30/2007	300	11	65	30.3			224	<200	2	71	<0.2	<30	<10
		8/9/2007	330	14	48	76.6			165	301	2	51	<0.2	<30	<10
		8/15/2007	300	<5	49	53.2			172	<200	2	50	<0.2	<30	<10
		8/22/2007	256	13		52.9	44.8								
		8/29/2007	292	<5		54.3	44.1								
		8/29/2007	294	<5		54.1	44.0								
N. Br. Phelps Ck. (03-151-000)															
Huntley Rd. (300189)	0.94	6/12/2007	218	15	30	61.1			104	355	4	33	<0.2	<30	<10
		7/11/2007	270	17		37.5									
		8/15/2007	326	168	51	49.9			177	3,340	5	73	<0.2	<30	<10

Stream (River Code)			Total	Total				Alkalinity	Hardness				Chromi		
Location	River	Date	Dissolved	Suspended	Calcium	Chloride	Sulfate	(CaCO ₃)	(CaCO ₃)	Aluminum	Arsenic	Barium	Cadmium	um	Copper
(STORET Station)	Mile		(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
04110004020020															
S. Br. Phelps Ck. (03-152-000)															
Peters Rd.	5.16	6/12/2007	318	<5	47	70.1			167	234	3	29	<0.2	<30	<10
(300193)		7/11/2007													
		8/15/2007	306	7	46	62.2			156	<200	3	30	<0.2	<30	<10
US Hwy. 322	0.58	6/12/2007	344	<5	49	87.7			176	<200	2	30	<0.2	<30	<10
(300192)		7/11/2007	498	7		168.0									
		8/15/2007	380	<5	51	93.2			181	<200	3	34	<0.2	<30	<10
04110004020030															
Grand River (03-001-000)															
US Hwy. 322	65.88	12/6/2006	138	9	22	16.5	22.7	55.8	84	566	<2	22	<0.2	<30	<10
(G01W06)		4/17/2007	170	18	25	36.9			91	601	<2	23	<0.2	<30	<10
		4/24/2007	204	7	35	34.6			128	270	<2	28	<0.2	<30	<10
		5/16/2007	256	23	50	37.2			178	412	3	37	<0.2	<30	<10
		5/21/2007	276	13	51	42.8			185	<200	2	38	<0.2	<30	<10
		6/6/2007	258	37	50	48.9			182	1,420	3	48	<0.2	<30	<10
		6/12/2007	290	14	49	46.8			180	585	3	44	<0.2	<30	<10
		7/11/2007	308	19	58	47.6			211	392	3	49	<0.2	<30	<10
		7/26/2007	310	21		43.9	50.5								
		7/30/2007	324	39	61	45.2			226	804	3	52	<0.2	<30	<10
		8/9/2007	278	108	43	42.3			157	3,750	4	66	<0.2	<30	<10
		8/15/2007	312	24	47	50.8			171	552	3	46	<0.2	<30	<10
		8/22/2007	232	85		37.0	49.4								
		8/29/2007	302	22		47.3	55.2								
Montgomery Rd.	60.95	6/12/2007	298	7	47	51.0			171	631	3	45	<0.2	<30	<10
(G01K07)		7/11/2007	306	27		48.5									
		8/15/2007	316	18	45	53.0			162	571	3	49	<0.2	<30	<10
04110004020040															
Hoskins Creek (03-140-000)															
State Rte. 534	4.88	6/12/2007	352	<5	45	104.0			154	<200	<2	34	<0.2	<30	<10
(300184)		7/11/2007	194	51		37.4									
		8/15/2007	314	9	34	86.9			114	<200	<2	21	<0.2	<30	<10
Hurlbert Rd.	2.01	6/12/2007	286	<5	40	72.8			141	<200	<2	30	<0.2	<30	<10
(G01K19)		7/11/2007	238	<5		47.9									
		8/15/2007	298	<5	36	75.2			123	<200	<2	26	<0.2	<30	<10
State Rte. 534	1.15	7/11/2007	260	16		61.7									
(300197)		8/15/2007	156	10	27	12.0			96	<200	<2	<15	<0.2	<30	<10
Indian Creek (03-141-000)															
Montgomery Rd.	1.30	6/12/2007	316	<5	46	77.8			160	<200	<2	36	<0.2	<30	<10
(200624)		7/11/2007	274	10		60.6									
		8/15/2007	330	<5	42	85.6			150	<200	<2	32	<0.2	<30	<10

Stream (River Code)			Total	Total				Alkalinity	Hardness				Chromi		
Location	River	Date	Dissolved	Suspended	Calcium	Chloride	Sulfate	(CaCO ₃)	(CaCO ₃)	Aluminum	Arsenic	Barium	Cadmium	um	Copper
(STORET Station)	Mile		(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
04110004020050															
Grand River (03-001-000)															
US Hwy. 6	55.62	12/6/2006	120	10	20	17.0	19.9	49.3	75	601	<2	21	<0.2	<30	<10
(G01K08)		4/17/2007	176	44	22	42.5			80	1,260	<2	27	<0.2	<30	<10
		4/24/2007	208	14	33	36.5			119	447	<2	29	<0.2	<30	<10
		5/16/2007	252	20	46	39.2			168	481	3	38	<0.2	<30	<10
		5/21/2007	274	19	49	45.1			180	206	2	40	<0.2	<30	<10
		6/6/2007	258	37	44	50.1			159	1,660	3	48	<0.2	<30	<10
		6/12/2007	296	44	45	55.1			166	826	3	48	<0.2	<30	<10
		7/11/2007	288	44	55	48.4			203	2,470	4	68	<0.2	<30	<10
		7/26/2007	314	29		46.4	45.3								
		7/30/2007	320	27	57	51.8			212	816	3	61	<0.2	<30	<10
		8/9/2007	298	50	54	41.8			197	1,180	3	56	<0.2	<30	<10
		8/15/2007	298	35	42	51.5			154	740	3	49	<0.2	<30	<10
		8/21/2007	278	139		50.8	53.9								
		8/29/2007	288	23		49.0	53.6								
04110004020060															
Crooked Creek (03-017-000)															
Callahan Rd.	6.70	6/12/2007	172	<5	23	12.3			82	<200	<2	18	<0.2	<30	<10
(300182)		7/11/2007	96	<5		<5									
		8/15/2007	226	<5	26	14.4			90	<200	<2	19	<0.2	<30	<10
Higley Rd.	3.51	6/12/2007	136	<5	22	19.3			76	<200	<2	19	<0.2	<30	<10
(300181)		7/11/2007	136	<5		12.9									
		8/15/2007	172	<5	26	16.9			90	<200	<2	22	<0.2	<30	<10
Callender Rd.	1.62	6/12/2007	156	8	31	18.5			106	348	4	33	<0.2	<30	<10
(G01K01)		6/12/2007	150	9	32	18.5			109	376	3	34	<0.2	<30	<10
		7/11/2007	176	16		14.0									
		8/15/2007	204	27	35	23.0			116	506	3	39	<0.2	<30	<10
RM 6.50 Trib Crooked Cr. (03-017-002)															
Callahan Rd.	0.29	6/12/2007	128	<5	20	17.1			71	<200	<2	<15	<0.2	<30	<10
(300194)		7/11/2007	252	<5		20.5									
		8/15/2007	176	<5	29	13.7			97	<200	<2	20	<0.2	<30	<10
Mud Creek (03-018-000)															
Higley Rd.	3.78	6/12/2007	218	<5	28	63.0			95	<200	<2	22	<0.2	<30	<10
(300188)		7/11/2007	188	82		21.0									
		8/15/2007	256	5	31	58.8			106	<200	<2	28	<0.2	<30	<10
Wilderness Rd.	0.20	6/12/2007	172	56	30	24.2			104	1,680	4	45	<0.2	<30	<10
(300187)		7/11/2007													
		8/15/2007	240	62	35	37.7			120	2,110	4	60	<0.2	<30	<10

Stream (River Code)			Total Dissolved Solids (mg/l)	Total Suspended Solids (mg/l)	Calcium (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Alkalinity (CaCO ₃) (mg/l)	Hardness (CaCO ₃) (mg/l)	Aluminum (µg/l)	Arsenic (µg/l)	Barium (µg/l)	Cadmium (µg/l)	Chromi um (µg/l)	Copper (µg/l)
Location (STORET Station)	River Mile	Date													
04110004030															
04110004030010															
Rock Creek (03-130-000)															
Dodgeville Rd. (G01W02)	9.64	12/6/2006	102	<5	21	7.9	12.4	55.6	77	277	<2	19	<0.2	<30	<10
		4/17/2007	144	34	19	24.9			68	2,270	<2	30	<0.2	<30	<10
		4/24/2007	150	<5	27	16.1			96	<200	<2	22	<0.2	<30	<10
		5/16/2007	188	<5	40	12.4			141	<200	3	23	<0.2	<30	<10
		5/21/2007	188	7	41	13.8			148	<200	3	23	<0.2	<30	<10
		6/6/2007	174	7	35	19.4			124	500	4	33	<0.2	<30	<10
		6/21/2007	224	10	40	34.2			145	293	4	31	<0.2	<30	<10
		7/16/2007	240	9	49	26.5			184	543	8	47	<0.2	<30	<10
		7/26/2007	214	6		19.8	19.2								
		7/26/2007	216	<5		19.4	19.1								
		7/30/2007	212	8	44	19.3			168	375	6	38	<0.2	<30	<10
		8/9/2007	188	<5	39	15.0			147	240	4	35	<0.2	<30	<10
		8/21/2007	240	20		41.2	43.5								
		8/28/2007	314	18	59	37.5			205	274	4	73	<0.2	<30	<10
		8/29/2007	348	7		40.7	90.0								
State Rte. 45 (G01K03)	1.23	12/6/2006	102	12	19	9.8	11.2	49.1	68	611	<2	21	<0.2	<30	<10
		4/17/2007	142	6	20	28.9			71	336	<2	20	<0.2	<30	<10
		4/24/2007	140	<5	20	27.6			71	224	<2	<15	<0.2	<30	<10
		5/16/2007	160	<5	26	27.6			94	<200	<2	19	<0.2	<30	<10
		5/21/2007	148	<5	26	27.7			90	<200	<2	16	<0.2	<30	<10
		6/6/2007	130	<5	29	26.7			101	<200	2	21	<0.2	<30	<10
		6/21/2007	148	<5	25	29.1			87	<200	2	16	<0.2	<30	<10
		7/16/2007	328	<5	46	63.3			160	<200	6	23	0.2	<30	<10
		7/26/2007	298	<5		47.9	48.6								
		7/30/2007	334	23	46	56.5			156	<200	8	20	0.3	<30	<10
		8/9/2007	254	11	39	40.5			130	377	6	33	<0.2	<30	<10
		8/21/2007	152	20		26.9	13.0								
		8/21/2007	150	20		27.2	13.0								
		8/28/2007	158	6	26	28.8			94	<200	9	20	<0.2	<30	<10
		8/29/2007	168	5		29.0	13.1								
Union Cemetery (G01W05)	0.95	4/17/2007	132	6	20	29.3			71	352	<2	19	<0.2	<30	<10
		4/24/2007	140	<5	20	28.6			71	238	<2	<15	<0.2	<30	<10
		6/21/2007	164	5	26	29.7			90	<200	2	16	<0.2	<30	<10
		7/16/2007	382	65		77.0									
		8/28/2007	164	9	27	30.8			96	<200	8	20	<0.2	<30	<10
Snyder Ditch (03-130-003)															
Moore Rd. (300199)	0.60	6/21/2007	254	71	53	21.9			194	1,660	4	69	<0.2	<30	<10
		7/16/2007	234	55		19.6									
		8/28/2007	304	36	65	18.4			228	1,080	4	72	<0.2	<30	<10
Whetstone Creek (03-133-000)															
State Rte. 46 (300200)	2.00	6/21/2007	1,100	10	99	375.0			338	316	3	91	<0.2	<30	<10
		7/16/2007	1,290	5		585.0									
		8/28/2007	312	<5	37	87.4			129	<200	2	33	<0.2	<30	<10

Stream (River Code)			Total Dissolved Solids (mg/l)	Total Suspended Solids (mg/l)	Calcium (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Alkalinity (CaCO ₃) (mg/l)	Hardness (CaCO ₃) (mg/l)	Aluminum (µg/l)	Arsenic (µg/l)	Barium (µg/l)	Cadmium (µg/l)	Chromi um (µg/l)	Copper (µg/l)
Location (STORET Station)	River Mile	Date													
04110004030010															
Lebanon Creek (03-134-000)															
Institute Rd. (300198)	1.93	6/21/2007	364	<5	49	95.1			180	<200	3	25	<0.2	<30	<10
		7/16/2007	2,030	6		980.0									
		8/28/2007	304	<5	46	66.0			164	<200	3	26	<0.2	<30	<10
04110004040															
04110004040010															
Grand River (03-001-000)															
Footville-Richmond Rd. (G02K54)	48.63	6/21/2007	242	29	43	43.8			157	621	3	42	<0.2	<30	<10
		7/16/2007	282	24		48.7									
		8/28/2007	252	25	38	45.7			136	564	4	44	<0.2	<30	<10
Three Brothers Creek (03-015-000)															
Stumpville Rd (300203)	6.68	6/21/2007	248	5	34	67.5			122	<200	3	26	<0.2	<30	<10
		7/16/2007	340	<5		72.8									
		8/28/2007	312	<5	38	80.5			132	<200	4	30	<0.2	<30	<10
Camp Beaumont (300208)	1.99	6/21/2007	306	9	42	54.0			146	240	<2	50	<0.2	<30	<10
		7/16/2007													
		8/28/2007	276	<5	37	64.1			129	<200	3	39	<0.2	<30	<10
04110004040020															
Grand River (03-001-000)															
Camp Beaumont (G02K52)	45.10	12/6/2006	120	14	18	12.7	17.3	45.6	66	732	<2	22	<0.2	<30	<10
		12/6/2006	120	15	18	12.7	17.3	45.8	66	674	<2	21	<0.2	<30	<10
		4/17/2007	148	53	21	32.5			77	1,250	<2	27	<0.2	<30	<10
		4/24/2007	192	11	29	32.4			105	372	<2	27	<0.2	<30	<10
		5/16/2007	224	12	41	35.2			148	377	2	35	<0.2	<30	<10
		5/21/2007	242	15	44	37.0			159	279	2	37	<0.2	<30	<10
		6/6/2007	222	27	43	41.9			157	1,320	3	45	<0.2	<30	<10
		6/21/2007	252	31	43	48.4			157	536	3	44	<0.2	<30	<10
		7/16/2007	278	15	51	45.9			189	827	3	54	<0.2	<30	<10
		7/26/2007	300	22		44.4	33.3								
		7/30/2007	296	14	53	47.3			194	470	3	50	<0.2	<30	<10
		8/9/2007	258	44	46	38.6			172	1,420	3	56	<0.2	<30	<10
		8/21/2007	208	67		41.7	31.4								
		8/28/2007	254	16	37	45.5			134	321	4	41	<0.2	<30	<10
		8/28/2007	250	17	38	46.1			136	401	4	42	<0.2	<30	<10
		8/29/2007	248	20		46.1	45.3								
Trumbull Creek (03-013-000)															
Dawsey Rd. (300205)	9.03	6/21/2007	168	<5	23	49.8			78	<200	<2	15	<0.2	<30	<10
		7/16/2007													
		8/28/2007	212	<5	21	67.7			73	<200	<2	40	<0.2	<30	<10
State Rte. 534 (300204)	6.23	6/21/2007	174	<5	28	47.9			99	<200	<2	22	<0.2	<30	<10
		7/16/2007	182	<5		48.9									
		8/28/2007	236	<5	29	70.9			105	<200	<2	25	<0.2	<30	<10

Stream (River Code)			Total Dissolved Solids (mg/l)	Total Suspended Solids (mg/l)	Calcium (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Alkalinity (CaCO ₃) (mg/l)	Hardness (CaCO ₃) (mg/l)	Aluminum (µg/l)	Arsenic (µg/l)	Barium (µg/l)	Cadmium (µg/l)	Chromi um (µg/l)	Copper (µg/l)
Location (STORET Station)	River Mile	Date													
04110004040020															
Riverdale Rd. (G02K51)	2.05	12/6/2006	116	<5	17	14.4	12.8	42.3	59	292	<2	18	<0.2	<30	<10
		4/17/2007	148	39	16	45.5			56	1,090	<2	24	<0.2	<30	<10
		4/24/2007	174	<5	23	46.0			82	<200	<2	23	<0.2	<30	<10
		4/24/2007	176	<5	24	46.1			85	<200	<2	22	<0.2	<30	<10
		5/16/2007	192	<5	30	36.6			104	<200	<2	25	<0.2	<30	<10
		5/21/2007	178	<5	31	37.4			106	<200	<2	27	<0.2	<30	<10
		6/6/2007	230	<5	32	72.3			113	238	<2	29	<0.2	<30	<10
		6/21/2007	190	<5	32	41.5			113	<200	<2	27	<0.2	<30	<10
		6/21/2007	186	<5	31	41.4			110	<200	<2	25	<0.2	<30	<10
		7/16/2007	226	<5	40	43.4			137	<200	3	34	<0.2	<30	<10
		7/16/2007	222	<5	40	43.4			137	<200	2	35	<0.2	<30	<10
		7/26/2007	250	<5		54.8	33.7								
		7/30/2007	240	<5	38	48.8			132	<200	2	31	<0.2	<30	<10
		8/9/2007	236	22	31	66.2			110	493	2	31	<0.2	<30	<10
		8/21/2007	234	16		64.5	30.7								
		8/28/2007	244	<5	32	68.8			113	<200	<2	27	<0.2	<30	<10
		8/29/2007	244	<5		67.8	20.9								
Spring Creek (03-014-000)															
Leggett Rd (300202)	5.02	6/21/2007	338	<5	45	111.0			162	<200	<2	58	<0.2	<30	<10
		7/16/2007	356	<5		108.0									
		8/28/2007	314	<5	45	85.9			162	<200	<2	68	<0.2	<30	<10
Callahan Rd. (300207)	2.76	6/21/2007	210	<5	26	62.5			90	<200	<2	18	<0.2	<30	<10
		7/16/2007	212	<5		47.4									
		8/28/2007	234	<5	29	70.6			105	<200	2	28	<0.2	<30	<10
04110004040030 [Grand R. below Trumbull															
Bronson Creek (03-012-000)															
Windsor-Mechanicsville Rd. (300201)	1.52	6/21/2007	200	<5	21	58.7			81	<200	2	24	<0.2	<30	<10
		7/16/2007													
		8/28/2007	206	<5	25	38.0			91	<200	<2	26	<0.2	<30	<10
Sweitzer Rd. (G02K50)	0.82	6/21/2007	224	<5	26	65.1			98	<200	<2	23	<0.2	<30	<10
		7/16/2007													
		8/28/2007	220	<5	26	46.4			98	<200	<2	25	<0.2	<30	<10

Notes:

1. Water turbid
2. Field Duplicate
3. Slight oil sheen
4. Clumps of algae in sample
5. Sheen and foam on water
6. No flow
7. Very low flow
8. Pond work upstream
9. No access to site
10. Nuisance algae in stream

Stream (River Code)													
Location (STORET Station)	River Mile	Date	Iron (µg/l)	Lead (µg/l)	Magnesium (mg/l)	Manganese (µg/l)	Mercury (µg/l)	Nickel (µg/l)	Potassium (mg/l)	Selenium (µg/l)	Sodium (mg/l)	Strontium (µg/l)	Zinc (µg/l)
04110004010													
04110004010010													
Grand River (03-001-000)													
US Hwy. 422 ust Parkman (200631)	98.70	6/4/2007	3,750	3	9	284		<40	4	<2	26	86	14
		7/9/2007											
		8/13/2007	607	<2	15	148	<0.2	<40	3	<2	27	126	<10
US Hwy. 422 dst Parkman (G01S07)	95.38	6/4/2007	1,210	<2	14	231		<40	2	<2	29	126	<10
		7/9/2007											
		8/13/2007	440	<2	12	62	<0.2	<40	4	<2	33	114	<10
Hobart Rd. (G01K09)	94.27	12/6/2006	812	<2	7	85		<40	3	<2	17	68	13
		4/17/2007	819	<2	7	80		<40	2	<2	33	75	<10
		4/24/2007	386	<2	9	61		<40	2	<2	34	87	<10
		5/16/2007	419	<2	12	145		<40	2	<2	33	108	16
		5/21/2007	320	<2	13	93		<40	2	<2	33	123	<10
		6/4/2007	1,030	<2	14	183		<40	2	<2	29	127	<10
		6/4/2007	1,060	<2	14	180		<40	2	<2	29	127	<10
		6/6/2007	1,120	<2	13	165		<40	3	<2	28	116	<10
		7/9/2007	325	<2	15	96		<40	3	<2	31	139	<10
		7/26/2007											
		7/30/2007	686	<2	16	136		<40	3	<2	28	133	<10
		8/9/2007	1,690	2	11	190	<0.2	<40	4	<2	27	108	<10
		8/13/2007	510	<2	12	98	<0.2	<40	4	<2	34	119	<10
		8/22/2007											
		8/29/2007											
W. Farmington PWS Intake (300206)	89.14	6/4/2007	<50	<2	11	44		<40	2	<2	29	116	<10
		7/9/2007											
		8/13/2007	<50	<2	13	35	<0.2	<40	2	<2	30	114	<10
Wood-Curtis Rd. (G01K20)	88.50	12/6/2006	1,060	<2	9	167		<40	3	<2	31	85	13
		4/17/2007	2,840	2	7	110		<40	2	<2	25	71	14
		4/24/2007	612	<2	10	88		<40	2	<2	29	104	<10
		5/16/2007	707	<2	13	166		<40	2	<2	30	119	<10
		5/21/2007	611	<2	13	152		<40	2	<2	29	127	<10
		6/4/2007	3,000	3	13	227		<40	3	<2	27	127	14
		6/6/2007	1,350	<2	14	169		<40	3	<2	30	128	<10
		6/6/2007	1,350	<2	13	166		<40	3	<2	29	127	<10
		7/9/2007	545	<2	16	158		<40	3	<2	31	146	<10
		7/26/2007											
		7/30/2007	1,160	<2	15	148		<40	3	<2	27	135	<10
		8/9/2007	1,990	2	13	179	<0.2	<40	4	<2	28	124	10
		8/13/2007	1,220	<2	13	148	<0.2	<40	4	<2	30	126	<10
		8/22/2007											
		8/29/2007											

Stream (River Code)	Location		River	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Sodium	Strontium	Zinc
	(STORET Station)	Mile	Date	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(mg/l)	(µg/l)	(µg/l)
04110004010020														
Dead Branch (03-025-000)														
Old State Rd.		7.86	6/4/2007	2,920	<2	13	2,500		<40	5	<2	90	216	10
(300170)			7/9/2007											
			7/9/2007											
			8/13/2007	1,730	<2	18	1,000	<0.2	<40	7	<2	139	315	10
Geauga Easterly Rd.		5.05	6/4/2007	815	<2	13	538		<40	3	<2	57	206	<10
(300169)			7/9/2007											
			8/13/2007	901	<2	16	584	<0.2	<40	6	<2	96	265	13
RM 6.20 Trib Dead Branch (03-025-001)														
State Rte. 534		0.14	6/4/2007	1,020	<2	16	650		<40	4	<2	63	258	<10
(300171)			7/9/2007											
			8/13/2007	1,650	<2	18	387	<0.2	<40	5	<2	111	280	<10
04110004010030														
Mud Run (03-024-000)														
Housel-Craft Rd.		4.05	6/4/2007	4,590	3	8	550		<40	4	<2	36	124	27
(300172)			7/9/2007											
			8/13/2007	1,760	<2	11	302	<0.2	<40	4	<2	42	169	<10
			8/13/2007	1,650	<2	11	292	<0.2	<40	4	<2	41	168	<10
04110004010040														
Center Creek (03-023-000)														
State Rte. 45		6.25	6/4/2007	1,690	<2	11	1,910		<40	3	<2	38	186	<10
(300174)			7/9/2007											
			8/13/2007	708	<2	22	942	<0.2	<40	5	<2	62	318	<10
Corey Hunt Rd.		3.03	6/4/2007	370	<2	23	108		<40	4	<2	62	270	<10
(G01K13)			7/9/2007											
			8/13/2007	527	<2	24	239	<0.2	<40	5	<2	64	323	<10
04110004010050														
Baughman Creek (03-022-000)														
Fenton Rd.		3.30	6/4/2007	608	<2	20	251		<40	3	<2	22	168	<10
(G02S06)			7/9/2007											
			8/13/2007	1,300	<2	22	424	<0.2	<40	3	<2	23	184	<10
Deacon Creek (03-022-001)														
Hyde-Shaffer Rd		5.31	6/4/2007	3,790	<2	6	1,250		<40	3	<2	14	79	<10
(300176)			7/9/2007											
			8/13/2007	1,330	<2	12	994	<0.2	<40	5	<2	47	160	32
Hyde-Oakfield Rd.		1.38	6/4/2007	2,700	2	7	525		<40	3	<2	16	74	<10
(300175)			7/9/2007											
			8/13/2007	624	<2	28	1,780	<0.2	<40	8	<2	98	365	53
04110004010060														
Grand River (03-001-000)														
Donley-County Line		75.58	6/4/2007	1,280	<2	14	358		<40	3	<2	28	148	<10
(G01K18)			7/9/2007											
			8/13/2007	2,050	<2	13	254	<0.2	<40	4	<2	32	146	<10

Stream (River Code)													
Location (STORET Station)	River Mile	Date	Iron (µg/l)	Lead (µg/l)	Magnesium (mg/l)	Manganese (µg/l)	Mercury (µg/l)	Nickel (µg/l)	Potassium (mg/l)	Selenium (µg/l)	Sodium (mg/l)	Strontium (µg/l)	Zinc (µg/l)
04110004010060													
Coffee Creek (03-021-000)													
Combs Rd. (G01K17)	0.23	6/4/2007	7,650	<2	8	5,460		<40	3	<2	14	98	<10
		7/9/2007											
		8/13/2007	2,960	<2	19	10,000	<0.2	<40	4	<2	22	257	213
04110004010070													
Grapevine Creek (03-160-002)													
Donley-County Line (300177)	2.10	6/4/2007	726	<2	17	53		<40	8	<2	20	150	<10
		8/13/2007	410	<2	27	212	<0.2	<40	17	<2	47	231	56
Swine Creek (03-160-000)													
Valley Picnic Area (300178)	10.36	6/4/2007	815	<2	13	26		<40	4	<2	38	125	<10
		7/9/2007											
		8/13/2007	66	<2	20	21	<0.2	<40	5	<2	39	171	<10
Curtis-Middlefield Rd. (G01K16)	8.18	12/6/2006	293	<2	13	36		<40	3	<2	20	122	12
		4/17/2007	1,340	<2	7	47		<40	2	<2	19	69	10
		4/24/2007	263	<2	14	37		<40	3	<2	23	141	<10
		5/16/2007	240	<2	18	45		<40	3	<2	23	166	<10
		5/16/2007	250	<2	18	48		<40	3	<2	23	169	<10
		5/21/2007	282	8	19	79		<40	3	<2	24	193	<10
		5/21/2007	210	7	18	69		<40	3	<2	23	183	<10
		6/4/2007	896	<2	13	49		<40	4	<2	34	139	<10
		6/6/2007	283	<2	16	38		<40	4	<2	38	170	<10
		7/9/2007	263	<2	21	69		<40	4	<2	28	235	<10
		7/26/2007											
		7/30/2007	557	<2	18	101		<40	4	<2	28	176	<10
		8/9/2007	1,330	<2	17	76	<0.2	<40	5	<2	35	171	<10
		8/9/2007	1,300	<2	17	76	<0.2	<40	4	<2	34	169	<10
		8/13/2007	368	<2	20	79	<0.2	<40	4	<2	33	203	<10
		8/22/2007											
		8/29/2007											
State Rte. 87 (200628)	1.80	6/4/2007	3,320	3	10	134	<0.2	<40	6	<2	29	107	17
		7/9/2007											
		8/13/2007	735	<2	16	93	<0.2	<40	5	<2	30	174	<10
Andrews Creek (03-162-000)													
Girdle Rd. (300179)	3.62	6/4/2007	573	<2	14	82		<40	4	<2	27	143	<10
		7/9/2007											
		8/13/2007	446	<2	17	122	<0.2	<40	5	<2	33	179	<10
Plum Creek (03-163-000)													
Girdle Rd. (300180)	1.48	6/4/2007	1,220	<2	18	623		<40	3	<2	13	172	12
		7/9/2007											
		8/13/2007	969	<2	26	592	<0.2	<40	4	<2	24	231	20

Stream (River Code)													
Location (STORET Station)	River Mile	Date	Iron (µg/l)	Lead (µg/l)	Magnesium (mg/l)	Manganese (µg/l)	Mercury (µg/l)	Nickel (µg/l)	Potassium (mg/l)	Selenium (µg/l)	Sodium (mg/l)	Strontium (µg/l)	Zinc (µg/l)
04110004020													
04110004020010													
Mill Creek (03-019-000)													
Wiswell Rd. (300186)	4.94	6/12/2007	2,150	<2	10	308	<0.2	<40	3	<2	11	113	13
		7/11/2007											
		8/15/2007	561	<2	10	85	<0.2	<40	3	<2	13	119	<10
Sweet West Rd. (300185)	2.30	6/12/2007	173	<2	12	35	<0.2	<40	3	<2	19	119	<10
		7/11/2007											
		8/15/2007	<50	<2	12	63	<0.2	<40	3	<2	20	121	<10
		8/15/2007	62	<2	12	57	<0.2	<40	3	<2	20	120	<10
RM 3.79 Trib Mill Cr. (03-019-001)													
Girdle Rd. (300191)	0.13	6/12/2007	371	<2	13	46	<0.2	<40	4	<2	26	172	<10
		7/11/2007											
		8/15/2007	1,240	<2	20	220	<0.2	<40	5	<2	25	168	28
Garden Creek (03-020-000)													
Girdle Rd. (300183)	2.31	6/12/2007	1,270	<2	14	152	<0.2	<40	4	<2	17	117	23
		7/11/2007											
		8/15/2007											
04110004020020													
Phelps Creek (03-150-000)													
US Hwy. 322 (300190)	5.14	6/12/2007	449	<2	10	71	<0.2	<40	3	<2	36	127	<10
		7/11/2007											
		8/15/2007	336	<2	10	50	<0.2	<40	4	<2	40	135	11
Windsor Rd. Ext. (G01K06)	1.23	12/6/2006	772	<2	8	39		<40	3	<2	13	78	27
		4/17/2007	1,940	3	6	76		<40	2	<2	20	66	15
		4/17/2007	2,330	3	6	78		<40	2	<2	20	60	18
		4/24/2007	404	<2	8	48		<40	2	<2	23	89	<10
		5/16/2007	854	<2	12	162		<40	2	<2	23	127	<10
		5/21/2007	1,230	<2	12	190		<40	2	<2	26	127	<10
		6/6/2007	716	<2	11	70		<40	4	<2	32	131	<10
		6/12/2007	833	<2	12	124	<0.2	<40	3	<2	32	140	14
		7/26/2007											
		7/30/2007	612	<2	15	176		<40	2	<2	18	166	<10
		8/9/2007	820	<2	11	95	<0.2	<40	4	<2	45	138	<10
		8/15/2007	595	<2	12	85	<0.2	<40	3	<2	33	140	<10
		8/22/2007											
		8/29/2007											
		8/29/2007											
N. Br. Phelps Ck. (03-151-000)													
Huntley Rd. (300189)	0.94	6/12/2007	2,380	<2	7	421	<0.2	<40	2	<2	38	106	<10
		7/11/2007											
		8/15/2007	7,760	6	12	763	<0.2	<40	8	<2	35	168	25

Stream (River Code)													
Location (STORET Station)	River Mile	Date	Iron (µg/l)	Lead (µg/l)	Magnesium (mg/l)	Manganese (µg/l)	Mercury (µg/l)	Nickel (µg/l)	Potassium (mg/l)	Selenium (µg/l)	Sodium (mg/l)	Strontium (µg/l)	Zinc (µg/l)
04110004020020													
S. Br. Phelps Ck. (03-152-000)													
Peters Rd. (300193)	5.16	6/12/2007	587	<2	12	112	<0.2	<40	4	<2	40	169	<10
		7/11/2007											
		8/15/2007	345	<2	10	94	<0.2	<40	6	<2	40	193	<10
US Hwy. 322 (300192)	0.58	6/12/2007	206	<2	13	43	<0.2	<40	4	<2	50	159	<10
		7/11/2007											
		8/15/2007	184	<2	13	49	<0.2	<40	6	<2	60	177	<10
04110004020030													
Grand River (03-001-000)													
US Hwy. 322 (G01W06)	65.88	12/6/2006	1,380	<2	7	87		<40	3	<2	10	66	33
		4/17/2007	1,300	<2	7	66		<40	2	<2	22	81	10
		4/24/2007	1,160	<2	10	147		<40	2	<2	21	106	<10
		5/16/2007	1,930	<2	13	296		<40	3	<2	23	140	<10
		5/21/2007	1,190	<2	14	236		<40	2	<2	26	146	<10
		6/6/2007	2,500	<2	14	237		<40	4	<2	32	148	11
		6/12/2007	1,840	<2	14	274	<0.2	<40	3	<2	28	145	36
		7/11/2007	1,050	<2	16	400		<40	3	<2	26	166	<10
		7/26/2007											
		7/30/2007	1,710	<2	18	273		<40	3	<2	26	168	22
		8/9/2007	7,470	5	12	248	<0.2	<40	5	<2	27	129	23
		8/15/2007	1,530	<2	13	225	<0.2	<40	4	<2	31	150	<10
		8/22/2007											
		8/29/2007											
Montgomery Rd. (G01K07)	60.95	6/12/2007	1,870	<2	13	280	<0.2	<40	3	<2	30	146	<10
		7/11/2007											
		8/15/2007	1,670	<2	12	232	<0.2	<40	4	<2	30	142	<10
04110004020040													
Hoskins Creek (03-140-000)													
State Rte. 534 (300184)	4.88	6/12/2007	395	<2	10	125	<0.2	<40	2	<2	65	124	<10
		7/11/2007											
		8/15/2007	340	<2	7	60	<0.2	<40	2	<2	56	98	<10
Hurlbert Rd. (G01K19)	2.01	6/12/2007	118	<2	10	28	<0.2	<40	2	<2	41	105	<10
		7/11/2007											
		8/15/2007	132	<2	8	26	<0.2	<40	3	<2	46	93	<10
State Rte. 534 (300197)	1.15	7/11/2007											
		8/15/2007	183	<2	7	124	<0.2	<40	2	<2	10	75	<10
Indian Creek (03-141-000)													
Montgomery Rd. (200624)	1.30	6/12/2007	129	<2	11	37	<0.2	<40	2	<2	48	115	11
		7/11/2007											
		8/15/2007	200	<2	11	47	<0.2	<40	3	<2	57	113	<10

Stream (River Code)													
Location (STORET Station)	River Mile	Date	Iron (µg/l)	Lead (µg/l)	Magnesium (mg/l)	Manganese (µg/l)	Mercury (µg/l)	Nickel (µg/l)	Potassium (mg/l)	Selenium (µg/l)	Sodium (mg/l)	Strontium (µg/l)	Zinc (µg/l)
04110004020050													
Grand River (03-001-000)													
US Hwy. 6 (G01K08)	55.62	12/6/2006	1,350	<2	6	68		<40	3	<2	10	58	11
		4/17/2007	2,060	<2	6	90		<40	2	<2	24	69	10
		4/24/2007	1,320	<2	9	123		<40	2	<2	22	99	68
		5/16/2007	1,700	<2	13	269		<40	2	<2	24	136	<10
		5/21/2007	1,100	<2	14	242		<40	2	<2	27	146	<10
		6/6/2007	2,540	<2	12	246		<40	4	<2	30	131	16
		6/12/2007	2,180	<2	13	308	<0.2	<40	3	<2	32	142	<10
		7/11/2007	2,200	<2	16	516		<40	4	<2	29	175	11
		7/26/2007											
		7/30/2007	1,500	<2	17	444		<40	3	<2	31	177	42
		8/9/2007	2,540	<2	15	263	<0.2	<40	4	<2	26	156	<10
		8/15/2007	1,920	<2	12	272	<0.2	<40	4	<2	31	138	<10
		8/21/2007											
		8/29/2007											
04110004020060													
Crooked Creek (03-017-000)													
Callahan Rd. (300182)	6.70	6/12/2007	227	<2	6	126	<0.2	<40	<2	<2	35	80	<10
		7/11/2007											
		8/15/2007	144	<2	6	124	<0.2	<40	2	<2	40	93	<10
Higley Rd. (300181)	3.51	6/12/2007	172	<2	5	27	<0.2	<40	2	<2	16	65	<10
		7/11/2007											
		8/15/2007	78	<2	6	29	<0.2	<40	2	<2	18	78	<10
Callender Rd. (G01K01)	1.62	6/12/2007	1,270	<2	7	246	<0.2	<40	2	<2	14	81	<10
		6/12/2007	1,330	<2	7	250	<0.2	<40	2	<2	14	83	<10
		7/11/2007											
		8/15/2007	1,360	<2	7	197	<0.2	<40	2	<2	19	95	<10
RM 6.50 Trib Crooked Cr. (03-017-002)													
Callahan Rd. (300194)	0.29	6/12/2007	1,250	<2	5	145	<0.2	<40	2	<2	12	51	<10
		7/11/2007											
		8/15/2007	301	<2	6	177	<0.2	<40	2	<2	12	71	<10
Mud Creek (03-018-000)													
Higley Rd. (300188)	3.78	6/12/2007	190	<2	6	27	<0.2	<40	2	<2	41	76	<10
		7/11/2007											
		8/15/2007	280	<2	7	43	<0.2	<40	2	<2	39	82	<10
Wilderness Rd. (300187)	0.20	6/12/2007	3,930	3	7	388	<0.2	<40	2	<2	16	87	11
		7/11/2007											
		8/15/2007	4,280	3	8	353	<0.2	<40	3	<2	25	103	12

Stream (River Code)													
Location (STORET Station)	River Mile	Date	Iron (µg/l)	Lead (µg/l)	Magnesium (mg/l)	Manganese (µg/l)	Mercury (µg/l)	Nickel (µg/l)	Potassium (mg/l)	Selenium (µg/l)	Sodium (mg/l)	Strontium (µg/l)	Zinc (µg/l)
04110004030													
04110004030010													
Rock Creek (03-130-000)													
Dodgeville Rd. (G01W02)	9.64	12/6/2006	972	<2	6	68		<40	3	<2	<5	50	25
		4/17/2007	2,750	2	5	75		<40	2	<2	13	51	12
		4/24/2007	750	<2	7	75		<40	2	<2	9	70	<10
		5/16/2007	1,210	<2	10	263		<40	2	<2	8	91	<10
		5/21/2007	1,060	<2	11	234		<40	2	<2	9	97	<10
		6/6/2007	1,620	<2	9	339		<40	3	<2	11	94	<10
		6/21/2007	1,040	<2	11	388	<0.2	<40	3	<2	17	104	<10
		7/16/2007	972	<2	15	1,070		<40	3	<2	14	138	<10
		7/26/2007											
		7/26/2007											
		7/30/2007	913	<2	14	807		<40	3	<2	10	118	<10
		8/9/2007	617	<2	12	410	<0.2	<40	3	<2	8	106	<10
		8/21/2007											
		8/28/2007	1,110	<2	14	1,040	<0.2	<40	4	<2	22	151	<10
		8/29/2007											
State Rte. 45 (G01K03)	1.23	12/6/2006	1,070	<2	5	49		<40	4	<2	5	50	12
		4/17/2007	703	<2	5	53		<40	2	<2	16	57	<10
		4/24/2007	431	<2	5	26		<40	2	<2	15	55	<10
		5/16/2007	91	<2	7	61		<40	2	<2	16	68	<10
		5/21/2007	120	<2	6	13		<40	2	<2	16	71	<10
		6/6/2007	320	<2	7	92		<40	3	<2	18	79	14
		6/21/2007	164	<2	6	57	<0.2	<40	2	<2	15	72	<10
		7/16/2007	102	<2	11	41		<40	7	<2	41	144	<10
		7/26/2007											
		7/30/2007	168	<2	10	60		<40	8	<2	42	139	<10
		8/9/2007	676	<2	8	254	<0.2	<40	7	<2	27	124	<10
		8/21/2007											
		8/21/2007											
		8/28/2007	250	<2	7	118	<0.2	<40	3	<2	16	76	<10
		8/29/2007											
Union Cemetery (G01W05)	0.95	4/17/2007	726	<2	5	52		<40	2	<2	16	56	<10
		4/24/2007	431	<2	5	26		<40	2	<2	15	56	<10
		6/21/2007	218	<2	6	48	<0.2	<40	2	<2	16	74	<10
		7/16/2007											
		8/28/2007	197	<2	7	93	<0.2	<40	3	<2	17	78	<10
Snyder Ditch (03-130-003)													
Moore Rd. (300199)	0.60	6/21/2007	3,330	2	15	402	<0.2	<40	4	<2	11	123	12
		7/16/2007											
		8/28/2007	2,430	2	16	398	<0.2	<40	3	<2	11	154	17
Whetstone Creek (03-133-000)													
State Rte. 46 (300200)	2.00	6/21/2007	816	<2	22	513	<0.2	<40	8	5.9	124	975	<10
		7/16/2007											
		8/28/2007	609	<2	9	159	<0.2	<40	4	<2	53	136	<10

Stream (River Code)													
Location (STORET Station)	River Mile	Date	Iron (µg/l)	Lead (µg/l)	Magnesium (mg/l)	Manganese (µg/l)	Mercury (µg/l)	Nickel (µg/l)	Potassium (mg/l)	Selenium (µg/l)	Sodium (mg/l)	Strontium (µg/l)	Zinc (µg/l)
04110004030010													
Lebanon Creek (03-134-000)													
Institute Rd. (300198)	1.93	6/21/2007	414	<2	14	81	<0.2	<40	4	<2	49	133	<10
		7/16/2007											
		8/28/2007	361	<2	12	80	<0.2	<40	4	<2	39	121	<10
04110004040													
04110004040010													
Grand River (03-001-000)													
Footville-Richmond Rd. (G02K54)	48.63	6/21/2007	1,400	<2	12	354	<0.2	<40	3	<2	26	137	11
		7/16/2007											
		8/28/2007	1,630	<2	10	229	<0.2	<40	4	<2	30	122	13
Three Brothers Creek (03-015-000)													
Stumpville Rd (300203)	6.68	6/21/2007	645	<2	9	90	<0.2	<40	3	<2	39	111	<10
		7/16/2007											
		8/28/2007	749	<2	9	90	<0.2	<40	5	<2	57	129	14
Camp Beaumont (300208)	1.99	6/21/2007	936	<2	10	114	<0.2	<40	5	<2	26	134	<10
		7/16/2007											
		8/28/2007	815	<2	9	99	<0.2	<40	5	<2	43	122	<10
04110004040020													
Grand River (03-001-000)													
Camp Beaumont (G02K52)	45.10	12/6/2006	1,530	<2	5	58		<40	3	<2	8	54	13
		12/6/2006	1,470	<2	5	57		<40	3	<2	8	53	12
		4/17/2007	2,230	<2	6	94		<40	2	<2	18	66	10
		4/24/2007	1,140	3	8	95		<40	2	<2	19	89	<10
		5/16/2007	1,360	<2	11	193		<40	2	<2	22	124	<10
		5/21/2007	1,100	<2	12	185		<40	2	<2	23	134	<10
		6/6/2007	2,080	<2	12	242		<40	3	<2	26	131	11
		6/21/2007	1,270	<2	12	288	<0.2	<40	3	<2	28	140	<10
		7/16/2007	1,010	<2	15	439		<40	4	<2	28	174	<10
		7/26/2007											
		7/30/2007	916	<2	15	346		<40	3	<2	28	173	15
		8/9/2007	2,740	<2	14	425	<0.2	<40	3	<2	24	147	<10
		8/21/2007											
		8/28/2007	1,140	<2	10	179	<0.2	<40	4	<2	29	121	<10
		8/28/2007	1,250	<2	10	184	<0.2	<40	4	<2	30	124	<10
		8/29/2007											
Trumbull Creek (03-013-000)													
Dawsey Rd. (300205)	9.03	6/21/2007	1,280	<2	5	422	<0.2	<40	2	<2	28	68	<10
		7/16/2007											
		8/28/2007	1,400	<2	5	896	<0.2	<40	3	<2	39	64	<10
State Rte. 534 (300204)	6.23	6/21/2007	156	<2	7	15	<0.2	<40	2	<2	28	77	<10
		7/16/2007											
		8/28/2007	212	<2	8	21	<0.2	<40	2	<2	41	90	<10

Stream (River Code)													
Location (STORET Station)	River Mile	Date	Iron (µg/l)	Lead (µg/l)	Magnesium (mg/l)	Manganese (µg/l)	Mercury (µg/l)	Nickel (µg/l)	Potassium (mg/l)	Selenium (µg/l)	Sodium (mg/l)	Strontium (µg/l)	Zinc (µg/l)
04110004040020													
Riverdale Rd. (G02K51)	2.05	12/6/2006	854	<2	4	41		<40	2	<2	10	45	<10
		4/17/2007	1,970	<2	4	94		<40	2	<2	27	45	<10
		4/24/2007	358	<2	6	44		<40	2	<2	28	66	<10
		4/24/2007	355	<2	6	44		<40	2	<2	28	67	<10
		5/16/2007	497	<2	7	103		<40	2	<2	23	76	<10
		5/21/2007	406	<2	7	98		<40	2	<2	24	86	<10
		6/6/2007	614	<2	8	57		<40	2	<2	41	92	19
		6/21/2007	461	<2	8	78	<0.2	<40	2	<2	25	88	<10
		6/21/2007	435	<2	8	74	<0.2	<40	2	<2	25	86	<10
		7/16/2007	569	<2	9	240		<40	3	<2	26	106	<10
		7/16/2007	574	<2	9	240		<40	3	<2	26	106	<10
		7/26/2007											
		7/30/2007	464	<2	9	148		<40	3	<2	28	103	10
		8/9/2007	1,000	<2	8	86	<0.2	<40	3	<2	37	89	<10
		8/21/2007											
		8/28/2007	379	<2	8	59	<0.2	<40	3	<2	41	96	<10
		8/29/2007											
Spring Creek (03-014-000)													
Leggett Rd (300202)	5.02	6/21/2007	471	<2	12	41	<0.2	<40	2	<2	58	125	<10
		7/16/2007											
		8/28/2007	318	<2	12	29	<0.2	<40	2	<2	48	124	<10
Callahan Rd. (300207)	2.76	6/21/2007	512	<2	6	113	<0.2	<40	2	<2	34	66	<10
		7/16/2007											
		8/28/2007	396	<2	8	157	<0.2	<40	2	<2	42	95	<10
04110004040030 [Grand R. below Trumbull													
Bronson Creek (03-012-000)													
Windsor-Mechanicsville Rd. (300201)	1.52	6/21/2007	387	<2	7	19	<0.2	<40	3	<2	40	78	<10
		7/16/2007											
		8/28/2007	214	<2	7	12	<0.2	<40	4	<2	30	84	<10
Sweitzer Rd. (G02K50)	0.82	6/21/2007	168	<2	8	24	<0.2	<40	4	<2	40	97	<10
		7/16/2007											
		8/28/2007	207	<2	8	27	<0.2	<40	4	<2	32	95	<10

Notes:

1. Water turbid
2. Field Duplicate
3. Slight oil sheen
4. Clumps of algae in sample
5. Sheen and foam on water
6. No flow
7. Very low flow
8. Pond work upstream
9. No access to site
10. Nuisance algae in stream

Appendix 2
Fish Community Data

Upper Grand 2007

River Mile	Type	Date	Drainage area (sq mi)	Number of						Percent of Individuals					Rel.No. minus tolerants /(0.3km)	IBI	
				Total species	Minnow species	Headwater species	Sensitive species	Darter & Sculpin species	Simple Lithophils	Tolerant fishes	Omni- vores	Pioneering fishes	Insect- ivores	DELT anomalies			
Grand River - (03-001)																	
Year: 2007																	
99.00	E	07/12/2007	6.8	7(3)	4(3)	1(1)	0(1)	1(1)	2(1)	62(1)	21(3)	46(3)	27(3)	0.0(5)	261(3)	28	
95.40	E	09/25/2007	14.1	21(5)	7(5)	2(3)	5(3)	5(5)	7(5)	18(5)	10(5)	16(5)	49(5)	0.0(5)	875(5)	56	
94.30	E	07/12/2007	15.2	12(3)	5(3)	1(1)	5(3)	4(3)	3(1)	22(5)	5(5)	31(3)	58(5)	0.0(5)	214(3)	40	
Bronson Creek - (03-012)																	
Year: 2007																	
1.50	E	06/20/2007	5.2	15(5)	8(5)	2(3)	1(1)	3(3)	4(3)	44(3)	28(1)	45(3)	34(3)	0.4(5)	272(3)	38	
0.80	E	06/20/2007	7.5	15(5)	6(5)	2(3)	2(1)	4(5)	6(5)	28(5)	3(5)	26(5)	49(5)	0.3(5)	530(3)	52	
Trumbull Creek - (03-013)																	
Year: 2007																	
6.20	E	06/21/2007	13.1	15(3)	8(5)	4(5)	2(1)	4(3)	5(3)	56(1)	12(5)	33(3)	35(3)	0.0(5)	458(3)	40	
2.00	E	06/20/2007	19.6	20(5)	7(5)	2(3)	6(3)	4(3)	7(3)	33(3)	13(5)	45(3)	63(5)	0.0(5)	184(1)	44	
Spring Creek - (03-014)																	
Year: 2007																	
5.10	E	09/06/2007	1.9	14(5)	5(5)	3(3)	1(1)	4(5)	4(5)	51(3)	12(3)	43(3)	36(5)	0.0(5)	418(5)	48	
2.80	E	06/21/2007	6.5	11(3)	6(5)	2(3)	1(1)	3(3)	4(3)	60(1)	30(1)	48(3)	55(5)	0.0(5)	240(3)	36	
Three Brothers Creek - (03-015)																	
Year: 2007																	
6.70	E	06/22/2007	5.8	15(5)	6(5)	2(3)	1(1)	4(5)	6(5)	65(1)	12(5)	48(3)	20(3)	0.0(5)	374(3)	44	
2.00	E	06/22/2007	8.4	16(5)	6(3)	2(3)	1(1)	4(5)	6(5)	69(1)	12(5)	51(3)	58(5)	0.0(5)	208(3)	44	
Crooked Creek - (03-017)																	
Year: 2007																	
6.70	E	09/14/2007	3.2	14(5)	6(5)	3(3)	0(1)	3(5)	3(3)	68(1)	22(3)	68(1)	17(3)	0.0(5)	256(3)	38	
3.50	E	06/21/2007	6.9	17(5)	7(5)	4(5)	3(3)	5(5)	8(5)	25(5)	3(5)	15(5)	57(5)	0.0(5)	796(5)	58	
1.60	E	06/21/2007	9.3	18(5)	5(3)	1(1)	3(3)	2(3)	5(3)	62(1)	49(1)	61(1)	34(3)	0.0(5)	312(3)	32	
Mill Creek - (03-019)																	
Year: 2007																	

♦ - IBI is low end adjusted.

* - < 200 Total individuals in sample

** - < 50 Total individuals in sample

● - One or more species excluded from IBI calculation.

Upper Grand 2007

River Mile	Type	Date	Drainage area (sq mi)	Number of						Percent of Individuals					Rel.No. minus tolerants / (0.3km)	IBI
				Total species	Minnow species	Headwater species	Sensitive species	Darter & Sculpin species	Simple Lithophils	Tolerant fishes	Omni-vores	Pioneering fishes	Insect-ivores	DELT anomalies		
4.90	E	09/26/2007	2.8	8(3)	3(3)	1(1)	0(1)	0(1)	1(1)	84(1)	0(5)	74(1)	6(1)	0.0(5)	128(3)	26
2.30	E	06/28/2007	8.9	10(3)	4(3)	3(3)	1(1)	4(5)	2(1)	33(5)	1(5)	21(5)	47(5)	0.0(5)	590(3)	44
<i>Garden Creek - (03-020)</i>																
Year: 2007																
2.30	E	07/10/2007	1.0	4(3)	3(3)	2(3)	0(1)	0(1)	2(5)	91(1)	0(5)	27(5)	0(1)	0.0(5)	204(5)	38
<i>Baughman Creek - (03-022)</i>																
Year: 2007																
3.30	E	06/29/2007	15.5	18(5)	7(5)	1(1)	5(3)	5(5)	7(5)	37(3)	29(3)	41(3)	61(5)	0.0(5)	654(3)	46
<i>Center Creek - (03-023)</i>																
Year: 2007																
6.30	E	06/29/2007	6.4	10(3)	4(3)	0(1)	1(1)	2(3)	1(1)	53(3)	22(3)	65(1)	51(5)	0.0(5)	132(1)	30
3.00	E	06/28/2007	11.6	15(5)	4(3)	1(1)	0(1)	3(3)	3(1)	60(1)	51(1)	54(3)	38(3)	0.0(5)	160(1)	28
<i>Mud Run - (03-024)</i>																
Year: 2007																
4.10	E	06/28/2007	8.5	11(3)	4(3)	0(1)	1(1)	0(1)	3(3)	93(1)	82(1)	88(1)	7(1)	0.0(5)	51(1)	22
<i>Deacon Creek - (03-046)</i>																
Year: 2007																
1.40	E	06/29/2007	9.3	9(3)	4(3)	0(1)	1(1)	2(3)	3(3)	74(1)	30(1)	58(1)	36(3)	0.0(5)	46(1) *	26
<i>Whetstone Creek - (03-133)</i>																
Year: 2007																
2.00	E	06/29/2007	5.9	11(3)	3(3)	0(1)	0(1)	1(1)	1(1)	79(1)	43(1)	21(5)	47(5)	0.0(5)	189(3)	30
<i>Lebanon Creek - (03-134)</i>																
Year: 2007																
1.90	E	06/29/2007	4.0	10(3)	3(3)	0(1)	1(1)	2(3)	2(1)	58(1)	4(5)	56(1)	32(3)	0.0(5)	62(1) *	28
<i>Hoskins Creek - (03-140)</i>																
Year: 2007																
4.90	E	06/21/2007	5.7	10(3)	4(3)	2(3)	0(1)	1(1)	2(1)	60(1)	4(5)	40(3)	35(3)	0.0(5)	222(3)	32
2.00	E	06/21/2007	13.5	11(3)	4(3)	3(3)	3(3)	5(5)	5(3)	41(3)	1(5)	16(5)	43(3)	0.0(5)	882(5)	46
<i>Indian Creek - (03-141)</i>																

◆ - IBI is low end adjusted.

* - < 200 Total individuals in sample

** - < 50 Total individuals in sample

● - One or more species excluded from IBI calculation.

River Mile	Type	Date	Drainage area (sq mi)	Number of						Percent of Individuals					Rel.No. minus tolerants /(0.3km)	IBI	
				Total species	Minnow species	Headwater species	Sensitive species	Darter & Sculpin species	Simple Lithophils	Tolerant fishes	Omni- vores	Pioneering fishes	Insect- ivores	DELT anomalies			
Year: 2007																	
3.90	E	06/27/2007	1.8	19(5)	7(5)	4(5)	3(5)	5(5)	8(5)	49(3)	4(5)	28(5)	48(5)	0.0(5)	426(5)	58	
<i>N. Br. Phelps Creek - (03-151)</i>																	
Year: 2007																	
0.90	E	06/27/2007	6.3	13(5)	5(3)	1(1)	1(1)	3(3)	4(3)	53(3)	15(3)	40(3)	40(5)	0.0(5)	261(3)	38	
<i>S. Br. Phelps Creek - (03-152)</i>																	
Year: 2007																	
5.10	E	06/28/2007	4.7	11(3)	4(3)	0(1)	1(1)	1(1)	3(3)	38(3)	0(5)	33(3)	32(3)	0.0(5)	375(3)	34	
0.50	E	06/27/2007	11.8	14(3)	6(3)	1(1)	3(3)	2(3)	6(3)	20(5)	13(5)	11(5)	23(3)	0.0(5)	990(5)	44	
<i>Swine Creek - (03-160)</i>																	
Year: 2007																	
10.40	E	06/28/2007	6.5	15(5)	7(5)	3(3)	2(1)	4(5)	6(5)	29(5)	3(5)	15(5)	50(5)	0.0(5)	680(5)	54	
8.20	E	06/28/2007	11.8	18(5)	7(5)	4(5)	3(3)	5(5)	7(5)	41(3)	13(5)	36(3)	54(5)	0.0(5)	328(3)	52	
1.70	E	07/12/2007	18.0	17(5)	6(3)	1(1)	4(3)	3(3)	7(5)	41(3)	27(3)	30(5)	53(5)	0.0(5)	302(3)	44	
<i>Andrews Creek - (03-162)</i>																	
Year: 2007																	
3.60	E	06/28/2007	6.0	16(5)	7(5)	3(3)	2(1)	3(3)	5(3)	72(1)	43(1)	61(1)	17(1)	0.0(5)	498(3)	32	
<i>Plum Creek - (03-163)</i>																	
Year: 2007																	
1.50	E	07/10/2007	1.3	11(5)	5(5)	1(1)	0(1)	1(3)	3(5)	78(1)	14(3)	52(3)	27(5)	0.0(5)	60(3)	40	

◆ - IBI is low end adjusted.

* - < 200 Total individuals in sample

** - < 50 Total individuals in sample

● - One or more species excluded from IBI calculation.

River Mile	Type	Date	Drainage area (sq mi)	Number of					Percent of Individuals					Rel.No. minus tolerants /(0.3km)	IBI	Modified Iwb	
				Total species	Sunfish species	Sucker species	Intolerant species	Darter species	Simple Lithophils	Tolerant fishes	Omnivores	Top carnivores	Insect- ivores				DELT anomalies
Grand River - (03001)																	
Year: 2007																	
88.50	D	07/12/2007	32	21(5)	2(3)	2(3)	6(5)	6(5)	35(3)	28(5)	24(3)	7.1(5)	62(5)	0.0(5)	323(3)	50	8.0
88.50	D	08/15/2007	32	24(5)	2(3)	2(3)	5(5)	5(5)	36(3)	18(5)	11(5)	8.3(5)	72(5)	0.7(3)	245(3)	50	8.1
75.60	D	07/12/2007	126	26(5)	4(5)	5(5)	2(1)	4(3)	45(5)	42(1)	31(3)	2.9(3)	65(5)	0.6(5)	147(1)	42	8.2
75.60	D	08/15/2007	126	25(5)	4(5)	5(5)	4(3)	4(3)	58(5)	29(3)	23(3)	8.0(5)	69(5)	0.0(5)	215(3)	50	8.6
Rock Creek - (03130)																	
Year: 2007																	
9.60	E	07/12/2007	52	18(3)	3(3)	2(3)	0(1)	6(5)	32(3)	12(5)	4(5)	7.9(5)	82(5)	0.0(5)	300(3)	46	8.2
9.60	D	08/16/2007	52	16(3)	5(5)	2(3)	0(1)	5(5)	27(3)	26(3)	16(5)	5.2(5)	75(5)	0.0(5)	86(1) *	44	6.7
1.20	D	07/11/2007	70	14(3)	2(3)	2(3)	1(1)	3(3)	4(1)	44(1)	3(5)	0.0(1)	52(3)	0.4(5)	207(3)	32	6.4
1.20	D	08/16/2007	70	24(5)	3(3)	4(5)	3(3)	4(3)	58(5)	19(5)	10(5)	1.4(3)	76(5)	0.0(5)	588(3)	50	8.0
0.90	D	07/11/2007	70	20(3)	2(3)	3(3)	2(1)	4(3)	57(5)	40(3)	20(3)	2.7(3)	68(5)	0.0(5)	198(1)	38	8.0
0.90	D	08/15/2007	70	18(3)	2(3)	3(3)	3(3)	4(3)	63(5)	31(3)	18(5)	0.0(1)	73(5)	0.0(5)	329(3)	42	8.3
Snyder Ditch - (03138)																	
Year: 2007																	
0.60	E	07/11/2007	29	12(3)	3(3)	2(3)	0(1)	2(3)	20(3)	75(1)	15(5)	0.0(1)	61(5)	0.0(5)	66(1)	34	6.4
0.60	E	08/16/2007	29	16(3)	5(5)	1(1)	0(1)	2(3)	15(1)	71(1)	31(3)	5.3(5)	56(5)	0.0(5)	44(1) *	34	6.5
Phelps Creek - (03150)																	
Year: 2007																	
5.10	D	06/28/2007	23	19(5)	2(3)	2(3)	1(1)	4(5)	28(3)	37(3)	15(5)	0.5(1)	20(1)	0.0(5)	393(3)	38	7.0
5.10	E	08/16/2007	23	15(3)	2(3)	2(3)	0(1)	2(3)	21(3)	45(3)	18(5)	0.4(1)	19(1)	0.0(5)	508(3)	34	7.5
1.20	D	07/12/2007	25	22(5)	3(3)	3(5)	2(3)	4(5)	28(3)	35(3)	22(3)	2.1(3)	65(5)	0.0(5)	251(3)	46	8.3
1.20	E	08/15/2007	25	18(5)	2(3)	2(3)	3(3)	4(5)	29(3)	39(3)	24(3)	1.5(3)	53(5)	0.0(5)	224(3)	44	7.2

na - Qualitative data, Modified Iwb not applicable.

♦ - IBI is low end adjusted.

* - < 200 Total individuals in sample

** - < 50 Total individuals in sample

● - One or more species excluded from IBI calculation.

River Mile	Type	Date	Drainage area (sq mi)	Number of				Percent of Individuals						DELTA anomalies	Rel.No. minus tolerants /(1.0 km)	Modified	
				Total species	Sunfish species	Sucker species	Intolerant species	Rnd-bodied suckers	Simple Lithophils	Tolerant fishes	Omnivores	Top carnivores	Insect- ivores			IBI	lwb
Grand River - (03-001)																	
Year: 2007																	
63.30	A	07/25/2007	212	20(3)	4(5)	5(3)	2(3)	33(3)	53(5)	18(3)	17(3)	7(3)	76(5)	0.0(5)	358(3)	44	8.6
63.30	A	08/30/2007	212	21(5)	1(1)	6(5)	3(3)	41(5)	71(5)	24(3)	21(3)	8(3)	68(5)	0.7(5)	222(3)	46	8.9
55.60	A	07/25/2007	251	20(3)	4(5)	4(3)	2(3)	53(5)	69(5)	12(5)	11(5)	6(3)	81(5)	0.7(5)	246(3)	50	8.4
55.60	A	08/30/2007	251	18(3)	2(3)	4(3)	2(3)	40(5)	64(5)	7(5)	6(5)	13(5)	80(5)	0.9(3)	210(3)	48	8.5
48.60	A	07/18/2007	323	22(5)	3(3)	4(3)	4(5)	55(5)	73(5)	7(5)	6(5)	12(5)	81(5)	0.0(5)	476(5)	56	9.2
42.40	A	07/26/2007	417	23(5)	4(5)	3(3)	3(3)	22(3)	35(3)	4(5)	2(5)	12(5)	85(5)	0.5(5)	392(3)	50	8.7
42.40	A	08/31/2007	417	16(3)	2(3)	2(1)	3(3)	35(3)	69(5)	3(5)	3(5)	14(5)	82(5)	2.1(3)	182(1) *	42	8.5

♦ - IBI is low end adjusted.

* - < 200 Total individuals in sample

** - < 50 Total individuals in sample

Species List

River Code: 03-001	Stream: Grand River	Sample Date: 2007
River Mile: 99.00	Location:	Date Range: 07/12/2007
Time Fished: 1800 sec	Drainage: 7.0 sq mi	
Dist Fished: 0.16 km	Basin: Grand 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	33	61.88	8.97			
Western Blacknose Dace	N	G	S	T	121	226.88	32.88			
Creek Chub	N	G	N	T	25	46.88	6.79			
Bluntnose Minnow	N	O	C	T	45	84.38	12.23			
Central Stoneroller	N	H	N		45	84.38	12.23			
Green Sunfish	S	I	C	T	5	9.38	1.36			
Johnny Darter	D	I	C		94	176.25	25.54			
<i>Mile Total</i>					368	690.00				
<i>Number of Species</i>					7					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-001	Stream: Grand River	Sample Date: 2007
River Mile: 95.40	Location: U.S. Rt. 422	Date Range: 09/25/2007
Time Fished: 3035 sec	Drainage: 14.1 sq mi	
Dist Fished: 0.20 km	Basin: Grand River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Redfin Pickerel		P	M	P	2	3.00	0.28			
Northern Hog Sucker	R	I	S	M	79	118.50	11.13			
White Sucker	W	O	S	T	38	57.00	5.35			
River Chub	N	I	N	I	67	100.50	9.44			
Western Blacknose Dace	N	G	S	T	5	7.50	0.70			
Creek Chub	N	G	N	T	45	67.50	6.34			
Striped Shiner	N	I	S		58	87.00	8.17			
Silverjaw Minnow	N	I	M		21	31.50	2.96			
Bluntnose Minnow	N	O	C	T	34	51.00	4.79			
Central Stoneroller	N	H	N		229	343.50	32.25			
Yellow Bullhead		I	C	T	1	1.50	0.14			
Stonecat Madtom		I	C	I	8	12.00	1.13			
White Crappie	S	I	C		1	1.50	0.14			
Largemouth Bass	F	C	C		11	16.50	1.55			
Green Sunfish	S	I	C	T	4	6.00	0.56			
Bluegill Sunfish	S	I	C	P	3	4.50	0.42			
Blackside Darter	D	I	S		1	1.50	0.14			
Johnny Darter	D	I	C		10	15.00	1.41			
Greenside Darter	D	I	S	M	20	30.00	2.82			
Rainbow Darter	D	I	S	M	32	48.00	4.51			
Fantail Darter	D	I	C		41	61.50	5.77			
<i>Mile Total</i>					710	1,065.00				
<i>Number of Species</i>					21					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-001	Stream: Grand River	Sample Date: 2007
River Mile: 94.30	Location: Hobart Rd.	Date Range: 07/12/2007
Time Fished: 1800 sec	Drainage: 15.2 sq mi	
Dist Fished: 0.17 km	Basin: Grand River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Northern Hog Sucker	R	I	S	M	3	5.29	1.92			
River Chub	N	I	N	I	30	52.94	19.23			
Creek Chub	N	G	N	T	27	47.65	17.31			
Silverjaw Minnow	N	I	M		1	1.77	0.64			
Bluntnose Minnow	N	O	C	T	8	14.12	5.13			
Central Stoneroller	N	H	N		29	51.18	18.59			
Stonecat Madtom		I	C	I	1	1.77	0.64			
Largemouth Bass	F	C	C		1	1.77	0.64			
Johnny Darter	D	I	C		13	22.94	8.33			
Greenside Darter	D	I	S	M	5	8.82	3.21			
Rainbow Darter	D	I	S	M	4	7.06	2.56			
Fantail Darter	D	I	C		34	60.00	21.79			
<i>Mile Total</i>					156	275.29				
<i>Number of Species</i>					12					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-001	Stream: Grand River	Sample Date: 2007
River Mile: 88.50	Location: dst. Wood Curtis Rd.	Date Range: 07/12/2007
Time Fished: 3600 sec	Drainage: 32.1 sq mi	Thru: 08/15/2007
Dist Fished: 0.36 km	Basin: Grand 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
North Brook Lamprey [E]		F	N	R	15	12.50	3.35	0.05	1.47	4.20
Redfin Pickerel		P	M	P	1	0.83	0.22	0.08	2.21	95.00
Northern Hog Sucker	R	I	S	M	5	4.17	1.12	0.22	6.10	52.20
White Sucker	W	O	S	T	10	8.33	2.23	0.88	24.54	105.04
Hornyhead Chub	N	I	N	I	20	16.67	4.46	0.10	2.75	5.90
River Chub	N	I	N	I	5	4.17	1.12	0.03	0.74	6.40
Creek Chub	N	G	N	T	16	13.33	3.57	0.18	4.90	13.13
Rosyface Shiner	N	I	S	I	5	4.17	1.12	0.01	0.20	1.60
Striped Shiner	N	I	S		28	23.33	6.25	0.15	4.09	6.26
Common Shiner	N	I	S		2	1.67	0.45	0.02	0.55	11.50
Sand Shiner	N	I	M	M	4	3.33	0.89	0.01	0.18	2.00
Mimic Shiner	N	I	M	I	8	6.67	1.79	0.02	0.46	2.50
Silverjaw Minnow	N	I	M		25	20.83	5.58	0.04	1.12	1.92
Bluntnose Minnow	N	O	C	T	74	61.67	16.52	0.21	5.94	3.44
Central Stoneroller	N	H	N		2	1.67	0.45	0.01	0.21	4.50
Yellow Bullhead		I	C	T	2	1.67	0.45	0.08	2.28	49.00
Stonecat Madtom		I	C	I	1	0.83	0.22	0.01	0.35	15.00
Rock Bass	S	C	C		31	25.83	6.92	1.02	28.63	39.55
Largemouth Bass	F	C	C		2	1.67	0.45	0.02	0.60	13.00
Green Sunfish	S	I	C	T	5	4.17	1.12	0.14	4.04	34.60
Blackside Darter	D	I	S		42	35.00	9.37	0.11	2.97	3.02
Eastern Sand Darter [S]	D	I	S	R	1	0.83	0.22	0.00	0.04	2.00
Johnny Darter	D	I	C		56	46.67	12.50	0.03	0.92	0.71
Greenside Darter	D	I	S	M	64	53.33	14.29	0.14	3.91	2.61
Rainbow Darter	D	I	S	M	2	1.67	0.45	0.00	0.08	2.00
Fantail Darter	D	I	C		22	18.33	4.91	0.02	0.66	1.27
<i>Mile Total</i>					448	373.33		3.57		
<i>Number of Species</i>					26					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-001	Stream: Grand River	Sample Date: 2007
River Mile: 75.60	Location: County Line Donley Rd.	Date Range: 07/12/2007
Time Fished: 3600 sec	Drainage: 126.2 sq mi	Thru: 08/15/2007
Dist Fished: 0.40 km	Basin: Grand 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
Amer Brook Lamprey		F	N R	1	0.75	0.27	0.00	0.03	6.00
Redfin Pickerel		P	M P	7	5.25	1.89	0.17	1.02	33.00
Silver Redhorse	R	I	S M	9	6.75	2.43	1.01	5.98	150.00
Golden Redhorse	R	I	S M	14	10.50	3.78	2.16	12.72	205.21
Northern Hog Sucker	R	I	S M	3	2.25	0.81	0.24	1.43	107.33
White Sucker	W	O	S T	33	24.75	8.92	3.60	21.27	145.61
Spotted Sucker	R	I	S	4	3.00	1.08	1.88	11.06	625.00
Hornyhead Chub	N	I	N I	1	0.75	0.27	0.01	0.04	10.00
Silver Shiner	N	I	S I	1	0.75	0.27	0.00	0.01	1.00
Rosyface Shiner	N	I	S I	18	13.50	4.86	0.01	0.07	0.89
Redfin Shiner	N	I	N	8	6.00	2.16	0.01	0.06	1.50
Striped Shiner	N	I	S	57	42.75	15.41	0.06	0.35	1.38
Spotfin Shiner	N	I	M	17	12.75	4.59	0.04	0.26	3.39
Silverjaw Minnow	N	I	M	2	1.50	0.54	0.00	0.01	1.00
Bluntnose Minnow	N	O	C T	66	49.50	17.84	0.14	0.85	2.92
Central Stoneroller	N	H	N	1	0.75	0.27	0.00	0.01	1.00
Yellow Bullhead		I	C T	24	18.00	6.49	2.99	17.64	166.08
Stonecat Madtom		I	C I	1	0.75	0.27	0.03	0.17	37.00
Trout-perch		I	M	1	0.75	0.27	0.01	0.08	18.00
Black Crappie	S	I	C	1	0.75	0.27	0.05	0.29	65.00
Rock Bass	S	C	C	5	3.75	1.35	0.13	0.78	35.00
Smallmouth Bass	F	C	C M	4	3.00	1.08	0.04	0.21	12.00
Largemouth Bass	F	C	C	1	0.75	0.27	0.03	0.18	40.00
Green Sunfish	S	I	C T	6	4.50	1.62	0.09	0.51	19.17
Bluegill Sunfish	S	I	C P	2	1.50	0.54	0.02	0.11	12.50
Pumpkinseed Sunfish	S	I	C P	9	6.75	2.43	0.13	0.79	19.78
Walleye	F	P	S	4	3.00	1.08	3.93	23.19	1,310.00
Blackside Darter	D	I	S	34	25.50	9.19	0.09	0.52	3.43
Logperch	D	I	S M	5	3.75	1.35	0.04	0.23	10.20
Johnny Darter	D	I	C	22	16.50	5.95	0.01	0.07	0.71
Greenside Darter	D	I	S M	9	6.75	2.43	0.02	0.12	2.86
<i>Mile Total</i>				370	277.50		16.95		
<i>Number of Species</i>				31					
<i>Number of Hybrids</i>				0					

Species List

River Code: 03-001	Stream: Grand River	Sample Date: 2007
River Mile: 63.30	Location: New Hudson Rd.	Date Range: 07/25/2007
Time Fished: 4800 sec	Drainage: 212.0 sq mi	Thru: 08/30/2007
Dist Fished: 1.00 km	Basin: Grand 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	0.27	0.01	0.01	10.00
Silver Redhorse	R	I	S M	49	49.00	13.46	18.06	26.60	368.63
Black Redhorse	R	I	S I	2	2.00	0.55	0.09	0.13	44.00
Golden Redhorse	R	I	S M	74	74.00	20.33	13.84	20.39	187.05
Northern Hog Sucker	R	I	S M	7	7.00	1.92	0.67	0.99	95.71
White Sucker	W	O	S T	58	58.00	15.93	22.36	32.94	385.58
Spotted Sucker	R	I	S	1	1.00	0.27	0.73	1.07	725.00
Common Carp	G	O	M T	1	1.00	0.27	0.90	1.33	900.00
River Chub	N	I	N I	6	6.00	1.65	0.33	0.48	54.83
Rosyface Shiner	N	I	S I	1	1.00	0.27	0.00	0.00	2.00
Striped Shiner	N	I	S	14	14.00	3.85	0.02	0.03	1.50
Spotfin Shiner	N	I	M	13	13.00	3.57	0.06	0.09	4.58
Bluntnose Minnow	N	O	C T	8	8.00	2.20	0.03	0.04	3.63
Yellow Bullhead		I	C T	5	5.00	1.37	0.94	1.38	188.00
Brown Bullhead		I	C T	1	1.00	0.27	0.25	0.37	250.00
Trout-perch		I	M	80	80.00	21.98	0.74	1.09	9.24
Rock Bass	S	C	C	11	11.00	3.02	0.77	1.13	70.00
Smallmouth Bass	F	C	C M	8	8.00	2.20	2.43	3.58	303.63
Green Sunfish	S	I	C T	1	1.00	0.27	0.02	0.02	15.00
Bluegill Sunfish	S	I	C P	1	1.00	0.27	0.04	0.06	41.00
Pumpkinseed Sunfish	S	I	C P	1	1.00	0.27	0.01	0.01	9.00
Walleye	F	P	S	7	7.00	1.92	4.07	5.99	581.43
Yellow Perch			M	5	5.00	1.37	1.50	2.21	299.80
Blackside Darter	D	I	S	6	6.00	1.65	0.03	0.05	5.17
Johnny Darter	D	I	C	3	3.00	0.82	0.00	0.01	1.33
<i>Mile Total</i>				364	364.00		67.90		
<i>Number of Species</i>				25					
<i>Number of Hybrids</i>				0					

Species List

River Code: 03-001	Stream: Grand River	Sample Date: 2007
River Mile: 55.60	Location: U.S. Rt. 6	Date Range: 07/25/2007
Time Fished: 4411 sec	Drainage: 251.0 sq mi	Thru: 08/30/2007
Dist Fished: 1.00 km	Basin: Grand 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
Silver Redhorse	R	I	S	M	68	68.00	26.98	25.39	43.78	373.39
Black Redhorse	R	I	S	I	3	3.00	1.19	0.10	0.17	33.33
Golden Redhorse	R	I	S	M	47	47.00	18.65	14.69	25.33	312.57
Northern Hog Sucker	R	I	S	M	1	1.00	0.40	0.02	0.03	18.00
White Sucker	W	O	S	T	16	16.00	6.35	6.21	10.71	388.13
River Chub	N	I	N	I	3	3.00	1.19	0.21	0.37	71.33
Rosyface Shiner	N	I	S	I	2	2.00	0.79	0.00	0.01	2.00
Striped Shiner	N	I	S		16	16.00	6.35	0.02	0.04	1.38
Spotfin Shiner	N	I	M		7	7.00	2.78	0.03	0.05	4.14
Bluntnose Minnow	N	O	C	T	6	6.00	2.38	0.02	0.03	3.00
Central Stoneroller	N	H	N		1	1.00	0.40	0.00	0.00	2.00
Yellow Bullhead		I	C	T	1	1.00	0.40	0.45	0.78	450.00
Trout-perch		I	M		43	43.00	17.06	0.40	0.69	9.28
Black Crappie	S	I	C		1	1.00	0.40	0.10	0.17	100.00
Rock Bass	S	C	C		3	3.00	1.19	0.25	0.42	82.00
Smallmouth Bass	F	C	C	M	9	9.00	3.57	1.54	2.66	171.11
Largemouth Bass	F	C	C		2	2.00	0.79	0.54	0.92	267.50
Green Sunfish	S	I	C	T	1	1.00	0.40	0.04	0.07	40.00
Bluegill Sunfish	S	I	C	P	4	4.00	1.59	0.31	0.53	77.50
Walleye	F	P	S		10	10.00	3.97	7.39	12.74	739.00
Yellow Perch			M		2	2.00	0.79	0.26	0.45	131.00
Blackside Darter	D	I	S		5	5.00	1.98	0.02	0.03	3.80
Johnny Darter	D	I	C		1	1.00	0.40	0.00	0.00	1.00
<i>Mile Total</i>					252	252.00		57.99		
<i>Number of Species</i>					23					
<i>Number of Hybrids</i>					0					

River Code: 03-001	Stream: Grand River	Sample Date: 2007
River Mile: 48.60	Location: Footville-Richmond Rd.	Date Range: 07/18/2007
Time Fished: 2400 sec	Drainage: 361.0 sq mi	
Dist Fished: 0.50 km	Basin: Grand River	No of Passes: 1
		Sampler Type: A

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Silver Redhorse	R	I	S	M	24	48.00	7.48	8.62	17.27	179.67
Black Redhorse	R	I	S	I	1	2.00	0.31	0.05	0.10	25.00
Golden Redhorse	R	I	S	M	88	176.00	27.41	17.33	34.70	98.47
Northern Hog Sucker	R	I	S	M	27	54.00	8.41	2.67	5.35	49.44
Common Carp	G	O	M	T	1	2.00	0.31	3.40	6.81	1,700.00
River Chub	N	I	N	I	17	34.00	5.30	0.58	1.16	17.00
Creek Chub	N	G	N	T	1	2.00	0.31	0.00	0.01	2.00
Rosyface Shiner	N	I	S	I	7	14.00	2.18	0.03	0.06	2.00
Striped Shiner	N	I	S		13	26.00	4.05	0.36	0.73	14.00
Spotfin Shiner	N	I	M		3	6.00	0.93	0.01	0.02	2.00
Sand Shiner	N	I	M	M	2	4.00	0.62	0.01	0.01	1.50
Mimic Shiner	N	I	M	I	4	8.00	1.25	0.02	0.04	2.50
Bluntnose Minnow	N	O	C	T	14	28.00	4.36	0.11	0.22	3.85
Central Stoneroller	N	H	N		2	4.00	0.62	0.01	0.01	1.50
Yellow Bullhead		I	C	T	1	2.00	0.31	0.40	0.80	200.00
Trout-perch		I	M		66	132.00	20.56	0.97	1.94	7.35
Black Crappie	S	I	C		1	2.00	0.31	0.12	0.23	58.00
Rock Bass	S	C	C		6	12.00	1.87	0.87	1.74	72.50
Smallmouth Bass	F	C	C	M	12	24.00	3.74	4.53	9.07	188.75
Bluegill Sunfish	S	I	C	P	5	10.00	1.56	0.19	0.39	19.40
Walleye	F	P	S		12	24.00	3.74	9.55	19.12	397.92
Blackside Darter	D	I	S		10	20.00	3.12	0.05	0.11	2.70
Logperch	D	I	S	M	1	2.00	0.31	0.04	0.09	22.00
Greenside Darter	D	I	S	M	3	6.00	0.93	0.01	0.03	2.33
<i>Mile Total</i>					321	642.00		49.94		
<i>Number of Species</i>					24					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-001	Stream: Grand River	Sample Date: 2007
River Mile: 42.40	Location: upst. Sweitzer Rd.	Date Range: 07/26/2007
Time Fished: 4710 sec	Drainage: 417.0 sq mi	Thru: 08/31/2007
Dist Fished: 1.00 km	Basin: Grand 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
Amer Brook Lamprey		F	N	R	2	2.00	0.67	0.01	0.02	6.50
Northern Pike	F	P	M		2	2.00	0.67	4.10	6.98	2,050.00
Muskellunge [S]	F	P	M		1	1.00	0.34	7.60	12.94	7,600.00
Silver Redhorse	R	I	S	M	47	47.00	15.77	26.97	45.91	573.79
Golden Redhorse	R	I	S	M	29	29.00	9.73	2.57	4.38	88.69
Northern Hog Sucker	R	I	S	M	2	2.00	0.67	0.06	0.10	30.00
Common Carp	G	O	M	T	2	2.00	0.67	3.85	6.55	1,925.00
Silver Shiner	N	I	S	I	1	1.00	0.34	0.00	0.00	1.00
Rosyface Shiner	N	I	S	I	7	7.00	2.35	0.01	0.02	1.71
Redfin Shiner	N	I	N		1	1.00	0.34	0.00	0.00	2.00
Striped Shiner	N	I	S		40	40.00	13.42	0.04	0.07	1.09
Spotfin Shiner	N	I	M		4	4.00	1.34	0.03	0.05	6.75
Sand Shiner	N	I	M	M	1	1.00	0.34	0.00	0.00	1.00
Mimic Shiner	N	I	M	I	6	6.00	2.01	0.02	0.03	2.83
Bluntnose Minnow	N	O	C	T	5	5.00	1.68	0.01	0.02	2.60
Channel Catfish	F		C		2	2.00	0.67	4.43	7.53	2,212.50
Trout-perch		I	M		101	101.00	33.89	0.76	1.30	7.54
White Crappie	S	I	C		1	1.00	0.34	0.00	0.01	3.00
Rock Bass	S	C	C		14	14.00	4.70	0.96	1.63	68.57
Smallmouth Bass	F	C	C	M	11	11.00	3.69	2.11	3.59	191.73
Largemouth Bass	F	C	C		1	1.00	0.34	0.00	0.00	2.00
Green Sunfish	S	I	C	T	4	4.00	1.34	0.04	0.06	8.75
Bluegill Sunfish	S	I	C	P	2	2.00	0.67	0.02	0.04	11.50
Walleye	F	P	S		8	8.00	2.68	5.14	8.75	642.50
Blackside Darter	D	I	S		3	3.00	1.01	0.01	0.01	2.00
Johnny Darter	D	I	C		1	1.00	0.34	0.00	0.00	1.00
<i>Mile Total</i>					298	298.00		58.75		
<i>Number of Species</i>					26					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-012	Stream: Bronson Creek	Sample Date: 2007
River Mile: 1.50	Location:	Date Range: 06/20/2007
Time Fished: 1500 sec	Drainage: 5.2 sq mi	
Dist Fished: 0.15 km	Basin: Grand 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	0.41			
Golden Shiner	N	I	M	T	1	2.00	0.41			
Western Blacknose Dace	N	G	S	T	4	8.00	1.66			
Creek Chub	N	G	N	T	26	52.00	10.79			
Common Shiner	N	I	S		2	4.00	0.83			
Silverjaw Minnow	N	I	M		2	4.00	0.83			
Fathead Minnow	N	O	C	T	1	2.00	0.41			
Bluntnose Minnow	N	O	C	T	65	130.00	26.97			
Central Stoneroller	N	H	N		60	120.00	24.90			
Brown Bullhead		I	C	T	1	2.00	0.41			
Green Sunfish	S	I	C	T	6	12.00	2.49			
Bluegill Sunfish	S	I	C	P	4	8.00	1.66			
Hybrid X Sunfish					2	4.00	0.83			
Johnny Darter	D	I	C		9	18.00	3.73			
Rainbow Darter	D	I	S	M	31	62.00	12.86			
Fantail Darter	D	I	C		26	52.00	10.79			
<i>Mile Total</i>					241	482.00				
<i>Number of Species</i>					15					
<i>Number of Hybrids</i>					1					

Species List

River Code: 03-012	Stream: Bronson Creek	Sample Date: 2007
River Mile: 0.80	Location:	Date Range: 06/20/2007
Time Fished: 1500 sec	Drainage: 7.5 sq mi	
Dist Fished: 0.15 km	Basin: Grand River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Northern Hog Sucker	R	I	S	M	8	16.00	2.17			
White Sucker	W	O	S	T	1	2.00	0.27			
Western Blacknose Dace	N	G	S	T	21	42.00	5.69			
Creek Chub	N	G	N	T	50	100.00	13.55			
Common Shiner	N	I	S		28	56.00	7.59			
Silverjaw Minnow	N	I	M		3	6.00	0.81			
Bluntnose Minnow	N	O	C	T	11	22.00	2.98			
Central Stoneroller	N	H	N		105	210.00	28.46			
Green Sunfish	S	I	C	T	21	42.00	5.69			
Bluegill Sunfish	S	I	C	P	1	2.00	0.27			
Pumpkinseed Sunfish	S	I	C	P	1	2.00	0.27			
Blackside Darter	D	I	S		2	4.00	0.54			
Johnny Darter	D	I	C		11	22.00	2.98			
Rainbow Darter	D	I	S	M	32	64.00	8.67			
Fantail Darter	D	I	C		74	148.00	20.05			
<i>Mile Total</i>					369	738.00				
<i>Number of Species</i>					15					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-013	Stream: Trumbull Creek	Sample Date: 2007
River Mile: 6.20	Location: St. Rt. 534	Date Range: 06/21/2007
Time Fished: 1680 sec	Drainage: 13.1 sq mi	
Dist Fished: 0.15 km	Basin: Grand 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
Western Blacknose Dace	N	G	S	T	133	266.00	25.78			
Creek Chub	N	G	N	T	63	126.00	12.21			
Redside Dace	N	I	S	I	23	46.00	4.46			
Striped Shiner	N	I	S		1	2.00	0.19			
Common Shiner	N	I	S		14	28.00	2.71			
Silverjaw Minnow	N	I	M		1	2.00	0.19			
Bluntnose Minnow	N	O	C	T	63	126.00	12.21			
Central Stoneroller	N	H	N		78	156.00	15.12			
Yellow Bullhead		I	C	T	2	4.00	0.39			
Green Sunfish	S	I	C	T	26	52.00	5.04			
Bluegill Sunfish	S	I	C	P	20	40.00	3.88			
Johnny Darter	D	I	C		19	38.00	3.68			
Rainbow Darter	D	I	S	M	17	34.00	3.29			
Fantail Darter	D	I	C		30	60.00	5.81			
Mottled Sculpin		I	C		26	52.00	5.04			
<i>Mile Total</i>					516	1,032.00				
<i>Number of Species</i>					15					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-013	Stream: Trumbull Creek	Sample Date: 2007
River Mile: 2.00	Location: Riverdale Rd.	Date Range: 06/20/2007
Time Fished: 1500 sec	Drainage: 19.6 sq mi	
Dist Fished: 0.15 km	Basin: Grand 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
North Brook Lamprey [E]		F	N	R	2	4.00	1.46			
Amer Brook Lamprey		F	N	R	1	2.00	0.73			
Golden Redhorse	R	I	S	M	3	6.00	2.19			
Northern Hog Sucker	R	I	S	M	12	24.00	8.76			
White Sucker	W	O	S	T	1	2.00	0.73			
Creek Chub	N	G	N	T	21	42.00	15.33			
Striped Shiner	N	I	S		1	2.00	0.73			
Common Shiner	N	I	S		32	64.00	23.36			
Mimic Shiner	N	I	M	I	1	2.00	0.73			
Silverjaw Minnow	N	I	M		7	14.00	5.11			
Bluntnose Minnow	N	O	C	T	17	34.00	12.41			
Central Stoneroller	N	H	N		5	10.00	3.65			
Yellow Bullhead		I	C	T	1	2.00	0.73			
Rock Bass	S	C	C		3	6.00	2.19			
Smallmouth Bass	F	C	C	M	1	2.00	0.73			
Green Sunfish	S	I	C	T	5	10.00	3.65			
Bluegill Sunfish	S	I	C	P	2	4.00	1.46			
Blackside Darter	D	I	S		4	8.00	2.92			
Logperch	D	I	S	M	1	2.00	0.73			
Johnny Darter	D	I	C		11	22.00	8.03			
Mottled Sculpin		I	C		6	12.00	4.38			
<i>Mile Total</i>					137	274.00				
<i>Number of Species</i>					21					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-014	Stream: Spring Creek	Sample Date: 2007
River Mile: 5.10	Location: upst. Leggett Rd.	Date Range: 09/06/2007
Time Fished: 3447 sec	Drainage: 1.9 sq mi	
Dist Fished: 0.13 km	Basin: Grand 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	17	39.23	4.62			
Western Blacknose Dace	N	G	S	T	7	16.15	1.90			
Creek Chub	N	G	N	T	122	281.54	33.15			
Striped Shiner	N	I	S		24	55.39	6.52			
Bluntnose Minnow	N	O	C	T	26	60.00	7.07			
Central Stoneroller	N	H	N		62	143.08	16.85			
Yellow Bullhead		I	C	T	14	32.31	3.80			
Green Sunfish	S	I	C	T	1	2.31	0.27			
Bluegill Sunfish	S	I	C	P	6	13.85	1.63			
Pumpkinseed Sunfish	S	I	C	P	4	9.23	1.09			
Johnny Darter	D	I	C		9	20.77	2.45			
Rainbow Darter	D	I	S	M	18	41.54	4.89			
Fantail Darter	D	I	C		20	46.15	5.43			
Mottled Sculpin		I	C		38	87.69	10.33			
<i>Mile Total</i>					368	849.23				
<i>Number of Species</i>					14					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-014	Stream: Spring Creek	Sample Date: 2007
River Mile: 2.80	Location: Callahan Rd.	Date Range: 06/21/2007
Time Fished: 1500 sec	Drainage: 6.5 sq mi	
Dist Fished: 0.10 km	Basin: Grand 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
Western Blacknose Dace	N	G	S	T	2	6.00	1.00			
Creek Chub	N	G	N	T	24	72.00	11.94			
Striped Shiner	N	I	S		1	3.00	0.50			
Common Shiner	N	I	S		8	24.00	3.98			
Bluntnose Minnow	N	O	C	T	60	180.00	29.85			
Central Stoneroller	N	H	N		4	12.00	1.99			
Yellow Bullhead		I	C	T	28	84.00	13.93			
Green Sunfish	S	I	C	T	7	21.00	3.48			
Johnny Darter	D	I	C		6	18.00	2.99			
Rainbow Darter	D	I	S	M	42	126.00	20.90			
Fantail Darter	D	I	C		19	57.00	9.45			
<i>Mile Total</i>					201	603.00				
<i>Number of Species</i>					11					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-015	Stream: Three Brothers Creek	Sample Date: 2007
River Mile: 6.70	Location:	Date Range: 06/22/2007
Time Fished: 1200 sec	Drainage: 5.8 sq mi	
Dist Fished: 0.11 km	Basin: Grand 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	21	57.27	5.37			
Western Blacknose Dace	N	G	S	T	68	185.46	17.39			
Creek Chub	N	G	N	T	117	319.09	29.92			
Striped Shiner	N	I	S		1	2.73	0.26			
Common Shiner	N	I	S		6	16.36	1.53			
Bluntnose Minnow	N	O	C	T	26	70.91	6.65			
Central Stoneroller	N	H	N		80	218.18	20.46			
Yellow Bullhead		I	C	T	2	5.46	0.51			
Green Sunfish	S	I	C	T	20	54.55	5.12			
Bluegill Sunfish	S	I	C	P	1	2.73	0.26			
Pumpkinseed Sunfish	S	I	C	P	4	10.91	1.02			
Blackside Darter	D	I	S		1	2.73	0.26			
Johnny Darter	D	I	C		23	62.73	5.88			
Rainbow Darter	D	I	S	M	11	30.00	2.81			
Fantail Darter	D	I	C		10	27.27	2.56			
<i>Mile Total</i>					391	1,066.36				
<i>Number of Species</i>					15					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-015	Stream: Three Brothers Creek	Sample Date: 2007
River Mile: 2.00	Location: at Boy Scout Reservation	Date Range: 06/22/2007
Time Fished: 1800 sec	Drainage: 17.4 sq mi	
Dist Fished: 0.13 km	Basin: Grand 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	48	110.77	16.44			
White Sucker	W	O	S	T	14	32.31	4.79			
Western Blacknose Dace	N	G	S	T	3	6.92	1.03			
Creek Chub	N	G	N	T	85	196.15	29.11			
Striped Shiner	N	I	S		1	2.31	0.34			
Common Shiner	N	I	S		2	4.62	0.68			
Bluntnose Minnow	N	O	C	T	21	48.46	7.19			
Central Stoneroller	N	H	N		1	2.31	0.34			
Yellow Bullhead		I	C	T	9	20.77	3.08			
Green Sunfish	S	I	C	T	22	50.77	7.53			
Bluegill Sunfish	S	I	C	P	3	6.92	1.03			
Pumpkinseed Sunfish	S	I	C	P	1	2.31	0.34			
Blackside Darter	D	I	S		34	78.46	11.64			
Johnny Darter	D	I	C		22	50.77	7.53			
Rainbow Darter	D	I	S	M	15	34.62	5.14			
Fantail Darter	D	I	C		11	25.39	3.77			
<i>Mile Total</i>					292	673.85				
<i>Number of Species</i>					16					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-017	Stream: Crooked Creek	Sample Date: 2007
River Mile: 6.70	Location: dst. Callahan Rd.	Date Range: 09/14/2007
Time Fished: 3999 sec	Drainage: 3.2 sq mi	
Dist Fished: 0.15 km	Basin: Grand River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Redfin Pickerel		P	M	P	5	10.00	1.25			
White Sucker	W	O	S	T	11	22.00	2.75			
Western Blacknose Dace	N	G	S	T	3	6.00	0.75			
Creek Chub	N	G	N	T	176	352.00	44.00			
Common Shiner	N	I	S		2	4.00	0.50			
Silverjaw Minnow	N	I	M		2	4.00	0.50			
Bluntnose Minnow	N	O	C	T	76	152.00	19.00			
Central Stoneroller	N	H	N		60	120.00	15.00			
Green Sunfish	S	I	C	T	6	12.00	1.50			
Bluegill Sunfish	S	I	C	P	8	16.00	2.00			
Pumpkinseed Sunfish	S	I	C	P	2	4.00	0.50			
Johnny Darter	D	I	C		11	22.00	2.75			
Fantail Darter	D	I	C		2	4.00	0.50			
Mottled Sculpin		I	C		36	72.00	9.00			
<i>Mile Total</i>					400	800.00				
<i>Number of Species</i>					14					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-017	Stream: Crooked Creek	Sample Date: 2007
River Mile: 3.50	Location: Higley Rd.	Date Range: 06/21/2007
Time Fished: 1500 sec	Drainage: 6.9 sq mi	
Dist Fished: 0.15 km	Basin: Grand River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Northern Hog Sucker	R	I	S	M	13	26.00	2.43			
White Sucker	W	O	S	T	7	14.00	1.31			
Western Blacknose Dace	N	G	S	T	50	100.00	9.36			
Creek Chub	N	G	N	T	46	92.00	8.61			
Redside Dace	N	I	S	I	30	60.00	5.62			
Striped Shiner	N	I	S		1	2.00	0.19			
Common Shiner	N	I	S		81	162.00	15.17			
Bluntnose Minnow	N	O	C	T	8	16.00	1.50			
Central Stoneroller	N	H	N		120	240.00	22.47			
Yellow Bullhead		I	C	T	4	8.00	0.75			
Green Sunfish	S	I	C	T	21	42.00	3.93			
Bluegill Sunfish	S	I	C	P	2	4.00	0.37			
Blackside Darter	D	I	S		3	6.00	0.56			
Johnny Darter	D	I	C		7	14.00	1.31			
Rainbow Darter	D	I	S	M	30	60.00	5.62			
Fantail Darter	D	I	C		12	24.00	2.25			
Mottled Sculpin		I	C		99	198.00	18.54			
<i>Mile Total</i>					534	1,068.00				
<i>Number of Species</i>					17					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-017	Stream: Crooked Creek	Sample Date: 2007
River Mile: 1.60	Location: Callender Rd.	Date Range: 06/21/2007
Time Fished: 1500 sec	Drainage: 9.3 sq mi	
Dist Fished: 0.15 km	Basin: Grand 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
North Brook Lamprey [E]		F	N	R	1	2.00	0.24			
Amer Brook Lamprey		F	N	R	8	16.00	1.96			
Redfin Pickerel		P	M	P	8	16.00	1.96			
Golden Redhorse	R	I	S	M	10	20.00	2.44			
Northern Hog Sucker	R	I	S	M	14	28.00	3.42			
White Sucker	W	O	S	T	8	16.00	1.96			
Creek Chub	N	G	N	T	39	78.00	9.54			
Redfin Shiner	N	I	N		49	98.00	11.98			
Common Shiner	N	I	S		27	54.00	6.60			
Silverjaw Minnow	N	I	M		2	4.00	0.49			
Bluntnose Minnow	N	O	C	T	194	388.00	47.43			
Yellow Bullhead		I	C	T	1	2.00	0.24			
Brown Bullhead		I	C	T	1	2.00	0.24			
Rock Bass	S	C	C		3	6.00	0.73			
Largemouth Bass	F	C	C		7	14.00	1.71			
Green Sunfish	S	I	C	T	11	22.00	2.69			
Pumpkinseed Sunfish	S	I	C	P	4	8.00	0.98			
Blackside Darter	D	I	S		18	36.00	4.40			
Johnny Darter	D	I	C		4	8.00	0.98			
<i>Mile Total</i>					409	818.00				
<i>Number of Species</i>					19					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-019 River Mile: 4.90 Time Fished: 2831 sec Dist Fished: 0.15 km	Stream: Mill Creek (Grand R. RM 75.17) Location: dst. Wiswell Rd. Drainage: 2.8 sq mi Basin: Grand River	Sample Date: 2007 Date Range: 09/26/2007 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
Western Blacknose Dace	N	G	S	T	34	68.00	8.44			
Creek Chub	N	G	N	T	291	582.00	72.21			
Central Stoneroller	N	H	N		49	98.00	12.16			
Yellow Bullhead		I	C	T	6	12.00	1.49			
Largemouth Bass	F	C	C		7	14.00	1.74			
Green Sunfish	S	I	C	T	8	16.00	1.99			
Bluegill Sunfish	S	I	C	P	6	12.00	1.49			
Pumpkinseed Sunfish	S	I	C	P	2	4.00	0.50			
<i>Mile Total</i>					403	806.00				
<i>Number of Species</i>					8					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-019	Stream: Mill Creek (Grand R. RM 75.17)	Sample Date: 2007
River Mile: 2.30	Location:	Date Range: 06/28/2007
Time Fished: 1500 sec	Drainage: 8.9 sq mi	
Dist Fished: 0.15 km	Basin: Grand 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	0.23			
Western Blacknose Dace	N	G	S	T	58	116.00	13.12			
Creek Chub	N	G	N	T	82	164.00	18.55			
Bluntnose Minnow	N	O	C	T	5	10.00	1.13			
Central Stoneroller	N	H	N		90	180.00	20.36			
Yellow Bullhead		I	C	T	1	2.00	0.23			
Johnny Darter	D	I	C		6	12.00	1.36			
Rainbow Darter	D	I	S	M	37	74.00	8.37			
Fantail Darter	D	I	C		28	56.00	6.33			
Mottled Sculpin		I	C		134	268.00	30.32			
<i>Mile Total</i>					442	884.00				
<i>Number of Species</i>					10					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-020	Stream: Garden Creek	Sample Date: 2007
River Mile: 2.30	Location: Girdle Rd.	Date Range: 07/10/2007
Time Fished:	Drainage: 1.0 sq mi	
Dist Fished: 0.10 km	Basin: Grand 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
Western Blacknose Dace	N	G	S	T	483	1,449.00	64.23			
Creek Chub	N	G	N	T	201	603.00	26.73			
South. Redbelly Dace	N	H	S		67	201.00	8.91			
Largemouth Bass	F	C	C		1	3.00	0.13			
<i>Mile Total</i>					752	2,256.00				
<i>Number of Species</i>					4					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-022	Stream: Baughman Creek	Sample Date: 2007
River Mile: 3.30	Location: Fenton Rd.	Date Range: 06/29/2007
Time Fished: 1800 sec	Drainage: 15.5 sq mi	
Dist Fished: 0.15 km	Basin: Grand 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
North Brook Lamprey [E]		F	N	R	8	16.00	1.53	0.04	0.35	2.50
Central Mudminnow		I	C	T	2	4.00	0.38	0.02	0.21	6.00
Northern Hog Sucker	R	I	S	M	1	2.00	0.19	0.25	2.19	125.00
White Sucker	W	O	S	T	13	26.00	2.49	3.45	30.18	132.69
Golden Shiner	N	I	M	T	1	2.00	0.19	0.02	0.14	8.00
Hornyhead Chub	N	I	N	I	63	126.00	12.05	1.07	9.36	8.49
Creek Chub	N	G	N	T	36	72.00	6.88	2.06	18.03	28.62
Striped Shiner	N	I	S		2	4.00	0.38	0.04	0.38	11.00
Common Shiner	N	I	S		189	378.00	36.14	1.91	16.71	5.05
Silverjaw Minnow	N	I	M		12	24.00	2.29	0.11	0.92	4.38
Bluntnose Minnow	N	O	C	T	140	280.00	26.77	1.13	9.85	4.02
Rock Bass	S	C	C		8	16.00	1.53	0.91	8.00	57.14
Green Sunfish	S	I	C	T	4	8.00	0.76	0.21	1.84	26.25
Blackside Darter	D	I	S		4	8.00	0.76	0.03	0.30	4.25
Johnny Darter	D	I	C		23	46.00	4.40	0.09	0.80	2.00
Greenside Darter	D	I	S	M	3	6.00	0.57	0.02	0.19	3.67
Rainbow Darter	D	I	S	M	3	6.00	0.57	0.02	0.16	3.00
Fantail Darter	D	I	C		11	22.00	2.10	0.04	0.38	2.00
<i>Mile Total</i>					523	1,046.00		11.43		
<i>Number of Species</i>					18					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-023	Stream: Center Creek	Sample Date: 2007
River Mile: 6.30	Location:	Date Range: 06/29/2007
Time Fished: 1800 sec	Drainage: 6.4 sq mi	
Dist Fished: 0.10 km	Basin: Grand 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	12	36.00	12.77			
Redfin Pickerel		P	M	P	12	36.00	12.77			
Golden Shiner	N	I	M	T	1	3.00	1.06			
Creek Chub	N	G	N	T	12	36.00	12.77			
Bluntnose Minnow	N	O	C	T	21	63.00	22.34			
Central Stoneroller	N	H	N		1	3.00	1.06			
Green Sunfish	S	I	C	T	4	12.00	4.26			
Bluegill Sunfish	S	I	C	P	1	3.00	1.06			
Johnny Darter	D	I	C		24	72.00	25.53			
Rainbow Darter	D	I	S	M	6	18.00	6.38			
<i>Mile Total</i>					94	282.00				
<i>Number of Species</i>					10					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-023	Stream: Center Creek	Sample Date: 2007
River Mile: 3.00	Location:	Date Range: 06/28/2007
Time Fished: 1800 sec	Drainage: 11.6 sq mi	
Dist Fished: 0.15 km	Basin: Grand River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Redfin Pickerel		P	M	P	2	4.00	0.99			
White Sucker	W	O	S	T	32	64.00	15.84			
Golden Shiner	N	I	M	T	4	8.00	1.98			
Creek Chub	N	G	N	T	7	14.00	3.47			
Striped Shiner	N	I	S		2	4.00	0.99			
Bluntnose Minnow	N	O	C	T	70	140.00	34.65			
Yellow Bullhead		I	C	T	4	8.00	1.98			
Black Bullhead		I	C	P	1	2.00	0.50			
Rock Bass	S	C	C		15	30.00	7.43			
Green Sunfish	S	I	C	T	5	10.00	2.48			
Bluegill Sunfish	S	I	C	P	13	26.00	6.44			
Pumpkinseed Sunfish	S	I	C	P	5	10.00	2.48			
Blackside Darter	D	I	S		9	18.00	4.46			
Johnny Darter	D	I	C		26	52.00	12.87			
Fantail Darter	D	I	C		7	14.00	3.47			
<i>Mile Total</i>					202	404.00				
<i>Number of Species</i>					15					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-024	Stream: Mud Run	Sample Date: 2007
River Mile: 4.10	Location:	Date Range: 06/28/2007
Time Fished: 1800 sec	Drainage: 8.5 sq mi	
Dist Fished: 0.10 km	Basin: Grand River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Redfin Pickerel		P	M	P	1	3.00	0.39			
Northern Hog Sucker	R	I	S	M	2	6.00	0.78			
White Sucker	W	O	S	T	12	36.00	4.69			
Golden Shiner	N	I	M	T	3	9.00	1.17			
Creek Chub	N	G	N	T	26	78.00	10.16			
Striped Shiner	N	I	S		9	27.00	3.52			
Bluntnose Minnow	N	O	C	T	197	591.00	76.95			
Black Bullhead		I	C	P	2	6.00	0.78			
Largemouth Bass	F	C	C		1	3.00	0.39			
Green Sunfish	S	I	C	T	1	3.00	0.39			
Pumpkinseed Sunfish	S	I	C	P	2	6.00	0.78			
<i>Mile Total</i>					256	768.00				
<i>Number of Species</i>					11					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-046	Stream: Deacon Creek	Sample Date: 2007
River Mile: 1.40	Location:	Date Range: 06/29/2007
Time Fished: 1800 sec	Drainage: 9.3 sq mi	
Dist Fished: 0.15 km	Basin: Grand River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Redfin Pickerel		P	M	P	3	6.00	3.41			
White Sucker	W	O	S	T	12	24.00	13.64			
Golden Shiner	N	I	M	T	10	20.00	11.36			
Creek Chub	N	G	N	T	27	54.00	30.68			
Striped Shiner	N	I	S		11	22.00	12.50			
Bluntnose Minnow	N	O	C	T	14	28.00	15.91			
Green Sunfish	S	I	C	T	2	4.00	2.27			
Johnny Darter	D	I	C		8	16.00	9.09			
Rainbow Darter	D	I	S	M	1	2.00	1.14			
<i>Mile Total</i>					88	176.00				
<i>Number of Species</i>					9					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-049	Stream: Trib. to Crooked Creek (RM 6.50)	Sample Date: 2007
River Mile: 0.30	Location:	Date Range: 09/06/2007
Time Fished: 3085 sec	Drainage: 1.9 sq mi	
Dist Fished: 0.14 km	Basin: Grand River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	5	10.71	1.05			
Western Blacknose Dace	N	G	S	T	109	233.57	22.85			
Creek Chub	N	G	N	T	220	471.43	46.12			
Striped Shiner	N	I	S		1	2.14	0.21			
Bluntnose Minnow	N	O	C	T	26	55.71	5.45			
Central Stoneroller	N	H	N		26	55.71	5.45			
Greenside Darter	D	I	S	M	1	2.14	0.21			
Mottled Sculpin		I	C		89	190.71	18.66			
<i>Mile Total</i>					477	1,022.14				
<i>Number of Species</i>					8					
<i>Number of Hybrids</i>					0					

River Code: 03-130	Stream: Rock Creek	Sample Date: 2007
River Mile: 9.60	Location:	Date Range: 07/12/2007
Time Fished: 3600 sec	Drainage: 52.0 sq mi	Thru: 08/16/2007
Dist Fished: 0.26 km	Basin: Grand 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
Redfin Pickerel		P	M	P	1	1.15	0.52	0.05	0.48	40.00
Northern Hog Sucker	R	I	S	M	22	25.38	11.52	2.24	23.46	88.41
White Sucker	W	O	S	T	5	5.77	2.62	0.93	9.71	161.00
Creek Chub	N	G	N	T	10	11.54	5.24	0.03	0.27	2.20
Bluntnose Minnow	N	O	C	T	11	12.69	5.76	0.01	0.12	0.91
Yellow Bullhead		I	C	T	3	3.46	1.57	0.11	1.19	33.00
Brown Bullhead		I	C	T	1	1.15	0.52	0.08	0.78	65.00
White Crappie	S	I	C		55	63.46	28.80	3.04	31.78	47.90
Rock Bass	S	C	C		1	1.15	0.52	0.04	0.41	34.00
Largemouth Bass	F	C	C		11	12.69	5.76	2.43	25.44	191.64
Green Sunfish	S	I	C	T	4	4.62	2.09	0.02	0.19	4.00
Bluegill Sunfish	S	I	C	P	9	10.38	4.71	0.30	3.17	29.22
Pumpkinseed Sunfish	S	I	C	P	1	1.15	0.52	0.04	0.39	32.00
Yellow Perch			M		1	1.15	0.52	0.09	0.90	75.00
Blackside Darter	D	I	S		1	1.15	0.52	0.01	0.06	5.00
Logperch	D	I	S	M	7	8.08	3.66	0.07	0.75	8.83
Johnny Darter	D	I	C		6	6.92	3.14	0.01	0.06	0.83
Greenside Darter	D	I	S	M	5	5.77	2.62	0.03	0.28	4.60
Rainbow Darter	D	I	S	M	18	20.77	9.42	0.02	0.20	0.93
Fantail Darter	D	I	C		19	21.92	9.95	0.03	0.35	1.50
<i>Mile Total</i>					191	220.38		9.56		
<i>Number of Species</i>					20					
<i>Number of Hybrids</i>					0					

River Code: 03-130	Stream: Rock Creek	Sample Date: 2007
River Mile: 1.20	Location: dst. St. Rt. 45	Date Range: 07/11/2007
Time Fished: 3600 sec	Drainage: 70.0 sq mi	Thru: 08/16/2007
Dist Fished: 0.40 km	Basin: Grand 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
Golden Redhorse	R	I	S M	1	0.75	0.14	0.08	3.14	105.00
Northern Hog Sucker	R	I	S M	52	39.00	7.11	0.16	6.40	4.12
White Sucker	W	O	S T	3	2.25	0.41	0.03	1.25	14.00
Spotted Sucker	R	I	S	10	7.50	1.37	0.01	0.46	1.50
Golden Shiner	N	I	M T	69	51.75	9.44	0.10	4.07	1.97
River Chub	N	I	N I	68	51.00	9.30	0.42	16.62	8.19
Creek Chub	N	G	N T	27	20.25	3.69	0.03	1.31	1.63
Rosyface Shiner	N	I	S I	1	0.75	0.14	0.00	0.04	1.00
Striped Shiner	N	I	S	199	149.25	27.22	0.19	7.51	1.27
Sand Shiner	N	I	M M	2	1.50	0.27	0.00	0.12	2.00
Fathead Minnow	N	O	C T	1	0.75	0.14	0.00	0.06	2.00
Bluntnose Minnow	N	O	C T	50	37.50	6.84	0.06	2.25	1.50
Central Stoneroller	N	H	N	143	107.25	19.56	0.21	8.31	1.95
Yellow Bullhead		I	C T	42	31.50	5.75	0.72	28.68	22.90
Stonecat Madtom		I	C I	3	2.25	0.41	0.03	1.01	11.33
Smallmouth Bass	F	C	C M	6	4.50	0.82	0.04	1.47	8.17
Largemouth Bass	F	C	C	1	0.75	0.14	0.06	2.54	85.00
Green Sunfish	S	I	C T	9	6.75	1.23	0.10	4.07	15.11
Bluegill Sunfish	S	I	C P	7	5.25	0.96	0.17	6.74	32.29
Pumpkinseed Sunfish	S	I	C P	1	0.75	0.14	0.00	0.06	2.00
Yellow Perch			M	1	0.75	0.14	0.01	0.30	10.00
Blackside Darter	D	I	S	1	0.75	0.14	0.00	0.04	1.00
Johnny Darter	D	I	C	7	5.25	0.96	0.01	0.22	1.00
Greenside Darter	D	I	S M	19	14.25	2.60	0.07	2.96	5.21
Rainbow Darter	D	I	S M	8	6.00	1.09	0.01	0.56	2.25
<i>Mile Total</i>				731	548.25		2.52		
<i>Number of Species</i>				25					
<i>Number of Hybrids</i>				0					

River Code: 03-130	Stream: Rock Creek	Sample Date: 2007
River Mile: 0.90	Location:	Date Range: 07/11/2007
Time Fished: 3600 sec	Drainage: 70.0 sq mi	Thru: 08/15/2007
Dist Fished: 0.40 km	Basin: Grand 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
Golden Redhorse	R	I	S	M	67	50.25	12.50	4.35	20.19	86.53
Northern Hog Sucker	R	I	S	M	34	25.50	6.34	2.65	12.28	103.71
White Sucker	W	O	S	T	63	47.25	11.75	6.56	30.46	138.82
Common Carp	G	O	M	T	1	0.75	0.19	0.03	0.14	40.00
Golden Shiner	N	I	M	T	3	2.25	0.56	0.03	0.15	14.33
River Chub	N	I	N	I	34	25.50	6.34	0.86	4.01	33.82
Creek Chub	N	G	N	T	9	6.75	1.68	0.04	0.17	5.44
Rosyface Shiner	N	I	S	I	5	3.75	0.93	0.00	0.01	0.80
Striped Shiner	N	I	S		104	78.00	19.40	1.46	6.77	18.70
Spotfin Shiner	N	I	M		2	1.50	0.37	0.00	0.01	2.00
Bluntnose Minnow	N	O	C	T	37	27.75	6.90	0.23	1.06	8.25
Central Stoneroller	N	H	N		37	27.75	6.90	0.30	1.38	10.72
Channel Catfish	F		C		1	0.75	0.19	0.09	0.42	120.00
Yellow Bullhead		I	C	T	62	46.50	11.57	3.13	14.52	67.24
Stonecat Madtom		I	C	I	4	3.00	0.75	0.02	0.09	6.00
Smallmouth Bass	F	C	C	M	5	3.75	0.93	1.17	5.42	311.00
Largemouth Bass	F	C	C		1	0.75	0.19	0.04	0.17	48.00
Green Sunfish	S	I	C	T	10	7.50	1.87	0.21	0.97	27.70
Bluegill Sunfish	S	I	C	P	6	4.50	1.12	0.06	0.27	12.83
Yellow Perch			M		1	0.75	0.19	0.02	0.09	25.00
Blackside Darter	D	I	S		6	4.50	1.12	0.01	0.06	2.83
Logperch	D	I	S	M	20	15.00	3.73	0.22	1.01	14.40
Greenside Darter	D	I	S	M	21	15.75	3.92	0.07	0.34	4.67
Rainbow Darter	D	I	S	M	3	2.25	0.56	0.01	0.02	2.00
<i>Mile Total</i>					536	402.00		21.53		
<i>Number of Species</i>					24					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-133	Stream: Whetstone Creek	Sample Date: 2007
River Mile: 2.00	Location:	Date Range: 06/29/2007
Time Fished: 1800 sec	Drainage: 5.9 sq mi	
Dist Fished: 0.10 km	Basin: Grand River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Redfin Pickerel		P	M	P	3	9.00	1.01			
White Sucker	W	O	S	T	103	309.00	34.68			
Golden Shiner	N	I	M	T	73	219.00	24.58			
Creek Chub	N	G	N	T	25	75.00	8.42			
Bluntnose Minnow	N	O	C	T	24	72.00	8.08			
Largemouth Bass	F	C	C		2	6.00	0.67			
Green Sunfish	S	I	C	T	9	27.00	3.03			
Bluegill Sunfish	S	I	C	P	12	36.00	4.04			
Pumpkinseed Sunfish	S	I	C	P	41	123.00	13.80			
Yellow Perch			M		1	3.00	0.34			
Johnny Darter	D	I	C		4	12.00	1.35			
<i>Mile Total</i>					297	891.00				
<i>Number of Species</i>					11					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-134	Stream: Lebanon Creek	Sample Date: 2007
River Mile: 1.90	Location:	Date Range: 06/29/2007
Time Fished: 1800 sec	Drainage: 4.0 sq mi	
Dist Fished: 0.15 km	Basin: Grand 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	1.37			
Creek Chub	N	G	N	T	35	70.00	47.95			
Bluntnose Minnow	N	O	C	T	2	4.00	2.74			
Central Stoneroller	N	H	N		12	24.00	16.44			
Yellow Bullhead		I	C	T	3	6.00	4.11			
Green Sunfish	S	I	C	T	1	2.00	1.37			
Bluegill Sunfish	S	I	C	P	6	12.00	8.22			
Pumpkinseed Sunfish	S	I	C	P	1	2.00	1.37			
Johnny Darter	D	I	C		3	6.00	4.11			
Rainbow Darter	D	I	S	M	9	18.00	12.33			
<i>Mile Total</i>					73	146.00				
<i>Number of Species</i>					10					
<i>Number of Hybrids</i>					0					

River Code: 03-138	Stream: Snyder Ditch (Rock Creek)	Sample Date: 2007
River Mile: 0.60	Location: dst. Moore Rd.	Date Range: 07/11/2007
Time Fished: 3600 sec	Drainage: 29.0 sq mi	Thru: 08/16/2007
Dist Fished: 0.30 km	Basin: Grand 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
Redfin Pickerel		P	M	P	2	2.00	1.21	0.09	1.32	47.00
Northern Hog Sucker	R	I	S	M	2	2.00	1.21	0.14	1.90	67.50
White Sucker	W	O	S	T	19	19.00	11.52	2.38	33.38	125.00
Golden Shiner	N	I	M	T	22	22.00	13.33	0.34	4.75	15.36
Creek Chub	N	G	N	T	19	19.00	11.52	0.24	3.41	12.77
Bluntnose Minnow	N	O	C	T	17	17.00	10.30	0.04	0.61	2.55
Yellow Bullhead		I	C	T	35	35.00	21.21	2.20	30.92	62.86
Brown Bullhead		I	C	T	1	1.00	0.61	0.06	0.83	59.00
White Crappie	S	I	C		3	3.00	1.82	0.26	3.65	86.67
Black Crappie	S	I	C		2	2.00	1.21	0.06	0.80	28.50
Largemouth Bass	F	C	C		1	1.00	0.61	0.02	0.24	17.00
Warmouth Sunfish	S	C	C		1	1.00	0.61	0.10	1.38	98.00
Green Sunfish	S	I	C	T	5	5.00	3.03	0.09	1.22	17.40
Bluegill Sunfish	S	I	C	P	19	19.00	11.52	0.69	9.75	36.53
Yellow Perch			M		8	8.00	4.85	0.38	5.27	46.88
Blackside Darter	D	I	S		6	6.00	3.64	0.02	0.30	3.50
Logperch	D	I	S	M	1	1.00	0.61	0.02	0.25	18.00
Johnny Darter	D	I	C		2	2.00	1.21	0.00	0.01	0.50
<i>Mile Total</i>					165	165.00		7.12		
<i>Number of Species</i>					18					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-140	Stream: Hoskins Creek	Sample Date: 2007
River Mile: 4.90	Location:	Date Range: 06/21/2007
Time Fished: 1080 sec	Drainage: 5.7 sq mi	
Dist Fished: 0.13 km	Basin: Grand River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Redfin Pickerel		P	M	P	1	2.31	0.42			
White Sucker	W	O	S	T	9	20.77	3.78			
Western Blacknose Dace	N	G	S	T	34	78.46	14.29			
Creek Chub	N	G	N	T	92	212.31	38.66			
Bluntnose Minnow	N	O	C	T	1	2.31	0.42			
Central Stoneroller	N	H	N		16	36.92	6.72			
Yellow Bullhead		I	C	T	3	6.92	1.26			
Largemouth Bass	F	C	C		1	2.31	0.42			
Green Sunfish	S	I	C	T	3	6.92	1.26			
Mottled Sculpin		I	C		78	180.00	32.77			
<i>Mile Total</i>					238	549.23				
<i>Number of Species</i>					10					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-140 River Mile: 2.00 Time Fished: 1800 sec Dist Fished: 0.15 km	Stream: Hoskins Creek Location: Drainage: 13.5 sq mi Basin: Grand River	Sample Date: 2007 Date Range: 06/21/2007 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
Northern Hog Sucker	R	I	S	M	9	18.00	1.20			
Western Blacknose Dace	N	G	S	T	192	384.00	25.57			
Creek Chub	N	G	N	T	106	212.00	14.11			
Bluntnose Minnow	N	O	C	T	10	20.00	1.33			
Central Stoneroller	N	H	N		120	240.00	15.98			
Green Sunfish	S	I	C	T	2	4.00	0.27			
Blackside Darter	D	I	S		3	6.00	0.40			
Greenside Darter	D	I	S	M	7	14.00	0.93			
Rainbow Darter	D	I	S	M	32	64.00	4.26			
Fantail Darter	D	I	C		80	160.00	10.65			
Mottled Sculpin		I	C		190	380.00	25.30			
<i>Mile Total</i>					751	1,502.00				
<i>Number of Species</i>					11					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-141	Stream: Indian Creek	Sample Date: 2007
River Mile: 1.30	Location: Montgomery Rd.	Date Range: 06/27/2007
Time Fished: 1800 sec	Drainage: 3.9 sq mi	
Dist Fished: 0.15 km	Basin: Grand River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Redfin Pickerel		P	M	P	1	2.00	0.24			
Northern Hog Sucker	R	I	S	M	4	8.00	0.95			
White Sucker	W	O	S	T	6	12.00	1.43			
Western Blacknose Dace	N	G	S	T	79	158.00	18.85			
Creek Chub	N	G	N	T	99	198.00	23.63			
Redside Dace	N	I	S	I	5	10.00	1.19			
Striped Shiner	N	I	S		6	12.00	1.43			
Common Shiner	N	I	S		2	4.00	0.48			
Bluntnose Minnow	N	O	C	T	9	18.00	2.15			
Central Stoneroller	N	H	N		24	48.00	5.73			
Yellow Bullhead		I	C	T	2	4.00	0.48			
Brown Bullhead		I	C	T	1	2.00	0.24			
Green Sunfish	S	I	C	T	10	20.00	2.39			
Bluegill Sunfish	S	I	C	P	1	2.00	0.24			
Blackside Darter	D	I	S		2	4.00	0.48			
Johnny Darter	D	I	C		1	2.00	0.24			
Rainbow Darter	D	I	S	M	8	16.00	1.91			
Fantail Darter	D	I	C		6	12.00	1.43			
Mottled Sculpin		I	C		153	306.00	36.52			
<i>Mile Total</i>					419	838.00				
<i>Number of Species</i>					19					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-144	Stream: Trib. to Hoskins Creek (RM 2.45)	Sample Date: 2007
River Mile: 0.55	Location: oil well road off Mead Hollow Rd.	Date Range: 09/26/2007
Time Fished: 3075 sec	Drainage: 2.5 sq mi	
Dist Fished: 0.12 km	Basin: Grand River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
White Sucker	W	O	S	T	5	12.50	2.02			
Western Blacknose Dace	N	G	S	T	59	147.50	23.79			
Creek Chub	N	G	N	T	119	297.50	47.98			
Central Stoneroller	N	H	N		20	50.00	8.06			
Largemouth Bass	F	C	C		1	2.50	0.40			
Fantail Darter	D	I	C		1	2.50	0.40			
Mottled Sculpin		I	C		43	107.50	17.34			
<i>Mile Total</i>					248	620.00				
<i>Number of Species</i>					7					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-150	Stream: Phelps Creek	Sample Date: 2007
River Mile: 5.10	Location: U.S. Rt. 322	Date Range: 06/28/2007
Time Fished: 3600 sec	Drainage: 23.5 sq mi	Thru: 08/16/2007
Dist Fished: 0.35 km	Basin: Grand 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
Northern Hog Sucker	R	I	S	M	7	6.50	0.84	0.21	3.22	32.14
White Sucker	W	O	S	T	95	83.00	10.71	1.92	29.43	23.69
Golden Shiner	N	I	M	T	1	0.75	0.10	0.00	0.04	3.00
Western Blacknose Dace	N	G	S	T	65	55.50	7.16	0.16	2.42	2.97
Creek Chub	N	G	N	T	141	128.00	16.51	1.49	22.81	12.24
Redside Dace	N	I	S	I	1	0.75	0.10	0.01	0.11	9.00
Striped Shiner	N	I	S		8	7.75	1.00	0.03	0.42	4.00
Common Shiner	N	I	S		9	6.75	0.87	0.07	1.10	10.56
Silverjaw Minnow	N	I	M		6	6.00	0.77	0.01	0.09	1.00
Bluntnose Minnow	N	O	C	T	50	46.00	5.93	0.19	2.97	4.12
Central Stoneroller	N	H	N		353	308.50	39.79	1.66	25.40	5.33
Yellow Bullhead		I	C	T	3	2.75	0.35	0.08	1.30	31.00
Largemouth Bass	F	C	C		4	3.50	0.45	0.01	0.20	3.50
Green Sunfish	S	I	C	T	9	8.75	1.13	0.17	2.66	19.56
Bluegill Sunfish	S	I	C	P	3	3.00	0.39	0.14	2.15	46.67
Pumpkinseed Sunfish	S	I	C	P	1	0.75	0.10	0.01	0.12	10.00
Johnny Darter	D	I	C		28	27.25	3.51	0.02	0.32	0.79
Greenside Darter	D	I	S	M	2	1.50	0.19	0.01	0.13	5.50
Rainbow Darter	D	I	S	M	28	23.50	3.03	0.04	0.54	1.54
Fantail Darter	D	I	C		1	0.75	0.10	0.00	0.02	2.00
Mottled Sculpin		I	C		65	54.00	6.97	0.30	4.57	5.55
<i>Mile Total</i>					880	775.25		6.52		
<i>Number of Species</i>					21					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-150	Stream: Phelps Creek	Sample Date: 2007
River Mile: 1.20	Location: Windsor Rd.	Date Range: 07/12/2007
Time Fished: 3600 sec	Drainage: 25.8 sq mi	Thru: 08/15/2007
Dist Fished: 0.22 km	Basin: Grand 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
North Brook Lamprey [E]		F	N R	3	4.09	1.09	0.02	0.45	5.00
Amer Brook Lamprey		F	N R	8	10.91	2.91	0.07	1.45	6.00
Central Mudminnow		I	C T	1	1.36	0.36	0.00	0.09	3.00
Redfin Pickerel		P	M P	1	1.36	0.36	0.08	1.75	58.00
Golden Redhorse	R	I	S M	3	4.09	1.09	0.51	11.35	125.00
Northern Hog Sucker	R	I	S M	18	24.55	6.55	1.06	23.58	43.28
White Sucker	W	O	S T	6	8.18	2.18	0.59	13.16	72.50
Golden Shiner	N	I	M T	2	2.73	0.73	0.01	0.18	3.00
Creek Chub	N	G	N T	28	38.18	10.18	0.35	7.75	9.15
Rosyface Shiner	N	I	S I	1	1.36	0.36	0.00	0.03	1.00
Redfin Shiner	N	I	N	6	8.18	2.18	0.03	0.72	4.00
Striped Shiner	N	I	S	16	21.82	5.82	0.10	2.27	4.69
Spotfin Shiner	N	I	M	1	1.36	0.36	0.00	0.06	2.00
Silverjaw Minnow	N	I	M	31	42.27	11.27	0.11	2.49	2.65
Bluntnose Minnow	N	O	C T	57	77.73	20.73	0.19	4.23	2.45
Central Stoneroller	N	H	N	5	6.82	1.82	0.01	0.16	1.00
Yellow Bullhead		I	C T	3	4.09	1.09	0.96	21.22	233.67
Brindled Madtom		I	C I	1	1.36	0.36	0.01	0.28	9.00
Rock Bass	S	C	C	4	5.46	1.45	0.13	2.85	23.50
Green Sunfish	S	I	C T	4	5.46	1.45	0.09	2.03	16.75
Bluegill Sunfish	S	I	C P	1	1.36	0.36	0.02	0.33	11.00
Blackside Darter	D	I	S	22	30.00	8.00	0.06	1.33	2.00
Logperch	D	I	S M	3	4.09	1.09	0.02	0.42	4.67
Johnny Darter	D	I	C	39	53.18	14.18	0.04	0.93	0.79
Greenside Darter	D	I	S M	9	12.27	3.27	0.03	0.71	2.64
Mottled Sculpin		I	C	2	2.73	0.73	0.01	0.18	3.00
<i>Mile Total</i>				275	375.00		4.51		
<i>Number of Species</i>				26					
<i>Number of Hybrids</i>				0					

Species List

River Code: 03-151	Stream: North Branch Phelps Creek	Sample Date: 2007
River Mile: 0.90	Location:	Date Range: 06/27/2007
Time Fished: 1320 sec	Drainage: 6.3 sq mi	
Dist Fished: 0.10 km	Basin: Grand 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	26	78.00	14.05			
Creek Chub	N	G	N	T	55	165.00	29.73			
Striped Shiner	N	I	S		1	3.00	0.54			
Common Shiner	N	I	S		13	39.00	7.03			
Bluntnose Minnow	N	O	C	T	2	6.00	1.08			
Central Stoneroller	N	H	N		28	84.00	15.14			
Yellow Bullhead		I	C	T	1	3.00	0.54			
Largemouth Bass	F	C	C		1	3.00	0.54			
Green Sunfish	S	I	C	T	14	42.00	7.57			
Pumpkinseed Sunfish	S	I	C	P	6	18.00	3.24			
Johnny Darter	D	I	C		2	6.00	1.08			
Rainbow Darter	D	I	S	M	23	69.00	12.43			
Fantail Darter	D	I	C		13	39.00	7.03			
<i>Mile Total</i>					185	555.00				
<i>Number of Species</i>					13					
<i>Number of Hybrids</i>					0					

River Code: 03-152	Stream: South Branch Phelps Creek	Sample Date: 2007
River Mile: 5.10	Location:	Date Range: 06/28/2007
Time Fished: 1800 sec	Drainage: 4.7 sq mi	
Dist Fished: 0.10 km	Basin: Grand 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	3.00	0.50			
Redfin Pickerel		P	M	P	1	3.00	0.50			
Creek Chub	N	G	N	T	62	186.00	30.85			
Striped Shiner	N	I	S		4	12.00	1.99			
Common Shiner	N	I	S		1	3.00	0.50			
Central Stoneroller	N	H	N		74	222.00	36.82			
Yellow Bullhead		I	C	T	8	24.00	3.98			
Green Sunfish	S	I	C	T	5	15.00	2.49			
Bluegill Sunfish	S	I	C	P	10	30.00	4.98			
Pumpkinseed Sunfish	S	I	C	P	8	24.00	3.98			
Rainbow Darter	D	I	S	M	27	81.00	13.43			
	<i>Mile Total</i>				201	603.00				
	<i>Number of Species</i>				11					
	<i>Number of Hybrids</i>				0					

Species List

River Code: 03-152	Stream: South Branch Phelps Creek	Sample Date: 2007
River Mile: 0.50	Location:	Date Range: 06/27/2007
Time Fished: 1860 sec	Drainage: 11.8 sq mi	
Dist Fished: 0.15 km	Basin: Grand River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Northern Hog Sucker	R	I	S	M	2	4.00	0.32			
White Sucker	W	O	S	T	55	110.00	8.91			
Creek Chub	N	G	N	T	32	64.00	5.19			
Redside Dace	N	I	S	I	1	2.00	0.16			
Striped Shiner	N	I	S		11	22.00	1.78			
Common Shiner	N	I	S		43	86.00	6.97			
Bluntnose Minnow	N	O	C	T	23	46.00	3.73			
Central Stoneroller	N	H	N		364	728.00	59.00			
Yellow Bullhead		I	C	T	5	10.00	0.81			
Green Sunfish	S	I	C	T	7	14.00	1.13			
Bluegill Sunfish	S	I	C	P	2	4.00	0.32			
Pumpkinseed Sunfish	S	I	C	P	16	32.00	2.59			
Hybrid X Sunfish					1	2.00	0.16			
Johnny Darter	D	I	C		6	12.00	0.97			
Rainbow Darter	D	I	S	M	49	98.00	7.94			
<i>Mile Total</i>					617	1,234.00				
<i>Number of Species</i>					14					
<i>Number of Hybrids</i>					1					

Species List

River Code: 03-160	Stream: Swine Creek	Sample Date: 2007
River Mile: 10.40	Location:	Date Range: 06/28/2007
Time Fished: 1800 sec	Drainage: 6.5 sq mi	
Dist Fished: 0.15 km	Basin: Grand River	No of Passes: 1
		Sampler Type: E

Species Name / ODNR status	IBI Grp	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave(gm) Weight
Northern Hog Sucker	R	I	S	M	3	6.00	0.62			
White Sucker	W	O	S	T	12	24.00	2.49			
Western Blacknose Dace	N	G	S	T	59	118.00	12.24			
Creek Chub	N	G	N	T	69	138.00	14.32			
Striped Shiner	N	I	S		44	88.00	9.13			
Common Shiner	N	I	S		1	2.00	0.21			
Silverjaw Minnow	N	I	M		1	2.00	0.21			
Bluntnose Minnow	N	O	C	T	2	4.00	0.41			
Central Stoneroller	N	H	N		99	198.00	20.54			
Bluegill Sunfish	S	I	C	P	1	2.00	0.21			
Pumpkinseed Sunfish	S	I	C	P	2	4.00	0.41			
Johnny Darter	D	I	C		1	2.00	0.21			
Rainbow Darter	D	I	S	M	85	170.00	17.63			
Fantail Darter	D	I	C		11	22.00	2.28			
Mottled Sculpin		I	C		92	184.00	19.09			
<i>Mile Total</i>					482	964.00				
<i>Number of Species</i>					15					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-160	Stream: Swine Creek	Sample Date: 2007
River Mile: 8.20	Location:	Date Range: 06/28/2007
Time Fished: 1800 sec	Drainage: 11.8 sq mi	
Dist Fished: 0.15 km	Basin: Grand 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
Amer Brook Lamprey		F	N	R	1	2.00	0.36			
Northern Hog Sucker	R	I	S	M	16	32.00	5.80			
White Sucker	W	O	S	T	15	30.00	5.43			
Western Blacknose Dace	N	G	S	T	13	26.00	4.71			
Creek Chub	N	G	N	T	47	94.00	17.03			
Striped Shiner	N	I	S		28	56.00	10.14			
Common Shiner	N	I	S		25	50.00	9.06			
Silverjaw Minnow	N	I	M		3	6.00	1.09			
Bluntnose Minnow	N	O	C	T	20	40.00	7.25			
Central Stoneroller	N	H	N		30	60.00	10.87			
Rock Bass	S	C	C		1	2.00	0.36			
Green Sunfish	S	I	C	T	17	34.00	6.16			
Bluegill Sunfish	S	I	C	P	2	4.00	0.72			
Blackside Darter	D	I	S		1	2.00	0.36			
Johnny Darter	D	I	C		11	22.00	3.99			
Rainbow Darter	D	I	S	M	35	70.00	12.68			
Fantail Darter	D	I	C		5	10.00	1.81			
Mottled Sculpin		I	C		6	12.00	2.17			
<i>Mile Total</i>					276	552.00				
<i>Number of Species</i>					18					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-160	Stream: Swine Creek	Sample Date: 2007
River Mile: 1.70	Location:	Date Range: 07/12/2007
Time Fished: 1800 sec	Drainage: 18.0 sq mi	
Dist Fished: 0.15 km	Basin: Grand 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
Amer Brook Lamprey		F	N	R	5	10.00	1.95			
Redfin Pickerel		P	M	P	2	4.00	0.78			
Golden Redhorse	R	I	S	M	32	64.00	12.45			
Northern Hog Sucker	R	I	S	M	21	42.00	8.17			
White Sucker	W	O	S	T	43	86.00	16.73			
Creek Chub	N	G	N	T	23	46.00	8.95			
Striped Shiner	N	I	S		14	28.00	5.45			
Common Shiner	N	I	S		23	46.00	8.95			
Silverjaw Minnow	N	I	M		7	14.00	2.72			
Bluntnose Minnow	N	O	C	T	27	54.00	10.51			
Central Stoneroller	N	H	N		3	6.00	1.17			
Rock Bass	S	C	C		19	38.00	7.39			
Green Sunfish	S	I	C	T	13	26.00	5.06			
Pumpkinseed Sunfish	S	I	C	P	3	6.00	1.17			
Blackside Darter	D	I	S		13	26.00	5.06			
Johnny Darter	D	I	C		7	14.00	2.72			
Greenside Darter	D	I	S	M	2	4.00	0.78			
<i>Mile Total</i>					257	514.00				
<i>Number of Species</i>					17					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-162	Stream: Andrews Creek	Sample Date: 2007
River Mile: 3.60	Location:	Date Range: 06/28/2007
Time Fished: 1800 sec	Drainage: 4.8 sq mi	
Dist Fished: 0.10 km	Basin: Grand 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
Amer Brook Lamprey		F	N	R	2	6.00	0.34			
White Sucker	W	O	S	T	76	228.00	12.97			
Western Blacknose Dace	N	G	S	T	24	72.00	4.10			
Creek Chub	N	G	N	T	142	426.00	24.23			
Striped Shiner	N	I	S		1	3.00	0.17			
Common Shiner	N	I	S		28	84.00	4.78			
Silverjaw Minnow	N	I	M		16	48.00	2.73			
Bluntnose Minnow	N	O	C	T	175	525.00	29.86			
Central Stoneroller	N	H	N		61	183.00	10.41			
Yellow Bullhead		I	C	T	1	3.00	0.17			
Rock Bass	S	C	C		9	27.00	1.54			
Green Sunfish	S	I	C	T	2	6.00	0.34			
Pumpkinseed Sunfish	S	I	C	P	1	3.00	0.17			
Johnny Darter	D	I	C		23	69.00	3.92			
Rainbow Darter	D	I	S	M	16	48.00	2.73			
Fantail Darter	D	I	C		9	27.00	1.54			
<i>Mile Total</i>					586	1,758.00				
<i>Number of Species</i>					16					
<i>Number of Hybrids</i>					0					

Species List

River Code: 03-163	Stream: Plum Creek	Sample Date: 2007
River Mile: 1.50	Location: Girdle Rd.	Date Range: 07/10/2007
Time Fished: 3900 sec	Drainage: 1.3 sq mi	
Dist Fished: 0.10 km	Basin: Grand 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	4	12.00	4.35			
White Sucker	W	O	S	T	12	36.00	13.04			
Western Blacknose Dace	N	G	S	T	15	45.00	16.30			
Creek Chub	N	G	N	T	38	114.00	41.30			
Common Shiner	N	I	S		9	27.00	9.78			
Bluntnose Minnow	N	O	C	T	1	3.00	1.09			
Central Stoneroller	N	H	N		1	3.00	1.09			
Green Sunfish	S	I	C	T	2	6.00	2.17			
Bluegill Sunfish	S	I	C	P	2	6.00	2.17			
Pumpkinseed Sunfish	S	I	C	P	1	3.00	1.09			
Johnny Darter	D	I	C		7	21.00	7.61			
<i>Mile Total</i>					92	276.00				
<i>Number of Species</i>					11					
<i>Number of Hybrids</i>					0					

Appendix 3

Macroinvertebrate Community Data

Upper Grand River Basin 2007

River Mile	Drainage Area (sq mi)	Number of				Percent:					Qual. EPT	Eco-region	ICI
		Total Taxa	Mayfly Taxa	Caddisfly Taxa	Dipteran Taxa	Mayflies	Caddisflies	Tanytarsini	Other Dipt/NI	Tolerant Organisms			
Grand River (03-001)													
Year: 2007													
88.50	32.1	41(6)	8(6)	2(4)	24(6)	27.1(6)	9.0(6)	30.8(6)	29.7(4)	7.4(4)	13(6)	3	54
65.88	210.0	30(4)	5(2)	4(4)	13(4)	42.0(6)	10.6(2)	28.7(4)	16.6(6)	3.0(6)	9(2)	3	40
60.80	222.0	27(4)	7(4)	2(2)	11(2)	35.9(6)	27.8(6)	14.2(2)	19.6(6)	1.6(6)	10(2)	3	40
55.62	251.0	32(4)	8(4)	2(2)	14(4)	13.9(2)	4.6(2)	45.9(6)	34.5(4)	6.2(4)	13(4)	3	36
49.45	361.0	36(6)	7(4)	7(6)	14(4)	20.7(4)	14.8(4)	42.5(6)	21.4(6)	1.7(6)	23(6)	3	52
45.90	382.0	31(4)	8(4)	4(4)	11(4)	40.5(6)	14.6(4)	33.0(6)	9.8(6)	3.0(6)	15(4)	3	48
Trumbull Creek (03-013)													
Year: 2007													
2.05	19.6	46(6)	6(4)	3(6)	29(6)	1.3(2)	1.0(2)	66.3(6)	29.4(4)	7.2(6)	21(6)	3	48
Baughman Creek (03-022)													
Year: 2007													
3.30	15.5	42(6)	8(6)	6(6)	16(4)	32.7(6)	4.4(6)	53.4(6)	7.8(6)	0.2(6)	19(6)	3	58
Rock Creek (03-130)													
Year: 2007													
1.23	70.0	33(4)	6(4)	4(6)	17(4)	14.2(2)	23.2(6)	21.6(4)	40.1(4)	5.5(6)	13(4)	3	44
0.95	70.0	34(4)	5(2)	4(6)	19(4)	8.2(2)	31.0(6)	22.1(4)	36.9(4)	2.7(6)	14(6)	3	44
Snyder Ditch (Rock Creek) (03-138)													
Year: 2007													
0.60	29.0	46(6)	4(2)	4(6)	25(6)	47.9(6)	11.4(6)	4.1(2)	29.1(4)	11.7(4)	10(4)	3	46
Phelps Creek (03-150)													
Year: 2007													
1.23	25.7	45(6)	10(6)	5(6)	21(6)	27.1(6)	8.2(6)	41.1(6)	22.0(6)	0.5(6)	19(6)	3	60

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

Site: Grand River

Collection Date: 07/02/2007 River Code: 03-001 RM: 98.95

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	74100	<i>Simulium sp</i>	+
03360	<i>Plumatella sp</i>	+	77800	<i>Helopelopia sp</i>	+
03600	<i>Oligochaeta</i>	+	78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+
04664	<i>Helobdella stagnalis</i>	+	79761	<i>Pagastia orthogonia</i>	+
05800	<i>Caecidotea sp</i>	+	80310	<i>Cardiocladius obscurus</i>	+
06201	<i>Hyalella azteca</i>	+	80410	<i>Cricotopus (C.) sp</i>	+
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	81650	<i>Parametriocnemus sp</i>	+
08601	<i>Hydrachnidia</i>	+	82820	<i>Cryptochironomus sp</i>	+
11115	<i>Baetis tricaudatus</i>	+	83040	<i>Dicrotendipes neomodestus</i>	+
11120	<i>Baetis flavistriga</i>	+	83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+	83840	<i>Microtendipes pedellus group</i>	+
12200	<i>Isonychia sp</i>	+	84200	<i>Paratendipes sp</i>	+
13400	<i>Stenacron sp</i>	+	84300	<i>Phaenopsectra obediens group</i>	+
13530	<i>Maccaffertium ithaca</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	+
14700	<i>Habrophlebiodes sp</i>	+	84460	<i>Polypedilum (P.) fallax group</i>	+
18630	<i>Ephemera varia</i>	+	84480	<i>Polypedilum (P.) laetum group</i>	+
21200	<i>Calopteryx sp</i>	+	84750	<i>Stictochironomus sp</i>	+
23905	<i>Boyeria grafiana</i>	+	85400	<i>Micropsectra sp</i>	+
25510	<i>Stylogomphus albistylus</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	+
33100	<i>Leuctra sp</i>	+	85625	<i>Rheotanytarsus sp</i>	+
34120	<i>Acroneuria carolinensis</i>	+	85800	<i>Tanytarsus sp</i>	+
34500	<i>Perlesta placida complex</i>	+	85840	<i>Tanytarsus sepp</i>	+
45300	<i>Sigara sp</i>	+	95100	<i>Physella sp</i>	+
47600	<i>Sialis sp</i>	+			
50301	<i>Chimarra aterrima</i>	+			
51400	<i>Nyctiophylax sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 67
52200	<i>Cheumatopsyche sp</i>	+	No. Qualitative Taxa: 67		ICI:
52315	<i>Diplectrona modesta</i>	+	Number of Organisms: 0		Qual EPT: 24
52430	<i>Ceratopsyche morosa group</i>	+			
52440	<i>Ceratopsyche slossonae</i>	+			
52450	<i>Ceratopsyche sparna</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>	+			
58505	<i>Helicopsyche borealis</i>	+			
68075	<i>Psephenus herricki</i>	+			
68601	<i>Ancyronyx variegata</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69400	<i>Stenelmis sp</i>	+			
70600	<i>Antocha sp</i>	+			
71100	<i>Hexatoma sp</i>	+			
71800	<i>Pseudolimnophila sp</i>	+			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Site: Grand River

Collection Date: 07/02/2007 River Code: 03-001 RM: 95.38

U.S. Rt. 422

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	80420	<i>Cricotopus (C.) bicinctus</i>	+
01801	<i>Turbellaria</i>	+	81650	<i>Parametrioctenus sp</i>	+
03360	<i>Plumatella sp</i>	+	81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	+
03600	<i>Oligochaeta</i>	+	82820	<i>Cryptochironomus sp</i>	+
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	83840	<i>Microtendipes pedellus group</i>	+
08601	<i>Hydrachnidia</i>	+	84210	<i>Paratendipes albimanus or P. duplicatus</i>	+
11014	<i>Acentrella turbida</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	+
11120	<i>Baetis flavistriga</i>	+	84480	<i>Polypedilum (P.) laetum group</i>	+
11130	<i>Baetis intercalaris</i>	+	84750	<i>Stictochironomus sp</i>	+
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+	85261	<i>Cladotanytarsus vanderwulpi group Type 1</i>	+
12200	<i>Isonychia sp</i>	+	85625	<i>Rheotanytarsus sp</i>	+
13521	<i>Stenonema femoratum</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
13590	<i>Maccaffertium vicarium</i>	+	85840	<i>Tanytarsus sepp</i>	+
15000	<i>Paraleptophlebia sp</i>	+	86401	<i>Atherix lantha</i>	+
17200	<i>Caenis sp</i>	+	87540	<i>Hemerodromia sp</i>	+
23909	<i>Boyeria vinosa</i>	+	96900	<i>Ferrissia sp</i>	+
33100	<i>Leuctra sp</i>	+			
47600	<i>Sialis sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 60
50301	<i>Chimarra aterrima</i>	+	No. Qualitative Taxa: 60		ICI:
50315	<i>Chimarra obscura</i>	+	Number of Organisms: 0		Qual EPT: 21
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52430	<i>Ceratopsyche morosa group</i>	+			
52450	<i>Ceratopsyche sparna</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53501	<i>Hydroptilidae</i>	+			
54000	<i>Leucotrichia pictipes</i>	+			
57400	<i>Neophylax sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
60300	<i>Dineutus sp</i>	+			
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
69400	<i>Stenelmis sp</i>	+			
71100	<i>Hexatoma sp</i>	+			
71910	<i>Tipula abdominalis</i>	+			
74100	<i>Simulium sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77500	<i>Conchapelopia sp</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	+			
77800	<i>Helopelopia sp</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
80305	<i>Cardiocladius albiplumus</i>	+			
80310	<i>Cardiocladius obscurus</i>	+			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Site: Grand River

Collection Date: 07/02/2007 River Code: 03-001 RM: 94.27

Hobart Rd.

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	+	82220	<i>Tvetenia discoloripes group</i>	+
03600	<i>Oligochaeta</i>	+	82820	<i>Cryptochironomus sp</i>	+
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+
08601	<i>Hydrachnidia</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	+
11014	<i>Acentrella turbida</i>	+	84460	<i>Polypedilum (P.) fallax group</i>	+
11120	<i>Baetis flavistriga</i>	+	84480	<i>Polypedilum (P.) laetum group</i>	+
11130	<i>Baetis intercalaris</i>	+	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+
12200	<i>Isonychia sp</i>	+	84700	<i>Stenochironomus sp</i>	+
13400	<i>Stenacron sp</i>	+	85261	<i>Cladotanytarsus vanderwulpi group Type 1</i>	+
13521	<i>Stenonema femoratum</i>	+	85625	<i>Rheotanytarsus sp</i>	+
13561	<i>Maccaffertium pulchellum</i>	+	85840	<i>Tanytarsus sepp</i>	+
13590	<i>Maccaffertium vicarium</i>	+	86401	<i>Atherix lantha</i>	+
17200	<i>Caenis sp</i>	+	95100	<i>Physella sp</i>	+
18704	<i>Hexagenia atrocaudata</i>	+			
22300	<i>Argia sp</i>	+			
23909	<i>Boyeria vinosa</i>	+	No. Quantitative Taxa: 0		Total Taxa: 57
25510	<i>Stylogomphus albistylus</i>	+	No. Qualitative Taxa: 57		ICI:
33100	<i>Leuctra sp</i>	+	Number of Organisms: 0		Qual EPT: 20
47600	<i>Sialis sp</i>	+			
48620	<i>Nigronia serricornis</i>	+			
50301	<i>Chimarra aterrima</i>	+			
50315	<i>Chimarra obscura</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52430	<i>Ceratopsyche morosa group</i>	+			
52450	<i>Ceratopsyche sparna</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53501	<i>Hydroptilidae</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
60300	<i>Dineutus sp</i>	+			
61400	<i>Agabus sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68130	<i>Helichus sp</i>	+			
69250	<i>Optioservus ovalis</i>	+			
69400	<i>Stenelmis sp</i>	+			
71100	<i>Hexatoma sp</i>	+			
74100	<i>Simulium sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	+			
77800	<i>Helopelopia sp</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
80204	<i>Brillia flavifrons group</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			

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

Site: Grand River

Collection Date: 08/28/2007 River Code: 03-001 RM: 88.50

dst. Wood Curtis Rd.

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	82300	<i>Xylotopus par</i>	+
03360	<i>Plumatella sp</i>	1	82820	<i>Cryptochironomus sp</i>	9
03600	<i>Oligochaeta</i>	24 +	83040	<i>Dicrotendipes neomodestus</i>	18
04685	<i>Placobdella ornata</i>	+	83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+
08240	<i>Orconectes (Crockerinus) propinquus</i>	+			
08601	<i>Hydrachnidia</i>	8	83840	<i>Microtendipes pedellus group</i>	18
11130	<i>Baetis intercalaris</i>	10 +	84155	<i>Paralauterborniella nigrohalteralis</i>	+
11670	<i>Procloeon viridoculare</i>	+	84210	<i>Paratendipes albimanus or P. duplicatus</i>	9
12200	<i>Isonychia sp</i>	1	84450	<i>Polypedilum (Uresipedilum) flavum</i>	18 +
13400	<i>Stenacron sp</i>	10 +	84460	<i>Polypedilum (P.) fallax group</i>	54
13521	<i>Stenonema femoratum</i>	1 +	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	9 +
13561	<i>Maccaffertium pulchellum</i>	194 +	84700	<i>Stenochironomus sp</i>	+
13590	<i>Maccaffertium vicarium</i>	3	84888	<i>Xenochironomus xenolabis</i>	+
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	281 +	85230	<i>Cladotanytarsus mancus group</i>	18 +
17200	<i>Caenis sp</i>	4 +	85264	<i>Cladotanytarsus vanderwulpi group Type 4</i>	+
17600	<i>Baetisca sp</i>	+	85500	<i>Paratanytarsus sp</i>	45
18750	<i>Hexagenia limbata</i>	+	85625	<i>Rheotanytarsus sp</i>	143 +
21200	<i>Calopteryx sp</i>	+	85800	<i>Tanytarsus sp</i>	27 +
22300	<i>Argia sp</i>	3 +	85802	<i>Tanytarsus curticornis</i>	98
23909	<i>Boyeria vinosa</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	215 +
25010	<i>Hagenius brevistylus</i>	+	85840	<i>Tanytarsus sepp</i>	27
25600	<i>Stylurus sp</i>	+	87540	<i>Hemerodromia sp</i>	24
45100	<i>Palmacorixa sp</i>	+	87601	<i>Dolichopodidae</i>	+
45300	<i>Sigara sp</i>	+	92516	<i>Campeloma decisum</i>	+
50804	<i>Lype diversa</i>	16 +	96900	<i>Ferrissia sp</i>	60
52200	<i>Cheumatopsyche sp</i>	152 +	98600	<i>Sphaerium sp</i>	+
52530	<i>Hydropsyche depravata group</i>	+	99100	<i>Pyganodon grandis</i>	+
57900	<i>Pycnopsyche sp</i>	+	99180	<i>Strophitus undulatus undulatus</i>	+
68130	<i>Helichus sp</i>	+	99440	<i>Fusconaia flava</i>	+
68700	<i>Dubiraphia sp</i>	16	99620	<i>Obovaria subrotunda</i>	+
68901	<i>Macronychus glabratus</i>	45 +	99860	<i>Lampsilis radiata luteola</i>	+
69400	<i>Stenelmis sp</i>	+	99880	<i>Lampsilis cardium</i>	+
71100	<i>Hexatoma sp</i>	2			
74100	<i>Simulium sp</i>	+	No. Quantitative Taxa: 41		Total Taxa: 75
74501	<i>Ceratopogonidae</i>	+	No. Qualitative Taxa: 52		ICI: 54
77120	<i>Ablabesmyia mallochi</i>	27	Number of Organisms: 1861		Qual EPT: 13
77500	<i>Conchapelopia sp</i>	9			
78140	<i>Labrundinia pilosella</i>	4 +			
80370	<i>Corynoneura lobata</i>	180			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	18			
81270	<i>Nanocladius (N.) spinipenus</i>	9			
81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	27			
82121	<i>Thienemanniella lobapodema</i>	24			
82141	<i>Thienemanniella xena</i>	+			

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

Site: Grand River

Collection Date: 08/30/2007 River Code: 03-001 RM: 75.58

County Line Donley Rd.

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+			
03600	<i>Oligochaeta</i>	+	No. Quantitative Taxa: 0		Total Taxa: 43
06201	<i>Hyaella azteca</i>	+	No. Qualitative Taxa: 43		ICI:
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	Number of Organisms: 0		Qual EPT: 9
11020	<i>Acerpenna pygmaea</i>	+			
11130	<i>Baetis intercalaris</i>	+			
11150	<i>Pseudocloeon propinquum</i>	+			
11670	<i>Procloeon viridoculare</i>	+			
13400	<i>Stenacron sp</i>	+			
21200	<i>Calopteryx sp</i>	+			
22300	<i>Argia sp</i>	+			
24900	<i>Gomphus sp</i>	+			
45100	<i>Palmacorixa sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
45900	<i>Notonecta sp</i>	+			
47600	<i>Sialis sp</i>	+			
48620	<i>Nigronia serricornis</i>	+			
50804	<i>Lype diversa</i>	+			
51400	<i>Nyctiophylax sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
63300	<i>Hydroporini</i>	+			
68700	<i>Dubiraphia sp</i>	+			
68901	<i>Macronychus glabratus</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
80370	<i>Corynoneura lobata</i>	+			
81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
82885	<i>Cryptotendipes pseudotener</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
84155	<i>Paralauterborniella nigrohalteralis</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84700	<i>Stenochironomus sp</i>	+			
85264	<i>Cladotanytarsus vanderwulpi group Type 4</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85615	<i>Rheotanytarsus pellucidus</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85802	<i>Tanytarsus curticornis</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
96900	<i>Ferrissia sp</i>	+			
98600	<i>Sphaerium sp</i>	+			
99100	<i>Pyganodon grandis</i>	+			

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

Site: Grand River

Collection Date: 08/30/2007 River Code: 03-001 RM: 65.88

U.S. Rt. 322

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	20	85821	<i>Tanytarsus glabrescens group sp 7</i>	5 +
03600	<i>Oligochaeta</i>	12 +	87540	<i>Hemerodromia sp</i>	4 +
06201	<i>Hyaella azteca</i>	+	96900	<i>Ferrissia sp</i>	21
06700	<i>Crangonyx sp</i>	+	98600	<i>Sphaerium sp</i>	+
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	99100	<i>Pyganodon grandis</i>	+
08601	<i>Hydrachnidia</i>	4	99440	<i>Fusconaia flava</i>	+
11020	<i>Acerpenna pygmaea</i>	15 +	99600	<i>Actinonaias ligamentina carinata</i>	+
11130	<i>Baetis intercalaris</i>	184 +	99860	<i>Lampsilis radiata luteola</i>	+
11670	<i>Procloeon viridoculare</i>	+			
12200	<i>Isonychia sp</i>	3	No. Quantitative Taxa: 30		Total Taxa: 52
13400	<i>Stenacron sp</i>	118 +	No. Qualitative Taxa: 41		ICI: 40
13561	<i>Maccaffertium pulchellum</i>	213 +	Number of Organisms: 1270		Qual EPT: 9
21200	<i>Calopteryx sp</i>	+			
22300	<i>Argia sp</i>	4 +			
34130	<i>Acroneuria frisoni</i>	1			
45300	<i>Sigara sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
48620	<i>Nigronia serricornis</i>	3 +			
50315	<i>Chimarra obscura</i>	1			
50804	<i>Lype diversa</i>	7 +			
52200	<i>Cheumatopsyche sp</i>	124 +			
52530	<i>Hydropsyche depravata group</i>	+			
57900	<i>Pycnopsyche sp</i>	2 +			
68130	<i>Helichus sp</i>	+			
68601	<i>Ancyronyx variegata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	20 +			
74100	<i>Simulium sp</i>	+			
77500	<i>Conchapelopia sp</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	5			
78450	<i>Nilotanyus fimbriatus</i>	5 +			
80204	<i>Brillia flavifrons group</i>	+			
80370	<i>Corynoneura lobata</i>	54			
81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	38 +			
83840	<i>Microtendipes pedellus group</i>	11 +			
84155	<i>Paralauterborniella nigrohalteralis</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	16			
84460	<i>Polypedilum (P.) fallax group</i>	5 +			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	16 +			
84700	<i>Stenochironomus sp</i>	+			
85200	<i>Cladotanytarsus sp</i>	+			
85615	<i>Rheotanytarsus pellucidus</i>	5			
85625	<i>Rheotanytarsus sp</i>	321 +			
85802	<i>Tanytarsus curticornis</i>	33			

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

Site: Grand River

Collection Date: 08/30/2007 River Code: 03-001 RM: 60.80

dst. Montgomery Rd.

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	4			
03600	<i>Oligochaeta</i>	8 +	No. Quantitative Taxa: 27		Total Taxa: 42
05800	<i>Caecidotea sp</i>	+	No. Qualitative Taxa: 32		ICI: 40
06201	<i>Hyalella azteca</i>	1	Number of Organisms: 1807		Qual EPT: 10
08240	<i>Orconectes (Crockerinus) propinquus</i>	+			
11020	<i>Acerpenna pygmaea</i>	16 +			
11130	<i>Baetis intercalaris</i>	346 +			
11150	<i>Pseudocloeon propinquum</i>	+			
11670	<i>Procloeon viridoculare</i>	+			
12200	<i>Isonychia sp</i>	1			
13400	<i>Stenacron sp</i>	64 +			
13521	<i>Stenonema femoratum</i>	2			
13561	<i>Maccaffertium pulchellum</i>	215 +			
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	4			
21200	<i>Calopteryx sp</i>	+			
34130	<i>Acroneuria frisoni</i>	1 +			
45400	<i>Trichocorixa sp</i>	+			
47600	<i>Sialis sp</i>	+			
48620	<i>Nigronia serricornis</i>	1 +			
50804	<i>Lype diversa</i>	2 +			
52200	<i>Cheumatopsyche sp</i>	501 +			
57900	<i>Pycnopsyche sp</i>	+			
60300	<i>Dineutus sp</i>	+			
63300	<i>Hydroporini</i>	+			
68901	<i>Macronychus glabratus</i>	42 +			
77500	<i>Conchapelopia sp</i>	10			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	5			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
78450	<i>Nilotanytus fimbriatus</i>	4			
80204	<i>Brillia flavifrons group</i>	+			
80370	<i>Corynoneura lobata</i>	154 +			
81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	68 +			
82121	<i>Thienemanniella lobapodema</i>	4			
83840	<i>Microtendipes pedellus group</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	77 +			
84460	<i>Polypedilum (P.) fallax group</i>	10 +			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
85625	<i>Rheotanytarsus sp</i>	189 +			
85802	<i>Tanytarsus curticornis</i>	44 +			
85821	<i>Tanytarsus glabrescens group sp 7</i>	24 +			
96900	<i>Ferrissia sp</i>	10			
98600	<i>Sphaerium sp</i>	+			

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

Site: Grand River

Collection Date: 08/30/2007 River Code: 03-001 RM: 55.62

U.S. Rt. 6

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	12	84470	<i>Polypedilum (P.) illinoense</i>	+
03600	<i>Oligochaeta</i>	4 +	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	7 +
04687	<i>Placobdella parasitica</i>	+	84700	<i>Stenochironomus sp</i>	+
06201	<i>Hyalella azteca</i>	+	85500	<i>Paratanytarsus sp</i>	7
06700	<i>Crangonyx sp</i>	+	85625	<i>Rheotanytarsus sp</i>	405 +
06810	<i>Gammarus fasciatus</i>	1	85802	<i>Tanytarsus curticornis</i>	30
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	202 +
11020	<i>Acerpenna pygmaea</i>	7 +	86401	<i>Atherix lantha</i>	+
11130	<i>Baetis intercalaris</i>	36 +	87540	<i>Hemerodromia sp</i>	4
11670	<i>Procloeon viridoculare</i>	+	96900	<i>Ferrissia sp</i>	53 +
12200	<i>Isonychia sp</i>	1 +	98600	<i>Sphaerium sp</i>	+
13400	<i>Stenacron sp</i>	52 +			
13521	<i>Stenonema femoratum</i>	9 +	No. Quantitative Taxa: 32		Total Taxa: 55
13561	<i>Maccaffertium pulchellum</i>	82 +	No. Qualitative Taxa: 43		ICI: 36
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	4	Number of Organisms: 1402		Qual EPT: 13
17200	<i>Caenis sp</i>	4			
18600	<i>Ephemera sp</i>	+			
18750	<i>Hexagenia limbata</i>	+			
21200	<i>Calopteryx sp</i>	+			
22300	<i>Argia sp</i>	1 +			
34130	<i>Acroneuria frisoni</i>	3			
45100	<i>Palmacorixa sp</i>	+			
45300	<i>Sigara sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
48620	<i>Nigronia serricornis</i>	2 +			
50804	<i>Lype diversa</i>	1 +			
51400	<i>Nyctiophylax sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	64 +			
57900	<i>Pycnopsyche sp</i>	+			
60400	<i>Gyrinus sp</i>	+			
68901	<i>Macronychus glabratus</i>	8 +			
69400	<i>Stenelmis sp</i>	+			
74100	<i>Simulium sp</i>	+			
77500	<i>Conchapelopia sp</i>	7			
78140	<i>Labrundinia pilosella</i>	36			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
78450	<i>Nilotanytus fimbriatus</i>	28 +			
80204	<i>Brillia flavifrons group</i>	+			
80370	<i>Corynoneura lobata</i>	276			
81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	7 +			
82121	<i>Thienemanniella lobapodema</i>	4			
82820	<i>Cryptochironomus sp</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	15 +			
84460	<i>Polypedilum (P.) fallax group</i>	30 +			

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

Site: Grand River

Collection Date: 08/29/2007 River Code: 03-001 RM: 49.45

upst. Footville-Richmond Rd.

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	1008	77500	<i>Conchapelopia sp</i>	26 +
01801	<i>Turbellaria</i>	+	77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	52 +
03600	<i>Oligochaeta</i>	80 +	77800	<i>Helopelopia sp</i>	+
05800	<i>Caecidotea sp</i>	+	80370	<i>Corynoneura lobata</i>	16
06201	<i>Hyaella azteca</i>	+	80410	<i>Cricotopus (C.) sp</i>	+
06700	<i>Crangonyx sp</i>	+	81240	<i>Nanocladius (N.) distinctus</i>	26
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	+
11020	<i>Acerpenna pygmaea</i>	24 +	82121	<i>Thienemanniella lobapodema</i>	16
11130	<i>Baetis intercalaris</i>	53 +	83300	<i>Glyptotendipes (G.) sp</i>	27 +
11150	<i>Pseudocloeon propinquum</i>	+	83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+
11650	<i>Procloeon sp (w/ hindwing pads)</i>	+	83840	<i>Microtendipes pedellus group</i>	52 +
11670	<i>Procloeon viridoculare</i>	+	84210	<i>Paratendipes albimanus or P. duplicatus</i>	+
12200	<i>Isonychia sp</i>	1 +	84450	<i>Polypedilum (Uresipedilum) flavum</i>	+
13400	<i>Stenacron sp</i>	119 +	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+
13521	<i>Stenonema femoratum</i>	+	84700	<i>Stenochironomus sp</i>	+
13561	<i>Maccaffertium pulchellum</i>	1043 +	84790	<i>Tribelos fuscicorne</i>	+
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	80 +	85265	<i>Cladotanytarsus vanderwulpi group Type 5</i>	26
17200	<i>Caenis sp</i>	17 +	85500	<i>Paratanytarsus sp</i>	26
18750	<i>Hexagenia limbata</i>	+	85625	<i>Rheotanytarsus sp</i>	2562 +
21200	<i>Calopteryx sp</i>	+	85800	<i>Tanytarsus sp</i>	26
22300	<i>Argia sp</i>	4 +	85802	<i>Tanytarsus curticornis</i>	26
23909	<i>Boyeria vinosa</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	78 +
34130	<i>Acroneuria frisoni</i>	3 +	85840	<i>Tanytarsus sepp</i>	+
47600	<i>Sialis sp</i>	+	87540	<i>Hemerodromia sp</i>	80
50315	<i>Chimarra obscura</i>	42 +	92505	<i>Campeloma sp</i>	+
50804	<i>Lype diversa</i>	+	95100	<i>Physella sp</i>	+
51600	<i>Polycentropus sp</i>	+	96900	<i>Ferrissia sp</i>	1 +
52200	<i>Cheumatopsyche sp</i>	798 +	98600	<i>Sphaerium sp</i>	+
52430	<i>Ceratopsyche morosa group</i>	75 +	99260	<i>Lasmigona compressa</i>	+
52530	<i>Hydropsyche depravata group</i>	3 +	99860	<i>Lampsilis radiata luteola</i>	+
52540	<i>Hydropsyche dicantha</i>	38 +	99880	<i>Lampsilis cardium</i>	+
52570	<i>Hydropsyche simulans</i>	1 +			
53800	<i>Hydroptila sp</i>	1			
57400	<i>Neophylax sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+	No. Quantitative Taxa: 36		Total Taxa: 75
59970	<i>Petrophila sp</i>	+	No. Qualitative Taxa: 64		ICI: 52
63900	<i>Laccophilus sp</i>	+	Number of Organisms: 6453		Qual EPT: 23
65800	<i>Berosus sp</i>	1			
68601	<i>Ancyronyx variegata</i>	+			
68901	<i>Macronychus glabratus</i>	4 +			
69400	<i>Stenelmis sp</i>	18 +			
71100	<i>Hexatoma sp</i>	+			
74100	<i>Simulium sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Site: Grand River
 Camp Beaumont

Collection Date: 08/30/2007 River Code: 03-001 RM: 45.90

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	57	84460	<i>Polypedilum (P.) fallax group</i>	26
03600	<i>Oligochaeta</i>	24 +	84700	<i>Stenochironomus sp</i>	+
05800	<i>Caecidotea sp</i>	+	85264	<i>Cladotanytarsus vanderwulpi group Type 4</i>	+
06700	<i>Crangonyx sp</i>	+	85625	<i>Rheotanytarsus sp</i>	901 +
06810	<i>Gammarus fasciatus</i>	+	85802	<i>Tanytarsus curticornis</i>	91
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	26 +
11020	<i>Acerpenna pygmaea</i>	22 +	85840	<i>Tanytarsus sepp</i>	13 +
11130	<i>Baetis intercalaris</i>	51 +	87540	<i>Hemerodromia sp</i>	40 +
11650	<i>Procloeon sp (w/ hindwing pads)</i>	1 +	92516	<i>Campeloma decisum</i>	+
12200	<i>Isonychia sp</i>	12 +	92615	<i>Cipangopaludina japonica</i>	+
13000	<i>Leucrocuta sp</i>	2	93900	<i>Elimia sp</i>	6 +
13400	<i>Stenacron sp</i>	61 +	94400	<i>Fossaria sp</i>	1
13561	<i>Maccaffertium pulchellum</i>	1107 +	96900	<i>Ferrissia sp</i>	44 +
17200	<i>Caenis sp</i>	8 +	98600	<i>Sphaerium sp</i>	+
18750	<i>Hexagenia limbata</i>	+	99180	<i>Strophitus undulatus undulatus</i>	+
21200	<i>Calopteryx sp</i>	+	99280	<i>Lasmigona costata</i>	+
22300	<i>Argia sp</i>	17 +	99420	<i>Amblema plicata plicata</i>	+
24900	<i>Gomphus sp</i>	+	99440	<i>Fusconaia flava</i>	+
25600	<i>Stylurus sp</i>	+	99520	<i>Pleurobema sintoxia</i>	+
34130	<i>Acroneuria frisoni</i>	2	99540	<i>Elliptio dilatata</i>	+
48410	<i>Corydalus cornutus</i>	+	99560	<i>Ptychobranchus fasciolaris</i>	+
48620	<i>Nigronia serricornis</i>	+	99600	<i>Actinonaias ligamentina carinata</i>	+
50315	<i>Chimarra obscura</i>	72 +	99620	<i>Obovaria subrotunda</i>	+
50804	<i>Lype diversa</i>	+	99780	<i>Ligumia recta</i>	+
51400	<i>Nyctiophylax sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	375 +	No. Quantitative Taxa: 31 Total Taxa: 68		
52430	<i>Ceratopsyche morosa group</i>	+	No. Qualitative Taxa: 60 ICI: 48		
52530	<i>Hydropsyche depravata group</i>	2	Number of Organisms: 3123 Qual EPT: 15		
52570	<i>Hydropsyche simulans</i>	6 +			
57900	<i>Pycnopsyche sp</i>	+			
60300	<i>Dineutus sp</i>	+			
63300	<i>Hydroporini</i>	+			
68130	<i>Helichus sp</i>	+			
68901	<i>Macronychus glabratus</i>	48 +			
69400	<i>Stenelmis sp</i>	+			
74100	<i>Simulium sp</i>	1 +			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	26			
77800	<i>Helopelopia sp</i>	+			
78450	<i>Nilotanypus fimbriatus</i>	26 +			
80370	<i>Corynoneura lobata</i>	16 +			
82300	<i>Xylotopus par</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
84155	<i>Paralauterborniella nigrohalteralis</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	39 +			

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

Site: Bronson Creek

Collection Date: 07/31/2007 River Code: 03-012 RM: 1.52

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
06201	<i>Hyalella azteca</i>	+			
08240	<i>Orconectes (Crockerinus) propinquus</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
25510	<i>Stylogomphus albistylus</i>	+			
45300	<i>Sigara sp</i>	+			
45900	<i>Notonecta sp</i>	+			
51400	<i>Nyctiophylax sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporini</i>	+			
67500	<i>Laccobius sp</i>	+			
67700	<i>Paracymus sp</i>	+			
77130	<i>Ablabesmyia rhamphe group</i>	+			
77500	<i>Conchapelopia sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
78200	<i>Larsia sp</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
81690	<i>Paratrichocladius sp</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84300	<i>Phaenopsectra obediens group</i>	+			
84440	<i>Polypedilum (Uresipedilum) aviceps</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85800	<i>Tanytarsus sp</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
95100	<i>Physella sp</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 29
No. Qualitative Taxa: 29	ICI:
Number of Organisms: 0	Qual EPT: 5

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

Site: Bronson Creek

Collection Date: 07/31/2007 River Code: 03-012 RM: 0.82

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
03360	<i>Plumatella sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 43
07860	<i>Cambarus (Puncticambarus) robustus</i>	+	No. Qualitative Taxa: 43		ICI:
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	Number of Organisms: 0		Qual EPT: 8
11018	<i>Acerpenna macdunnoughi</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
23905	<i>Boyeria grafiana</i>	+			
25510	<i>Stylogomphus albistylus</i>	+			
47600	<i>Sialis sp</i>	+			
48620	<i>Nigronia serricornis</i>	+			
50301	<i>Chimarra aterrima</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52430	<i>Ceratopsyche morosa group</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
63300	<i>Hydroporini</i>	+			
66200	<i>Cymbiodyta sp</i>	+			
66500	<i>Enochrus sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68130	<i>Helichus sp</i>	+			
69210	<i>Optioservus ampliatus</i>	+			
69400	<i>Stenelmis sp</i>	+			
71100	<i>Hexatoma sp</i>	+			
71900	<i>Tipula sp</i>	+			
72340	<i>Dixella sp</i>	+			
77120	<i>Ablabesmyia mallochii</i>	+			
77500	<i>Conchapelopia sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
79400	<i>Zavreliomyia sp</i>	+			
81650	<i>Parametriocnemus sp</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84300	<i>Phaenopsectra obediens group</i>	+			
84440	<i>Polypedilum (Uresipedilum) aviceps</i>	+			
84460	<i>Polypedilum (P.) fallax group</i>	+			
85400	<i>Micropsectra sp</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85720	<i>Stempellinella fimbriata</i>	+			
85802	<i>Tanytarsus curticornis</i>	+			
86100	<i>Chrysops sp</i>	+			
95100	<i>Physella sp</i>	+			
96900	<i>Ferrissia sp</i>	+			

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

Site: Trumbull Creek

Collection Date: 09/12/2007 River Code: 03-013 RM: 9.03

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01900	<i>Nemertea</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+			
45300	<i>Sigara sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
47600	<i>Sialis sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
55300	<i>Ptilostomis sp</i>	+			
57400	<i>Neophylax sp</i>	+			
63300	<i>Hydroporini</i>	+			
69400	<i>Stenelmis sp</i>	+			
74100	<i>Simulium sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
83158	<i>Endochironomus nigricans</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
85800	<i>Tanytarsus sp</i>	+			
95100	<i>Physella sp</i>	+			
96002	<i>Helisoma anceps anceps</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 19

No. Qualitative Taxa: 19 ICI:

Number of Organisms: 0 Qual EPT: 4

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Site: Trumbull Creek

Collection Date: 08/01/2007 River Code: 03-013 RM: 6.23

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	+	84440	<i>Polypedilum (Uresipedilum) aviceps</i>	+
08601	<i>Hydrachnidia</i>	+	84460	<i>Polypedilum (P.) fallax group</i>	+
11014	<i>Acentrella turbida</i>	+	84750	<i>Stictochironomus sp</i>	+
11018	<i>Acerpenna macdunnoughi</i>	+	84800	<i>Tribelos jucundum</i>	+
11115	<i>Baetis tricaudatus</i>	+	85200	<i>Cladotanytarsus sp</i>	+
11120	<i>Baetis flavistriga</i>	+	85261	<i>Cladotanytarsus vanderwulpi group Type 1</i>	+
11130	<i>Baetis intercalaris</i>	+	85625	<i>Rheotanytarsus sp</i>	+
11670	<i>Procloeon viridoculare</i>	+	85800	<i>Tanytarsus sp</i>	+
12200	<i>Isonychia sp</i>	+	85818	<i>Tanytarsus glabrescens group sp 4</i>	+
13400	<i>Stenacron sp</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
13521	<i>Stenonema femoratum</i>	+	86401	<i>Atherix lantha</i>	+
13530	<i>Maccaffertium ithaca</i>	+	95100	<i>Physella sp</i>	+
13561	<i>Maccaffertium pulchellum</i>	+	96900	<i>Ferrissia sp</i>	+
17200	<i>Caenis sp</i>	+			
18750	<i>Hexagenia limbata</i>	+	No. Quantitative Taxa: 0		Total Taxa: 57
25510	<i>Stylogomphus albistylus</i>	+	No. Qualitative Taxa: 57		ICI:
33100	<i>Leuctra sp</i>	+	Number of Organisms: 0		Qual EPT: 30
34130	<i>Acroneuria frisoni</i>	+			
50301	<i>Chimarra aterrima</i>	+			
50315	<i>Chimarra obscura</i>	+			
50906	<i>Psychomyia flavida</i>	+			
51400	<i>Nyctiophylax sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52430	<i>Ceratopsyche morosa group</i>	+			
52450	<i>Ceratopsyche sparna</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53300	<i>Glossosoma sp</i>	+			
53800	<i>Hydroptila sp</i>	+			
57400	<i>Neophylax sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59310	<i>Mystacides sepulchralis</i>	+			
59580	<i>Oecetis persimilis</i>	+			
68075	<i>Psephenus herricki</i>	+			
68501	<i>Elmidae</i>	+			
70600	<i>Antocha sp</i>	+			
74100	<i>Simulium sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77500	<i>Conchapelopia sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
84315	<i>Phaenopsectra flavipes</i>	+			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Site: Trumbull Creek

Collection Date: 08/29/2007 River Code: 03-013 RM: 2.05

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	48	78655	<i>Procladius (Holotanypus) sp</i>	+
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	80420	<i>Cricotopus (C.) bicinctus</i>	15
08601	<i>Hydrachnidia</i>	+	81250	<i>Nanocladius (N.) minimus</i>	+
11018	<i>Acerpenna macdunnoughi</i>	2 +	81650	<i>Parametriocnemus sp</i>	15
11020	<i>Acerpenna pygmaea</i>	1	81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	15
11120	<i>Baetis flavistriga</i>	+	82820	<i>Cryptochironomus sp</i>	15 +
11130	<i>Baetis intercalaris</i>	+	83040	<i>Dicrotendipes neomodestus</i>	15
11650	<i>Procloeon sp (w/ hindwing pads)</i>	+	84210	<i>Paratendipes albimanus or P. duplicatus</i>	58
11670	<i>Procloeon viridoculare</i>	+	84460	<i>Polypedilum (P.) fallax group</i>	15
12200	<i>Isonychia sp</i>	8 +	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	87
13521	<i>Stenonema femoratum</i>	+	84601	<i>Saetheria species 1 (sensu Jackson, 1977)</i>	15
13590	<i>Maccaffertium vicarium</i>	1 +	84800	<i>Tribelos jucundum</i>	15
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	12	85261	<i>Cladotanytarsus vanderwulpi group Type 1</i>	29
17200	<i>Caenis sp</i>	4	85264	<i>Cladotanytarsus vanderwulpi group Type 4</i>	29 +
17600	<i>Baetisca sp</i>	+	85500	<i>Paratanytarsus sp</i>	15
18750	<i>Hexagenia limbata</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	29
21200	<i>Calopteryx sp</i>	1 +	85625	<i>Rheotanytarsus sp</i>	73 +
23909	<i>Boyeria vinosa</i>	1 +	85711	<i>Stempellinella leptocelloides</i>	8
24900	<i>Gomphus sp</i>	+	85720	<i>Stempellinella fimbriata</i>	88
25510	<i>Stylogomphus albistylus</i>	+	85752	<i>Sublettea coffmani</i>	58
48620	<i>Nigronia serricornis</i>	10 +	85802	<i>Tanytarsus curticornis</i>	349
50301	<i>Chimarra aterrima</i>	4 +	85818	<i>Tanytarsus glabrescens group sp 4</i>	+
50315	<i>Chimarra obscura</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	655 +
50804	<i>Lype diversa</i>	+	85840	<i>Tanytarsus sepp</i>	58
51400	<i>Nyctiophylax sp</i>	+	86100	<i>Chrysops sp</i>	+
52200	<i>Cheumatopsyche sp</i>	13 +	87540	<i>Hemerodromia sp</i>	16
52430	<i>Ceratopsyche morosa group</i>	4 +	96900	<i>Ferrissia sp</i>	73 +
52530	<i>Hydropsyche depravata group</i>	+	98600	<i>Sphaerium sp</i>	1
55300	<i>Ptilostomis sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+	No. Quantitative Taxa: 46		Total Taxa: 72
59310	<i>Mystacides sepulchralis</i>	+	No. Qualitative Taxa: 45		ICI: 48
59580	<i>Oecetis persimilis</i>	+	Number of Organisms: 2099		Qual EPT: 21
67500	<i>Laccobius sp</i>	+			
68130	<i>Helichus sp</i>	1 +			
69200	<i>Optioservus sp</i>	+			
69400	<i>Stenelmis sp</i>	29 +			
71100	<i>Hexatoma sp</i>	1 +			
72340	<i>Dixella sp</i>	+			
74501	<i>Ceratopogonidae</i>	8 +			
77115	<i>Ablabesmyia janta</i>	15			
77120	<i>Ablabesmyia mallochi</i>	29 +			
77500	<i>Conchapelopia sp</i>	102			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	15			
77800	<i>Helopelopia sp</i>	44			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Site: Spring Creek

Collection Date: 09/12/2007 River Code: 03-014 RM: 5.02

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	85800	<i>Tanytarsus sp</i>	+
01801	<i>Turbellaria</i>	+	86100	<i>Chrysops sp</i>	+
03600	<i>Oligochaeta</i>	+	95100	<i>Physella sp</i>	+
07860	<i>Cambarus (Puncticambarus) robustus</i>	+	96002	<i>Helisoma anceps anceps</i>	+
08240	<i>Orconectes (Crokerinus) propinquus</i>	+	96900	<i>Ferrissia sp</i>	+
11018	<i>Acerpenna macdunnoughi</i>	+	98600	<i>Sphaerium sp</i>	+
11120	<i>Baetis flavistriga</i>	+			
11130	<i>Baetis intercalaris</i>	+	No. Quantitative Taxa: 0		Total Taxa: 50
11430	<i>Dipheter hageni</i>	+	No. Qualitative Taxa: 50		ICI:
13400	<i>Stenacron sp</i>	+	Number of Organisms: 0		Qual EPT: 18
13521	<i>Stenonema femoratum</i>	+			
13555	<i>Maccaffertium modestum</i>	+			
13590	<i>Maccaffertium vicarium</i>	+			
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	+			
17200	<i>Caenis sp</i>	+			
21200	<i>Calopteryx sp</i>	+			
25510	<i>Stylogomphus albistylus</i>	+			
50301	<i>Chimarra aterrima</i>	+			
50315	<i>Chimarra obscura</i>	+			
51400	<i>Nyctiophylax sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53300	<i>Glossosoma sp</i>	+			
57400	<i>Neophylax sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporini</i>	+			
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68130	<i>Helichus sp</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69210	<i>Optioservus ampliatus</i>	+			
69400	<i>Stenelmis sp</i>	+			
74100	<i>Simulium sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77500	<i>Conchapelopia sp</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
80350	<i>Corynoneura sp</i>	+			
81650	<i>Parametriocnemus sp</i>	+			
82141	<i>Thienemanniella xena</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84475	<i>Polypedilum (P.) ophioides</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Site: Spring Creek

Collection Date: 09/12/2007 River Code: 03-014 RM: 2.76

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	81690	<i>Paratrichocladius sp</i>	+
03360	<i>Plumatella sp</i>	+	81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	+
03600	<i>Oligochaeta</i>	+	82820	<i>Cryptochironomus sp</i>	+
04685	<i>Placobdella ornata</i>	+	82885	<i>Cryptotendipes pseudotener</i>	+
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+
08601	<i>Hydrachnidia</i>	+			
11130	<i>Baetis intercalaris</i>	+	84020	<i>Parachironomus carinatus</i>	+
12200	<i>Isonychia sp</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	+
13400	<i>Stenacron sp</i>	+	84470	<i>Polypedilum (P.) illinoense</i>	+
13561	<i>Maccaffertium pulchellum</i>	+	84700	<i>Stenochironomus sp</i>	+
17200	<i>Caenis sp</i>	+	85500	<i>Paratanytarsus sp</i>	+
21200	<i>Calopteryx sp</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	+
22001	<i>Coenagrionidae</i>	+	85625	<i>Rheotanytarsus sp</i>	+
22300	<i>Argia sp</i>	+	85800	<i>Tanytarsus sp</i>	+
23804	<i>Basiaeschna janata</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
24501	<i>Gomphidae</i>	+	85840	<i>Tanytarsus sepp</i>	+
50315	<i>Chimarra obscura</i>	+	86100	<i>Chrysops sp</i>	+
52200	<i>Cheumatopsyche sp</i>	+	87540	<i>Hemerodromia sp</i>	+
52530	<i>Hydropsyche depravata group</i>	+	94400	<i>Fossaria sp</i>	+
55300	<i>Ptilostomis sp</i>	+	96002	<i>Helisoma anceps anceps</i>	+
57900	<i>Pycnopsyche sp</i>	+	98600	<i>Sphaerium sp</i>	+
59110	<i>Ceraclea ancylus</i>	+			
59300	<i>Mystacides sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 63
59580	<i>Oecetis persimilis</i>	+	No. Qualitative Taxa: 63		ICI:
60900	<i>Peltodytes sp</i>	+	Number of Organisms: 0		Qual EPT: 13
63300	<i>Hydroporini</i>	+			
67800	<i>Tropisternus sp</i>	+			
68025	<i>Ectopria sp</i>	+			
68700	<i>Dubiraphia sp</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
74100	<i>Simulium sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77150	<i>Ablabesmyia simpsoni</i>	+			
77355	<i>Clinotanytus pinguis</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	+			
77800	<i>Helopelopia sp</i>	+			
80410	<i>Cricotopus (C.) sp</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	+			
81240	<i>Nanocladius (N.) distinctus</i>	+			
81465	<i>Orthocladius (O.) carlatus</i>	+			

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

Site: Three Brothers Creek

Collection Date: 07/31/2007 River Code: 03-015 RM: 6.68

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
04664	<i>Helobdella stagnalis</i>	+			
05800	<i>Caecidotea sp</i>	+			
08240	<i>Orconectes (Crockerinus) propinquus</i>	+			
13521	<i>Stenonema femoratum</i>	+			
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	+			
17200	<i>Caenis sp</i>	+			
18750	<i>Hexagenia limbata</i>	+			
24900	<i>Gomphus sp</i>	+			
51400	<i>Nyctiophylax sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
63300	<i>Hydroporini</i>	+			
67000	<i>Helophorus sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
71900	<i>Tipula sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
81650	<i>Parametriocnemus sp</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83051	<i>Dicrotendipes simpsoni</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85800	<i>Tanytarsus sp</i>	+			
85818	<i>Tanytarsus glabrescens group sp 4</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
95100	<i>Physella sp</i>	+			
96264	<i>Planorbella (Pierosoma) pilsbryi</i>	+			
98600	<i>Sphaerium sp</i>	+			

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

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

Site: Three Brothers Creek

Collection Date: 07/31/2007 River Code: 03-015 RM: 1.99

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
05800	<i>Caecidotea sp</i>	+			
08240	<i>Orconectes (Crockerinus) propinquus</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
18750	<i>Hexagenia limbata</i>	+			
48620	<i>Nigronia serricornis</i>	+			
51400	<i>Nyctiophylax sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
66500	<i>Enochrus sp</i>	+			
67700	<i>Paracymus sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
69400	<i>Stenelmis sp</i>	+			
77120	<i>Ablabesmyia mallochii</i>	+			
77800	<i>Helopelopia sp</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
79400	<i>Zavrelimyia sp</i>	+			
82300	<i>Xylotopus par</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85201	<i>Cladotanytarsus species group A</i>	+			
85264	<i>Cladotanytarsus vanderwulpi group Type 4</i>	+			
85800	<i>Tanytarsus sp</i>	+			
95100	<i>Physella sp</i>	+			
96900	<i>Ferrissia sp</i>	+			
98600	<i>Sphaerium sp</i>	+			
99160	<i>Anodontoides ferussacianus</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 32
 No. Qualitative Taxa: 32 ICI:
 Number of Organisms: 0 Qual EPT: 7

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

Site: Crooked Creek
dst. Callahan Rd.

Collection Date: 09/12/2007 River Code: 03-017 RM: 6.70

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
06201	<i>Hyalella azteca</i>	+			
06700	<i>Crangonyx sp</i>	+			
08240	<i>Orconectes (Crockerinus) propinquus</i>	+			
08601	<i>Hydrachnidia</i>	+			
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+			
12200	<i>Isonychia sp</i>	+			
13400	<i>Stenacron sp</i>	+			
13500	<i>Maccaffertium 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>	+			
25510	<i>Stylogomphus albistylus</i>	+			
34120	<i>Acroneuria carolinensis</i>	+			
47600	<i>Sialis sp</i>	+			
48620	<i>Nigronia serricornis</i>	+			
50804	<i>Lype diversa</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
57400	<i>Neophylax sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
68025	<i>Ectopria sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
84440	<i>Polypedilum (Uresipedilum) aviceps</i>	+			
84750	<i>Stictochironomus sp</i>	+			
84800	<i>Tribelos jucundum</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85800	<i>Tanytarsus sp</i>	+			
85802	<i>Tanytarsus curticornis</i>	+			
85818	<i>Tanytarsus glabrescens group sp 4</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
85840	<i>Tanytarsus sepp</i>	+			
86100	<i>Chrysops sp</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 38
 No. Qualitative Taxa: 38 ICI:
 Number of Organisms: 0 Qual EPT: 15

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Site: Crooked Creek

Collection Date: 08/07/2007 River Code: 03-017 RM: 3.51

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	74100	<i>Simulium sp</i>	+
08240	<i>Orconectes (Crokerinus) propinquus</i>	+	77120	<i>Ablabesmyia mallochi</i>	+
11014	<i>Acentrella turbida</i>	+	77800	<i>Helopelopia sp</i>	+
11115	<i>Baetis tricaudatus</i>	+	80370	<i>Corynoneura lobata</i>	+
11120	<i>Baetis flavistriga</i>	+	81650	<i>Parametrioctenemus sp</i>	+
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+	83840	<i>Microtendipes pedellus group</i>	+
11430	<i>Dipheter hageni</i>	+	84315	<i>Phaenopsectra flavipes</i>	+
11651	<i>Procloeon sp (w/o hindwing pads)</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	+
12200	<i>Isonychia sp</i>	+	84460	<i>Polypedilum (P.) fallax group</i>	+
12800	<i>Epeorus sp</i>	+	84480	<i>Polypedilum (P.) laetum group</i>	+
13400	<i>Stenacron sp</i>	+	84750	<i>Stictochironomus sp</i>	+
13521	<i>Stenonema femoratum</i>	+	84800	<i>Tribelos jucundum</i>	+
13555	<i>Maccaffertium modestum</i>	+	85500	<i>Paratanytarsus sp</i>	+
13590	<i>Maccaffertium vicarium</i>	+	85625	<i>Rheotanytarsus sp</i>	+
15000	<i>Paraleptophlebia sp</i>	+	85752	<i>Sublettea coffmani</i>	+
16200	<i>Eurylophella sp</i>	+	85818	<i>Tanytarsus glabrescens group sp 4</i>	+
17200	<i>Caenis sp</i>	+	86401	<i>Atherix lantha</i>	+
18750	<i>Hexagenia limbata</i>	+	96900	<i>Ferrissia sp</i>	+
21200	<i>Calopteryx sp</i>	+			
22001	<i>Coenagrionidae</i>	+	No. Quantitative Taxa: 0		Total Taxa: 62
25510	<i>Stylogomphus albistylus</i>	+	No. Qualitative Taxa: 62		ICI:
33100	<i>Leuctra sp</i>	+	Number of Organisms: 0		Qual EPT: 31
34120	<i>Acroneuria carolinensis</i>	+			
34410	<i>Paragnetina media</i>	+			
47600	<i>Sialis sp</i>	+			
48620	<i>Nigronia serricornis</i>	+			
50301	<i>Chimarra aterrima</i>	+			
50410	<i>Dolophilodes distinctus</i>	+			
50906	<i>Psychomyia flavida</i>	+			
51400	<i>Nyctiophylax sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52440	<i>Ceratopsyche slossonae</i>	+			
52450	<i>Ceratopsyche sparna</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53300	<i>Glossosoma sp</i>	+			
57400	<i>Neophylax sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
66200	<i>Cymbiodyta sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
70600	<i>Antocha sp</i>	+			
70700	<i>Dicranota sp</i>	+			
71100	<i>Hexatoma sp</i>	+			
72340	<i>Dixella sp</i>	+			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Site: Crooked Creek

Collection Date: 08/07/2007 River Code: 03-017 RM: 1.62

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
06201	<i>Hyalella azteca</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	86401	<i>Atherix lantha</i>	+
08601	<i>Hydrachnidia</i>	+	87400	<i>Stratiomys sp</i>	+
11130	<i>Baetis intercalaris</i>	+	93200	<i>Hydrobiidae</i>	+
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+	95100	<i>Physella sp</i>	+
11670	<i>Procloeon viridoculare</i>	+	96900	<i>Ferrissia sp</i>	+
12200	<i>Isonychia sp</i>	+	98600	<i>Sphaerium sp</i>	+
13400	<i>Stenacron sp</i>	+	99860	<i>Lampsilis radiata luteola</i>	+
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 52
18750	<i>Hexagenia limbata</i>	+	No. Qualitative Taxa: 52		ICI:
21200	<i>Calopteryx sp</i>	+	Number of Organisms: 0		Qual EPT: 12
22001	<i>Coenagrionidae</i>	+			
23909	<i>Boyeria vinosa</i>	+			
24900	<i>Gomphus sp</i>	+			
25510	<i>Stylogomphus albistylus</i>	+			
45300	<i>Sigara sp</i>	+			
47600	<i>Sialis sp</i>	+			
50804	<i>Lype diversa</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
66901	<i>Helocombus bifidus</i>	+			
67500	<i>Laccobius sp</i>	+			
68130	<i>Helichus sp</i>	+			
68201	<i>Scirtidae</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69400	<i>Stenelmis sp</i>	+			
71700	<i>Pilaria sp</i>	+			
71900	<i>Tipula sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77500	<i>Conchapelopia sp</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	+			
82300	<i>Xylotopus par</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
82885	<i>Cryptotendipes pseudotener</i>	+			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
84790	<i>Tribelos fuscicorne</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85800	<i>Tanytarsus sp</i>	+			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Site: Mud Creek

Collection Date: 09/13/2007 River Code: 03-018 RM: 3.78

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	+	85840	<i>Tanytarsus sepp</i>	+
07860	<i>Cambarus (Puncticambarus) robustus</i>	+	86100	<i>Chrysops sp</i>	+
08240	<i>Orconectes (Crokerinus) propinquus</i>	+			
11120	<i>Baetis flavistriga</i>	+	No. Quantitative Taxa: 0		Total Taxa: 46
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+	No. Qualitative Taxa: 46		ICI:
11430	<i>Dipheter hageni</i>	+	Number of Organisms: 0		Qual EPT: 13
11650	<i>Procloeon sp (w/ hindwing pads)</i>	+			
13521	<i>Stenonema femoratum</i>	+			
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	+			
23900	<i>Boyeria sp</i>	+			
25510	<i>Stylogomphus albistylus</i>	+			
26100	<i>Cordulegaster sp</i>	+			
34120	<i>Acroneuria carolinensis</i>	+			
35001	<i>Perlodidae</i>	+			
47600	<i>Sialis sp</i>	+			
48620	<i>Nigronia serricornis</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52315	<i>Diplectrona modesta</i>	+			
56650	<i>Goera stylata</i>	+			
57400	<i>Neophylax sp</i>	+			
63300	<i>Hydroporini</i>	+			
68025	<i>Ectopria 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>	+			
71910	<i>Tipula abdominalis</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
79100	<i>Thienemannimyia group</i>	+			
81280	<i>Nanocladius (Plecopteracoluthus) downesi</i>	+			
81530	<i>Orthocladius (Symposiocladius) lignicola</i>	+			
81650	<i>Parametriocnemus sp</i>	+			
84315	<i>Phaenopsectra flavipes</i>	+			
84440	<i>Polypedilum (Uresipedilum) aviceps</i>	+			
84460	<i>Polypedilum (P.) fallax group</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85800	<i>Tanytarsus sp</i>	+			
85802	<i>Tanytarsus curticornis</i>	+			
85818	<i>Tanytarsus glabrescens group sp 4</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			

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

Site: Mill Creek (Grand R. RM 75.17)

Collection Date: 08/06/2007 River Code: 03-019 RM: 4.94

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
04685	<i>Placobdella ornata</i>	+			
06201	<i>Hyalella azteca</i>	+			
08240	<i>Orconectes (Crockerinus) propinquus</i>	+			
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+			
13521	<i>Stenonema femoratum</i>	+			
27500	<i>Somatochlora sp</i>	+			
47600	<i>Sialis sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
63300	<i>Hydroporini</i>	+			
68201	<i>Scirtidae</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
82710	<i>Chironomus (C.) sp</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84460	<i>Polypedilum (P.) fallax group</i>	+			
84750	<i>Stictochironomus sp</i>	+			
95907	<i>Gyraulus (Torquis) parvus</i>	+			
96002	<i>Helisoma anceps anceps</i>	+			
96900	<i>Ferrissia sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 21
No. Qualitative Taxa: 21	ICI:
Number of Organisms: 0	Qual EPT: 3

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

Site: Mill Creek (Grand R. RM 75.17)

Collection Date: 07/30/2007 River Code: 03-019 RM: 2.30

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
07860	<i>Cambarus (Puncticambarus) robustus</i>	+	<hr/> No. Quantitative Taxa: 0 Total Taxa: 44 No. Qualitative Taxa: 44 ICI: Number of Organisms: 0 Qual EPT: 19		
08240	<i>Orconectes (Crockerinus) propinquus</i>	+			
08601	<i>Hydrachnidia</i>	+			
11120	<i>Baetis flavistriga</i>	+			
11430	<i>Dipheter hageni</i>	+			
11651	<i>Proclaeon sp (w/o hindwing pads)</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
13590	<i>Maccaffertium vicarium</i>	+			
15000	<i>Paraleptophlebia sp</i>	+			
17200	<i>Caenis sp</i>	+			
25510	<i>Stylogomphus albistylus</i>	+			
33100	<i>Leuctra sp</i>	+			
34120	<i>Acroneuria carolinensis</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>	+			
52440	<i>Ceratopsyche slossonae</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
57400	<i>Neophylax sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
65700	<i>Anacaena sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
69400	<i>Stenelmis sp</i>	+			
74100	<i>Simulium sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
78400	<i>Natarsia sp</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
79300	<i>Trissopelopia ogemawi</i>	+			
81650	<i>Parametriocnemus sp</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84480	<i>Polypedilum (P.) laetum group</i>	+			
84700	<i>Stenochironomus sp</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85615	<i>Rheotanytarsus pellucidus</i>	+			
85711	<i>Stempellinella leptocelloides</i>	+			
85800	<i>Tanytarsus sp</i>	+			
86100	<i>Chrysops sp</i>	+			
98200	<i>Pisidium sp</i>	+			

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

Site: Garden Creek

Collection Date: 07/30/2007 River Code: 03-020 RM: 2.31

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
08601	<i>Hydrachnidia</i>	+			
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+			
11650	<i>Procloeon sp (w/ hindwing pads)</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	+			
17200	<i>Caenis sp</i>	+			
25510	<i>Stylogomphus albistylus</i>	+			
33100	<i>Leuctra sp</i>	+			
45300	<i>Sigara sp</i>	+			
45900	<i>Notonecta sp</i>	+			
47600	<i>Sialis sp</i>	+			
51400	<i>Nyctiophylax sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59500	<i>Oecetis sp</i>	+			
63300	<i>Hydroporini</i>	+			
66200	<i>Cymbiodyta sp</i>	+			
67100	<i>Hydrobius sp</i>	+			
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
71800	<i>Pseudolimnophila sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
78601	<i>Pentaneura Type 1</i>	+			
79400	<i>Zavreliomyia sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84700	<i>Stenochironomus sp</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85261	<i>Cladotanytarsus vanderwulpi group Type 1</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
86100	<i>Chrysops sp</i>	+			
96900	<i>Ferrissia sp</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 37

No. Qualitative Taxa: 37 ICI:

Number of Organisms: 0 Qual EPT: 13

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

Site: Baughman Creek
Fenton Rd.

Collection Date: 08/28/2007 River Code: 03-022 RM: 3.30

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	16	77500	<i>Conchapelopia sp</i>	121 +
01801	<i>Turbellaria</i>	17 +	77800	<i>Helopelopia sp</i>	+
03360	<i>Plumatella sp</i>	+	78140	<i>Labrundinia pilosella</i>	16
03600	<i>Oligochaeta</i>	8	78350	<i>Meropelopia sp</i>	+
04935	<i>Erpobdella punctata punctata</i>	1 +	78450	<i>Nilotanypus fimbriatus</i>	80
06201	<i>Hyaella azteca</i>	1 +	78655	<i>Procladius (Holotanypus) sp</i>	+
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	79400	<i>Zavreliomyia sp</i>	+
08601	<i>Hydrachnidia</i>	16 +	80370	<i>Corynoneura lobata</i>	64
11018	<i>Acerpenna macdunnoughi</i>	5 +	81530	<i>Orthocladius (Symposiocladius) lignicola</i>	+
11020	<i>Acerpenna pygmaea</i>	45 +	82121	<i>Thienemanniella lobapodema</i>	16
11120	<i>Baetis flavistriga</i>	+	82141	<i>Thienemanniella xena</i>	16
11130	<i>Baetis intercalaris</i>	5 +	82820	<i>Cryptochironomus sp</i>	+
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+	83040	<i>Dicrotendipes neomodestus</i>	30
11651	<i>Proclaeon sp (w/o hindwing pads)</i>	+	83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+
13400	<i>Stenacron sp</i>	130 +	83900	<i>Nilothauma sp</i>	30
13521	<i>Stenonema femoratum</i>	8 +	84210	<i>Paratendipes albimanus or P. duplicatus</i>	+
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	1680 +	84420	<i>Polypedilum (P.) n.sp 1</i>	+
16200	<i>Eurylophella sp</i>	8	84700	<i>Stenochironomus sp</i>	+
17200	<i>Caenis sp</i>	8 +	84750	<i>Stictochironomus sp</i>	+
21200	<i>Calopteryx sp</i>	73 +	85230	<i>Cladotanytarsus mancus group</i>	+
22001	<i>Coenagrionidae</i>	+	85261	<i>Cladotanytarsus vanderwulpi group Type 1</i>	+
23909	<i>Boyeria vinosa</i>	+	85500	<i>Paratanytarsus sp</i>	91
34130	<i>Acroneuria frisoni</i>	1	85501	<i>Paratanytarsus n.sp 1</i>	30
44501	<i>Corixidae</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	30 +
47600	<i>Sialis sp</i>	+	85625	<i>Rheotanytarsus sp</i>	1813 +
48620	<i>Nigronia serricornis</i>	5 +	85800	<i>Tanytarsus sp</i>	+
50804	<i>Lype diversa</i>	8 +	85802	<i>Tanytarsus curticornis</i>	181
51400	<i>Nyctiophylax sp</i>	20 +	85821	<i>Tanytarsus glabrescens group sp 7</i>	756 +
52200	<i>Cheumatopsyche sp</i>	79 +	85840	<i>Tanytarsus sepp</i>	181 +
52430	<i>Ceratopsyche morosa group</i>	117 +	86100	<i>Chrysops sp</i>	+
52530	<i>Hydropsyche depravata group</i>	22 +	87540	<i>Hemerodromia sp</i>	16
57400	<i>Neophylax sp</i>	+	95100	<i>Physella sp</i>	1 +
57900	<i>Pycnopsyche sp</i>	+	96900	<i>Ferrissia sp</i>	+
58505	<i>Helicopsyche borealis</i>	5 +	98600	<i>Sphaerium sp</i>	+
59300	<i>Mystacides sp</i>	+	99100	<i>Pyganodon grandis</i>	+
60400	<i>Gyrinus sp</i>	+	99160	<i>Anodontoides ferussacianus</i>	+
60900	<i>Peltodytes sp</i>	+			
68025	<i>Ectopria sp</i>	+			
68130	<i>Helichus sp</i>	+	No. Quantitative Taxa: 42	Total Taxa: 80	
68901	<i>Macronychus glabratus</i>	3 +	No. Qualitative Taxa: 65	ICI: 58	
69400	<i>Stenelmis sp</i>	16 +	Number of Organisms: 5769	Qual EPT: 19	
71100	<i>Hexatoma sp</i>	+			
74100	<i>Simulium sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Site: Center Creek

Collection Date: 07/23/2007 River Code: 03-023 RM: 6.25

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	85500	<i>Paratanytarsus sp</i>	+
03600	<i>Oligochaeta</i>	+	85625	<i>Rheotanytarsus sp</i>	+
06201	<i>Hyaella azteca</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	87540	<i>Hemerodromia sp</i>	+
08601	<i>Hydrachnidia</i>	+	93200	<i>Hydrobiidae</i>	+
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+	94400	<i>Fossaria sp</i>	+
13400	<i>Stenacron sp</i>	+	95100	<i>Physella sp</i>	+
17200	<i>Caenis sp</i>	+	96120	<i>Menetus (Micromenetus) dilatatus</i>	+
22001	<i>Coenagrionidae</i>	+	96280	<i>Planorbella (Pierosoma) trivolvis</i>	+
45300	<i>Sigara sp</i>	+	96900	<i>Ferrissia sp</i>	+
52200	<i>Cheumatopsyche sp</i>	+	98600	<i>Sphaerium sp</i>	+
52530	<i>Hydropsyche depravata group</i>	+			
57400	<i>Neophylax sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 54
57900	<i>Pycnopsyche sp</i>	+	No. Qualitative Taxa: 54		ICI:
59310	<i>Mystacides sepulchralis</i>	+	Number of Organisms: 0		Qual EPT: 9
59555	<i>Oecetis inconspicua complex sp F (sensu Floyd, 1995)</i>	+			
65700	<i>Anacaena sp</i>	+			
66500	<i>Enochrus sp</i>	+			
67800	<i>Tropisternus 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>	+			
71910	<i>Tipula abdominalis</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77500	<i>Conchapelopia sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
78450	<i>Nilotanypus fimbriatus</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
83000	<i>Dicrotendipes sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83590	<i>Kiefferulus sp</i>	+			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			
84475	<i>Polypedilum (P.) ophioides</i>	+			
84480	<i>Polypedilum (P.) laetum group</i>	+			
84700	<i>Stenochironomus sp</i>	+			
84750	<i>Stictochironomus sp</i>	+			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Site: Center Creek

Collection Date: 07/24/2007 River Code: 03-023 RM: 3.03

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	77500	<i>Conchapelopia sp</i>	+
03040	<i>Fredericella sp</i>	+	77800	<i>Helopelopia sp</i>	+
03600	<i>Oligochaeta</i>	+	80410	<i>Cricotopus (C.) sp</i>	+
04682	<i>Placobdella montifera</i>	+	80420	<i>Cricotopus (C.) bicinctus</i>	+
04685	<i>Placobdella ornata</i>	+	82820	<i>Cryptochironomus sp</i>	+
06201	<i>Hyalella azteca</i>	+	83040	<i>Dicrotendipes neomodestus</i>	+
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+
08601	<i>Hydrachnidia</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	+
11130	<i>Baetis intercalaris</i>	+	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+
11200	<i>Callibaetis sp</i>	+	84700	<i>Stenochironomus sp</i>	+
11651	<i>Procloeon sp (w/o hindwing pads)</i>	+	85500	<i>Paratanytarsus sp</i>	+
11670	<i>Procloeon viridoculare</i>	+	85625	<i>Rheotanytarsus sp</i>	+
13400	<i>Stenacron sp</i>	+	85800	<i>Tanytarsus sp</i>	+
13521	<i>Stenonema femoratum</i>	+	85815	<i>Tanytarsus glabrescens group sp 1</i>	+
17200	<i>Caenis sp</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
22001	<i>Coenagrionidae</i>	+	87400	<i>Stratiomys sp</i>	+
23804	<i>Basiaeschna janata</i>	+	92613	<i>Cipangopaludina chinensis malleata</i>	+
45300	<i>Sigara sp</i>	+	93200	<i>Hydrobiidae</i>	+
45400	<i>Trichocorixa sp</i>	+	94400	<i>Fossaria sp</i>	+
45900	<i>Notonecta sp</i>	+	95100	<i>Physella sp</i>	+
47600	<i>Sialis sp</i>	+	96002	<i>Helisoma anceps anceps</i>	+
51400	<i>Nyctiophylax sp</i>	+	98600	<i>Sphaerium sp</i>	+
51600	<i>Polycentropus sp</i>	+	99160	<i>Anodontoides ferussacianus</i>	+
52200	<i>Cheumatopsyche sp</i>	+	99860	<i>Lampsilis radiata luteola</i>	+
52530	<i>Hydropsyche depravata group</i>	+			
53800	<i>Hydroptila sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 68
58505	<i>Helicopsyche borealis</i>	+	No. Qualitative Taxa: 68		ICI:
59310	<i>Mystacides sepulchralis</i>	+	Number of Organisms: 0		Qual EPT: 18
59570	<i>Oecetis nocturna</i>	+			
59580	<i>Oecetis persimilis</i>	+			
59700	<i>Triaenodes sp</i>	+			
63900	<i>Laccophilus sp</i>	+			
65800	<i>Berosus sp</i>	+			
66500	<i>Enochrus sp</i>	+			
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68201	<i>Scirtidae</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69400	<i>Stenelmis sp</i>	+			
71100	<i>Hexatoma sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			

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

Site: Mud Run

Collection Date: 07/23/2007 River Code: 03-024 RM: 4.05

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+			
05800	<i>Caecidotea sp</i>	+			
06201	<i>Hyalella azteca</i>	+			
08240	<i>Orconectes (Crockerinus) propinquus</i>	+			
11651	<i>Procloeon sp (w/o hindwing pads)</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
18708	<i>Hexagenia bilineata</i>	+			
45400	<i>Trichocorixa sp</i>	+			
47600	<i>Sialis sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
66200	<i>Cymbiodyta sp</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
72700	<i>Anopheles sp</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
82300	<i>Xylotopus par</i>	+			
82885	<i>Cryptotendipes pseudotener</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84700	<i>Stenochironomus sp</i>	+			
84790	<i>Tribelos fuscicorne</i>	+			
92505	<i>Campeloma sp</i>	+			
92613	<i>Cipangopaludina chinensis malleata</i>	+			
93200	<i>Hydrobiidae</i>	+			
95100	<i>Physella sp</i>	+			
96900	<i>Ferrissia 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: 6

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

Site: Dead Branch

Collection Date: 07/03/2007 River Code: 03-025 RM: 7.86

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+			
03360	<i>Plumatella sp</i>	+			
03600	<i>Oligochaeta</i>	+			
04666	<i>Helobdella triserialis</i>	+			
04685	<i>Placobdella ornata</i>	+			
04687	<i>Placobdella parasitica</i>	+			
04964	<i>Mooreobdella microstoma</i>	+			
05800	<i>Caecidotea sp</i>	+			
08240	<i>Orconectes (Crockerinus) propinquus</i>	+			
08601	<i>Hydrachnidia</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
18708	<i>Hexagenia bilineata</i>	+			
22001	<i>Coenagrionidae</i>	+			
24620	<i>Arigomphus villosipes</i>	+			
45300	<i>Sigara sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
45900	<i>Notonecta sp</i>	+			
47600	<i>Sialis sp</i>	+			
49101	<i>Sisyridae</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporini</i>	+			
63700	<i>Ilybius sp</i>	+			
65700	<i>Anacaena sp</i>	+			
71700	<i>Pilaria sp</i>	+			
72700	<i>Anopheles sp</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	+			
94400	<i>Fossaria sp</i>	+			
95100	<i>Physella sp</i>	+			
96280	<i>Planorbella (Pierosoma) trivolvis</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 31
No. Qualitative Taxa: 31	ICI:
Number of Organisms: 0	Qual EPT: 3

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

Site: Dead Branch

Collection Date: 07/23/2007 River Code: 03-025 RM: 4.10

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+			
03600	<i>Oligochaeta</i>	+			
05800	<i>Caecidotea sp</i>	+			
06201	<i>Hyalella azteca</i>	+			
08240	<i>Orconectes (Crockerinus) propinquus</i>	+			
11200	<i>Callibaetis sp</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
24107	<i>Nasiaeschna pentacantha</i>	+			
24900	<i>Gomphus sp</i>	+			
28955	<i>Plathemis lydia</i>	+			
45100	<i>Palmacorixa sp</i>	+			
45300	<i>Sigara sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
45900	<i>Notonecta sp</i>	+			
47600	<i>Sialis sp</i>	+			
48200	<i>Chauliodes sp</i>	+			
49400	<i>Sisyra sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
63900	<i>Laccophilus sp</i>	+			
66500	<i>Enochrus sp</i>	+			
67700	<i>Paracymus sp</i>	+			
83051	<i>Dicrotendipes simpsoni</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	+			
84460	<i>Polypedilum (P.) fallax group</i>	+			
84520	<i>Polypedilum (Tripodura) halterale group</i>	+			
84700	<i>Stenochironomus sp</i>	+			
92613	<i>Cipangopaludina chinensis malleata</i>	+			
95100	<i>Physella sp</i>	+			
96264	<i>Planorbella (Pierosoma) pilsbryi</i>	+			
96900	<i>Ferrissia sp</i>	+			
96930	<i>Laevapex fuscus</i>	+			
98600	<i>Sphaerium sp</i>	+			
99120	<i>Utterbackia imbecillis</i>	+			
99740	<i>Toxolasma parvus</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 38
 No. Qualitative Taxa: 38 ICI:
 Number of Organisms: 0 Qual EPT: 5

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

Site: Deacon Creek

Collection Date: 07/23/2007 River Code: 03-046 RM: 5.31

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
04687	<i>Placobdella parasitica</i>	+			
05800	<i>Caecidotea sp</i>	+			
06201	<i>Hyaella azteca</i>	+			
08601	<i>Hydrachnidia</i>	+			
17200	<i>Caenis sp</i>	+			
28955	<i>Plathemis lydia</i>	+			
45000	<i>Hesperocorixa sp</i>	+			
45300	<i>Sigara sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
45900	<i>Notonecta sp</i>	+			
60800	<i>Haliplus sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporini</i>	+			
63900	<i>Laccophilus sp</i>	+			
67300	<i>Hydrochus sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77355	<i>Clinotanypus pinguis</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
83051	<i>Dicrotendipes simpsoni</i>	+			
84520	<i>Polypedilum (Tripodura) halterale group</i>	+			
95100	<i>Physella sp</i>	+			
96280	<i>Planorbella (Pierosoma) trivolvis</i>	+			
98600	<i>Sphaerium sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 23
No. Qualitative Taxa: 23	ICI:
Number of Organisms: 0	Qual EPT: 1

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

Site: Deacon Creek

Collection Date: 07/24/2007 River Code: 03-046 RM: 1.38

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	+			
04687	<i>Placobdella parasitica</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
08240	<i>Orconectes (Crockerinus) propinquus</i>	+			
08310	<i>Procambarus (Ortmannicus) acutus acutus</i>	+			
13400	<i>Stenacron sp</i>	+			
18750	<i>Hexagenia limbata</i>	+			
45300	<i>Sigara sp</i>	+			
45400	<i>Trichocorixa sp</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
85800	<i>Tanytarsus sp</i>	+			
98600	<i>Sphaerium sp</i>	+			
99100	<i>Pyganodon grandis</i>	+			
99160	<i>Anodontoides ferussacianus</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 17
No. Qualitative Taxa: 17	ICI:
Number of Organisms: 0	Qual EPT: 2

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Site: Trib. to Mill Creek (Grand R 75.17/3.79)

Collection Date: 08/06/2007 River Code: 03-048 RM: 0.13

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	87540	<i>Hemerodromia sp</i>	+
04653	<i>Glossiphonia complanata</i>	+	95100	<i>Physella sp</i>	+
04664	<i>Helobdella stagnalis</i>	+	96280	<i>Planorbella (Pierosoma) trivolvis</i>	+
04935	<i>Erpobdella punctata punctata</i>	+	96900	<i>Ferrissia sp</i>	+
08240	<i>Orconectes (Crockerinus) propinquus</i>	+			
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+	No. Quantitative Taxa: 0		Total Taxa: 48
11651	<i>Procloeon sp (w/o hindwing pads)</i>	+	No. Qualitative Taxa: 48		ICI:
13400	<i>Stenacron sp</i>	+	Number of Organisms: 0		Qual EPT: 13
13521	<i>Stenonema femoratum</i>	+			
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	+			
17200	<i>Caenis sp</i>	+			
21001	<i>Calopterygidae</i>	+			
23600	<i>Aeshna sp</i>	+			
27500	<i>Somatochlora sp</i>	+			
45300	<i>Sigara sp</i>	+			
47600	<i>Sialis sp</i>	+			
50301	<i>Chimarra aterrima</i>	+			
50804	<i>Lype diversa</i>	+			
51400	<i>Nyctiophylax sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59300	<i>Mystacides sp</i>	+			
63300	<i>Hydroporini</i>	+			
65700	<i>Anacaena sp</i>	+			
67000	<i>Helophorus sp</i>	+			
68025	<i>Ectopria sp</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
69400	<i>Stenelmis sp</i>	+			
72340	<i>Dixella sp</i>	+			
72501	<i>Culicidae</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77800	<i>Helopelopia sp</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
79400	<i>Zavrelimyia sp</i>	+			
80370	<i>Corynoneura lobata</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84440	<i>Polypedilum (Uresipedilum) aviceps</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85802	<i>Tanytarsus curticornis</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			

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

Site: Trib. to Crooked Creek (RM 6.50)

Collection Date: 09/12/2007 River Code: 03-049 RM: 0.29

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03360	<i>Plumatella sp</i>	+			
03600	<i>Oligochaeta</i>	+			
07860	<i>Cambarus (Puncticambarus) robustus</i>	+			
13400	<i>Stenacron sp</i>	+			
15000	<i>Paraleptophlebia sp</i>	+			
18619	<i>Ephemera simulans</i>	+			
21200	<i>Calopteryx sp</i>	+			
23905	<i>Boyeria grafiana</i>	+			
25510	<i>Stylogomphus albistylus</i>	+			
47600	<i>Sialis sp</i>	+			
48620	<i>Nigronia serratocornis</i>	+			
50804	<i>Lype diversa</i>	+			
51600	<i>Polycentropus sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
57400	<i>Neophylax sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
63300	<i>Hydroporini</i>	+			
69610	<i>Anchytarsus sp</i>	+			
71100	<i>Hexatoma sp</i>	+			
78402	<i>Natarsia baltimoreus</i>	+			
79400	<i>Zavrelinyia sp</i>	+			
82300	<i>Xylotopus par</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84750	<i>Stictochironomus sp</i>	+			
84800	<i>Tribelos jucundum</i>	+			
85400	<i>Micropsectra sp</i>	+			
85800	<i>Tanytarsus sp</i>	+			
86401	<i>Atherix lantha</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 28
No. Qualitative Taxa: 28	ICI:
Number of Organisms: 0	Qual EPT: 8

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

Site: Trib. to Dead Branch (RM 6.20)

Collection Date: 07/03/2007 River Code: 03-050 RM: 0.40

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+			
05800	<i>Caecidotea sp</i>	+			
06700	<i>Crangonyx sp</i>	+			
08240	<i>Orconectes (Crockerinus) propinquus</i>	+			
08601	<i>Hydrachnidia</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
18708	<i>Hexagenia bilineata</i>	+			
24900	<i>Gomphus sp</i>	+			
43300	<i>Ranatra sp</i>	+			
45100	<i>Palmacorixa sp</i>	+			
45300	<i>Sigara sp</i>	+			
45900	<i>Notonecta sp</i>	+			
47600	<i>Sialis sp</i>	+			
49200	<i>Climacia sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
67000	<i>Helophorus sp</i>	+			
68201	<i>Scirtidae</i>	+			
72900	<i>Culex sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77110	<i>Ablabesmyia annulata</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
83000	<i>Dicrotendipes sp</i>	+			
83300	<i>Glyptotendipes (G.) sp</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84460	<i>Polypedilum (P.) fallax group</i>	+			
84469	<i>Polypedilum (P.) illinoense group</i>	+			
84520	<i>Polypedilum (Tripodura) halterale group</i>	+			
84888	<i>Xenochironomus xenolabis</i>	+			
93200	<i>Hydrobiidae</i>	+			
95100	<i>Physella sp</i>	+			
96120	<i>Menetus (Micromenetus) dilatatus</i>	+			
96200	<i>Planorbella sp</i>	+			
96930	<i>Laevapex fuscus</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

Site: Rock Creek

Collection Date: 08/29/2007 River Code: 03-130 RM: 9.64

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	71100	<i>Hexatoma sp</i>	+
03600	<i>Oligochaeta</i>	+	71900	<i>Tipula sp</i>	+
04685	<i>Placobdella ornata</i>	+	74501	<i>Ceratopogonidae</i>	+
06201	<i>Hyalella azteca</i>	+	77500	<i>Conchapelopia sp</i>	+
06700	<i>Crangonyx sp</i>	+	78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+
08240	<i>Orconectes (Crokerinus) propinquus</i>	+	80410	<i>Cricotopus (C.) sp</i>	+
08601	<i>Hydrachnidia</i>	+	80420	<i>Cricotopus (C.) bicinctus</i>	+
11020	<i>Acerpenna pygmaea</i>	+	82820	<i>Cryptochironomus sp</i>	+
11120	<i>Baetis flavistriga</i>	+	83040	<i>Dicrotendipes neomodestus</i>	+
11130	<i>Baetis intercalaris</i>	+	83840	<i>Microtendipes pedellus group</i>	+
11651	<i>Procloeon sp (w/o hindwing pads)</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	+
11670	<i>Procloeon viridoculare</i>	+	84470	<i>Polypedilum (P.) illinoense</i>	+
12200	<i>Isonychia sp</i>	+	84700	<i>Stenochironomus sp</i>	+
13400	<i>Stenacron sp</i>	+	85200	<i>Cladotanytarsus sp</i>	+
13521	<i>Stenonema femoratum</i>	+	85625	<i>Rheotanytarsus sp</i>	+
13561	<i>Maccaffertium pulchellum</i>	+	85800	<i>Tanytarsus sp</i>	+
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
17200	<i>Caenis sp</i>	+	85840	<i>Tanytarsus sepp</i>	+
18750	<i>Hexagenia limbata</i>	+	86100	<i>Chrysops sp</i>	+
21200	<i>Calopteryx sp</i>	+	92516	<i>Campeloma decisum</i>	+
22001	<i>Coenagrionidae</i>	+	98600	<i>Sphaerium sp</i>	+
22300	<i>Argia sp</i>	+	99860	<i>Lampsilis radiata luteola</i>	+
24900	<i>Gomphus sp</i>	+			
34130	<i>Acroneuria frisoni</i>	+	No. Quantitative Taxa: 0		Total Taxa: 66
45400	<i>Trichocorixa sp</i>	+	No. Qualitative Taxa: 66		ICI:
47600	<i>Sialis sp</i>	+	Number of Organisms: 0		Qual EPT: 25
48620	<i>Nigronia serricornis</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>	+			
53800	<i>Hydroptila sp</i>	+			
54300	<i>Oxyethira sp</i>	+			
57400	<i>Neophylax sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59110	<i>Ceraclaea ancylus</i>	+			
59580	<i>Oecetis persimilis</i>	+			
60300	<i>Dineutus sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporini</i>	+			
68025	<i>Ectopria sp</i>	+			
69400	<i>Stenelmis sp</i>	+			

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

Site: Rock Creek
dst. St. Rt. 45

Collection Date: 08/29/2007 River Code: 03-130 RM: 1.23

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00680	<i>Heteromeyenia tubisperma</i>	+	83040	<i>Dicrotendipes neomodestus</i>	59 +
01320	<i>Hydra sp</i>	96	83051	<i>Dicrotendipes simpsoni</i>	20
01801	<i>Turbellaria</i>	331 +	84210	<i>Paratendipes albimanus or P. duplicatus</i>	39 +
03600	<i>Oligochaeta</i>	96 +	84450	<i>Polypedilum (Uresipedilum) flavum</i>	332 +
06201	<i>Hyaella azteca</i>	+	84470	<i>Polypedilum (P.) illinoense</i>	20
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	84888	<i>Xenochironomus xenolabis</i>	+
11020	<i>Acerpenna pygmaea</i>	57 +	85625	<i>Rheotanytarsus sp</i>	20 +
11120	<i>Baetis flavistriga</i>	2 +	85800	<i>Tanytarsus sp</i>	+
11130	<i>Baetis intercalaris</i>	351 +	85802	<i>Tanytarsus curticornis</i>	20
11650	<i>Procloeon sp (w/ hindwing pads)</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	664 +
13400	<i>Stenacron sp</i>	1 +	85840	<i>Tanytarsus sepp</i>	59 +
13521	<i>Stenonema femoratum</i>	+	86200	<i>Tabanus sp</i>	+
13561	<i>Maccaffertium pulchellum</i>	49 +	95100	<i>Physella sp</i>	+
17200	<i>Caenis sp</i>	40 +			
22001	<i>Coenagrionidae</i>	+	No. Quantitative Taxa: 33		Total Taxa: 57
22300	<i>Argia sp</i>	4 +	No. Qualitative Taxa: 45		ICI: 44
27500	<i>Somatochlora sp</i>	+	Number of Organisms: 3527		Qual EPT: 13
28208	<i>Erythemis simplicicollis</i>	+			
28500	<i>Libellula sp</i>	+			
45900	<i>Notonecta sp</i>	+			
50315	<i>Chimarra obscura</i>	145 +			
52200	<i>Cheumatopsyche sp</i>	610 +			
52530	<i>Hydropsyche depravata group</i>	54 +			
57400	<i>Neophylax sp</i>	+			
59001	<i>Leptoceridae</i>	8			
59310	<i>Mystacides sepulchralis</i>	+			
59970	<i>Petrophila sp</i>	+			
65800	<i>Berosus sp</i>	8 +			
68075	<i>Psephenus herricki</i>	+			
69400	<i>Stenelmis sp</i>	20 +			
71100	<i>Hexatoma sp</i>	+			
74100	<i>Simulium sp</i>	2			
74501	<i>Ceratopogonidae</i>	+			
77500	<i>Conchapelopia sp</i>	195			
77800	<i>Helopelopia sp</i>	98 +			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
78450	<i>Nilotanypus fimbriatus</i>	8			
78655	<i>Procladius (Holotanypus) sp</i>	+			
80410	<i>Cricotopus (C.) sp</i>	20			
80420	<i>Cricotopus (C.) bicinctus</i>	59			
80430	<i>Cricotopus (C.) tremulus group</i>	20			
81250	<i>Nanocladius (N.) minimus</i>	+			
81270	<i>Nanocladius (N.) spiniplenus</i>	+			
81690	<i>Paratrichocladius sp</i>	20			

Ohio EPA/DSW Ecological Assessment Section
Macroinvertebrate Collection

Site: Rock Creek
dst. cemetery bridge

Collection Date: 08/29/2007 River Code: 03-130 RM: 0.95

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	96	81270	<i>Nanocladius (N.) spinipenus</i>	84
01801	<i>Turbellaria</i>	1202 +	81631	<i>Parakiefferiella n.sp 1</i>	17
03360	<i>Plumatella sp</i>	+	81690	<i>Paratrichocladius sp</i>	+
03600	<i>Oligochaeta</i>	104 +	82220	<i>Tvetenia discoloripes group</i>	34
06201	<i>Hyaella azteca</i>	+	82730	<i>Chironomus (C.) decorus group</i>	+
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	83040	<i>Dicrotendipes neomodestus</i>	17 +
11020	<i>Acerpenna pygmaea</i>	69 +	83300	<i>Glyptotendipes (G.) sp</i>	17
11120	<i>Baetis flavistriga</i>	38	84300	<i>Phaenopsectra obediens group</i>	+
11130	<i>Baetis intercalaris</i>	313 +	84450	<i>Polypedilum (Uresipedilum) flavum</i>	338 +
11150	<i>Pseudocloeon propinquum</i>	+	84470	<i>Polypedilum (P.) illinoense</i>	17
11670	<i>Procloeon viridoculare</i>	+	84700	<i>Stenochironomus sp</i>	+
13400	<i>Stenacron sp</i>	+	85625	<i>Rheotanytarsus sp</i>	68 +
13521	<i>Stenonema femoratum</i>	+	85720	<i>Stempellinella fimbriata</i>	16
13561	<i>Maccaffertium pulchellum</i>	17 +	85802	<i>Tanytarsus curticornis</i>	34
17200	<i>Caenis sp</i>	40 +	85821	<i>Tanytarsus glabrescens group sp 7</i>	1165 +
18700	<i>Hexagenia sp</i>	+	85840	<i>Tanytarsus sepp</i>	+
21200	<i>Calopteryx sp</i>	+	87400	<i>Stratiomys sp</i>	+
22001	<i>Coenagrionidae</i>	+	95100	<i>Physella sp</i>	1 +
22300	<i>Argia sp</i>	23 +	96930	<i>Laevapex fuscus</i>	+
28500	<i>Libellula sp</i>	+			
50315	<i>Chimarra obscura</i>	116 +	No. Quantitative Taxa: 34		Total Taxa: 63
52200	<i>Cheumatopsyche sp</i>	1586 +	No. Qualitative Taxa: 49		ICI: 44
52530	<i>Hydropsyche depravata group</i>	102 +	Number of Organisms: 5817		Qual EPT: 14
53501	<i>Hydroptilidae</i>	1 +			
57400	<i>Neophylax sp</i>	+			
59970	<i>Petrophila sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
63900	<i>Laccophilus sp</i>	+			
65800	<i>Berosus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68130	<i>Helichus sp</i>	+			
69400	<i>Stenelmis sp</i>	81 +			
71900	<i>Tipula sp</i>	1			
72700	<i>Anopheles sp</i>	+			
74100	<i>Simulium sp</i>	1			
77500	<i>Conchapelopia sp</i>	101 +			
77800	<i>Helopelopia sp</i>	17 +			
80351	<i>Corynoneura n.sp 1</i>	16			
80410	<i>Cricotopus (C.) sp</i>	34			
80420	<i>Cricotopus (C.) bicinctus</i>	34 +			
80430	<i>Cricotopus (C.) tremulus group</i>	+			
81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	17			

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

Site: Whetstone Creek

Collection Date: 07/31/2007 River Code: 03-133 RM: 2.00

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03360	<i>Plumatella sp</i>	+			
04685	<i>Placobdella ornata</i>	+			
08240	<i>Orconectes (Crockerinus) propinquus</i>	+			
08601	<i>Hydrachnidia</i>	+			
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
27500	<i>Somatochlora sp</i>	+			
45300	<i>Sigara sp</i>	+			
51400	<i>Nyctiophylax sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
60400	<i>Gyrinus sp</i>	+			
67700	<i>Paracymus sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
72340	<i>Dixella sp</i>	+			
72700	<i>Anopheles sp</i>	+			
77120	<i>Ablabesmyia mallochii</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
83000	<i>Dicrotendipes sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84460	<i>Polypedilum (P.) fallax group</i>	+			
84470	<i>Polypedilum (P.) illinoense</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85800	<i>Tanytarsus sp</i>	+			
95100	<i>Physella sp</i>	+			

No. Quantitative Taxa: 0	Total Taxa: 29
No. Qualitative Taxa: 29	ICI:
Number of Organisms: 0	Qual EPT: 6

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

Site: Lebanon Creek

Collection Date: 07/31/2007 River Code: 03-134 RM: 1.93

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00556	<i>Ephydatia fluviatilis</i>	+			
01801	<i>Turbellaria</i>	+			
04685	<i>Placobdella ornata</i>	+			
04935	<i>Erpobdella punctata punctata</i>	+			
08240	<i>Orconectes (Crockerinus) propinquus</i>	+			
13521	<i>Stenonema femoratum</i>	+			
17200	<i>Caenis sp</i>	+			
21200	<i>Calopteryx sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
23600	<i>Aeshna sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
59150	<i>Ceraclea resurgens group</i>	+			
59310	<i>Mystacides sepulchralis</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporini</i>	+			
67700	<i>Paracymus sp</i>	+			
67800	<i>Tropisternus sp</i>	+			
68700	<i>Dubiraphia sp</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
79100	<i>Thienemannimyia group</i>	+			
81650	<i>Parametriocnemus sp</i>	+			
83040	<i>Dicrotendipes neomodestus</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85501	<i>Paratanytarsus n.sp 1</i>	+			
85800	<i>Tanytarsus sp</i>	+			
95100	<i>Physella sp</i>	+			
95907	<i>Gyraulus (Torquis) parvus</i>	+			
96002	<i>Helisoma anceps anceps</i>	+			
96900	<i>Ferrissia 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: 6

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Site: Snyder Ditch (Rock Creek)
 dst. Moore Rd.

Collection Date: 08/29/2007 River Code: 03-138 RM: 0.60

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	2	78655	<i>Procladius (Holotanypus) sp</i>	+
01801	<i>Turbellaria</i>	15	80370	<i>Corynoneura lobata</i>	32
03600	<i>Oligochaeta</i>	1 +	80410	<i>Cricotopus (C.) sp</i>	1
04666	<i>Helobdella triserialis</i>	+	80420	<i>Cricotopus (C.) bicinctus</i>	7
04685	<i>Placobdella ornata</i>	+	81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	3
06201	<i>Hyalella azteca</i>	+	82141	<i>Thienemanniella xena</i>	2
06700	<i>Crangonyx sp</i>	3 +	83040	<i>Dicrotendipes neomodestus</i>	1 +
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	83840	<i>Microtendipes pedellus group</i>	5
08601	<i>Hydrachnidia</i>	1	84155	<i>Paralauterborniella nigrohalteralis</i>	1
11130	<i>Baetis intercalaris</i>	40 +	84210	<i>Paratendipes albimanus or P. duplicatus</i>	1
11200	<i>Callibaetis sp</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	14 +
13400	<i>Stenacron sp</i>	267 +	84460	<i>Polypedilum (P.) fallax group</i>	7
13561	<i>Maccaffertium pulchellum</i>	4	84470	<i>Polypedilum (P.) illinoense</i>	7
17200	<i>Caenis sp</i>	3 +	84790	<i>Tribelos fuscicorne</i>	2
18750	<i>Hexagenia limbata</i>	+	84800	<i>Tribelos jucundum</i>	3
21200	<i>Calopteryx sp</i>	5 +	85500	<i>Paratanytarsus sp</i>	6
22001	<i>Coenagrionidae</i>	+	85625	<i>Rheotanytarsus sp</i>	8 +
23804	<i>Basiaeschna janata</i>	+	85720	<i>Stempellinella fimbriata</i>	1
23909	<i>Boyeria vinosa</i>	+	85800	<i>Tanytarsus sp</i>	1
28955	<i>Plathemis lydia</i>	+	85802	<i>Tanytarsus curticornis</i>	1
45300	<i>Sigara sp</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	9
45400	<i>Trichocorixa sp</i>	+	85840	<i>Tanytarsus sepp</i>	1
45900	<i>Notonecta sp</i>	+	86200	<i>Tabanus sp</i>	+
47600	<i>Sialis sp</i>	+	87540	<i>Hemerodromia sp</i>	2
52200	<i>Cheumatopsyche sp</i>	59 +	92613	<i>Cipangopaludina chinensis malleata</i>	1 +
52530	<i>Hydropsyche depravata group</i>	3 +	96002	<i>Helisoma anceps anceps</i>	+
53800	<i>Hydroptila sp</i>	12	96264	<i>Planorbella (Pierosoma) pilsbryi</i>	5
57900	<i>Pycnopsyche sp</i>	1 +	96900	<i>Ferrissia sp</i>	55 +
59300	<i>Mystacides sp</i>	+	98600	<i>Sphaerium sp</i>	4 +
59700	<i>Triaenodes sp</i>	+	99100	<i>Pyganodon grandis</i>	+
60300	<i>Dineutus sp</i>	+	99120	<i>Utterbackia imbecillis</i>	+
60400	<i>Gyrinus sp</i>	+	99860	<i>Lampsilis radiata luteola</i>	+
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporini</i>	+			
68700	<i>Dubiraphia sp</i>	22	No. Quantitative Taxa: 46		Total Taxa: 76
68901	<i>Macronychus glabratus</i>	21 +	No. Qualitative Taxa: 47		ICI: 46
69400	<i>Stenelmis sp</i>	1 +	Number of Organisms: 656		Qual EPT: 10
72340	<i>Dixella sp</i>	+			
72700	<i>Anopheles sp</i>	+			
74100	<i>Simulium sp</i>	+			
77355	<i>Clinotanypus pinguis</i>	+			
77500	<i>Conchapelopia sp</i>	14			
77800	<i>Helopelopia sp</i>	1			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	1			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Site: Hoskins Creek

Collection Date: 09/13/2007 River Code: 03-140 RM: 4.88

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03360	<i>Plumatella sp</i>	+	84460	<i>Polypedilum (P.) fallax group</i>	+
03600	<i>Oligochaeta</i>	+	84750	<i>Stictochironomus sp</i>	+
08601	<i>Hydrachnidia</i>	+	85625	<i>Rheotanytarsus sp</i>	+
11120	<i>Baetis flavistriga</i>	+	85800	<i>Tanytarsus sp</i>	+
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
13400	<i>Stenacron sp</i>	+	86100	<i>Chrysops sp</i>	+
13521	<i>Stenonema femoratum</i>	+	86401	<i>Atherix lantha</i>	+
13561	<i>Maccaffertium pulchellum</i>	+	87540	<i>Hemerodromia sp</i>	+
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	+	95100	<i>Physella sp</i>	+
16200	<i>Eurylophella sp</i>	+	96900	<i>Ferrissia sp</i>	+
17200	<i>Caenis sp</i>	+			
21200	<i>Calopteryx sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 54
22001	<i>Coenagrionidae</i>	+	No. Qualitative Taxa: 54		ICI:
23909	<i>Boyeria vinosa</i>	+	Number of Organisms: 0		Qual EPT: 16
25510	<i>Stylogomphus albistylus</i>	+			
47600	<i>Sialis sp</i>	+			
48620	<i>Nigronia serricornis</i>	+			
50301	<i>Chimarra aterrima</i>	+			
50315	<i>Chimarra obscura</i>	+			
50410	<i>Dolophilodes distinctus</i>	+			
50804	<i>Lype diversa</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
69400	<i>Stenelmis sp</i>	+			
70700	<i>Dicranota sp</i>	+			
71800	<i>Pseudolimnophila sp</i>	+			
71900	<i>Tipula sp</i>	+			
71910	<i>Tipula abdominalis</i>	+			
74100	<i>Simulium sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
78402	<i>Natarsia baltimoreus</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
81650	<i>Parametriocnemus sp</i>	+			
81690	<i>Paratrichocladus sp</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
82885	<i>Cryptotendipes pseudotener</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84440	<i>Polypedilum (Uresipedilum) aviceps</i>	+			
84450	<i>Polypedilum (Uresipedilum) flavum</i>	+			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Site: Hoskins Creek

Collection Date: 09/11/2007 River Code: 03-140 RM: 2.01

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	67800	<i>Tropisternus sp</i>	+
03600	<i>Oligochaeta</i>	+	68075	<i>Psephenus herricki</i>	+
05800	<i>Caecidotea sp</i>	+	68130	<i>Helichus sp</i>	+
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	69400	<i>Stenelmis sp</i>	+
08601	<i>Hydrachnidia</i>	+	70700	<i>Dicranota sp</i>	+
11014	<i>Acentrella turbida</i>	+	71100	<i>Hexatoma sp</i>	+
11018	<i>Acerpenna macdunnoughi</i>	+	71900	<i>Tipula sp</i>	+
11120	<i>Baetis flavistriga</i>	+	74501	<i>Ceratopogonidae</i>	+
11130	<i>Baetis intercalaris</i>	+	77120	<i>Ablabesmyia mallochii</i>	+
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+	80410	<i>Cricotopus (C.) sp</i>	+
11430	<i>Dipheter hageni</i>	+	80420	<i>Cricotopus (C.) bicinctus</i>	+
11670	<i>Procloeon viridoculare</i>	+	80430	<i>Cricotopus (C.) tremulus group</i>	+
12200	<i>Isonychia sp</i>	+	81650	<i>Parametriocnemus sp</i>	+
13400	<i>Stenacron sp</i>	+	82101	<i>Thienemanniella taurocapita</i>	+
13521	<i>Stenonema femoratum</i>	+	83040	<i>Dicrotendipes neomodestus</i>	+
13590	<i>Maccaffertium vicarium</i>	+	83840	<i>Microtendipes pedellus group</i>	+
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	+	84210	<i>Paratendipes albimanus or P. duplicatus</i>	+
17200	<i>Caenis sp</i>	+	84300	<i>Phaenopsectra obediens group</i>	+
21200	<i>Calopteryx sp</i>	+	84440	<i>Polypedilum (Uresipedilum) aviceps</i>	+
25510	<i>Stylogomphus albistylus</i>	+	84700	<i>Stenochironomus sp</i>	+
34120	<i>Acroneuria carolinensis</i>	+	84800	<i>Tribelos jucundum</i>	+
34130	<i>Acroneuria frisoni</i>	+	85500	<i>Paratanytarsus sp</i>	+
42700	<i>Belostoma sp</i>	+	85625	<i>Rheotanytarsus sp</i>	+
45900	<i>Notonecta sp</i>	+	85711	<i>Stempellinella leptocelloides</i>	+
47600	<i>Sialis sp</i>	+	85800	<i>Tanytarsus sp</i>	+
48620	<i>Nigronia serricornis</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
50301	<i>Chimarra aterrima</i>	+	86401	<i>Atherix lantha</i>	+
50906	<i>Psychomyia flavida</i>	+	87540	<i>Hemerodromia sp</i>	+
51400	<i>Nyctiophylax sp</i>	+	95100	<i>Physella sp</i>	+
51600	<i>Polycentropus sp</i>	+	96900	<i>Ferrissia sp</i>	+
52200	<i>Cheumatopsyche sp</i>	+			
52430	<i>Ceratopsyche morosa group</i>	+	No. Quantitative Taxa: 0		Total Taxa: 74
52440	<i>Ceratopsyche slossonae</i>	+	No. Qualitative Taxa: 74		ICI:
52450	<i>Ceratopsyche sparna</i>	+	Number of Organisms: 0		Qual EPT: 30
52530	<i>Hydropsyche depravata group</i>	+			
53300	<i>Glossosoma sp</i>	+			
53800	<i>Hydroptila sp</i>	+			
55300	<i>Ptilostomis sp</i>	+			
57400	<i>Neophylax sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporini</i>	+			
66500	<i>Enochrus sp</i>	+			

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

Site: Indian Creek
Montgomery Rd.

Collection Date: 09/11/2007 River Code: 03-141 RM: 1.30

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	77500	<i>Conchapelopia sp</i>	+
03600	<i>Oligochaeta</i>	+	81280	<i>Nanocladius (Plecopteracoluthus) downesi</i>	+
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	81650	<i>Parametriocnemus sp</i>	+
11018	<i>Acerpenna macdunnoughi</i>	+	82101	<i>Thienemanniella taurocapita</i>	+
11130	<i>Baetis intercalaris</i>	+	82300	<i>Xylotopus par</i>	+
11430	<i>Dipheter hageni</i>	+	83840	<i>Microtendipes pedellus group</i>	+
11651	<i>Procloeon sp (w/o hindwing pads)</i>	+	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+
12200	<i>Isonychia sp</i>	+	84750	<i>Stictochironomus sp</i>	+
13400	<i>Stenacron sp</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	+
13521	<i>Stenonema femoratum</i>	+	95100	<i>Physella sp</i>	+
13590	<i>Maccaffertium vicarium</i>	+	96900	<i>Ferrissia sp</i>	+
14700	<i>Habrophlebiodes sp</i>	+			
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 55
17200	<i>Caenis sp</i>	+	No. Qualitative Taxa: 55		ICI:
18600	<i>Ephemera sp</i>	+	Number of Organisms: 0		Qual EPT: 28
21200	<i>Calopteryx sp</i>	+			
23905	<i>Boyeria grafiana</i>	+			
25510	<i>Stylogomphus albistylus</i>	+			
30805	<i>Pteronarcys biloba</i>	+			
34120	<i>Acroneuria carolinensis</i>	+			
36500	<i>Sweltsa sp</i>	+			
47600	<i>Sialis sp</i>	+			
48620	<i>Nigronia serricornis</i>	+			
50301	<i>Chimarra aterrima</i>	+			
50410	<i>Dolophilodes distinctus</i>	+			
50804	<i>Lype diversa</i>	+			
50906	<i>Psychomyia flavida</i>	+			
51400	<i>Nyctiophylax sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52440	<i>Ceratopsyche slossonae</i>	+			
53300	<i>Glossosoma sp</i>	+			
57400	<i>Neophylax sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
58320	<i>Psilotreta indecisa</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68130	<i>Helichus sp</i>	+			
71100	<i>Hexatoma sp</i>	+			
71800	<i>Pseudolimnophila sp</i>	+			
71900	<i>Tipula sp</i>	+			
72340	<i>Dixella sp</i>	+			
74100	<i>Simulium sp</i>	+			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Site: Trib. to Hoskins Creek (RM 0.40)

Collection Date: 08/06/2007 River Code: 03-143 RM: 1.40

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	82885	<i>Cryptotendipes pseudotener</i>	+
01801	<i>Turbellaria</i>	+	84404	<i>Polypedilum (Pentapedilum) epleri</i>	+
03600	<i>Oligochaeta</i>	+	84460	<i>Polypedilum (P.) fallax group</i>	+
04685	<i>Placobdella ornata</i>	+	84470	<i>Polypedilum (P.) illinoense</i>	+
04935	<i>Erpobdella punctata punctata</i>	+	84500	<i>Polypedilum (P.) trigonus</i>	+
06201	<i>Hyalella azteca</i>	+	84700	<i>Stenochironomus sp</i>	+
06700	<i>Crangonyx sp</i>	+	85800	<i>Tanytarsus sp</i>	+
11200	<i>Callibaetis sp</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+	87400	<i>Stratiomys sp</i>	+
13400	<i>Stenacron sp</i>	+	89580	<i>Settacera sp</i>	+
17200	<i>Caenis sp</i>	+	95100	<i>Physella sp</i>	+
18750	<i>Hexagenia limbata</i>	+	96930	<i>Laevapex fuscus</i>	+
21200	<i>Calopteryx sp</i>	+	98200	<i>Pisidium sp</i>	+
22001	<i>Coenagrionidae</i>	+	98600	<i>Sphaerium sp</i>	+
23804	<i>Basiaeschna janata</i>	+			
24600	<i>Arigomphus sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 58
24900	<i>Gomphus sp</i>	+	No. Qualitative Taxa: 58		ICI:
25510	<i>Stylogomphus albistylus</i>	+	Number of Organisms: 0		Qual EPT: 10
42700	<i>Belostoma sp</i>	+			
43570	<i>Neoplea sp</i>	+			
45100	<i>Palmacorixa sp</i>	+			
47600	<i>Sialis sp</i>	+			
51500	<i>Phylocentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
54300	<i>Oxyethira sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
59550	<i>Oecetis inconspicua complex sp A (sensu Floyd, 1995)</i>	+			
60300	<i>Dineutus sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporini</i>	+			
64050	<i>Liodessus sp</i>	+			
67000	<i>Helophorus sp</i>	+			
67300	<i>Hydrochus sp</i>	+			
68201	<i>Scirtidae</i>	+			
68702	<i>Dubiraphia bivittata</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69400	<i>Stenelmis sp</i>	+			
71700	<i>Pilaria sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77355	<i>Clinotanytus pinguis</i>	+			
78200	<i>Larsia sp</i>	+			
79030	<i>Tanytus "punctipennis" (sensu Roback, 1977)</i>	+			
81705	<i>Psectrocladius (Allopsectrocladius) sp</i>	+			

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

Site: Trib. to Hoskins Creek (RM 2.45)

Collection Date: 09/11/2007 River Code: 03-144 RM: 1.15

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	+			
04687	<i>Placobdella parasitica</i>	+			
07860	<i>Cambarus (Puncticambarus) robustus</i>	+			
13400	<i>Stenacron sp</i>	+			
13500	<i>Maccaffertium sp</i>	+			
14700	<i>Habrophlebiodes sp</i>	+			
16200	<i>Eurylophella sp</i>	+			
18619	<i>Ephemera simulans</i>	+			
22001	<i>Coenagrionidae</i>	+			
25510	<i>Stylogomphus albistylus</i>	+			
34120	<i>Acroneuria carolinensis</i>	+			
44501	<i>Corixidae</i>	+			
47600	<i>Sialis sp</i>	+			
48620	<i>Nigronia serricornis</i>	+			
50301	<i>Chimarra aterrima</i>	+			
50804	<i>Lype diversa</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52315	<i>Diplectrone modesta</i>	+			
68025	<i>Ectopria sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
74501	<i>Ceratopogonidae</i>	+			
78350	<i>Meropelopia sp</i>	+			
79400	<i>Zavreliomyia sp</i>	+			
80646	<i>Epoicocladus sp 3 (sensu Jacobsen, 1992)</i>	+			
82300	<i>Xylotopus par</i>	+			
84750	<i>Stictochironomus sp</i>	+			
84800	<i>Tribelos jucundum</i>	+			
85800	<i>Tanytarsus sp</i>	+			
86100	<i>Chrysops sp</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 30
 No. Qualitative Taxa: 30 ICI:
 Number of Organisms: 0 Qual EPT: 11

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

Site: Phelps Creek
U.S. Rt. 322

Collection Date: 09/13/2007 River Code: 03-150 RM: 4.90

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
00401	<i>Spongillidae</i>	+	77120	<i>Ablabesmyia mallochi</i>	+
01801	<i>Turbellaria</i>	+	77800	<i>Helopelopia sp</i>	+
03360	<i>Plumatella sp</i>	+	80350	<i>Corynoneura sp</i>	+
03600	<i>Oligochaeta</i>	+	80420	<i>Cricotopus (C.) bicinctus</i>	+
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	80430	<i>Cricotopus (C.) tremulus group</i>	+
11018	<i>Acerpenna macdunnoughi</i>	+	81530	<i>Orthocladus (Symposiocladus) lignicola</i>	+
11020	<i>Acerpenna pygmaea</i>	+	81620	<i>Paracricotopus sp</i>	+
11120	<i>Baetis flavistriga</i>	+	81650	<i>Parametricnemus sp</i>	+
11130	<i>Baetis intercalaris</i>	+	81690	<i>Paratrichocladus sp</i>	+
11430	<i>Dipheter hageni</i>	+	81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	+
11650	<i>Procloeon sp (w/ hindwing pads)</i>	+	82300	<i>Xylotopus par</i>	+
11651	<i>Procloeon sp (w/o hindwing pads)</i>	+	83840	<i>Microtendipes pedellus group</i>	+
11670	<i>Procloeon viridoculare</i>	+	84210	<i>Paratendipes albimanus or P. duplicatus</i>	+
12200	<i>Isonychia sp</i>	+	84300	<i>Phaenopsectra obediens group</i>	+
13400	<i>Stenacron sp</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	+
13521	<i>Stenonema femoratum</i>	+	84470	<i>Polypedilum (P.) illinoense</i>	+
13561	<i>Maccaffertium pulchellum</i>	+	84700	<i>Stenochironomus sp</i>	+
13590	<i>Maccaffertium vicarium</i>	+	85625	<i>Rheotanytarsus sp</i>	+
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	+	85752	<i>Sublettea coffmani</i>	+
17200	<i>Caenis sp</i>	+	85800	<i>Tanytarsus sp</i>	+
18600	<i>Ephemera sp</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
23905	<i>Boyeria grafiana</i>	+	85840	<i>Tanytarsus sepp</i>	+
24900	<i>Gomphus sp</i>	+	86100	<i>Chrysops sp</i>	+
25510	<i>Stylogomphus albistylus</i>	+	86401	<i>Atherix lantha</i>	+
34130	<i>Acroneuria frisoni</i>	+	87540	<i>Hemerodromia sp</i>	+
48620	<i>Nigronia serricornis</i>	+	96900	<i>Ferrissia sp</i>	+
50301	<i>Chimarra aterrima</i>	+			
50315	<i>Chimarra obscura</i>	+	No. Quantitative Taxa: 0		Total Taxa: 70
50906	<i>Psychomyia flavida</i>	+	No. Qualitative Taxa: 70		ICI:
51400	<i>Nyctiophylax sp</i>	+	Number of Organisms: 0		Qual EPT: 29
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52430	<i>Ceratopsyche morosa group</i>	+			
52440	<i>Ceratopsyche slossonae</i>	+			
52540	<i>Hydropsyche dicantha</i>	+			
53501	<i>Hydroptilidae</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59110	<i>Ceraclaea ancylus</i>	+			
68075	<i>Psephenus herricki</i>	+			
68130	<i>Helichus sp</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69400	<i>Stenelmis sp</i>	+			
74100	<i>Simulium sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			

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

Site: Phelps Creek
upst. Windsor Rd.

Collection Date: 08/30/2007 River Code: 03-150 RM: 1.23

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03600	<i>Oligochaeta</i>	+	78350	<i>Meropelopia sp</i>	65
04685	<i>Placobdella ornata</i>	+	78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	78450	<i>Nilotanypus fimbriatus</i>	32
11020	<i>Acerpenna pygmaea</i>	358 +	80351	<i>Corynoneura n.sp I</i>	8
11120	<i>Baetis flavistriga</i>	89 +	80370	<i>Corynoneura lobata</i>	184
11130	<i>Baetis intercalaris</i>	357 +	81231	<i>Nanocladius (N.) crassicornus or N. (N.) "rectinervis"</i>	32
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+	81650	<i>Parametriocnemus sp</i>	65
11430	<i>Dipheter hageni</i>	57 +	81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	65 +
11650	<i>Procloeon sp (w/ hindwing pads)</i>	+	82121	<i>Thienemanniella lobapodema</i>	120 +
11670	<i>Procloeon viridoculare</i>	+	82141	<i>Thienemanniella xena</i>	16
12200	<i>Isonychia sp</i>	55	82820	<i>Cryptochironomus sp</i>	+
13400	<i>Stenacron sp</i>	+	83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+
13521	<i>Stenonema femoratum</i>	29 +	83840	<i>Microtendipes pedellus group</i>	97
13561	<i>Maccaffertium pulchellum</i>	3	84450	<i>Polypedilum (Uresipedilum) flavum</i>	97 +
13590	<i>Maccaffertium vicarium</i>	8 +	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	32 +
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	240	85230	<i>Cladotanytarsus mancus group</i>	+
18600	<i>Ephemera sp</i>	1	85264	<i>Cladotanytarsus vanderwulpi group Type 4</i>	+
18750	<i>Hexagenia limbata</i>	+	85500	<i>Paratanytarsus sp</i>	97 +
21200	<i>Calopteryx sp</i>	9 +	85615	<i>Rheotanytarsus pellucidus</i>	97
22300	<i>Argia sp</i>	+	85625	<i>Rheotanytarsus sp</i>	487 +
23909	<i>Boyeria vinosa</i>	1 +	85802	<i>Tanytarsus curticornis</i>	616 +
24900	<i>Gomphus sp</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	519 +
34130	<i>Acroneuria frisoni</i>	1	86401	<i>Atherix lantha</i>	+
47600	<i>Sialis sp</i>	1 +	87540	<i>Hemerodromia sp</i>	24
48620	<i>Nigronia serricornis</i>	2 +	95100	<i>Physella sp</i>	3 +
50301	<i>Chimarra aterrima</i>	7	96900	<i>Ferrissia sp</i>	17 +
50315	<i>Chimarra obscura</i>	+	98600	<i>Sphaerium sp</i>	+
50804	<i>Lype diversa</i>	+	99860	<i>Lampsilis radiata luteola</i>	+
51400	<i>Nyctiophylax sp</i>	+			
51600	<i>Polycentropus sp</i>	1 +			
52200	<i>Cheumatopsyche sp</i>	352 +			
52430	<i>Ceratopsyche morosa group</i>	2 +	No. Quantitative Taxa: 45	Total Taxa: 72	
52530	<i>Hydropsyche depravata group</i>	2 +	No. Qualitative Taxa: 55	ICI: 60	
57900	<i>Pycnopsyche sp</i>	+	Number of Organisms: 4416	Qual EPT: 19	
60900	<i>Peltodytes sp</i>	+			
63300	<i>Hydroporini</i>	+			
68130	<i>Helichus sp</i>	+			
68901	<i>Macronychus glabratus</i>	27 +			
69400	<i>Stenelmis sp</i>	28 +			
71100	<i>Hexatoma sp</i>	+			
74100	<i>Simulium sp</i>	16 +			
77120	<i>Ablabesmyia mallochi</i>	+			
77500	<i>Conchapelopia sp</i>	65 +			
77800	<i>Helopelopia sp</i>	32			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Site: North Branch Phelps Creek

Collection Date: 07/25/2007 River Code: 03-151 RM: 1.10

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01320	<i>Hydra sp</i>	+	81280	<i>Nanocladius (Plecopteracoluthus) downesi</i>	+
01801	<i>Turbellaria</i>	+	81620	<i>Paracricotopus sp</i>	+
04685	<i>Placobdella ornata</i>	+	83051	<i>Dicrotendipes simpsoni</i>	+
07860	<i>Cambarus (Puncticambarus) robustus</i>	+	84116	<i>Paracladopelma nereis</i>	+
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	84315	<i>Phaenopsectra flavipes</i>	+
11018	<i>Acerpenna macdunnoughi</i>	+	84420	<i>Polypedilum (P.) n.sp 1</i>	+
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	+
11651	<i>Procloeon sp (w/o hindwing pads)</i>	+	84750	<i>Stictochironomus sp</i>	+
12200	<i>Isonychia sp</i>	+	85200	<i>Cladotanytarsus sp</i>	+
13400	<i>Stenacron sp</i>	+	85500	<i>Paratanytarsus sp</i>	+
13521	<i>Stenonema femoratum</i>	+	85720	<i>Stempellinella fimbriata</i>	+
13590	<i>Maccaffertium vicarium</i>	+	85800	<i>Tanytarsus sp</i>	+
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	+	85802	<i>Tanytarsus curticornis</i>	+
17200	<i>Caenis sp</i>	+	85815	<i>Tanytarsus glabrescens group sp 1</i>	+
18708	<i>Hexagenia bilineata</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
21200	<i>Calopteryx sp</i>	+	85840	<i>Tanytarsus sepp</i>	+
25510	<i>Stylogomphus albistylus</i>	+	95100	<i>Physella sp</i>	+
34130	<i>Acroneuria frisoni</i>	+	98600	<i>Sphaerium sp</i>	+
34500	<i>Perlesta placida complex</i>	+			
47600	<i>Sialis sp</i>	+	No. Quantitative Taxa: 0		Total Taxa: 62
48620	<i>Nigronia serricornis</i>	+	No. Qualitative Taxa: 62		ICI:
50301	<i>Chimarra aterrima</i>	+	Number of Organisms: 0		Qual EPT: 24
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>	+			
57400	<i>Neophylax sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
58410	<i>Molanna sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59310	<i>Mystacides sepulchralis</i>	+			
59550	<i>Oecetis inconspicua complex sp A (sensu Floyd, 1995)</i>	+			
68075	<i>Psephenus herricki</i>	+			
68130	<i>Helichus sp</i>	+			
69225	<i>Optioservus fastiditus</i>	+			
69400	<i>Stenelmis sp</i>	+			
71100	<i>Hexatoma sp</i>	+			
71900	<i>Tipula sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77800	<i>Helopelopia sp</i>	+			
78655	<i>Procladius (Holotanypus) sp</i>	+			
79400	<i>Zavreliomyia sp</i>	+			
80350	<i>Corynoneura sp</i>	+			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Site: South Branch Phelps Creek

Collection Date: 07/25/2007 River Code: 03-152 RM: 0.58

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
01801	<i>Turbellaria</i>	+	85711	<i>Stempellinella leptocelloides</i>	+
03600	<i>Oligochaeta</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
04685	<i>Placobdella ornata</i>	+	96900	<i>Ferrissia sp</i>	+
08240	<i>Orconectes (Crockerinus) propinquus</i>	+			
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+	No. Quantitative Taxa: 0		Total Taxa: 47
13400	<i>Stenacron sp</i>	+	No. Qualitative Taxa: 47		ICI:
13521	<i>Stenonema femoratum</i>	+	Number of Organisms: 0		Qual EPT: 15
13590	<i>Maccaffertium vicarium</i>	+			
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	+			
17200	<i>Caenis sp</i>	+			
22001	<i>Coenagrionidae</i>	+			
23909	<i>Boyeria vinosa</i>	+			
25510	<i>Stylogomphus albistylus</i>	+			
45300	<i>Sigara sp</i>	+			
45900	<i>Notonecta sp</i>	+			
47600	<i>Sialis sp</i>	+			
48620	<i>Nigronia serricornis</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>	+			
57400	<i>Neophylax sp</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59700	<i>Triaenodes sp</i>	+			
62200	<i>Copelatus sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
71900	<i>Tipula sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77800	<i>Helopelopia sp</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
79400	<i>Zavrelimyia sp</i>	+			
81040	<i>Limnophyes sp</i>	+			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84210	<i>Paratendipes albimanus or P. duplicatus</i>	+			
84460	<i>Polypedilum (P.) fallax group</i>	+			
84475	<i>Polypedilum (P.) ophioides</i>	+			
84480	<i>Polypedilum (P.) laetum group</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85500	<i>Paratanytarsus sp</i>	+			

Ohio EPA/DW Ecological Assessment Section
 Macroinvertebrate Collection

Site: Swine Creek

Collection Date: 07/24/2007 River Code: 03-160 RM: 10.15

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	85500	<i>Paratanytarsus sp</i>	+
11014	<i>Acentrella turbida</i>	+	85625	<i>Rheotanytarsus sp</i>	+
11020	<i>Acerpenna pygmaea</i>	+	86401	<i>Atherix lantha</i>	+
11120	<i>Baetis flavistriga</i>	+	96900	<i>Ferrissia sp</i>	+
11130	<i>Baetis intercalaris</i>	+			
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+	No. Quantitative Taxa: 0		Total Taxa: 48
11430	<i>Dipheter hageni</i>	+	No. Qualitative Taxa: 48		ICI:
12200	<i>Isonychia sp</i>	+	Number of Organisms: 0		Qual EPT: 22
13400	<i>Stenacron sp</i>	+			
13521	<i>Stenonema femoratum</i>	+			
13590	<i>Maccaffertium vicarium</i>	+			
17200	<i>Caenis sp</i>	+			
33100	<i>Leuctra sp</i>	+			
34710	<i>Agnatina capitata</i>	+			
36500	<i>Sweltsa sp</i>	+			
45300	<i>Sigara sp</i>	+			
47600	<i>Sialis sp</i>	+			
48620	<i>Nigronia serricornis</i>	+			
50301	<i>Chimarra aterrima</i>	+			
50410	<i>Dolophilodes distinctus</i>	+			
51400	<i>Nyctiophylax sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52430	<i>Ceratopsyche morosa group</i>	+			
52440	<i>Ceratopsyche slossonae</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53300	<i>Glossosoma sp</i>	+			
66500	<i>Enochrus sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
69400	<i>Stenelmis sp</i>	+			
70600	<i>Antocha sp</i>	+			
71900	<i>Tipula sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77500	<i>Conchapelopia sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
78450	<i>Nilotanytus fimbriatus</i>	+			
79400	<i>Zavreliomyia sp</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+			
84440	<i>Polypedilum (Uresipedilum) aviceps</i>	+			
84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85261	<i>Cladotanytarsus vanderwulpi group Type 1</i>	+			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Site: Swine Creek

Collection Date: 07/24/2007 River Code: 03-160 RM: 8.18

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	80370	<i>Corynoneura lobata</i>	+
08601	<i>Hydrachnidia</i>	+	80420	<i>Cricotopus (C.) bicinctus</i>	+
11020	<i>Acerpenna pygmaea</i>	+	81690	<i>Paratrichocladius sp</i>	+
11120	<i>Baetis flavistriga</i>	+	81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	+
11130	<i>Baetis intercalaris</i>	+	82141	<i>Thienemanniella xena</i>	+
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+	83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+
11430	<i>Dipheter hageni</i>	+	84440	<i>Polypedilum (Uresipedilum) aviceps</i>	+
11650	<i>Procloeon sp (w/ hindwing pads)</i>	+	84450	<i>Polypedilum (Uresipedilum) flavum</i>	+
12200	<i>Isonychia sp</i>	+	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+
13400	<i>Stenacron sp</i>	+	84700	<i>Stenochironomus sp</i>	+
13521	<i>Stenonema femoratum</i>	+	85261	<i>Cladotanytarsus vanderwulpi group Type 1</i>	+
13590	<i>Maccaffertium vicarium</i>	+	85500	<i>Paratanytarsus sp</i>	+
15000	<i>Paraleptophlebia sp</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	+
17200	<i>Caenis sp</i>	+	85625	<i>Rheotanytarsus sp</i>	+
21200	<i>Calopteryx sp</i>	+	85840	<i>Tanytarsus sepp</i>	+
23909	<i>Boyeria vinosa</i>	+	86401	<i>Atherix lantha</i>	+
33100	<i>Leuctra sp</i>	+			
34100	<i>Acroneuria sp</i>	+			
44501	<i>Corixidae</i>	+	No. Quantitative Taxa: 0		Total Taxa: 60
47600	<i>Sialis sp</i>	+	No. Qualitative Taxa: 60		ICI:
48620	<i>Nigronia serricornis</i>	+	Number of Organisms: 0		Qual EPT: 23
50315	<i>Chimarra obscura</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52430	<i>Ceratopsyche morosa group</i>	+			
52440	<i>Ceratopsyche slossonae</i>	+			
52450	<i>Ceratopsyche sparna</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
53300	<i>Glossosoma sp</i>	+			
53800	<i>Hydroptila sp</i>	+			
63300	<i>Hydroporini</i>	+			
66500	<i>Enochrus sp</i>	+			
68075	<i>Psephenus herricki</i>	+			
68130	<i>Helichus sp</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
69400	<i>Stenelmis sp</i>	+			
70700	<i>Dicranota sp</i>	+			
74100	<i>Simulium sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77500	<i>Conchapelopia sp</i>	+			
77800	<i>Helopelopia sp</i>	+			
78140	<i>Labrundinia pilosella</i>	+			
80310	<i>Cardiocladius obscurus</i>	+			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Site: Swine Creek

Collection Date: 07/30/2007 River Code: 03-160 RM: 1.72

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03040	<i>Fredericella sp</i>	+	83002	<i>Dicrotendipes modestus</i>	+
03600	<i>Oligochaeta</i>	+	83820	<i>Microtendipes "caelum" (sensu Simpson & Bode, 1980)</i>	+
04685	<i>Placobdella ornata</i>	+	83840	<i>Microtendipes pedellus group</i>	+
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	84155	<i>Paralauterborniella nigrohalteralis</i>	+
08601	<i>Hydrachnidia</i>	+	84540	<i>Polypedilum (Tripodura) scalaenum group</i>	+
11120	<i>Baetis flavistriga</i>	+	85264	<i>Cladotanytarsus vanderwulpi group Type 4</i>	+
11130	<i>Baetis intercalaris</i>	+	85625	<i>Rheotanytarsus sp</i>	+
11650	<i>Procloeon sp (w/ hindwing pads)</i>	+	85800	<i>Tanytarsus sp</i>	+
12200	<i>Isonychia sp</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
13400	<i>Stenacron sp</i>	+	86100	<i>Chrysops sp</i>	+
13521	<i>Stenonema femoratum</i>	+	87400	<i>Stratiomys sp</i>	+
13561	<i>Maccaffertium pulchellum</i>	+	87540	<i>Hemerodromia sp</i>	+
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	+	93200	<i>Hydrobiidae</i>	+
21200	<i>Calopteryx sp</i>	+	98600	<i>Sphaerium sp</i>	+
22300	<i>Argia sp</i>	+			
23909	<i>Boyeria vinosa</i>	+			
24900	<i>Gomphus sp</i>	+	No. Quantitative Taxa: 0	Total Taxa: 58	
47600	<i>Sialis sp</i>	+	No. Qualitative Taxa: 58	ICI:	
48620	<i>Nigronia serricornis</i>	+	Number of Organisms: 0	Qual EPT: 17	
50315	<i>Chimarra obscura</i>	+			
50804	<i>Lype diversa</i>	+			
51400	<i>Nyctiophylax sp</i>	+			
51500	<i>Phylocentropus sp</i>	+			
51600	<i>Polycentropus sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
59500	<i>Oecetis sp</i>	+			
60300	<i>Dineutus sp</i>	+			
60900	<i>Peltodytes sp</i>	+			
67500	<i>Laccobius sp</i>	+			
68708	<i>Dubiraphia vittata group</i>	+			
68901	<i>Macronychus glabratus</i>	+			
69400	<i>Stenelmis sp</i>	+			
72340	<i>Dixella sp</i>	+			
72700	<i>Anopheles sp</i>	+			
74100	<i>Simulium sp</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77800	<i>Helopelopia sp</i>	+			
78401	<i>Natarsia species A (sensu Roback, 1978)</i>	+			
80370	<i>Corynoneura lobata</i>	+			
81633	<i>Parakiefferiella n.sp 5</i>	+			
81825	<i>Rheocricotopus (Psilocricotopus) robacki</i>	+			
82820	<i>Cryptochironomus sp</i>	+			

Ohio EPA/DSW Ecological Assessment Section
 Macroinvertebrate Collection

Site: Andrews Creek

Collection Date: 07/24/2007 River Code: 03-162 RM: 3.62

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
03360	<i>Plumatella sp</i>	+	85261	<i>Cladotanytarsus vanderwulpi group Type 1</i>	+
03600	<i>Oligochaeta</i>	+	85500	<i>Paratanytarsus sp</i>	+
08240	<i>Orconectes (Crockerinus) propinquus</i>	+	85615	<i>Rheotanytarsus pellucidus</i>	+
11120	<i>Baetis flavistriga</i>	+	85625	<i>Rheotanytarsus sp</i>	+
11130	<i>Baetis intercalaris</i>	+	85800	<i>Tanytarsus sp</i>	+
11250	<i>Centroptilum sp (w/o hindwing pads)</i>	+	85821	<i>Tanytarsus glabrescens group sp 7</i>	+
11670	<i>Procloeon viridoculare</i>	+	86100	<i>Chrysops sp</i>	+
13521	<i>Stenonema femoratum</i>	+	87540	<i>Hemerodromia sp</i>	+
13590	<i>Maccaffertium vicarium</i>	+	95100	<i>Physella sp</i>	+
14950	<i>Leptophlebia sp or Paraleptophlebia sp</i>	+	96900	<i>Ferrissia sp</i>	+
17200	<i>Caenis sp</i>	+	98600	<i>Sphaerium sp</i>	+
21200	<i>Calopteryx sp</i>	+			
23909	<i>Boyeria vinosa</i>	+	No. Quantitative Taxa: 0		Total Taxa: 55
25510	<i>Stylogomphus albistylus</i>	+	No. Qualitative Taxa: 55		ICI:
33100	<i>Leuctra sp</i>	+	Number of Organisms: 0		Qual EPT: 16
34300	<i>Neoperla clymene complex</i>	+			
47600	<i>Sialis sp</i>	+			
48620	<i>Nigronia serricornis</i>	+			
50804	<i>Lype diversa</i>	+			
51400	<i>Nyctiophylax sp</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
52530	<i>Hydropsyche depravata group</i>	+			
58505	<i>Helicopsyche borealis</i>	+			
59500	<i>Oecetis sp</i>	+			
63300	<i>Hydroporini</i>	+			
68130	<i>Helichus sp</i>	+			
69210	<i>Optioservus ampliatus</i>	+			
69400	<i>Stenelmis sp</i>	+			
70600	<i>Antocha sp</i>	+			
71900	<i>Tipula sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77120	<i>Ablabesmyia mallochi</i>	+			
77750	<i>Hayesomyia senata or Thienemannimyia norena</i>	+			
77800	<i>Helopelopia sp</i>	+			
78450	<i>Nilotanytus fimbriatus</i>	+			
80420	<i>Cricotopus (C.) bicinctus</i>	+			
82300	<i>Xylotopus par</i>	+			
82730	<i>Chironomus (C.) decorus group</i>	+			
82820	<i>Cryptochironomus sp</i>	+			
84460	<i>Polypedilum (P.) fallax group</i>	+			
84480	<i>Polypedilum (P.) laetum group</i>	+			
84700	<i>Stenochironomus sp</i>	+			
84750	<i>Stictochironomus sp</i>	+			
85230	<i>Cladotanytarsus mancus group</i>	+			

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

Site: Plum Creek

Collection Date: 07/24/2007 River Code: 03-163 RM: 1.48

Taxa Code	Taxa	Quant/Qual	Taxa Code	Taxa	Quant/Qual
08240	<i>Orconectes (Crockerinus) propinquus</i>	+			
21200	<i>Calopteryx sp</i>	+			
23909	<i>Boyeria vinosa</i>	+			
45300	<i>Sigara sp</i>	+			
47600	<i>Sialis sp</i>	+			
50804	<i>Lype diversa</i>	+			
52200	<i>Cheumatopsyche sp</i>	+			
55107	<i>Oligostomis pardalis</i>	+			
57900	<i>Pycnopsyche sp</i>	+			
63300	<i>Hydroporini</i>	+			
63700	<i>Ilybius sp</i>	+			
65700	<i>Anacaena sp</i>	+			
68130	<i>Helichus sp</i>	+			
68707	<i>Dubiraphia quadrinotata</i>	+			
69400	<i>Stenelmis sp</i>	+			
70700	<i>Dicranota sp</i>	+			
71700	<i>Pilaria sp</i>	+			
71900	<i>Tipula sp</i>	+			
71910	<i>Tipula abdominalis</i>	+			
72700	<i>Anopheles sp</i>	+			
74501	<i>Ceratopogonidae</i>	+			
77800	<i>Helopelopia sp</i>	+			
78350	<i>Meropelopia sp</i>	+			
80370	<i>Corynoneura lobata</i>	+			
81650	<i>Parametriocnemus sp</i>	+			
82710	<i>Chironomus (C.) sp</i>	+			
83840	<i>Microtendipes pedellus group</i>	+			
84440	<i>Polypedilum (Uresipedilum) aviceps</i>	+			
84469	<i>Polypedilum (P.) illinoense group</i>	+			
84700	<i>Stenochironomus sp</i>	+			
85500	<i>Paratanytarsus sp</i>	+			
85501	<i>Paratanytarsus n.sp 1</i>	+			
85625	<i>Rheotanytarsus sp</i>	+			
85800	<i>Tanytarsus sp</i>	+			
85802	<i>Tanytarsus curticornis</i>	+			
85821	<i>Tanytarsus glabrescens group sp 7</i>	+			
86100	<i>Chrysops sp</i>	+			
87540	<i>Hemerodromia sp</i>	+			
95100	<i>Physella sp</i>	+			

No. Quantitative Taxa: 0 Total Taxa: 39
 No. Qualitative Taxa: 39 ICI:
 Number of Organisms: 0 Qual EPT: 4

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