

Brandywine Creek Downstream of Former Hudson WWTP

River Mile: 7.85
 Drainage Area: 5.8 miles²

OEPA

**Taxa
Code**

Species

**Number
HD Qual**

Taxa Code	Species	HD	Qual
1320	Hydra sp	1	
1801	Turbellaria	299	+
3600	Oligochaeta	29	+
4664	Helobdella stagnalis		+
4960	Erpobdella sp (= Mooreobdella)	1	+
11120	Baetis flavistriga		+
21200	Calopteryx sp		+
22001	Coenagrionidae	11	+
22300	Argia sp	14	+
23804	Basiaeschna janata	2	
27307	Epitheca (Epicordulia) princeps		+
53800	Hydroptila sp	6	
60900	Peltodytes sp		+
65510	Hydrobiinae	6	+
65800	Berosus sp	14	+
68700	Dubiraphia sp	2	
69400	Stenelmis sp	5	
71900	Tipula sp	1	
74501	Ceratopogonidae	4	
78655	Procladius (Holotanypus) sp	4	+
79100	Thienemannimyia group	18	
80420	Cricotopus (C.) bicinctus		+
80510	Cricotopus (Isocladius) sylvestris group		+
81231	Nanocladius (N.) crassicornus or N. (N.) "rectinervis"	4	
81240	Nanocladius (N.) distinctus	4	
82882	Cryptotendipes sp 2	4	
83040	Dicrotendipes neomodestus	227	+
83051	Dicrotendipes simpsoni	22	
83300	Glyptotendipes (G.) sp	26	
84210	Paratendipes albimanus or P. duplicatus	4	
84470	Polypedilum (P.) illinoense	7	+
84520	Polypedilum (Tripodura) halterale group	4	
85500	Paratanytarsus sp		+
85814	Tanytarsus glabrescens group	22	
87540	Hemerodromia sp	2	
95100	Physella sp		+
95900	Gyraulus sp	5	
96002	Helisoma anceps anceps		+
98600	Sphaerium sp	18	+

Number of Organisms	766
ICI Score	24
Number of Quantitative Taxa	29
Number of Qualitative Taxa	21
Number of Qualitative EPT Taxa	1
Total Number of Taxa	39

Brandywine Creek Upstream of East Highland Road

River Mile: 3.55
 Drainage Area: 22.9 miles²

OEPA

Taxa Code	Species	Number	
		HD	Qual
1320	Hydra sp	17	
1801	Turbellaria	108	+
2600	Nematomorpha	16	
3360	Plumatella sp		+
3600	Oligochaeta	84	+
5800	Caecidotea sp	33	+
6700	Crangonyx sp		+
11120	Baetis flavistriga	173	+
11130	Baetis intercalaris	86	+
13521	Stenonema femoratum	1	
17200	Caenis sp	2	
50301	Chimarra aterrima	10	+
52200	Cheumatopsyche sp	590	+
52431	Ceratopsyche morosa	20	+
52450	Ceratopsyche sparna	10	
52530	Hydropsyche depravata group	40	+
53800	Hydroptila sp	55	+
68601	Ancyronyx variegata	4	
68901	Macronychus glabratus	2	
69400	Stenelmis sp	68	
70600	Antocha sp	33	
71900	Tipula sp		+
74100	Simulium sp		+
78450	Nilotanytus fimbriatus	213	
79100	Thienemannimyia group	285	+
80370	Corynoneura lobata	89	
80420	Cricotopus (C.) bicinctus	19	+
80430	Cricotopus (C.) tremulus group	19	
81650	Parametrioconemus sp	95	
81825	Rheocricotopus (Psilocricotopus) robacki	152	+
82130	Thienemanniella similis	35	
82141	Thienemanniella xena	16	
82730	Chironomus (C.) decorus group		+
83840	Microtendipes pedellus group	19	
84210	Paratendipes albimanus or P. duplicatus		+
84450	Polypedilum (Uresipedilum) flavum	228	
84460	Polypedilum (P.) fallax group	57	
84470	Polypedilum (P.) illinoense	19	
85500	Paratanytarsus sp	38	
85625	Rheotanytarsus sp	171	+
85821	Tanytarsus glabrescens group sp 7	475	+
85840	Tanytarsus sepp	38	
87540	Hemerodromia sp	45	
93200	Hydrobiidae		+
95900	Gyraulus sp	3	
96900	Ferrissia sp	7	

Brandywine Creek Upstream of East Highland Road

River Mile: 3.55

Drainage Area: 22.9 miles²

97601	Corbicula fluminea	1	+
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Number of Organisms 3376
ICI Score 40
Number of Quantitative Taxa 40
Number of Qualitative Taxa 23
Number of Qualitative EPT Taxa 7
Total Number of Taxa 47

Brandywine Creek At Brandywine Ski Resort

River Mile: 0.45

Drainage Area: 27.0 miles²

OEPA

Taxa Code	Species	Number	
		HD	Qual
1801	Turbellaria	37	+
3600	Oligochaeta	1	+
5800	Caecidotea sp		+
6700	Crangonyx sp		+
8200	Orconectes sp		+
11120	Baetis flavistriga	57	+
11130	Baetis intercalaris	352	+
13400	Stenacron sp		+
13521	Stenonema femoratum		+
16700	Tricorythodes sp	1	
17200	Caenis sp		+
21200	Calopteryx sp		+
21300	Hetaerina sp		+
22001	Coenagrionidae		+
22300	Argia sp		+
23905	Boyeria grafiana		+
23909	Boyeria vinosa		+
24900	Gomphus sp		+
25510	Stylogomphus albistylus		+
42700	Belostoma sp		+
50301	Chimarra aterrima	9	+
50315	Chimarra obscura	9	+
52200	Cheumatopsyche sp	3146	+
52431	Ceratopsyche morosa	1011	+
52530	Hydropsyche depravata group	5	
65800	Berosus sp		+
67750	Sperchopsis tessellatus		+
68075	Psephenus herricki		+
68901	Macronychus glabratus		+
69400	Stenelmis sp		+
70600	Antocha sp	33	
71900	Tipula sp		+
74100	Simulium sp	37	+
77120	Ablabesmyia mallochi		+
78450	Nilotanypus fimbriatus		+
79100	Thienemannimyia group	68	+
80310	Cardiocladius obscurus		+
82220	Tvetenia discoloripes group	68	
83040	Dicrotendipes neomodestus		+
83840	Microtendipes pedellus group		+
84210	Paratendipes albimanus or P. duplicatus		+
84450	Polypedilum (Uresipedilum) flavum	474	
85500	Paratanytarsus sp		+
85625	Rheotanytarsus sp	5349	
85821	Tanytarsus glabrescens group sp 7	474	+
85840	Tanytarsus sepp		+

Brandywine Creek At Brandywine Ski Resort

River Mile: 0.45

Drainage Area: 27.0 miles²

87540	Hemerodromia sp	18	
95100	Physella sp		+
96900	Ferrissia sp	1	
97601	Corbicula fluminea	1	

Number of Organisms 11151
ICI Score 42
Number of Quantitative Taxa 20
Number of Qualitative Taxa 41
Number of Qualitative EPT Taxa 9
Total Number of Taxa 50