

**Table 29.** Endpoint data for the 28-day bed-sediment chronic toxicology study (batch 2) 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	16	80	55	3.4	16	183.040	194.850	11.810	11.810	0.738
Control	B	19	95	135	7.1	19	180.294	209.918	29.624	29.624	1.559
Control	C	20	100	190	9.5	20	177.604	204.338	26.734	26.734	1.337
Control	D	20	100	80	4.0	20	199.714	230.302	30.588	30.588	1.529
Control	E	16	80	49	3.1	16	193.634	220.396	26.762	26.762	1.673
GSB07	A	20	100	60	3.0	20	185.872	218.944	33.072	33.072	1.654
GSB07	B	20	100	33	1.7	20	164.154	196.950	32.796	32.796	1.640
GSB07	C	17	85	108	6.4	16	143.266	155.402	12.136	12.895	0.758
GSB07	D	18	90	59	3.3	18	167.276	202.554	35.278	35.278	1.960
GSB07	E	19	95	86	4.5	19	175.334	208.342	33.008	33.008	1.737
SHREW1	A	15	75	33	2.2	15	183.330	202.306	18.976	18.976	1.265
SHREW1	B	18	90	42	2.3	18	172.620	186.676	14.056	14.056	0.781
SHREW1	C	20	100	63	3.2	20	164.532	201.856	37.324	37.324	1.866
SHREW1	D	18	90	13	0.7	18	167.102	191.988	24.886	24.886	1.383
SHREW1	E	14	70	75	5.4	14	166.178	183.376	17.198	17.198	1.228
SHREW2	A	16	80	21	1.3	16	163.266	177.440	14.174	14.174	0.886
SHREW2	B	20	100	66	3.3	20	185.348	217.156	31.808	31.808	1.590
SHREW2	C	19	95	56	2.9	19	184.038	208.184	24.146	24.146	1.271
SHREW2	D	18	90	25	1.4	18	173.582	194.870	21.288	21.288	1.183
SHREW2	E	17	85	35	2.1	17	188.802	207.194	18.392	18.392	1.082
SOB01	A	20	100	57	2.9	20	183.936	217.234	33.298	33.298	1.665
SOB01	B	18	90	63	3.5	18	182.064	211.844	29.780	29.780	1.654
SOB01	C	19	95	41	2.2	19	176.634	207.568	30.934	30.934	1.628
SOB01	D	16	80	41	2.6	16	178.280	191.434	13.154	13.154	0.822
SOB01	E	20	100	27	1.4	20	195.216	226.656	31.440	31.440	1.572
MANA1	A	19	95	110	5.8	19	164.436	194.772	30.336	30.336	1.597
MANA1	B	19	95	78	4.1	19	170.630	200.634	30.004	30.004	1.579
MANA1	C	8	40	1	0.1	8	154.008	159.120	5.112	5.112	0.639
MANA1	D	20	100	80	4.0	20	183.108	214.428	31.320	31.320	1.566
MANA1	E	16	80	54	3.4	16	189.494	211.206	21.712	21.712	1.357
MANA2	A	18	90	18	1.0	18	159.046	183.404	24.358	24.358	1.353
MANA2	B	14	70	85	6.1	14	166.816	189.096	22.280	22.280	1.591
MANA2	C	18	90	80	4.4	18	181.774	206.442	24.668	24.668	1.370
MANA2	D	17	85	122	7.2	17	185.636	212.830	27.194	27.194	1.600
MANA2	E	18	90	32	1.8	18	188.762	208.940	20.178	20.178	1.121
BBJ/SJ3	A	16	80	6	0.4	16	172.666	181.646	8.980	8.980	0.561
BBJ/SJ3	B	19	95	9	0.5	19	173.052	193.602	20.550	20.550	1.082
BBJ/SJ3	C	20	100	39	2.0	20	188.048	208.870	20.822	20.822	1.041
BBJ/SJ3	D	16	80	7	0.4	16	158.616	175.568	16.952	16.952	1.060
BBJ/SJ3	E	20	100	82	4.1	20	165.410	194.710	29.300	29.300	1.465

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

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[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)
BBK/SJ5	A	15	75	25	1.7	15	171.648	186.406	14.758	14.758	0.984
BBK/SJ5	B	14	70	45	3.2	14	184.394	208.520	24.126	24.126	1.723
BBK/SJ5	C	18	90	35	1.9	18	139.916	162.454	22.538	22.538	1.252
BBK/SJ5	D	19	95	96	5.1	19	186.014	212.924	26.910	26.910	1.416
BBK/SJ5	E	19	95	91	4.8	19	164.404	178.260	13.856	13.856	0.729
BBB/SJ6	A	17	85	103	6.1	17	180.124	208.684	28.560	28.560	1.680
BBB/SJ6	B	20	100	37	1.9	20	190.164	225.914	35.750	35.750	1.788
BBB/SJ6	C	20	100	175	8.8	20	196.580	236.324	39.744	39.744	1.987
BBB/SJ6	D	18	90	43	2.4	18	172.612	205.094	32.482	32.482	1.805
BBB/SJ6	E	18	90	56	3.1	18	181.240	185.724	4.484	4.484	0.249
BBA/SJ7	A	16	80	63	3.9	16	176.172	198.736	22.564	22.564	1.410
BBA/SJ7	B	19	95	65	3.4	19	206.020	231.090	25.070	25.070	1.319
BBA/SJ7	C	17	85	23	1.4	17	193.080	217.826	24.746	24.746	1.456
BBA/SJ7	D	20	100	102	5.1	20	186.062	214.908	28.846	28.846	1.442
BBA/SJ7	E	18	90	72	4.0	18	192.746	221.398	28.652	28.652	1.592
BBL/SJ8	A	16	80	77	4.8	16	180.658	197.912	17.254	17.254	1.078
BBL/SJ8	B	17	85	0	0.0	17	168.984	178.980	9.996	9.996	0.588
BBL/SJ8	C	17	85	28	1.6	17	162.508	176.720	14.212	14.212	0.836
BBL/SJ8	D	19	95	77	4.1	19	179.784	208.368	28.584	28.584	1.504
BBL/SJ8	E	2	100	7	3.5	2	155.286	182.258	26.972	26.972	13.486
BBM/SJ9	A	16	80	89	5.6	16	162.972	194.540	31.568	31.568	1.973
BBM/SJ9	B	20	100	19	1.0	20	162.950	196.912	33.962	33.962	1.698
BBM/SJ9	C	20	100	176	8.8	20	167.602	199.606	32.004	32.004	1.600
BBM/SJ9	D	19	95	137	7.2	19	175.668	208.462	32.794	32.794	1.726
BBM/SJ9	E	19	95	73	3.8	19	159.678	188.158	28.480	28.480	1.499
BBC/SJ10	A	19	95	106	5.6	19	159.460	188.552	29.092	29.092	1.531
BBC/SJ10	B	0	0	--	--	--	--	--	0.000	0.000	--
BBC/SJ10	C	20	100	116	5.8	20	181.380	209.710	28.330	28.330	1.417
BBC/SJ10	D	18	90	9	0.5	18	166.554	184.118	17.564	17.564	0.976
BBC/SJ10	E	18	90	14	0.8	18	190.342	205.762	15.420	15.420	0.857
BBG/SJ11	A	15	75	75	5.0	15	181.792	209.968	28.176	28.176	1.878
BBG/SJ11	B	16	80	119	7.4	15	177.756	197.500	19.744	21.060	1.316
BBG/SJ11	C	17	85	55	3.2	17	192.288	220.794	28.506	28.506	1.677
BBG/SJ11	D	19	95	101	5.3	19	177.324	211.328	34.004	34.004	1.790
BBG/SJ11	E	19	95	106	5.6	19	199.510	226.124	26.614	26.614	1.401
BBH/SJ12	A	18	90	78	4.3	18	210.804	247.200	36.396	36.396	2.022
BBH/SJ12	B	20	100	83	4.2	20	177.506	215.002	37.496	37.496	1.875
BBH/SJ12	C	19	95	127	6.7	19	189.820	221.204	31.384	31.384	1.652
BBH/SJ12	D	15	75	35	2.3	15	168.136	188.672	20.536	20.536	1.369
BBH/SJ12	E	20	100	149	7.5	20	188.408	225.058	36.650	36.650	1.833

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BBE/SJ13	A	18	90	14	0.8	18	167.050	188.318	21.268	21.268	1.182
BBE/SJ13	B	20	100	102	5.1	20	172.062	202.068	30.006	30.006	1.500
BBE/SJ13	C	20	100	46	2.3	20	161.264	190.952	29.688	29.688	1.484
BBE/SJ13	D	15	75	33	2.2	15	176.876	198.818	21.942	21.942	1.463
BBE/SJ13	E	18	90	59	3.3	18	149.092	170.060	20.968	20.968	1.165
NOAA2	A	14	70	2	0.1	14	185.424	191.288	5.864	5.864	0.419
NOAA2	B	11	55	4	0.4	11	170.686	177.112	6.426	6.426	0.584
NOAA2	C	0	0	--	--	--	--	--	0.000	0.000	--
NOAA2	D	9	45	0	0.0	9	154.568	160.364	5.796	5.796	0.644
NOAA2	E	13	65	16	1.2	13	169.148	175.486	6.338	6.338	0.488
NOAA2 <sup>1</sup>	A	15	75	41	2.7	14	183.208	198.418	15.210	16.296	1.086
NOAA2 <sup>1</sup>	B	13	65	4	0.3	13	169.388	177.728	8.340	8.340	0.642
NOAA2 <sup>1</sup>	C	17	85	4	0.2	17	154.044	163.388	9.344	9.344	0.550
NOAA2 <sup>1</sup>	D	18	90	15	0.8	18	157.284	175.506	18.222	18.222	1.012
NOAA2 <sup>1</sup>	E	16	80	4	0.3	16	161.674	174.890	13.216	13.216	0.826
SHARK1	A	18	90	7	0.4	18	166.668	201.952	35.284	35.284	1.960
SHARK1	B	20	100	121	6.1	20	148.674	187.586	38.912	38.912	1.946
SHARK1	C	19	95	128	6.7	19	157.444	189.436	31.992	31.992	1.684
SHARK1	D	1	5	0	0.0	1	162.346	162.912	0.566	0.566	0.566
SHARK1	E	7	35	7	1.0	7	160.296	167.480	7.184	7.184	1.026
SHARK1 <sup>1</sup>	A	10	50	90	9.0	10	157.116	179.264	22.148	22.148	2.215
SHARK1 <sup>1</sup>	B	11	55	2	0.2	11	183.738	188.208	4.470	4.470	0.406
SHARK1 <sup>1</sup>	C	18	90	144	8.0	18	143.166	171.116	27.950	27.950	1.553
SHARK1 <sup>1</sup>	D	18	90	152	8.4	18	176.452	207.622	31.170	31.170	1.732
SHARK1 <sup>1</sup>	E	20	100	68	3.4	20	141.934	180.862	38.928	38.928	1.946

<sup>1</sup>Field replicate.

