

C1 Table 1 Update of AMNET Data

Drainage	Station	Stream	Location	Municipality	County	SampleDate-2	AMNET Rnd2	Hab.Rating Rnd2	SampleDate-3	AMNET Rnd3	Hab.Rating Rnd3	Notes:
Pequest River/Bear Ck	AN0040	Bear Ck	Shades of Death Rd.	Allamuchy Twp	Warren	9/23/1997	Moderate	Suboptimal	10/8/2002	Moderate	Optimal	NJIS declined from 21 to 12
	AN0038	Trout Bk	Rt. 612	Allamuchy Twp	Warren	6/2/1993	Moderate		10/8/2002	Moderate	Suboptimal	No habitat assessment from 1993
Pequest River/Beaver Bk	AN0045	Beaver Bk	Ridgeway Ave.	Hope Twp	Warren	9/16/1997	Non-impaired	Suboptimal	10/22/2002	Non-impaired	Optimal	NJIS declined from 30 to 24
	AN0047	Beaver Bk	Off Rt. 618 (USGS gauge)	White Twp	Warren	10/2/1997	Non-impaired	Optimal	10/22/2002	Non-impaired	Optimal	
	AN0046	Honey Run	Rt. 519	Hope Twp	Warren	9/16/1997	Non-impaired	Suboptimal	10/22/2002	Moderate	Suboptimal	NJIS declined from 24 to 15
Musconetcong River	AN0062	Musconetcong River	Outlet of Lake Hopatcong	Roxbury Twp	Morris	8/12/1997	Moderate	Suboptimal	11/14/2002	Non-impaired	Suboptimal	NJIS improved from 21 to 27
	AN0063	Musconetcong River	Waterloo Rd.	Mt. Olive Twp	Morris & Sussex	8/12/1997	Non-impaired	Optimal	11/14/2002	Non-impaired	Optimal	
	AN0064	Musconetcong River	Off Rt. 604	Byram Twp	Sussex & Morris	8/7/1997	Non-impaired	Optimal	11/14/2002	Non-impaired	Optimal	
	AN0069	Musconetcong River	Kings Hwy.	Mansfield Twp	Warren & Morris	8/5/1997	Non-impaired	Suboptimal	11/19/2002	Non-impaired	Optimal	
	AN0072	Musconetcong River	Springtown Rd.	Lebanon Twp	Hunterdon & Warren	7/8/1997	Moderate	Optimal	11/20/2002	Non-impaired	Optimal	NJIS improved from 15 to 24
	AN0073	Musconetcong River	Rt. 579	Bloomsbury Boro	Hunterdon & Warren	7/8/1997	Non-impaired	Optimal	11/7/2002	Non-impaired	Optimal	
	AN0074	Musconetcong River	River Rd. (Rt. 627)	Pohatcong Twp	Warren	7/8/1997	Non-impaired	Optimal	11/7/2002	Non-impaired	Optimal	
	AN0065	Lubbers Run	Rt. 607	Byram Twp	Sussex	8/7/1997	Non-impaired	Optimal	11/19/2002	Moderate	Suboptimal	
	AN0066	Lubbers Run	Rt. 206	Byram Twp	Sussex	8/7/1997	Non-impaired	Optimal	5/29/2002	Non-impaired	Optimal	
Whippany River	AN0232	Whippany River	Mt. Pleasant Rd.	Mendham Twp	Morris	7/15/1998	Non-impaired	Optimal	8/14/2003	Non-impaired	Optimal	NJIS improved from 21 to 24
	AN0233	Whippany River	Whitehead Rd.	Morris Twp	Morris	8/4/1998	Moderate	Suboptimal	8/14/2003	Non-impaired	Suboptimal	
	AN0234	Whippany River	Ridgedale Ave.	Morristown	Morris	11/10/1998	Non-impaired	Suboptimal	8/14/2003	Moderate	Suboptimal	Both scores borderline non-impaired (24)
	AN0234A	Watnong Bk	Lake Rd.	Morristown	Morris	9/23/1998	Non-impaired	Optimal	8/14/2003	Non-impaired	Suboptimal	
	AN0235	Whippany River	Jefferson Rd	Hanover Twp	Morris	11/10/1998	Moderate	Suboptimal	8/19/2003	Moderate	Suboptimal	
	AN0236	Troy Bk	Lake Dr.	Mountain Lakes Boro	Morris	7/20/1998	Moderate	Suboptimal	8/21/2003	Moderate	Optimal	
	AN0237	Troy Bk	Beverwyck Rd.	Parsippany-Troy Hill Twp	Morris	7/15/1998	Non-impaired	Optimal	8/19/2003	Non-impaired	Suboptimal	
	AN0238	Whippany River	Edward Rd	East Hanover Twp	Morris	7/15/1998	Moderate	Suboptimal	8/19/2003	Moderate	Marginal	
	AN0238B	Malapardis Bk	Mt. Pleasant Ave.	Hanover Twp	Morris	9/23/1998	Non-impaired	Optimal	8/19/2003	Non-impaired	Suboptimal	
Rockaway River	AN0249	Stony Bk	Valley Rd	Boonton Twp	Morris	7/20/1998	Moderate	Marginal	9/25/2003	Moderate	Suboptimal	
Rockaway River/ Russia Bk	AN0239	Russia Bk	Milton-Dover Rd	Jefferson Twp	Morris	7/16/1998	Non-impaired	Optimal	9/16/2003	Non-impaired	Optimal	
Rockaway Ck/ Lamington River*	AN0362	Cold Bk	Vliettown Rd.	Tewksbury Twp	Hunterdon	5/13/1999	Non-impaired	Optimal	5/25/2004	Non-impaired	Suboptimal	
	AN0363	Lamington River	Rt. 523	Bedminster Twp	Somerset & Hunterdon	5/13/1999	Non-impaired	Optimal	5/25/2004	Non-impaired	Suboptimal	
	AN0364	N Br Rockaway Ck	Fairmount Ave. (Rt. 51)	Tewksbury Twp	Hunterdon	5/11/1999	Non-impaired	Marginal	4/27/2004	Non-impaired	Suboptimal	
	AN0365	N Br Rockaway Ck	Rockaway Rd	Tewksbury Twp	Hunterdon	5/11/1999	Non-impaired	Suboptimal	4/27/2004	Non-impaired	Suboptimal	
	AN0366	N Br Rockaway Ck	Rockaway Rd @ Taylo	Readington Twp	Hunterdon	5/11/1999	Non-impaired	Suboptimal	4/27/2004	Non-impaired	Optimal	
	AN0367	S Br Rockaway Ck	Windy Acres Farm (unp)	Lebanon Boro	Hunterdon	5/12/1999	Non-impaired	Optimal	5/4/2004	Moderate	Optimal	NJIS declined from 30 to 21
	AN0368	S Br Rockaway Ck	Rt. 22	Readington Twp	Hunterdon	5/13/1999	Moderate	Suboptimal	5/4/2004	Moderate	Optimal	NJIS declined from 21 to 15
	AN0369	Rockaway Ck	Island Rd	Readington Twp	Hunterdon	7/8/1999	Non-impaired	Suboptimal	4/20/2004	Moderate	Marginal	NJIS declined from 27 to 15
AN0370	Lamington River	Cowperthwaite Rd	Branchburg Twp	Somerset	7/8/1999	Non-impaired	Optimal	4/20/2004	Non-impaired	Suboptimal		
Walkkill River	AN0301	Beaver Run	Cemetery Rd	Wantage Twp	Sussex	6/11/1998	Moderate	Suboptimal	4/10/2003	Moderate	Suboptimal	
	AN0297	Walkkill River	Rt. 15	Sparta Twp	Sussex	6/16/1998	Moderate	Optimal	4/3/2003	Moderate	Optimal	
	AN0298	Walkkill River	Kennedy Ave.	Ogdensburg Twp	Sussex	6/11/1998	Moderate	Suboptimal	4/3/2003	Moderate	Optimal	
	AN0299	Walkkill River	Scott Rd.	Franklin Boro	Sussex	6/11/1998	Moderate	Optimal	4/3/2003	Non-impaired	Optimal	NJIS improved from 18 to 24
	AN0300	Walkkill River	Rt. 94	Hamburg Boro	Sussex	6/11/1998	Moderate	Optimal	4/10/2003	Non-impaired	Suboptimal	NJIS improved from 15 to 24
	AN0302	Walkkill River	Rt. 565	Wantage Twp	Sussex	6/10/1998	Moderate	Suboptimal	4/10/2003	Moderate	Suboptimal	NJIS declined from 21 to 12

\*All taxonomic data is available in STORET except most recent data for Lamington River and Rockaway Creek drainage which is only available in BFBM paper copies