

Table 28. Endpoint data for the 28-day bed-sediment chronic toxicology study (batch 1) of the estuarine amphipod *Leptocheirus plumulosus* in samples collected from the harbors and bays in New Jersey and New York during the Hurricane Sandy reconnaissance study, July–August 2013.

[Samples were analyzed at the U.S. Army Corps of Engineers, Engineer Research and Development Center, Vicksburg, Mississippi, and are archived in a project database. mg, milligrams; --, no data]

Site code	Replicate	Survival	Survival (percent)	Number of neonates recovered	Ratio of number of neonates to number of survivors	Number of animals weighed	Pan weight (mg)	Pan and animal dry weight (mg)	Total biomass (mg)	Recovery-based total biomass (mg)	Mean individual dry weight (mg)
Control	A	17	85	8	0.5	17	174.818	182.882	8.064	8.064	0.474
Control	B	18	90	24	1.3	18	170.212	187.524	17.312	17.312	0.962
Control	C	18	90	37	2.1	18	167.278	184.444	17.166	17.166	0.954
Control	D	20	100	25	1.3	20	141.914	167.098	25.184	25.184	1.259
Control	E	20	100	27	1.4	20	138.660	152.100	13.440	13.440	0.672
BB01	A	20	100	3	0.2	20	156.228	168.366	12.138	12.138	0.607
BB01	B	15	75	0	0.0	15	147.950	154.160	6.210	6.210	0.414
BB01	C	10	50	7	0.7	10	185.024	188.988	3.964	3.964	0.396
BB01	D	15	75	0	0.0	15	162.264	168.234	5.970	5.970	0.398
BB01	E	16	80	0	0.0	16	155.402	166.380	10.978	10.978	0.686
NAV1	A	15	75	38	2.5	15	173.606	196.856	23.250	23.250	1.550
NAV1	B	15	75	49	3.3	15	170.336	186.502	16.166	16.166	1.078
NAV1	C	18	90	69	3.8	18	156.606	181.934	25.328	25.328	1.407
NAV1	D	15	75	24	1.6	15	177.768	187.118	9.350	9.350	0.623
NAV1	E	20	100	31	1.6	20	164.204	184.856	20.652	20.652	1.033
BB03	A	18	90	79	4.4	18	168.578	187.378	18.800	18.800	1.044
BB03	B	18	90	39	2.2	18	166.544	181.784	15.240	15.240	0.847
BB03	C	20	--	--	--	--	--	--	--	--	--
BB03	D	4	20	0	0.0	4	152.616	155.580	2.964	2.964	0.741
BB03	E	6	30	0	0.0	6	151.072	154.482	3.410	3.410	0.568
BB05A	A	20	100	16	0.8	20	158.056	176.620	18.564	18.564	0.928
BB05A	B	20	100	31	1.6	20	167.520	191.040	23.520	23.520	1.176
BB05A	C	19	95	27	1.4	19	158.350	182.124	23.774	23.774	1.251
BB05A	D	18	90	49	2.7	18	141.736	164.876	23.140	23.140	1.286
BB05A	E	20	100	27	1.4	20	161.564	188.942	27.378	27.378	1.369
BB06	A	17	85	7	0.4	17	183.160	200.988	17.828	17.828	1.049
BB06	B	20	100	9	0.5	20	193.974	216.610	22.636	22.636	1.132
BB06	C	18	90	9	0.5	18	168.762	196.416	27.654	27.654	1.536
BB06	D	20	100	28	1.4	20	167.262	188.416	21.154	21.154	1.058
BB06	E	20	100	75	3.8	20	146.168	178.524	32.356	32.356	1.618
BB07A	A	17	85	16	0.9	17	151.210	168.078	16.868	16.868	0.992
BB07A	B	20	100	23	1.2	20	146.704	158.534	11.830	11.830	0.591
BB07A	C	19	95	44	2.3	19	167.170	190.540	23.370	23.370	1.230
BB07A	D	20	100	26	1.3	20	132.828	143.702	10.874	10.874	0.544
BB07A	E	20	100	88	4.4	20	163.424	185.486	22.062	22.062	1.103
BB09	A	20	100	10	0.5	20	171.070	197.076	26.006	26.006	1.300
BB09	B	19	95	3	0.2	19	165.874	191.862	25.988	25.988	1.368
BB09	C	18	90	2	0.1	18	153.834	176.308	22.474	22.474	1.249
BB09	D	19	95	2	0.1	19	145.678	157.890	12.212	12.212	0.643
BB09	E	18	90	34	1.9	18	182.072	201.852	19.780	19.780	1.099

2 Estuarine Bed-Sediment-Quality Data Collected in New Jersey and New York after Hurricane Sandy, 2013

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Site code	Replicate	Survival	Survival (percent)	Number of neonates recovered	Ratio of number of neonates to number of survivors	Number of animals weighed	Pan weight (mg)	Pan and animal dry weight (mg)	Total biomass (mg)	Recovery-based total biomass (mg)	Mean individual dry weight (mg)
BB10	A	11	55	2	0.2	11	169.352	177.256	7.904	7.904	0.719
BB10	B	20	100	74	3.4	22	152.076	174.920	22.844	20.767	1.038
BB10	C	20	100	4	0.2	20	160.226	183.256	23.030	23.030	1.152
BB10	D	15	75	5	0.3	15	140.668	153.218	12.550	12.550	0.837
BB10	E	17	85	16	0.9	17	169.946	183.818	13.872	13.872	0.816
BB11	A	13	65	0	0.0	13	148.516	159.392	10.876	10.876	0.837
BB11	B	17	85	31	1.8	17	159.052	171.680	12.628	12.628	0.743
BB11	C	9	45	2	0.2	9	148.756	152.188	3.432	3.432	0.381
BB11	D	20	100	2	0.1	22	146.942	165.232	18.290	16.627	0.831
BB11	E	18	90	27	1.5	18	162.564	181.910	19.346	19.346	1.075
BB13	A	20	100	25	1.3	20	156.406	182.252	25.846	25.846	1.292
BB13	B	20	100	4	0.2	20	130.870	140.660	9.790	9.790	0.489
BB13	C	20	100	51	2.4	21	141.776	162.084	20.308	19.341	0.967
BB13	D	19	95	39	2.1	19	148.158	170.440	22.282	22.282	1.173
BB13	E	19	95	4	0.2	19	159.156	172.360	13.204	13.204	0.695
BBD/SJ2	A	19	95	10	0.5	19	158.828	174.850	16.022	16.022	0.843
BBD/SJ2	B	19	95	16	0.8	19	154.818	173.550	18.732	18.732	0.986
BBD/SJ2	C	19	95	7	0.4	19	186.278	202.134	15.856	15.856	0.835
BBD/SJ2	D	16	80	8	0.5	15	140.064	151.518	11.454	12.218	0.764
BBD/SJ2	E	17	85	10	0.6	17	139.712	153.326	13.614	13.614	0.801
BBF/SJ1	A	20	100	13	0.7	20	139.504	151.528	12.024	12.024	0.601
BBF/SJ1	B	17	85	57	3.4	17	139.876	153.096	13.220	13.220	0.778
BBF/SJ1	C	19	95	71	3.7	19	125.000	154.806	29.806	29.806	1.569
BBF/SJ1	D	19	95	30	1.6	19	145.220	170.890	25.670	25.670	1.351
BBF/SJ1	E	20	100	24	1.2	20	152.726	179.642	29.916	29.916	1.346
BBI/SJ4	A	19	95	43	2.3	19	136.572	160.452	23.880	23.880	1.257
BBI/SJ4	B	19	95	2	0.1	19	144.128	167.364	23.236	23.236	1.223
BBI/SJ4	C	20	100	83	4.0	21	137.842	170.718	32.876	31.310	1.566
BBI/SJ4	D	20	100	38	1.9	20	134.702	161.574	26.872	26.872	1.344
BBI/SJ4	E	19	95	43	2.3	19	134.434	161.170	26.736	26.736	1.407
FB01	A	15	75	11	0.7	15	146.924	153.208	6.284	6.284	0.419
FB01	B	19	95	25	1.3	19	137.346	150.600	13.254	13.254	0.698
FB01	C	17	85	13	0.8	17	130.038	147.092	17.054	17.054	1.003
FB01	D	19	95	17	0.9	19	135.650	161.930	26.280	26.280	1.383
FB01	E	17	85	32	1.9	17	145.670	169.196	23.526	23.526	1.384
FB02	A	18	90	4	0.2	18	135.796	145.956	10.160	10.160	0.564
FB02	B	18	90	23	1.3	18	122.764	140.244	17.480	17.480	0.971
FB02	C	18	90	40	2.2	18	142.884	156.806	13.922	13.922	0.773
FB02	D	17	85	7	0.4	17	125.112	142.000	16.888	16.888	0.993
FB02	E	17	85	81	4.8	17	145.052	167.238	22.186	22.186	1.305

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FB03	A	14	70	13	0.9	14	155.742	169.914	14.172	14.172	1.012
FB03	B	16	80	71	4.4	16	139.054	157.230	18.176	18.176	1.136
FB03	C	20	100	18	0.9	20	139.532	158.140	18.608	18.608	0.930
FB03	D	13	65	0	0.0	13	147.484	155.962	8.478	8.478	0.652
FB03	E	--	--	--	--	--	--	--	--	--	--
MB01	A	20	100	6	0.3	21	133.220	159.106	25.886	24.653	1.233
MB01	B	19	95	48	2.5	19	142.930	173.132	30.202	30.202	1.590
MB01	C	18	90	14	0.8	18	171.666	187.348	15.682	15.682	0.871
MB01	D	20	100	24	1.2	20	134.600	170.658	36.058	36.058	1.803
MB01	E	17	85	30	1.8	17	151.140	180.286	29.146	29.146	1.714
BB02	A	11	55	26	2.4	11	135.348	142.636	7.288	7.288	0.663
BB02	B	17	85	2	0.1	17	167.024	175.912	8.888	8.888	0.523
BB02	C	16	80	107	6.7	16	171.286	191.756	20.470	20.470	1.279
BB02	D	20	100	32	1.6	20	150.902	167.738	16.836	16.836	0.842
BB02	E	20	100	33	1.7	20	175.040	194.194	19.154	19.154	0.958
MB02	A	20	100	69	3.3	21	145.880	184.158	38.278	36.455	1.823
MB02	B	17	85	40	2.4	17	134.616	158.704	24.088	24.088	1.417
MB02	C	17	85	27	1.6	17	156.206	184.648	28.442	28.442	1.673
MB02	D	19	95	48	2.5	19	147.060	175.470	28.410	28.410	1.495
MB02	E	20	100	37	1.8	21	141.534	163.198	21.664	20.632	1.032
NAV2	A	19	95	44	2.3	19	156.398	184.088	27.690	27.690	1.457
NAV2	B	19	95	9	0.5	19	126.118	137.622	11.504	11.504	0.605
NAV2	C	19	95	17	0.9	19	145.888	160.224	14.336	14.336	0.755
NAV2	D	16	80	61	3.8	16	142.590	164.958	22.368	22.368	1.398
NAV2	E	18	90	77	4.3	18	138.432	169.254	30.822	30.822	1.712
PB01	A	20	100	28	1.4	20	149.956	170.346	20.390	20.390	1.020
PB01	B	19	95	18	0.9	19	139.986	153.382	13.396	13.396	0.705
PB01	C	20	100	3	0.1	21	144.342	154.908	10.566	10.063	0.503
PB01	D	20	100	37	1.9	20	146.460	163.800	17.340	17.340	0.867
PB01	E	14	70	27	1.9	14	136.484	152.890	16.406	16.406	1.172

