

Brandywine Creek Downstream of Former Hudson WWTP

River Mile: 7.85
 Drainage Area: 5.8 miles²

OEPA

Taxa Code	Species	Number	
		HD	Qual
1801	Turbellaria	310	+
1900	Nemertea	5	
3600	Oligochaeta	304	+
4664	Helobdella stagnalis	10	
4666	Helobdella papillata	1	+
4960	Erpobdella sp (= Mooreobdella)	8	+
6201	Hyalella sp	2	+
8601	Hydrachnidia	1	+
11120	Baetis flavistriga	1	+
11200	Callibaetis sp		+
17200	Caenis sp	1	+
21200	Calopteryx sp	1	+
22001	Coenagrionidae	18	+
22300	Argia sp	62	+
23804	Basiaeschna janata		+
42700	Belostoma sp		+
52200	Cheumatopsyche sp	1	
53800	Hydroptila sp	8	
59310	Mystacides sepulchralis	1	
59500	Oecetis sp	1	
59520	Oecetis cinerascens		+
59555	Oecetis inconspicua complex sp F (sensu Floyd, 1995)	1	
65800	Berosus sp	26	+
66500	Enochrus sp		+
67700	Paracymus sp		+
74100	Simulium sp		+
77120	Ablabesmyia mallochi	4	
79100	Thienemannimyia group	4	
80470	Cricotopus (C.) or Orthocladius (O.) sp	4	
81231	Nanocladius (N.) crassicornus or N. (N.) "rectinervis"	4	
83040	Dicrotendipes neomodestus	36	
83150	Endochironomus sp	4	+
83300	Glyptotendipes (G.) sp	28	
84210	Paratendipes albimanus or P. duplicatus	4	
84450	Polypedilum (Uresipedilum) flavum	4	
85500	Paratanytarsus sp	4	
85625	Rheotanytarsus sp	12	
85821	Tanytarsus glabrescens group sp 7	4	
87540	Hemerodromia sp	1	
93200	Hydrobiidae	28	+
94201	Lymnaeidae		+
95100	Physella sp		+
96002	Helisoma anceps anceps	1	+
98200	Pisidium sp	6	+
98600	Sphaerium sp	14	

Brandywine Creek Downstream of Former Hudson WWTP

River Mile: 7.85

Drainage Area: 5.8 miles²

Number of Organisms	924
ICI Score	24
Number of Quantitative Taxa	36
Number of Qualitative Taxa	25
Number of Qualitative EPT Taxa	4
Total Number of Taxa	45

Brandywine Creek Upstream of East Highland Road

River Mile: 3.55

Drainage Area: 22.9 miles²

OEPA

Taxa Code	Species	Number	
		HD	Qual
1801	Turbellaria	165	+
3600	Oligochaeta	3	
5800	Caecidotea sp	23	+
6700	Crangonyx sp	1	
11120	Baetis flavistriga	36	+
11130	Baetis intercalaris	430	+
13521	Stenonema femoratum	1	+
17200	Caenis sp	24	+
21200	Calopteryx sp		+
21300	Hetaerina sp		+
22001	Coenagrionidae	1	
22300	Argia sp	1	
50301	Chimarra aterrima	26	+
52200	Cheumatopsyche sp	66	+
52431	Ceratopsyche morosa	1	+
52450	Ceratopsyche sparna	3	+
52530	Hydropsyche depravata group	140	+
53800	Hydroptila sp	7	
68601	Ancyronyx variegata	3	
69400	Stenelmis sp	7	
70600	Antocha sp		+
71900	Tipula sp		+
74100	Simulium sp	6	+
78450	Nilotanytus fimbriatus	26	
79100	Thienemannimyia group	28	+
80370	Corynoneura lobata	18	
80420	Cricotopus (C.) bicinctus		+
81825	Rheocricotopus (Psilocricotopus) robacki	22	
82100	Thienemanniella sp	6	
82141	Thienemanniella xena	3	
83840	Microtendipes pedellus group	3	
84000	Parachironomus sp	3	
84300	Phaenopsectra obediens group	3	
84440	Polypedilum (Uresipedilum) aviceps	6	
84450	Polypedilum (Uresipedilum) flavum	72	+
84460	Polypedilum (P.) fallax group	6	
85500	Paratanytarsus sp	3	
85625	Rheotanytarsus sp	44	+
85821	Tanytarsus glabrescens group sp 7	53	
87540	Hemerodromia sp	2	
93200	Hydrobiidae	1	
95900	Gyraulus sp	1	
96900	Ferrissia sp	43	
98600	Sphaerium sp	7	

Number of Organisms 1294

Brandywine Creek Upstream of East Highland Road

River Mile:	3.55	
Drainage Area:	22.9	miles²
ICI Score	46	
Number of Quantitative Taxa	39	
Number of Qualitative Taxa	20	
Number of Qualitative EPT Taxa	9	
Total Number of Taxa	44	

Brandywine Creek at Brandywine Ski Resort

River Mile: 0.45
 Drainage Area: 27.0 miles²

OEPA

Taxa Code	Species	Number	
		HD	Qual
1801	Turbellaria	38	+
3600	Oligochaeta	33	+
5800	Caecidotea sp		+
6201	Hyalella sp		+
8200	Orconectes sp		+
11120	Baetis flavistriga	128	+
11130	Baetis intercalaris	183	
13400	Stenacron sp	9	+
13521	Stenonema femoratum	20	+
13570	Maccaffertium terminatum	110	+
16700	Tricorythodes sp	2	
17200	Caenis sp	337	+
21200	Calopteryx sp	4	+
21300	Hetaerina sp	1	+
22001	Coenagrionidae		+
22300	Argia sp	4	+
23909	Boyeria vinosa		+
43570	Neoplea sp		+
50301	Chimarra aterrima	18	+
50315	Chimarra obscura	49	+
51300	Neureclipsis sp	17	+
52200	Cheumatopsyche sp	1374	+
52431	Ceratopsyche morosa	268	+
52530	Hydropsyche depravata group	1	+
53800	Hydroptila sp	1	
61001	Dytiscidae		+
65800	Berosus sp	1	
67800	Tropisternus sp		+
68075	Psephenus herricki		+
68601	Ancyronyx variegata	8	+
69400	Stenelmis sp	6	+
70600	Antocha sp	6	+
71900	Tipula sp		+
74100	Simulium sp		+
78450	Nilotanypus fimbriatus	161	
79100	Thienemannimyia group	323	+
80350	Corynoneura sp	56	
80420	Cricotopus (C.) bicinctus	121	
80470	Cricotopus (C.) or Orthocladius (O.) sp		+
81650	Parametricnemus sp	40	
81825	Rheocricotopus (Psilocricotopus) robacki	40	
82141	Thienemanniella xena	72	
82220	Tvetenia discoloripes group	40	+
82730	Chironomus (C.) decorus group		+
83040	Dicrotendipes neomodestus	121	+
83840	Microtendipes pedellus group	121	

Brandywine Creek at Brandywine Ski Resort

River Mile: 0.45

Drainage Area: 27.0 miles²

84450	Polypedilum (Uresipedilum) flavum	81	
84460	Polypedilum (P.) fallax group	40	
84470	Polypedilum (P.) illinoense		+
85200	Cladotanytarsus sp	121	
85500	Paratanytarsus sp	121	
85625	Rheotanytarsus sp	1212	+
85821	Tanytarsus glabrescens group sp 7	1212	
85840	Tanytarsus sepp	162	+
87501	Empididae		+
95100	Physella sp		+
96900	Ferrissia sp	1	+
97601	Corbicula fluminea		+

Number of Organisms	6663
ICI Score	50
Number of Quantitative Taxa	41
Number of Qualitative Taxa	42
Number of Qualitative EPT Taxa	11
Total Number of Taxa	58