

**Table 25.** Statistical summary for the 28-day bed-sediment chronic toxicology study (batch 1) 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	--	93.0	6.70	3.00	7.20	5
NCA10-2622/BBD/SJ2	9	90.0	7.10	3.20	7.90	5
BBF/SJ1	10	95.0	6.10	2.70	6.40	5
BBI/SJ4	11	97.0	2.70	1.20	2.80	5
BB01	16	<b>76.0</b>	17.8	8.00	23.4	5
BB02	17	84.0	18.5	8.30	22.0	5
BB03	18	58.0	37.7	18.9	65.7	4
BB05A	19	97.0	4.50	2.00	4.60	5
BB06	20	95.0	7.10	3.20	7.40	5
BB07A	21	96.0	6.50	2.90	6.80	5
BB09	22	94.0	4.20	1.90	4.50	5
BB10	23	83.0	18.9	8.50	22.8	5
BB11	24	77.0	22.0	9.80	28.5	5
BB13	25	98.0	2.70	1.20	2.80	5
NAV1	31	83.0	11.5	5.10	13.9	5
NAV2	32	91.0	6.50	2.90	7.20	5
MB01	159	94.0	6.50	2.90	6.90	5
MB02	160	93.0	7.60	3.40	8.20	5
FB01	164	87.0	8.40	3.70	9.60	5
FB02	165	88.0	2.70	1.20	3.10	5
FB03	166	79.0	15.5	7.70	19.7	4
PB01	167	93.0	13.0	5.80	14.0	5
Biomass following 28-day exposure (milligrams)						
Control	--	16.2	6.26	2.80	38.6	5
NCA10-2622/BBD/SJ2	9	15.1	2.74	1.23	18.1	5
BBF/SJ1	10	21.5	8.3	3.7	38.5	5
BBI/SJ4	11	26.7	3.81	1.70	14.3	5
BB01	16	<b>7.90</b>	3.52	1.57	44.8	5
BB02	17	14.5	6.05	2.70	27.7	5
BB03	18	10.1	8.12	4.06	80.4	4
BB05A	19	23.3	3.14	1.40	13.5	5
BB06	20	24.3	5.7	2.6	23.5	5
BB07A	21	17.0	5.71	2.55	33.6	5
BB09	22	21.3	5.71	2.55	26.8	5
BB10	23	16.0	6.68	2.99	41.6	5
BB11	24	12.9	6.41	2.87	49.6	5
BB13	25	18.3	6.62	2.96	36.2	5
NAV1	31	18.9	6.36	2.85	33.6	5
NAV2	32	21.3	8.32	3.72	27.7	5
MB01	159	27.4	7.51	3.36	27.7	5
MB02	160	28.2	6.35	2.84	27.2	5
FB01	164	17.3	8.02	3.59	41.6	5
FB02	165	16.1	4.46	1.99	46.4	5
FB03	166	14.9	4.70	2.35	27.7	4
PB01	167	15.6	3.77	1.69	27.7	5

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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	--	0.864	0.301	0.135	34.8	5
NCA10-2622/BBD/SJ2	9	0.846	0.084	0.038	10.0	5
BBF/SJ1	10	1.129	0.416	0.186	36.8	5
BBI/SJ4	11	1.36	0.136	0.061	10	5
BB01	16	<b>0.500</b>	0.137	0.061	27.3	5
BB02	17	0.853	0.291	0.130	34.1	5
BB03	18	0.800	0.199	0.100	24.9	4
BB05A	19	1.20	0.168	0.075	14.0	5
BB06	20	1.278	0.276	0.123	21.6	5
BB07A	21	0.892	0.308	0.138	34.6	5
BB09	22	1.13	0.291	0.130	25.7	5
BB10	23	0.912	0.177	0.079	19.4	5
BB11	24	0.773	0.251	0.112	32.5	5
BB13	25	0.923	0.332	0.148	35.9	5
NAV1	31	1.14	0.361	0.162	31.7	5
NAV2	32	1.19	0.479	0.214	40.4	5
MB01	159	1.44	0.386	0.173	26.8	5
MB02	160	1.49	0.300	0.134	20.2	5
FB01	164	0.977	0.424	0.190	43.4	5
FB02	165	0.921	0.276	0.123	29.9	5
FB03	166	0.933	0.205	0.103	22.0	4
PB01	167	0.853	0.262	0.117	30.7	5
Reproductive effects following 28-day exposure (ratio of neonates/survivors)						
Control	--	1.29	0.562	0.250	43.5	5
NCA10-2622/BBD/SJ2	9	0.565	0.174	0.080	30.9	5
BBF/SJ1	10	2.10	1.36	0.610	64.8	5
BBI/SJ4	11	2.10	1.37	0.610	65.3	5
BB01	16	<b>0.170</b>	0.303	0.140	178	5
BB02	17	2.50	2.50	1.10	104	5
BB03	18	1.64	2.10	1.05	128	4
BB05A	19	1.57	0.706	0.320	45.0	5
BB06	20	1.30	1.43	0.640	110	5
BB07A	21	2.02	1.43	0.640	70.8	5
BB09	22	0.553	0.765	0.340	138	5
BB10	23	1.00	1.35	0.610	135	5
BB11	24	0.727	0.864	0.390	119	5
BB13	25	1.23	1.03	0.460	83.6	5
NAV1	31	2.56	1.01	0.450	39.4	5
NAV2	32	2.40	1.70	0.800	104	5
MB01	159	1.30	2.00	1.00	104	5
MB02	160	2.30	0.700	0.300	104	5
FB01	164	1.12	0.486	0.220	135	5
FB02	165	1.78	1.85	0.830	43.5	5
FB03	166	1.57	1.96	0.981	104	4
PB01	167	1.30	0.700	0.300	104	5