

Table 27. Statistical summary for the 28-day bed-sediment chronic toxicology study (batch 3) of the control and environmental samples collected from the harbors and bays in New Jersey and New York during the Hurricane Sandy reconnaissance study, July–August 2013, and analyzed for the estuarine amphipod *Leptocheirus plumulosus* by survival rate, biomass, individual dry weight, and reproductive effects.

[Map location number refers to figures 2 and 3. 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. n, sample size; **bold** indicates value is significantly different from that for the control sample; --, not applicable]

Site code	Map location number	Mean	Standard deviation	Standard error	Coefficient of variance (percent)	n
Survival rate following 28-day exposure (percent)						
Control	--	89.0	7.50	3.80	8.50	4
NOAA3	28	88.0	14.4	6.40	16.4	5
NOAA3 ¹	28	99.0	2.50	1.30	2.50	4
BHB01	146	42.0	26.1	11.7	62.2	5
BMB01	147	89.0	8.50	4.30	9.60	4
HHB01 ¹	148	73.0	29.5	13.2	40.4	5
HHB01	148	38.0	33.8	15.1	89.0	5
RC01	149	83.0	13.5	6.00	16.3	5
RC02	150	65.0	40.5	18.1	62.3	5
RC03	151	91.3	7.50	3.80	8.20	4
GSB01	152	88.0	10.4	4.60	11.8	5
GSB02	153	75.0	16.6	7.40	22.1	5
GSB03	154	56.0	47.1	21.1	84.1	5
GSB04	155	62.0	34.2	15.3	55.2	5
GSB05	156	91.0	8.90	4.00	9.80	5
GSB05 ¹	156	90.0	5.80	2.90	6.40	4
GSB06	157	74.0	22.2	9.90	30.0	5
Biomass following 28-day exposure (milligrams)						
Control	--	19.0	2.49	1.25	13.1	4
NOAA3	28	34.8	4.19	1.87	12.0	5
NOAA3 ¹	28	32.7	5.14	2.57	15.7	4
BHB01	146	10.9	6.79	3.04	62.3	5
BMB01	147	23.6	4.67	2.34	19.8	4
HHB01 ¹	148	29.0	13.3	5.93	45.7	5
HHB01	148	12.5	12.8	5.71	102	5
RC01	149	32.1	9.53	4.26	29.7	5
RC02	150	11.2	13.3	5.94	119	5
RC03	151	29.8	2.58	1.29	8.70	4
GSB01	152	20.9	7.75	3.47	37.0	5
GSB02	153	32.3	7.40	3.31	22.9	5
GSB03	154	11.8	12.5	5.59	106	5
GSB04	155	23.1	16.3	7.29	70.7	5
GSB05	156	22.7	7.74	3.46	34.0	5
GSB05 ¹	156	16.7	7.88	3.94	47.2	4
GSB06	157	11.5	5.23	2.34	45.5	5

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

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Site code	Map location number	Mean	Standard deviation	Standard error	Coefficient of variance (percent)	n
Individual dry weight following 28-day exposure (milligrams)						
Control	--	1.08	0.161	0.081	15.0	4
NOAA3	28	1.99	0.153	0.068	7.60	5
NOAA3 ¹	28	1.66	0.270	0.135	16.3	4
BHB01	146	1.28	0.410	0.183	32.0	5
BMB01	147	1.32	0.195	0.097	14.7	4
HHB01 ¹	148	1.94	0.194	0.087	10.0	5
HHB01	148	1.55	0.413	0.185	26.7	5
RC01	149	1.92	0.388	0.174	20.3	5
RC02	150	0.782	0.649	0.325	83.0	4
RC03	151	1.62	0.101	0.051	6.30	4
GSB01	152	1.18	0.422	0.189	35.7	5
GSB02	153	2.19	0.441	0.197	20.1	5
GSB03	154	0.876	0.524	0.262	59.8	4
GSB04	155	1.66	0.837	0.374	50.4	5
GSB05	156	1.25	0.378	0.169	30.3	5
GSB05 ¹	156	0.934	0.466	0.233	49.8	4
GSB06	157	0.757	0.161	0.072	21.2	5
Reproduction following 28-day exposure (ratio of neonates/survivors)						
Control	--	2.03	0.544	0.272	26.9	4
NOAA3	28	8.28	2.53	1.13	NA	5
NOAA3 ¹	28	4.78	1.88	0.938	NA	4
BHB01	146	0.860	1.18	0.529	86.0	5
BMB01	147	2.96	2.75	1.37	92.8	4
HHB01 ¹	148	2.74	0.855	0.382	31.2	5
HHB01	148	0.551	0.646	0.289	117	5
RC01	149	3.70	2.74	1.23	74.0	5
RC02	150	0.803	1.21	0.606	151	4
RC03	151	6.29	0.695	0.347	11.0	4
GSB01	152	1.35	1.43	0.638	106	5
GSB02	153	4.71	2.98	1.33	63.2	5
GSB03	154	1.86	2.17	1.08	117	4
GSB04	155	3.07	3.85	1.72	125	5
GSB05	156	2.62	2.08	0.932	79.6	5
GSB05 ¹	156	1.58	1.71	0.856	108	4
GSB06	157	0.518	0.446	0.199	86.0	5

¹Field replicate.