

Table 19. Concentrations of wastewater compounds, grouped by predominant use, in environmental and replicate bed-sediment samples collected from the harbors and bays in New Jersey and New York during the Hurricane Sandy reconnaissance study, June–October 2013.

[Map location number refers to figures 2 and 3. Samples analyzed at the U.S. Geological Survey, National Water-Quality Laboratory in Denver, Colorado. Concentrations are in micrograms per kilogram. <, less than minimum reporting limit; M, detected but not quantified; --, missing data; E, estimated value; HHCB, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-γ-2-benzopyran; AHTN, 6-Acetyl-1,1,2,4,4,7-hexamethyltetraline]

Site code	Map location number	Sample date	Sample time	Combustion, petroleum, or gasoline compounds									
				1-Methylnaphthalene	2,6-Dimethylnaphthalene	2-Methylnaphthalene	Anthracene	Benzo[a]pyrene	Fluoranthene	Isopropylbenzene	Naphthalene	Phenanthrene	Pyrene
Cape May region													
NCA10-1625/BBC/SJ10	1	8/13/2013	1640	<43.0	M	<43.0	M	M	M	<85.0	<43.0	<43.0	M
BBE/SJ13	2	8/13/2013	1130	<82.0	M	<82.0	10.4	13.0	30.7	<160	<82.0	<82.0	26.3
BBG/SJ11	3	8/13/2013	1400	<95.0	<95.0	<95.0	<95.0	<95.0	<95.0	<190	<95.0	<95.0	<95.0
BBH/SJ12	4	8/13/2013	1530	<170	34.8	<170	25.7	28.3	85.7	<340	<170	<170	63.2
BBM/SJ9	5	8/13/2013	0900	<40.0	20.4	<40.0	50.0	39.5	89.3	<79.0	<40.0	45.4	69.9
Atlantic City region													
NCA10-1616/BBA/SJ7	6	8/12/2013	1930	<86.0	10.9	<86.0	M	11.6	32.9	<170	<86.0	<86.0	31.3
NCA10-1623/BBB/SJ6	7	8/12/2013	1600	<100	40.8	<100	23.0	27.2	105	<200	<100	47.4	82.0
BBL/SJ8	8	8/12/2013	1830	<85.0	14.0	<85.0	12.1	15.5	51.9	<170	<85.0	<85.0	41.8
Great Bay region													
NCA10-2622/BBD/SJ2	9	8/2/2013	1400	<41.0	<41.0	<41.0	M	M	M	<81.0	<41.0	<41.0	M
BBF/SJ1	10	8/2/2013	1545	<32.0	M	<32.0	M	M	M	<63.0	<32.0	<32.0	M
BBI/SJ4	11	8/2/2013	1200	<67.0	M	<67.0	M	M	12.5	<130	<67.0	<67.0	11.1
BBJ/SJ3	12	8/12/2013	1300	<56.0	24.7	<56.0	M	11.9	21.7	<110	<56.0	<56.0	19.7
BBK/SJ5	13	8/12/2013	1400	<59.0	<59.0	<59.0	<59.0	<59.0	<59.0	<120	<59.0	<59.0	<59.0
NOAA9	14	9/13/2013	1015	<48.0	15.4	<48.0	M	M	19.3	<96.0	<48.0	11.0	18.5
Barnegat Bay region													
BB01	16	7/26/2013	1230	<41.0	<41.0	<41.0	M	14.7	14.1	<82.0	<41.0	<41.0	13.5
BB02	17	7/31/2013	1530	<73.0	M	<73.0	M	12.2	26.9	<150	<73.0	<73.0	22.9
BB03	18	7/31/2013	1630	<50.0	22.6	<50.0	17.0	28.7	110	<100	<50.0	47.1	97.2
BB05A	19	7/31/2013	1030	<46.0	<46.0	<46.0	<46.0	M	<46.0	<92.0	<46.0	<46.0	<46.0
BB06	20	7/31/2013	0930	<59.0	<59.0	<59.0	<59.0	M	<59.0	<120	<59.0	<59.0	<59.0
BB07A	21	7/31/2013	1200	<60.0	18.8	<60.0	17.0	21.5	44.2	<120	<60.0	27.3	45.7
BB09	22	7/30/2013	1530	<34.0	13.9	<34.0	M	M	15.7	<67.0	<34.0	11.2	15.4
BB10	23	7/24/2013	1100	<68.0	M	<68.0	20.4	44.3	145	<140	<68.0	111	120
BB11	24	7/29/2013	1615	<67.0	15.5	<67.0	M	M	19.4	<130	<67.0	<67.0	18.0
BB13	25	7/29/2013	1330	<48.0	21.9	<48.0	M	14.8	26.6	<96.0	<48.0	17.6	26.5
MANA1	26	8/8/2013	1130	<55.0	94.3	49.1	325	232	452	<110	<90.0	235	430
MANA2	27	8/13/2013	1300	<160	85.1	<160	186	376	618	<320	<160	176	790
NOAA3	28	8/26/2013	1120	<140	106	<140	80.5	91.9	360	<270	65.8	96.4	370
NOAA3 ¹	28	8/26/2013	1140	<72.0	59.6	<72.0	44.0	42.0	171	<140	30.3	42.2	160
NOAA4	29	8/26/2013	1400	M	44.1	<42.0	43.4	99.7	338	<84.0	19.2	106	260
NOAA10	30	9/13/2013	1230	<77.0	32.3	<77.0	17.9	26.0	100	<150	<77.0	45.1	88.8

Table 19. Concentrations of wastewater compounds, grouped by predominant use, in environmental and replicate bed-sediment samples collected from the harbors and bays in New Jersey and New York during the Hurricane Sandy reconnaissance study, June–October 2013.—Continued

[Map location number refers to figures 2 and 3. Samples analyzed at the U.S. Geological Survey, National Water-Quality Laboratory in Denver, Colorado. Concentrations are in micrograms per kilogram. <, less than minimum reporting limit; M, detected but not quantified; --, missing data; E, estimated value; HHCB, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-γ-2-benzopyran; AHTN, 6-Acetyl-1,1,2,4,4,7-hexamethyltetraline]

Site code	Map location number	Sample date	Sample time	Combustion, petroleum, or gasoline compounds									
				1-Methylnaphthalene	2,6-Dimethylnaphthalene	2-Methylnaphthalene	Anthracene	Benzo[a]pyrene	Fluoranthene	Isopropylbenzene	Naphthalene	Phenanthrene	Pyrene
Northeast New Jersey shore region													
NAV1	31	8/6/2013	1400	<42.0	M	<42.0	M	37.8	58.5	<84.0	<42.0	24.5	73.0
NAV2	32	8/6/2013	1100	79.8	195	159	256	528	1,740	<140	296	952	1,700
NOAA1	33	8/6/2013	1200	32.4	292	68.8	115	198	516	<290	125	224	530
NOAA2	34	8/15/2013	1300	<41.0	<41.0	<41.0	M	4.3	10.2	<82.0	<41.0	<41.0	10.4
NOAA2 ¹	34	8/15/2013	1500	<110	M	<110	21.6	68.2	133	<220	<110	36.7	130
SHARK1	35	8/15/2013	1315	40.3	147	91.3	167	287	562	<200	180	233	540
SHARK1 ¹	35	8/15/2013	1415	32.6	175	77.2	152	257	574	<310	139	220	560
SHREW1	36	8/7/2013	1030	22.9	78.6	38.1	102	236	542	<100	193	207	500
SHREW2	37	8/7/2013	1200	<45.0	48.9	<45.0	38.8	142	224	<90.0	<51.0	79.0	220
Lower Harbor/Raritan Bay region													
RB401	38	7/30/2013	1013	<72.0	24.0	<72.0	10.2	20.9	22.5	<140	<72.0	<72.0	25.8
RB404	41	7/25/2013	1120	40.7	158	90.7	111	208	338	<140	186	188	362
RB414	50	7/17/2013	1205	<96.0	<96.0	<96.0	M	M	<96.0	<190	<96.0	<96.0	<96.0
RB416	51	8/1/2013	1000	<168	174	<170	146	300	322	<340	<170	193	390
RB457	58	7/17/2013	1005	<55.0	<55.0	<55.0	M	M	<55.0	<110	<55.0	<55.0	<55.0
RB458	59	7/31/2013	0928	<54.0	<54.0	<54.0	<54.0	<54.0	<54.0	<110	<54.0	<54.0	<54.0
RB462	62	9/25/2013	1220	<45.0	M	<45.0	<45.0	16.4	23.8	<89.0	<45.0	10.6	26.7
Newark Bay region													
NB405	67	7/16/2013	1040	109	103	198	430	902	E 2,270	<99.0	362	1,090	E 2,320
NB413	72	7/15/2013	1230	69.7	174	162	342	568	990	<150	299	551	1,000
NB418	75	8/12/2013	0950	22.8	55.9	159	E 4,780	206	931	<80.0	145	1,490	740
NB424	78	8/14/2013	1400	30.2	72.0	74.7	132	270	423	<180	<120	176	471
NB427	81	7/2/2013	0945	76.8	83.4	144	796	1,540	3,510	<240	560	1,130	3,100
NB429	82	9/3/2013	1446	104	124	135	275	337	E 4,650	<110	121	E 4,270	E 3,590
NB431	84	7/10/2013	0920	44.5	103	106	197	367	639	<200	230	299	740
NB450	85	9/13/2013	1035	104	102	216	550	1,130	2,870	<150	419	1,240	2,700
NB461	92	8/15/2013	1226	46.8	152	113	175	324	653	<240	206	286	750
Upper Harbor region													
UH401	94	6/27/2013	0904	<230	180	188	300	474	683	<460	<260	365	812
UH402	95	7/8/2013	0933	102	155	306	568	887	1,280	<230	404	494	1,620
UH412	100	9/11/2013	1225	201	110	477	603	1,190	1,690	<120	830	900	2,300
UH413	101	8/29/2013	1300	32.8	46.2	73.0	262	289	919	<130	150	473	886
UH461	110	9/9/2013	1243	33.4	69.0	71.2	124	218	425	<370	116	212	440
UH463	111	7/9/2013	1320	174	294	468	932	1,240	2,290	<360	530	1,210	2,800

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Site code	Map location number	Sample date	Sample time	Combustion, petroleum, or gasoline compounds									
				1-Methylnaphthalene	2,6-Dimethylnaphthalene	2-Methylnaphthalene	Anthracene	Benzo[a]pyrene	Fluoranthene	Isopropylbenzene	Naphthalene	Phenanthrene	Pyrene
Jamaica Bay region													
JB401	116	8/19/2013	1042	<44.0	<44.0	<44.0	M	M	M	<87.0	<44.0	<44.0	M
JB407	121	8/23/2013	0955	<210	217	<210	62.0	145	297	<430	<210	99.4	309
JB416	125	8/27/2013	1300	<55.0	34.1	<55.0	13.0	18.5	49.0	<110	<55.0	25.4	50.5
JB466	134	8/22/2013	0940	<62.0	M	<62.0	M	19.6	21.3	<120	<62.0	16.4	36.9
JB472	138	8/27/2013	0940	61.4	637	119	323	888	2,620	<570	226	669	2,470
NOAA5	144	9/4/2013	1200	<67.0	22.4	<67.0	M	M	15.0	<130	<67.0	<67.0	12.1
NOAA6	145	9/4/2013	1240	<53.0	24.0	<53.0	M	M	17.7	<110	<53.0	M	17.1
Western Bays region													
BHB01	146	9/5/2013	0930	<92.0	52.7	<92.0	14.8	19.7	40.0	<180	<92.0	20.2	36.1
BMB01	147	9/12/2013	1200	<210	64.2	<210	40.2	59.6	149	<410	<210	60.6	123
HHB01	148	9/9/2013	1100	<150	70.4	<150	19.4	31.2	81.8	<300	<150	32.4	71.8
HHB01 ¹	148	9/9/2013	1400	<150	90.8	<150	25.9	34.1	98.0	<290	<150	40.4	81.0
RC01	149	9/5/2013	1235	<140	45.2	<140	28.9	38.6	101	<280	<140	67.8	85.1
RC02	150	9/12/2013	1300	<81.0	M	<81.0	M	M	27.4	<160	<81.0	22.0	21.3
RC03	151	9/12/2013	0900	<150	64.9	<150	27.7	36.6	119	<300	<150	58.7	94.7
Great South Bay region													
GSB01	152	8/26/2013	0900	<60.0	<60.0	<60.0	<60.0	<60.0	<60.0	<120	<60.0	<60.0	<60.0
GSB02	153	8/26/2013	1025	<230	63.8	<230	21.7	41.3	113	<470	<230	60.1	87.4
GSB03	154	8/27/2013	0845	<95.0	33.3	<95.0	18.7	55.1	119	<190	<95.0	47.4	95.8
GSB04	155	8/9/2013	0835	<52.0	M	<52.0	<52.0	<52.0	<52.0	<100	<52.0	<52.0	<52.0
GSB05	156	8/16/2013	1000	<48.0	M	<48.0	M	M	M	<95.0	<48.0	<48.0	M
GSB05 ¹	156	8/16/2013	1100	<46.0	M	<46.0	M	M	M	<91.0	<46.0	<46.0	M
GSB06	157	8/16/2013	0845	<58.0	11.4	<58.0	M	11.2	39.0	<120	<58.0	17.8	31.7
GSB07	158	8/7/2013	1125	<55.0	M	<55.0	M	M	M	<110	<55.0	<55.0	M
MB01	159	8/6/2013	1030	<49.0	<49.0	<49.0	<49.0	M	<49.0	<97.0	<49.0	<49.0	M
MB02	160	8/6/2013	0900	<72.0	12.8	<72.0	M	M	19.6	<140	<72.0	14.7	17.1
NOAA7	161	9/11/2013	1040	<43.0	M	<43.0	M	M	20.1	<85.0	<43.0	M	17.5
NOAA8	162	9/11/2013	1230	<49.0	<49.0	<49.0	<49.0	M	10.1	<97.0	<49.0	<49.0	M
SOB01	163	8/7/2013	1000	<64.0	10.6	<64.0	M	M	19.0	<130	<64.0	M	16.4
Peconic Bay region													
FB01	164	8/2/2013	1100	<42.0	M	<42.0	M	M	M	<84.0	<42.0	<42.0	M
FB02	165	8/5/2013	0835	<130	44.9	<130	12.6	28.0	74.0	<260	<130	32.5	58.9
FB02 ¹	165	8/5/2013	0930	<90.0	23.2	<90.0	11.0	15.3	68.7	<180	<90.0	15.4	49.5
FB03	166	8/5/2013	1100	<50.0	M	<50.0	<50.0	M	<50.0	<99.0	<50.0	<50.0	M
PB01	167	8/2/2013	0955	<110	22.9	<110	M	18.8	42.4	<220	<110	23.0	34.3

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Site code	Map location number	Sample date	Sample time	Other compounds											
				3-tert-butyl-4-hydroxy-anisole	Anthraquinone	Atrazine	Bromacil	Carbazole	Chlorpyrifos	Diazinon	Isophorone	Metolachlor	para-Cresol	Prometon	Tetrabromodiphenyl ether
Cape May region															
NCA10-1625/BBC/SJ10	1	8/13/2013	1640	<130	M	<85.0	<430	<43.0	<43.0	<43.0	M	<43.0	20.9	<43.0	<43.0
BBE/SJ13	2	8/13/2013	1130	<250	12.2	<160	<820	M	<82.0	<82.0	M	<82.0	21.4	<82.0	<82.0
BBG/SJ11	3	8/13/2013	1400	<280	<95.0	<190	<950	<95.0	<95.0	<95.0	M	<95.0	<470	<95.0	<95.0
BBH/SJ12	4	8/13/2013	1530	<510	<170	<340	<1,700	<170	<170	<170	E 64.2	<170	275	<170	<170
BBM/SJ9	5	8/13/2013	0900	--	18.8	<79.0	<400	M	<40.0	<40.0	<40.0	<40.0	44.4	<40.0	<40.0
Atlantic City region															
NCA10-1616/BBA/SJ7	6	8/12/2013	1930	<260	16.3	<170	<860	<86.0	<86.0	<86.0	M	<86.0	38.7	<86.0	<86.0
NCA10-1623/BBB/SJ6	7	8/12/2013	1600	<300	58.2	<200	<1,000	M	<100	<100	E 16.6	<100	342	<100	<100
BBL/SJ8	8	8/12/2013	1830	<250	19.1	<170	<850	M	<85.0	<85.0	M	<85.0	53.5	<85.0	<85.0
Great Bay region															
NCA10-2622/BBD/SJ2	9	8/2/2013	1400	<120	<41.0	<81.0	<410	<41.0	<41.0	<41.0	M	<41.0	12.4	M	<41.0
BBF/SJ1	10	8/2/2013	1545	<95.0	M	<63.0	<320	<32.0	<32.0	<32.0	M	<32.0	66.6	<32.0	<32.0
BBI/SJ4	11	8/2/2013	1200	<200	10.9	<130	<670	<67.0	<67.0	<67.0	M	<67.0	41.6	<67.0	<67.0
BBJ/SJ3	12	8/12/2013	1300	<170	15.0	<110	<560	<56.0	<56.0	<56.0	<56.0	<56.0	101	<56.0	<56.0
BBK/SJ5	13	8/12/2013	1400	<180	M	<120	<590	<59.0	<59.0	<59.0	M	<59.0	<300	<59.0	<59.0
NOAA9	14	9/13/2013	1015	<140	M	<96.0	<480	<48.0	<48.0	<48.0	M	<48.0	29.7	<48.0	<48.0
Barnegat Bay region															
BB01	16	7/26/2013	1230	<120	M	<82.0	<410	<41.0	<41.0	<41.0	<41.0	<41.0	<210	<41.0	<41.0
BB02	17	7/31/2013	1530	<220	19.8	<150	<730	<73.0	<73.0	<73.0	M	<73.0	47.2	<73.0	<73.0
BB03	18	7/31/2013	1630	<150	31.1	<100	<500	<50.0	<50.0	<50.0	M	<50.0	125	<50.0	<50.0
BB05A	19	7/31/2013	1030	<140	M	<92.0	<460	<46.0	<46.0	<46.0	<46.0	<46.0	<230	<46.0	<46.0
BB06	20	7/31/2013	0930	<180	<59.0	<120	<590	<59.0	<59.0	<59.0	M	<59.0	11.6	<59.0	<59.0
BB07A	21	7/31/2013	1200	<180	14.8	<120	<600	<60.0	<60.0	<60.0	M	<60.0	139	<60.0	<60.0
BB09	22	7/30/2013	1530	<100	10.2	<67.0	<340	<34.0	<34.0	<34.0	M	<34.0	79.2	<34.0	<34.0
BB10	23	7/24/2013	1100	<200	41.6	<140	<680	13.8	<68.0	<68.0	<68.0	<68.0	63.1	<68.0	<68.0
BB11	24	7/29/2013	1615	<200	16.0	<130	<670	<67.0	<67.0	<67.0	M	<67.0	81.7	<67.0	<67.0
BB13	25	7/29/2013	1330	<140	10.7	<96.0	<480	<48.0	<48.0	<48.0	M	<48.0	45.1	<48.0	<48.0
MANA1	26	8/8/2013	1130	<170	76.8	<110	<550	77.2	<55.0	<55.0	E 19.8	<55.0	337	<55.0	<55.0
MANA2	27	8/13/2013	1300	<480	217	<320	<1,600	56.4	<160	<160	E 129	<160	329	<160	<160
NOAA3	28	8/26/2013	1120	<410	119	<270	<1,400	48.3	<140	<140	E 17.8	<140	531	<140	<140
NOAA3 ¹	28	8/26/2013	1140	<220	64.0	<140	<720	20.2	<72.0	<72.0	E 21.6	<72.0	179	<72.0	<72.0
NOAA4	29	8/26/2013	1400	<130	70.1	<84.0	<420	22.5	<42.0	<42.0	M	<42.0	75.8	<42.0	<42.0
NOAA10	30	9/13/2013	1230	<230	28.7	<150	<770	M	<77.0	<77.0	<77.0	<77.0	56.9	<77.0	<77.0

Table 19. Concentrations of wastewater compounds, grouped by predominant use, in environmental and replicate bed-sediment samples collected from the harbors and bays in New Jersey and New York during the Hurricane Sandy reconnaissance study, June–October 2013.—Continued

[Map location number refers to figures 2 and 3. Samples analyzed at the U.S. Geological Survey, National Water-Quality Laboratory in Denver, Colorado. Concentrations are in micrograms per kilogram. <, less than minimum reporting limit; M, detected but not quantified; --, missing data; E, estimated value; HHCB, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-γ-2-benzopyran; AHTN, 6-Acetyl-1,1,2,4,4,7-hexamethyltetraline]

Site code	Map location number	Sample date	Sample time	Other compounds											
				3-tert-butyl-4-hydroxy-anisole	Anthraquinone	Atrazine	Bromacil	Carbazole	Chlorpyrifos	Diazinon	Isophorone	Metolachlor	para-Cresol	Prometon	Tetrabromodiphenyl ether
Northeast New Jersey shore region															
NAV1	31	8/6/2013	1400	<130	15.6	<84.0	<420	M	<42.0	<42.0	M	<42.0	<210	<42.0	<42.0
NAV2	32	8/6/2013	1100	<210	330	<140	<710	95.1	<71.0	<71.0	M	<71.0	432	<71.0	<71.0
NOAA1	33	8/6/2013	1200	<440	180	<290	<1,500	42.2	<150	<150	E 31.5	<150	265	<150	<150
NOAA2	34	8/15/2013	1300	<120	<41.0	<82.0	<410	<41.0	<41.0	<41.0	<41.0	<41.0	<210	<41.0	<41.0
NOAA2 ¹	34	8/15/2013	1500	<330	37.8	<220	<1,100	M	<110	<110	M	<110	28.2	<110	<110
SHARK1	35	8/15/2013	1315	<290	138	<200	<980	40.6	<98.0	<98.0	E 32.4	<98.0	544	<98.0	<98.0
SHARK1 ¹	35	8/15/2013	1415	<470	117	<310	<1,600	36.3	<160	<160	<160	<160	631	<160	<160
SHREW1	36	8/7/2013	1030	<150	168	<100	<510	40.9	<51.0	<51.0	E 48.9	<51.0	152	<51.0	<51.0
SHREW2	37	8/7/2013	1200	--	62.9	<90.0	<450	16.6	<45.0	<45.0	E 16.8	<45.0	341	<45.0	<45.0
Lower Harbor/Raritan Bay region															
RB401	38	7/30/2013	1013	<210	12.0	<140	<720	<72.0	<72.0	<72.0	M	<72.0	48.3	<72.0	<72.0
RB404	41	7/25/2013	1120	<210	164	<140	<710	28.0	<71.0	<71.0	E 15.0	<71.0	396	<71.0	<71.0
RB414	50	7/17/2013	1205	<290	M	<190	<960	<96.0	<96.0	<96.0	<96.0	<96.0	<480	<96.0	<96.0
RB416	51	8/1/2013	1000	--	139	<340	<1,700	28.1	<170	<170	E 28.2	<170	220	<170	<170
RB457	58	7/17/2013	1005	<170	<55.0	<110	<550	<55.0	<55.0	<55.0	M	<55.0	<280	<55.0	<55.0
RB458	59	7/31/2013	0928	<160	<54.0	<110	<540	<54.0	<54.0	<54.0	M	<54.0	<270	<54.0	<54.0
RB462	62	9/25/2013	1220	--	10.7	<89.0	<450	<45.0	<45.0	<45.0	M	<45.0	<220	<45.0	<45.0
Newark Bay region															
NB405	67	7/16/2013	1040	<150	256	<99.0	<500	104	<50.0	<50.0	<50.0	<50.0	264	<50.0	<50.0
NB413	72	7/15/2013	1230	<230	172	<150	<750	66.4	<75.0	<75.0	E 22.5	<75.0	351	<75.0	<75.0
NB418	75	8/12/2013	0950	--	108	<80.0	<400	E 1,930	<40.0	<40.0	M	<40.0	50.4	<40.0	<40.0
NB424	78	8/14/2013	1400	<270	130	<180	<900	35.7	<90.0	<90.0	M	<90.0	138	<90.0	<90.0
NB427	81	7/2/2013	0945	<120	199	<240	<1,200	87.4	<120	<120	M	<120	286	<120	<120
NB429	82	9/3/2013	1446	<360	1,420	<110	<550	450	<55.0	<55.0	M	<55.0	228	<55.0	<55.0
NB431	84	7/10/2013	0920	<170	118	<200	<1,000	39.5	<100	<100	M	<100	111	<100	<100
NB450	85	9/13/2013	1035	<310	387	<150	<770	198	<77.0	<77.0	<77.0	<77.0	245	<77.0	<77.0
NB461	92	8/15/2013	1226	<230	168	<240	<1,200	47.1	<120	<120	M	<120	145	<120	<120
Upper Harbor region															
UH401	94	6/27/2013	0904	<690	178	<460	<2,300	43.0	<230	<230	E 23.1	<230	933	<230	<230
UH402	95	7/8/2013	0933	<350	136	<230	<1,200	38.6	<120	<120	<120	<120	298	<120	<120
UH412	100	9/11/2013	1225	<170	105	<120	<580	44.1	<58.0	<58.0	<58.0	<58.0	122	<58.0	<58.0
UH413	101	8/29/2013	1300	<190	98.4	<130	<630	37.9	<63.0	<63.0	M	<63.0	249	<63.0	<63.0
UH461	110	9/9/2013	1243	<370	116	<370	<1,800	27.8	<180	<180	M	<180	109	<180	<180
UH463	111	7/9/2013	1320	<550	306	<360	<1,800	88.0	<180	<180	E 27.3	<180	794	<180	<180

Table 19. Concentrations of wastewater compounds, grouped by predominant use, in environmental and replicate bed-sediment samples collected from the harbors and bays in New Jersey and New York during the Hurricane Sandy reconnaissance study, June–October 2013.—Continued

[Map location number refers to figures 2 and 3. Samples analyzed at the U.S. Geological Survey, National Water-Quality Laboratory in Denver, Colorado. Concentrations are in micrograms per kilogram. <, less than minimum reporting limit; M, detected but not quantified; --, missing data; E, estimated value; HHCB, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-γ-2-benzopyran; AHTN, 6-Acetyl-1,1,2,4,4,7-hexamethyltetraline]

Site code	Map location number	Sample date	Sample time	Other compounds											
				3-tert-butyl-4-hydroxy-anisole	Anthraquinone	Atrazine	Bromacil	Carbazole	Chlorpyrifos	Diazinon	Isophorone	Metolachlor	para-Cresol	Prometon	Tetrabromodiphenyl ether
Jamaica Bay region															
JB401	116	8/19/2013	1042	<130	<44.0	<87.0	<440	<44.0	<44.0	<44.0	M	<44.0	11.4	<44.0	<44.0
JB407	121	8/23/2013	0955	<640	110	<430	<2,100	34.0	<210	<210	E 30.8	<210	303	<210	<210
JB416	125	8/27/2013	1300	<160	E 14.4	<110	<550	M	<55.0	<55.0	<55.0	<55.0	49.0	<55.0	<55.0
JB466	134	8/22/2013	0940	<180	<62.0	<120	<620	<62.0	<62.0	<62.0	M	<62.0	<310	<62.0	<62.0
JB472	138	8/27/2013	0940	<850	449	<570	<2,800	182	<280	<280	E 53.5	<280	346	<280	<280
NOAA5	144	9/4/2013	1200	<200	<67.0	<130	<670	<67.0	<67.0	<67.0	<67.0	<67.0	21.3	<67.0	<67.0
NOAA6	145	9/4/2013	1240	--	M	<110	<530	<53.0	<53.0	<53.0	M	<53.0	19.2	<53.0	<53.0
Western Bays region															
BHB01	146	9/5/2013	0930	<280	<92.0	<180	<920	<92.0	<92.0	<92.0	E 11.5	<92.0	659	<92.0	<92.0
BMB01	147	9/12/2013	1200	<620	74.3	<410	<2,100	15.5	<210	<210	E 18.3	<210	611	<210	<210
HHB01	148	9/9/2013	1100	--	E 43.0	<300	<1,500	<150	<150	<150	<150	<150	736	<150	<150
HHB01 ¹	148	9/9/2013	1400	<440	45.3	<290	<1,500	M	<150	<150	E 27.8	<150	97.9	<150	<150
RC01	149	9/5/2013	1235	<420	42.2	<280	<1,400	<140	<140	<140	E 11.2	<140	204	<140	<140
RC02	150	9/12/2013	1300	<240	<81.0	<160	<810	<81.0	<81.0	<81.0	M	<81.0	22.7	<81.0	<81.0
RC03	151	9/12/2013	0900	<450	44.6	<300	<1,500	10.4	<150	<150	E 11.5	<150	408	<150	<150
Great South Bay region															
GSB01	152	8/26/2013	0900	<180	<60.0	<120	<600	<60.0	<60.0	<60.0	<60.0	<60.0	<300	<60.0	<60.0
GSB02	153	8/26/2013	1025	<700	62.4	<470	<2,300	11.0	<230	<230	E 12.7	<230	105	<230	<230
GSB03	154	8/27/2013	0845	<290	49.0	<190	<950	<95.0	<95.0	<95.0	E 29.2	<95.0	64.0	<95.0	<95.0
GSB04	155	8/9/2013	0835	<160	<52.0	<100	<520	<52.0	<52.0	<52.0	<52.0	<52.0	<260	<52.0	<52.0
GSB05	156	8/16/2013	1000	<140	<48.0	<95.0	<480	<48.0	<48.0	<48.0	<48.0	<48.0	M	<48.0	<48.0
GSB05 ¹	156	8/16/2013	1100	<140	<46.0	<91.0	<460	<46.0	<46.0	<46.0	M	<46.0	M	<46.0	<46.0
GSB06	157	8/16/2013	0845	<170	13.6	<120	<580	M	<58.0	<58.0	M	<58.0	29.5	<58.0	<58.0
GSB07	158	8/7/2013	1125	<170	<55.0	<110	<550	<55.0	<55.0	<55.0	M	<55.0	<280	<55.0	<55.0
MB01	159	8/6/2013	1030	--	<49.0	<97.0	<490	<49.0	<49.0	<49.0	M	<49.0	<240	<49.0	<49.0
MB02	160	8/6/2013	0900	<220	<72.0	<140	<720	<72.0	<72.0	<72.0	M	<72.0	32.2	<72.0	<72.0
NOAA7	161	9/11/2013	1040	<130	M	<85.0	<430	<43.0	<43.0	<43.0	M	<43.0	43.3	<43.0	<43.0
NOAA8	162	9/11/2013	1230	<150	<49.0	<97.0	<490	<49.0	<49.0	<49.0	<49.0	<49.0	<240	<49.0	<49.0
SOB01	163	8/7/2013	1000	<190	<64.0	<130	<640	<64.0	<64.0	<64.0	<64.0	<64.0	16.8	<64.0	<64.0
Peconic Bay region															
FB01	164	8/2/2013	1100	<130	<42.0	<84.0	<420	<42.0	<42.0	<42.0	M	<42.0	M	<42.0	<42.0
FB02	165	8/5/2013	0835	<390	49.0	<260	<1,300	<130	<130	<130	E 45.9	<130	70.7	<130	<130
FB02 ¹	165	8/5/2013	0930	<270	20.6	<180	<900	<90.0	<90.0	<90.0	M	<90.0	40.5	<90.0	<90.0
FB03	166	8/5/2013	1100	<150	<50.0	<99.0	<500	<50.0	<50.0	<50.0	M	<50.0	M	<50.0	<50.0
PB01	167	8/2/2013	0955	<330	E 23.9	<220	<1,100	<110	<110	<110	M	<110	34.7	<110	<110

Table 19. Concentrations of wastewater compounds, grouped by predominant use, in environmental and replicate bed-sediment samples collected from the harbors and bays in New Jersey and New York during the Hurricane Sandy reconnaissance study, June–October 2013.—Continued

[Map location number refers to figures 2 and 3. Samples analyzed at the U.S. Geological Survey, National Water-Quality Laboratory in Denver, Colorado. Concentrations are in micrograms per kilogram. <, less than minimum reporting limit; M, detected but not quantified; --, missing data; E, estimated value; HHCB, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-γ-2-benzopyran; AHTN, 6-Acetyl-1,1,2,4,4,7-hexamethyltetraline]

Site code	Map location number	Sample date	Sample time	Personal-care and (or) domestic-use compounds																					
				1,4-Dichlorobenzene	4-Cumylphenol	4-n-Octylphenol	4-tert-Octylphenol	Acetophenone	Benzophenone	Bisphenol A	Camphor	d-Limonene	Galaxolide (HHCB)	Isoborneol	Isoquinoline	Menthol	N,N-diethyl-meta-toluanide (DEET)	Nonylphenol diethoxylate (NP2EO)	Nonylphenol monoethoxylate (NP1EO)	Octylphenol diethoxylate (OP2EO)	Octylphenol monoethoxylate (OP1EO)	para-Nonylphenol	Phenol	Tonalide (AHTN)	Triclosan
Cape May region																									
NCA10-1625/BBC/SJ10	1	8/13/2013	1640	<43.0	<43.0	<43.0	<43.0	<130	<43.0	<43.0	<43.0	<43.0	<43.0	<43.0	<85.0	<43.0	<85.0	<850	<430	<43.0	<210	<640	<43.0	<43.0	<43.0
BBE/SJ13	2	8/13/2013	1130	<82.0	<82.0	<82.0	<82.0	<250	<82.0	<82.0	<82.0	<82.0	<82.0	<82.0	<160	<82.0	<160	<1,600	<820	<82.0	<410	<1,200	<110	<82.0	<82.0
BBG/SJ11	3	8/13/2013	1400	<95.0	<95.0	<95.0	<95.0	<280	<95.0	<95.0	<95.0	<95.0	<95.0	<95.0	<190	<95.0	<190	<1,900	<950	<95.0	<470	<1,400	<170	<95.0	<95.0
BBH/SJ12	4	8/13/2013	1530	<170	<170	<170	<170	E149	<170	<170	<170	<170	<170	<170	<340	<170	<340	<3,400	<1,700	<170	<850	E2,300	<900	<170	<170
BBM/SJ9	5	8/13/2013	0900	M	<40.0	<40.0	<40.0	<120	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<79.0	<40.0	<79.0	<790	<400	<40.0	<200	E234	<57.0	<40.0	<40.0
Atlantic City region																									
NCA10-1616/BBA/SJ7	6	8/12/2013	1930	<86.0	<86.0	<86.0	<86.0	<260	<86.0	<86.0	<86.0	<86.0	<86.0	<170	<86.0	<170	<1,700	<860	<86.0	<430	<1,300	<230	<86.0	<86.0	
NCA10-1623/BBB/SJ6	7	8/12/2013	1600	M	<100	<100	<100	E43.1	<100	<100	<100	<100	<100	<200	<100	<200	<2,000	<1,000	<100	<500	<1,500	<290	<100	<100	
BBL/SJ8	8	8/12/2013	1830	<85.0	<85.0	<85.0	<85.0	E31.9	<85.0	<85.0	<85.0	<85.0	<85.0	<170	<85.0	<170	<1,700	<850	<85.0	<420	<1,300	<200	<85.0	<85.0	
Great Bay region																									
NCA10-2622/BBB/SJ2	9	8/2/2013	1400	<41.0	<41.0	<41.0	<41.0	<120	<41.0	<41.0	<41.0	<41.0	<41.0	<81.0	<41.0	<81.0	<810	<410	<41.0	<200	<610	<41.0	<41.0	<41.0	
BBF/SJ1	10	8/2/2013	1545	M	<32.0	<32.0	M	<95.0	<32.0	<32.0	<32.0	<32.0	<32.0	M	<32.0	<63.0	<630	<320	<32.0	<160	<470	<55.0	<32.0	<32.0	
BBI/SJ4	11	8/2/2013	1200	<67.0	<67.0	<67.0	<67.0	<200	<67.0	<67.0	<67.0	<67.0	<67.0	<130	<67.0	<130	<1,300	<670	<67.0	<330	<1,000	<85.0	<67.0	<67.0	
BBJ/SJ3	12	8/12/2013	1300	M	<56.0	<56.0	<56.0	<170	<56.0	<56.0	<56.0	<56.0	<56.0	<110	<56.0	E11.6	<1,100	<560	<56.0	<280	<840	<120	<56.0	<56.0	
BBK/SJ5	13	8/12/2013	1400	<59.0	<59.0	<59.0	<59.0	<180	<59.0	<59.0	<59.0	<59.0	<59.0	<120	<59.0	M	<1,200	<590	<59.0	<300	<890	<59.0	<59.0	<59.0	
NOAA9	14	9/13/2013	1015	<48.0	<48.0	<48.0	<48.0	<140	<48.0	<48.0	<48.0	<48.0	<48.0	<96.0	<48.0	<96.0	<960	<480	<48.0	<240	<720	<95.0	<48.0	<48.0	
Barnegat Bay region																									
BB01	16	7/26/2013	1230	<41.0	<41.0	<41.0	<41.0	<120	<41.0	<41.0	<41.0	<41.0	<41.0	<82.0	<41.0	<82.0	<820	<410	<41.0	<210	<620	<41.0	<41.0	<41.0	
BB02	17	7/31/2013	1530	M	<73.0	<73.0	<73.0	<220	<73.0	<73.0	<73.0	<73.0	<73.0	<150	<73.0	<150	<1,500	<730	<73.0	<360	<1,100	<180	<73.0	<73.0	
BB03	18	7/31/2013	1630	M	<50.0	<50.0	<50.0	E48.2	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<100	<1,000	<500	<50.0	<250	<750	<230	<50.0	<50.0	
BB05A	19	7/31/2013	1030	<46.0	<46.0	<46.0	<46.0	<140	<46.0	<46.0	<46.0	<46.0	<46.0	<92.0	<46.0	<92.0	<920	<460	<46.0	<230	<690	<76.0	<46.0	<46.0	
BB06	20	7/31/2013	0930	<59.0	<59.0	<59.0	<59.0	<180	<59.0	<59.0	<59.0	<59.0	<59.0	<120	<59.0	M	<1,200	<590	<59.0	<300	<890	<70.0	<59.0	<59.0	
BB07A	21	7/31/2013	1200	M	<60.0	<60.0	<60.0	<180	<60.0	<60.0	<60.0	<60.0	<60.0	<120	<60.0	<120	<1,200	<600	<60.0	<300	<890	<130	<60.0	<60.0	
BB09	22	7/30/2013	1530	M	<34.0	<34.0	<34.0	E18.7	<34.0	<34.0	<34.0	<34.0	<34.0	<67.0	<34.0	<67.0	<670	<340	<34.0	<170	<500	<79.0	<34.0	<34.0	
BB10	23	7/24/2013	1100	M	<68.0	<68.0	<68.0	<200	<68.0	<68.0	<68.0	<68.0	<68.0	<140	<68.0	<140	<1,400	<680	<68.0	<340	<1,000	<68.0	<68.0	<68.0	
BB11	24	7/29/2013	1615	M	<67.0	<67.0	<67.0	<200	<67.0	<67.0	<67.0	<67.0	<67.0	<130	<67.0	M	<1,300	<670	<67.0	<330	<1,000	<120	<67.0	<67.0	
BB13	25	7/29/2013	1330	M	<48.0	<48.0	<48.0	<140	<48.0	<48.0	<48.0	<48.0	<48.0	<96.0	<48.0	M	<960	<480	<48.0	<240	<720	<48.0	<48.0	<48.0	
MANA1	26	8/8/2013	1130	M	<55.0	<55.0	<55.0	<170	<55.0	<55.0	<55.0	<55.0	<55.0	<110	<55.0	<110	<1,100	<550	<55.0	<280	<830	E207	<55.0	<55.0	
MANA2	27	8/13/2013	1300	M	<160	<160	<160	E210	<160	E58.0	<160	<160	<160	<320	<160	<320	<3,200	<1,600	<160	<810	<2,400	<980	<160	<160	
NOAA3	28	8/26/2013	1120	M	<140	<140	<140	<410	<140	<140	<140	<140	<140	<270	<140	<270	<2,700	<1,400	<140	<680	<2,000	<750	<140	<140	
NOAA3 ¹	28	8/26/2013	1140	M	<72.0	<72.0	<72.0	E78.5	<72.0	<72.0	<72.0	<72.0	<72.0	<140	<72.0	<140	<1,400	<720	<72.0	<360	E445	E639	<72.0	<72.0	
NOAA4	29	8/26/2013	1400	M	<42.0	<42.0	<42.0	E44.2	<42.0	<42.0	<42.0	<42.0	<42.0	<84.0	<42.0	<84.0	<840	<420	<42.0	<210	<630	E314	<42.0	<42.0	
NOAA10	30	9/13/2013	1230	<77.0	<77.0	<77.0	<77.0	<230	<77.0	<77.0	<77.0	<77.0	<77.0	<150	<77.0	<150	<1,500	<770	<77.0	<380	<1,100	<160	<77.0	<77.0	

Table 19. Concentrations of wastewater compounds, grouped by predominant use, in environmental and replicate bed-sediment samples collected from the harbors and bays in New Jersey and New York during the Hurricane Sandy reconnaissance study, June–October 2013.—Continued

[Map location number refers to figures 2 and 3. Samples analyzed at the U.S. Geological Survey, National Water-Quality Laboratory in Denver, Colorado. Concentrations are in micrograms per kilogram.

<, less than minimum reporting limit; M, detected but not quantified; --, missing data; E, estimated value; HHCB, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-γ-2-benzopyran; AHTN, 6-Acetyl-1,1,2,4,4,7-hexamethyltetraline]

Site code	Map location number	Sample date	Sample time	Personal-care and (or) domestic-use compounds																					
				1,4-Dichlorobenzene	4-Cumylphenol	4-n-Octylphenol	4-tert-Octylphenol	Acetophenone	Benzophenone	Bisphenol A	Camphor	d-Limonene	Galaxolide (HHCB)	Isoborneol	Isoquinoline	Menthol	N,N-diethyl-meta-toluanide (DEET)	Nonylphenol diethoxylate (NP2EO)	Nonylphenol monoethoxylate (NP1EO)	Octylphenol diethoxylate (OP2EO)	Octylphenol monoethoxylate (OP1EO)	para-Nonylphenol	Phenol	Tonalide (AHTN)	Triclosan
Northeast New Jersey shore region																									
NAV1	31	8/6/2013	1400	M	<42.0	<42.0	<42.0	<130	<42.0	<42.0	<42.0	<42.0	<42.0	<42.0	<84.0	<42.0	<84.0	<840	<420	<42.0	<210	<630	<67.0	<42.0	<42.0
NAV2	32	8/6/2013	1100	E39.7	<71.0	<71.0	<71.0	E28.9	<71.0	128	<71.0	<71.0	<71.0	<71.0	<140	<71.0	<140	<1,400	<710	<71.0	<360	E584	E678	<71.0	<71.0
NOAA1	33	8/6/2013	1200	E19.0	<150	<150	<150	<440	<150	E28.3	<150	<150	<150	<150	<290	<150	<290	<2,900	<1,500	<150	<730	E823	<240	<150	<150
NOAA2	34	8/15/2013	1300	<41.0	<41.0	<41.0	<41.0	<120	<41.0	<41.0	<41.0	<41.0	<41.0	<41.0	<82.0	<41.0	<82.0	<820	<410	<41.0	<210	<620	<57.0	<41.0	<41.0
NOAA2 ¹	34	8/15/2013	1500	<110	<110	<110	<110	<330	<110	<110	<110	<110	<110	<110	<220	<110	<220	<2,200	<1,100	<110	<550	<1,600	<240	<110	<110
SHARK1	35	8/15/2013	1315	E18.8	<98.0	<98.0	<98.0	<290	<98.0	E38.7	<98.0	<98.0	<98.0	<98.0	<200	<98.0	<200	<2,000	<980	<98.0	<490	<1,500	E737	<98.0	<98.0
SHARK1 ¹	35	8/15/2013	1415	E18.8	<160	<160	<160	<470	<160	E21.6	<160	<160	<160	<160	<310	<160	<310	<3,100	<1,600	<160	<790	<2,400	<970	<160	<160
SHREW1	36	8/7/2013	1030	M	<51.0	<51.0	<51.0	E118	<51.0	E119	<51.0	<51.0	<51.0	<51.0	<100	<51.0	<100	<1,000	<510	<51.0	<260	E773	E272	<51.0	<51.0
SHREW2	37	8/7/2013	1200	M	<45.0	<45.0	<45.0	<140	<45.0	E16.8	<45.0	<45.0	<45.0	<45.0	<90.0	<45.0	<90.0	<900	<450	<45.0	<230	<680	<86.0	<45.0	<45.0
Lower Harbor/Raritan Bay region																									
RB401	38	7/30/2013	1013	<72.0	<72.0	<72.0	<72.0	<210	<72.0	M	<72.0	<72.0	<72.0	<72.0	<140	<72.0	<140	<1,400	<720	<72.0	<360	<1,100	<86.0	<72.0	<72.0
RB404	41	7/25/2013	1120	E29.2	<71.0	<71.0	22.2	<210	55.4	E42.2	<71.0	<71.0	27.9	<71.0	<140	<71.0	<140	<1,400	<710	<71.0	<360	<1,100	<120	<71.0	31.4
RB414	50	7/17/2013	1205	M	<96.0	<96.0	<96.0	<290	<96.0	<100	<96.0	<96.0	<96.0	<96.0	<190	<96.0	<190	<1,900	<960	<96.0	<480	<1,400	<96.0	<96.0	<96.0
RB416	51	8/1/2013	1000	E28.4	<170	<170	35.4	<500	<170	E31.7	<170	<170	22.8	<170	<340	<170	<340	<3,400	<1,700	<170	<840	<2,500	<350	<170	<170
RB457	58	7/17/2013	1005	<55.0	<55.0	<55.0	<55.0	<170	<55.0	<55.0	<55.0	<55.0	<55.0	<55.0	<110	<55.0	<110	<1,100	<550	<55.0	<280	<830	<64.0	<55.0	<55.0
RB458	59	7/31/2013	0928	<54.0	<54.0	<54.0	<54.0	<160	<54.0	<54.0	<54.0	<54.0	<54.0	<54.0	<110	<54.0	M	<1,100	<540	<54.0	<270	<810	<54.0	<54.0	<54.0
RB462	62	9/25/2013	1220	<45.0	<45.0	<45.0	<45.0	<130	<45.0	--	<45.0	<45.0	<45.0	<45.0	<89.0	<45.0	<89.0	<89.0	<450	<45.0	<220	<670	<60.0	<45.0	<45.0
Newark Bay region																									
NB405	67	7/16/2013	1040	E144	<50.0	<50.0	45.6	E102	E36.7	E338	<50.0	<50.0	81.0	<50.0	<99.0	<50.0	<99.0	<990	E348	<50.0	<250	E1,920	<130	19.7	22.6
NB413	72	7/15/2013	1230	E60.6	<75.0	<75.0	41.2	E90.9	43.1	E134	<75.0	<75.0	82.3	<75.0	<150	<75.0	<150	<1,500	E798	<75.0	<380	E835	<130	14.2	38.1
NB418	75	8/12/2013	0950	E11.9	<40.0	<40.0	M	<120	<40.0	<40.0	<40.0	<40.0	11.0	<40.0	<80.0	<40.0	<80.0	<800	<400	<40.0	<200	<600	<100	<40.0	<40.0
NB424	78	8/14/2013	1400	E49.4	<90.0	<90.0	58.1	<270	<90.0	E47.7	<90.0	<90.0	71.7	<90.0	<180	<90.0	<180	<1,800	E802	<90.0	<450	E1,060	<140	16.0	<90.0
NB427	81	7/2/2013	0945	E69.6	<120	<120	34.5	<360	<120	<120	<120	<120	48.0	<120	<240	<120	<240	<2,400	<1,200	<120	<590	<1,800	<230	8.92	<120
NB429	82	9/3/2013	1446	E18.4	<55.0	<55.0	18.8	<170	<55.0	<55.0	<55.0	<55.0	21.8	<55.0	<110	<55.0	<110	<1,100	<550	<55.0	<280	E436	<180	4.17	<55.0
NB431	84	7/10/2013	0920	E52.7	<100	<100	18.5	<310	<100	E30.8	<100	<100	35.0	<100	<200	<100	<200	<2,000	E330	<100	<510	<1,500	<100	6.37	<100
NB450	85	9/13/2013	1035	E154	<77.0	<77.0	31.3	E85.4	<77.0	E157	<77.0	<77.0	71.0	<77.0	<150	<77.0	<150	<1,500	<770	<77.0	<380	E837	<300	9.45	<77.0
NB461	92	8/15/2013	1226	E64.5	<120	<120	33.3	<370	<120	E38.8	<120	<120	55.0	<120	<240	<120	<240	<2,400	<1,200	<120	<610	E654	<120	12.6	<120
Upper Harbor region																									
UH401	94	6/27/2013	0904	E35.8	<230	<230	72.4	<690	<230	E31.2	<230	<230	46.4	<230	<460	<230	<460	<4,600	<2,320	<230	<1,200	E1,700	<390	12.8	<230
UH402	95	7/8/2013	0933	E16.8	<120	<120	<120	<350	<120	<120	<120	<120	<120	<120	<230	<120	<230	<2,300	<1,170	<120	<580	<1,700	<190	<120	<120
UH412	100	9/11/2013	1225	E31.6	<58.0	<58.0	M	<170	<58.0	<58.0	<58.0	<58.0	M	<58.0	<120	<58.0	<120	<1,200	<580	<58.0	<290	<860	<58.0	<58.0	<58.0
UH413	101	8/29/2013	1300	E19.7	<63.0	<63.0	11.8	E39.1	<63.0	<63.0	<63.0	<63.0	19.1	<63.0	<130	<63.0	<130	<1,300	<630	<63.0	<320	E483	<270	M	<63.0
UH461	110	9/9/2013	1243	E19.0	<180	<180	11.0	<550	<180	<180	<180	<180	26.0	<180	<370	<180	<370	<3,700	<1,800	<180	<910	<2,700	<290	5.21	<180
UH463	111	7/9/2013	1320	E28.8	<180	<180	52.3	E175	<180	<180	<180	<180	33.0	<180	<360	<180	<360	<3,600	<1,800	<180	<890	E1,380	E1,280	31.2	<180

Table 19. Concentrations of wastewater compounds, grouped by predominant use, in environmental and replicate bed-sediment samples collected from the harbors and bays in New Jersey and New York during the Hurricane Sandy reconnaissance study, June–October 2013.—Continued

[Map location number refers to figures 2 and 3. Samples analyzed at the U.S. Geological Survey, National Water-Quality Laboratory in Denver, Colorado. Concentrations are in micrograms per kilogram. <, less than minimum reporting limit; M, detected but not quantified; --, missing data; E, estimated value; HHCb, 1,3,4,6,7,8-hexahydro-4,6,6,7,8-hexamethylcyclopenta-γ-2-benzopyran; AHTN, 6-Acetyl-1,1,2,4,4,7-hexamethyltetraline]

Site code	Map location number	Sample date	Sample time	Personal-care and (or) domestic-use compounds																					
				1,4-Dichlorobenzene	4-Cumylphenol	4-n-Octylphenol	4-tert-Octylphenol	Acetophenone	Benzophenone	Bisphenol A	Camphor	d-Limonene	Galaxolide (HHCB)	Isoborneol	Isoquinoline	Menthol	N,N-diethyl-meta-toluidide (DEET)	Nonylphenol diethoxylate (NP2EO)	Nonylphenol monoethoxylate (NP1EO)	Octylphenol diethoxylate (OP2EO)	Octylphenol monoethoxylate (OP1EO)	para-Nonylphenol	Phenol	Tonalide (AHTN)	Triclosan
Jamaica Bay region																									
JB401	116	8/19/2013	1042	<44.0	<44.0	<44.0	<44.0	<130	<44.0	<44.0	<44.0	<44.0	<44.0	<44.0	<87.0	<44.0	<87.0	<870	<440	<44.0	<220	<650	<120	<44.0	<44.0
JB407	121	8/23/2013	0955	E11.4	<210	<210	20.1	<640	<210	<210	<210	<210	16.2	<210	<430	<210	<430	<4,300	<2,140	<210	<1,100	<3,200	<480	<210	22.9
JB416	125	8/27/2013	1300	M	<55.0	<55.0	<55.0	<160	<55.0	<55.0	<55.0	<55.0	M	<55.0	<110	<55.0	<110	<1,100	<550	<55.0	<270	E190	<55.0	<55.0	<55.0
JB466	134	8/22/2013	0940	<62.0	<62.0	<62.0	<62.0	<180	<62.0	<62.0	<62.0	<62.0	<62.0	<62.0	<120	<62.0	<120	<1,200	<620	<62.0	<310	<920	<62.0	<62.0	<62.0
JB472	138	8/27/2013	0940	E33.5	<280	<280	80.6	E194	<280	<280	<280	<280	140	<280	<570	<280	<570	<5,700	E1,910	<280	<1,400	E5,280	<590	32.6	200
NOAA5	144	9/4/2013	1200	<67.0	<67.0	<67.0	<67.0	<200	<67.0	<67.0	<67.0	<67.0	<67.0	<67.0	<130	<67.0	<130	<1,300	<670	<67.0	<330	<1,000	<67.0	<67.0	<67.0
NOAA6	145	9/4/2013	1240	<53.0	<53.0	<53.0	<53.0	<160	<53.0	<53.0	<53.0	<53.0	<53.0	<53.0	<110	<53.0	<110	<1,100	<530	<53.0	<260	<790	<53.0	<53.0	<53.0
Western Bays region																									
BHB01	146	9/5/2013	0930	M	<92.0	<92.0	<92.0	<280	<92.0	E16.8	<92.0	<92.0	M	<92.0	<180	<92.0	<180	<1,800	<920	<92.0	<460	<1,400	<420	<92.0	<92.0
BMB01	147	9/12/2013	1200	M	<210	<210	<210	<620	<210	E68.9	<210	<210	<210	<210	<410	<210	<410	<4,100	<2,060	<210	<1,000	<3,100	<570	<210	<210
HHB01	148	9/9/2013	1100	M	<150	<150	<150	<450	<150	<150	<150	<150	10.8	<150	<300	<150	<300	<3,000	<1,500	<150	<750	<2,200	<230	<150	16.8
HHB01 ¹	148	9/9/2013	1400	M	<150	<150	<150	<440	<150	<150	<150	<150	10.9	<150	<290	<150	<290	<2,900	<1,470	<150	<740	<2,200	<320	<150	22.1
RC01	149	9/5/2013	1235	M	<140	<140	<140	<420	<140	<140	<140	<140	14.4	<140	<280	<140	<280	<2,800	<1,410	<140	<710	<2,100	<270	<140	<140
RC02	150	9/12/2013	1300	M	<81.0	<81.0	<81.0	<240	<81.0	E29.0	<81.0	<81.0	<81.0	<81.0	<160	<81.0	<160	<1,600	<810	<81.0	<410	<1,200	<120	<81.0	<81.0
RC03	151	9/12/2013	0900	M	<150	<150	<150	<450	<150	E17.0	<150	<150	M	<150	<300	<150	<300	<3,000	<1,490	<150	<740	<2,200	<230	<150	<150
Great South Bay region																									
GSB01	152	8/26/2013	0900	<60.0	<60.0	<60.0	<60.0	<180	<60.0	<60.0	<60.0	<60.0	<60.0	<60.0	<120	<60.0	<120	<1,200	<600	<60.0	<300	<890	<60.0	<60.0	<60.0
GSB02	153	8/26/2013	1025	M	<230	<230	<230	<700	<230	<230	<230	<230	<230	<230	<470	<230	<470	<4,700	<2,350	<230	<1,200	<3,500	<940	<230	<230
GSB03	154	8/27/2013	0845	E10.5	<95.0	<95.0	<95.0	E102	<95.0	E12.8	<95.0	<95.0	<95.0	<95.0	<190	<95.0	<190	<1,900	<950	<95.0	<480	<1,400	<140	<95.0	<95.0
GSB04	155	8/9/2013	0835	<52.0	<52.0	<52.0	<52.0	<160	<52.0	<52.0	<52.0	<52.0	<52.0	<52.0	<100	<52.0	<100	<1,000	<520	<52.0	<260	<780	<52.0	<52.0	<52.0
GSB05	156	8/16/2013	1000	<48.0	<48.0	<48.0	<48.0	<140	<48.0	<48.0	<48.0	<48.0	<48.0	<48.0	<95.0	<48.0	<95.0	<950	<480	<48.0	<240	<710	<48.0	<48.0	<48.0
GSB05 ¹	156	8/16/2013	1100	<46.0	<46.0	<46.0	<46.0	<140	<46.0	<46.0	<46.0	<46.0	<46.0	<46.0	<91.0	<46.0	<91.0	<910	<460	<46.0	<230	<680	<46.0	<46.0	<46.0
GSB06	157	8/16/2013	0845	M	<58.0	<58.0	<58.0	<170	<58.0	M	<58.0	<58.0	<58.0	<58.0	<120	<58.0	<120	<1,200	<580	<58.0	<290	<860	<66.0	<58.0	<58.0
GSB07	158	8/7/2013	1125	<55.0	<55.0	<55.0	<55.0	<170	<55.0	<55.0	<55.0	<55.0	<55.0	<55.0	<110	<55.0	<110	<1,100	<550	<55.0	<280	<830	<55.0	<55.0	<55.0
MB01	159	8/6/2013	1030	<49.0	<49.0	<49.0	<49.0	<150	<49.0	<4.0	<49.0	<49.0	<49.0	<49.0	<97.0	<49.0	<97.0	<970	<490	<49.0	<240	<730	<58.0	<49.0	<49.0
MB02	160	8/6/2013	0900	<72.0	<72.0	<72.0	<72.0	<220	<72.0	<72.0	<72.0	<72.0	<72.0	<72.0	<140	<72.0	<140	<1,400	<720	<72.0	<360	<1,100	<230	<72.0	<72.0
NOAA7	161	9/11/2013	1040	<43.0	<43.0	<43.0	<43.0	<130	<43.0	<43.0	<43.0	<43.0	<43.0	<43.0	<85.0	<43.0	<85.0	<850	<430	<43.0	<210	<640	<47.0	<43.0	<43.0
NOAA8	162	9/11/2013	1230	<49.0	<49.0	<49.0	<49.0	<150	<49.0	E11.2	<49.0	<49.0	<49.0	<49.0	<97.0	<49.0	<97.0	<970	<490	<49.0	<240	<730	<49.0	<49.0	<49.0
SOB01	163	8/7/2013	1000	<64.0	<64.0	<64.0	<64.0	<190	<64.0	<64.0	<64.0	<64.0	<64.0	<64.0	<130	<64.0	<130	<1,300	<640	<64.0	<320	<960	<64.0	<64.0	<64.0
Peconic Bay region																									
FB01	164	8/2/2013	1100	<42.0	<42.0	<42.0	<42.0	<130	<42.0	<42.0	<42.0	<42.0	<42.0	<42.0	<84.0	<42.0	<84.0	<840	<420	<42.0	<210	<630	<110	<42.0	<42.0
FB02	165	8/5/2013	0835	<130	<130	<130	<130	E113	<130	<130	<130	<130	<130	<130	<260	<130	<260	<2,600	<1,320	<130	<660	<2,000	<590	<130	<130
FB02 ¹	165	8/5/2013	0930	M	<90.0	<90.0	<90.0	<270	<90.0	<90.0	<90.0	<90.0	<90.0	<90.0	<180	<90.0	<180	<1,800	<900	<90.0	<450	<1,300	<130	<90.0	<90.0
FB03	166	8/5/2013	1100	<50.0	<50.0	<50.0	<50.0	<150	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<99.0	<50.0	<99.0	<990	<500	<50.0	<250	<740	<58.0	<50.0	<50.0
PB01	167	8/2/2013	0955	<110	<110	<110	<110	<330	<110	<110	<110	<110	<110	<110	<220	<110	<220	<2,200	<1,100	<110	<550	<1,600	<200	<110	<110

Table 19. Concentrations of wastewater compounds, grouped by predominant use, in environmental and replicate bed-sediment samples collected from the harbors and bays in New Jersey and New York during the Hurricane Sandy reconnaissance study, June–October 2013.—Continued

[Map location number refers to figures 2 and 3. Samples analyzed at the U.S. Geological Survey, National Water-Quality Laboratory in Denver, Colorado. Concentrations are in micrograms per kilogram. <, less than minimum reporting limit; M, detected but not quantified; --, missing data; E, estimated value; HHCB, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-γ-2-benzopyran; AHTN, 6-Acetyl-1,1,2,4,4,7-hexamethyltetraline]

Site code	Map location number	Sample date	Sample time	Plant- and (or) animal-derived biochemical compounds						Plasticizer and (or) flame-retardant compounds						
				3-beta-Coprostanol	3-methyl-1h-Indole	beta-Sitosterol	beta-Stigmasterol	Cholesterol	Indole	Diethylhexylphthalate	Diethylphthalate	Tributyl phosphate (TBP)	Triphenyl phosphate (TPP)	Tris (2-butoxy-ethyl) phosphate (TBEF)	Tris (2-chloro-ethyl) phosphate (TCEP)	Tris (dichloro-isopropyl) phosphate (TDCP)
Cape May region																
NCA10-1625/BBC/SJ10	1	8/13/2013	1640	<430	M	<430	<430	E 530	36.7	<210	<85.0	<43.0	<43.0	<130	<85.0	<85.0
BBE/SJ13	2	8/13/2013	1130	<820	M	<820	<820	E 1,130	63.7	<410	<160	<82.0	<82.0	<250	<160	<160
BBG/SJ11	3	8/13/2013	1400	<950	M	<950	<950	<540	44.6	<470	<190	<95.0	<95.0	<280	<190	<190
BBH/SJ12	4	8/13/2013	1530	<1,700	170	<1,800	<1,700	<1,560	248	<850	<340	<170	<170	<510	<340	<340
BBM/SJ9	5	8/13/2013	0900	<400	M	E 759	E 535	E 1,470	13.7	<200	<79.0	<40.0	<40.0	<120	<79.0	<79.0
Atlantic City region																
NCA10-1616/BBA/SJ7	6	8/12/2013	1930	<860	M	<860	<860	<730	112	<430	<170	<86.0	<86.0	<260	<170	<170
NCA10-1623/BBB/SJ6	7	8/12/2013	1600	<1,000	28.2	E 1,160	E 371	E 1,310	284	<500	<200	<100	<100	<300	<200	<200
BBL/SJ8	8	8/12/2013	1830	<850	M	<870	<850	<760	106	<420	<170	<85.0	<85.0	<250	<170	<170
Great Bay region																
NCA10-2622/BBD/SJ2	9	8/2/2013	1400	<410	M	E 385	<410	<320	27.4	<200	<81.0	<41.0	<41.0	<120	<81.0	<81.0
BBF/SJ1	10	8/2/2013	1545	<320	M	E 596	E 139	E 838	51.8	<160	<63.0	<32.0	<32.0	<95.0	<63.0	<63.0
BBI/SJ4	11	8/2/2013	1200	<670	M	E 823	E 314	E 1,200	25.0	<330	<130	<67.0	<67.0	<200	<130	<130
BBJ/SJ3	12	8/12/2013	1300	<560	M	<610	E 688	E 1,100	34.8	<280	<110	<56.0	<56.0	<170	<110	<110
BBK/SJ5	13	8/12/2013	1400	<590	M	<590	<590	<300	19.8	<300	<120	<59.0	<59.0	<180	<120	<120
NOAA9	14	9/13/2013	1015	<480	M	E 371	<480	E 526	58.7	<240	<96.0	<48.0	<48.0	<140	M	<96.0
Barnegat Bay region																
BB01	16	7/26/2013	1230	<410	<41.0	<410	<410	<210	M	<210	<82.0	<41.0	<41.0	<120	<82.0	<82.0
BB02	17	7/31/2013	1530	<730	M	E 958	<730	E 772	83.9	<360	<150	<73.0	<73.0	<220	<150	<150
BB03	18	7/31/2013	1630	<500	M	E 849	E 216	E 749	90.7	273	<100	<50.0	<50.0	<150	<100	<100
BB05A	19	7/31/2013	1030	<460	M	E 319	<460	<330	38.9	<230	<92.0	<46.0	<46.0	<140	<92.0	<92.0
BB06	20	7/31/2013	0930	<590	M	<590	<590	<340	34.3	<300	<120	<59.0	<59.0	<180	<120	<120
BB07A	21	7/31/2013	1200	<600	M	E 597	<600	E 907	92.3	<300	<120	<60.0	<60.0	<180	<120	<120
BB09	22	7/30/2013	1530	<340	M	E 410	<340	E 622	36.0	<170	<67.0	<34.0	<34.0	<100	<67.0	<67.0
BB10	23	7/24/2013	1100	<680	M	E 888	<680	E 1,300	81.2	<340	<140	<68.0	<68.0	<200	<140	<140
BB11	24	7/29/2013	1615	<670	10.6	E 878	<670	E 740	72.2	<330	<130	<67.0	<67.0	<200	<130	<130
BB13	25	7/29/2013	1330	<480	M	E 591	<480	E 743	77.7	<240	<96.0	<48.0	<48.0	<140	<96.0	<96.0
MANA1	26	8/8/2013	1130	<550	17.6	E 1,020	<550	E 2,120	193	<280	<110	<55.0	<55.0	<170	<110	<110
MANA2	27	8/13/2013	1300	<1,600	28.8	<2,000	<1,600	E 1,900	279	<810	<320	<160	<160	<480	<320	<320
NOAA3	28	8/26/2013	1120	<1,400	98	E 3,600	E 2,030	E 2,030	930	<680	<270	<140	<140	--	<270	--
NOAA3 ¹	28	8/26/2013	1140	<720	46.6	E 1,940	E 1,270	E 1,720	434	<360	<140	<72.0	<72.0	--	<140	--
NOAA4	29	8/26/2013	1400	E 193	32.4	E 3,540	E 1,550	E 1,690	455	<210	<84.0	<42.0	<42.0	--	<84.0	--
NOAA10	30	9/13/2013	1230	<770	M	E 538	<770	E 734	89.7	<380	<150	<77.0	<77.0	<230	<150	<150

Table 19. Concentrations of wastewater compounds, grouped by predominant use, in environmental and replicate bed-sediment samples collected from the harbors and bays in New Jersey and New York during the Hurricane Sandy reconnaissance study, June–October 2013.—Continued

[Map location number refers to figures 2 and 3. Samples analyzed at the U.S. Geological Survey, National Water-Quality Laboratory in Denver, Colorado. Concentrations are in micrograms per kilogram. <, less than minimum reporting limit; M, detected but not quantified; --, missing data; E, estimated value; HHCB, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-γ-2-benzopyran; AHTN, 6-Acetyl-1,1,2,4,4,7-hexamethyltetraline]

Site code	Map location number	Sample date	Sample time	Plant- and (or) animal-dervied biochemical compounds						Plasticizer and (or) flame-retardant compounds						
				3-beta-Coprostanol	3-methyl-1h-Indole	beta-Sitosterol	beta-Stigmastanol	Cholesterol	Indole	Diethylhexylphthalate	Diethylphthalate	Tributyl phosphate (TBP)	Triphenyl phosphate (TPP)	Tris (2-butoxy-ethyl) phosphate (TBEF)	Tris (2-chloro-ethyl) phosphate (TCEP)	Tris (dichloro-isopropyl) phosphate (TDCP)
Northeast New Jersey shore region																
NAV1	31	8/6/2013	1400	<420	M	E 545	<420	E 734	133	<210	<84.0	<42.0	<42.0	<130	<84.0	<84.0
NAV2	32	8/6/2013	1100	<710	48.6	E 2,740	E 904	E 1,940	E 706	<360	<140	<71.0	<71.0	<210	<140	<140
NOAA1	33	8/6/2013	1200	<1,500	48.4	E 1,810	E 960	E 3,300	884	<730	<290	<150	<150	<440	<290	<290
NOAA2	34	8/15/2013	1300	<410	M	<410	<410	<210	26.9	<210	<82.0	<41.0	<41.0	--	<82.0	<82.0
NOAA2 ¹	34	8/15/2013	1500	<1,100	22.4	E 1,170	E 414	E 1,770	203	<550	<220	<110	<110	--	<220	
SHARK1	35	8/15/2013	1315	<980	44.7	<1,400	E 718	E 2,370	715	<490	<200	<98.0	<98.0	<290	<200	<200
SHARK1 ¹	35	8/15/2013	1415	<1,600	55.7	E 1,440	E 905	E 2,970	799	<790	<310	<160	<160	<470	<310	<310
SHREW1	36	8/7/2013	1030	<510	26.4	E 1,100	E 428	E 1,620	562	918	<100	<51.0	<51.0	<150	<100	<100
SHREW2	37	8/7/2013	1200	<450	14.9	<740	E 426	E 1,230	161	<230	<90.0	<45.0	<45.0	<140	<90.0	<90.0
Lower Harbor/Raritan Bay region																
RB401	38	7/30/2013	1013	<720	14.9	<720	<720	E 1,720	122	<360	<140	<72.0	<72.0	<210	<140	<140
RB404	41	7/25/2013	1120	E 1,060	40.6	E 2,630	E 1,060	E 3,080	538	315	<140	<71.0	<71.0	<210	<140	<140
RB414	50	7/17/2013	1205	<960	M	<960	<960	<740	97.1	<480	<190	<96.0	<96.0	<290	<190	<190
RB416	51	8/1/2013	1000	<1,700	62.1	E 2,990	E 1,720	E 4,690	375	<840	<340	<170	<170	<500	<340	<340
RB457	58	7/17/2013	1005	<550	M	<550	<550	<380	34.7	<280	<110	<55.0	<55.0	<170	<110	<110
RB458	59	7/31/2013	0928	<540	M	<540	<540	<270	15.0	<270	<110	<54.0	<54.0	<160	<110	<110
RB462	62	9/25/2013	1220	<450	M	<520	<450	E 540	59.4	174	<89.0	<45.0	<45.0	<130	<89.0	<89.0
Newark Bay region																
NB405	67	7/16/2013	1040	E 541	25.8	E 1,690	E 456	E 905	150	776	<99.0	<50.0	<50.0	<150	<99.0	<99.0
NB413	72	7/15/2013	1230	E 1,890	31.9	E 1,990	E 655	E 2,240	486	842	<150	<75.0	<75.0	<230	<150	<150
NB418	75	8/12/2013	0950	E 852	12.5	E 641	E 377	E 1,800	102	200	<80.0	<40.0	<40.0	--	<80.0	--
NB424	78	8/14/2013	1400	E 2,190	20.1	<1,600	E 957	E 2,000	308	753	<180	<90.0	<90.0	<270	<180	<180
NB427	81	7/2/2013	0945	E 1,790	30.6	<1,900	E 1,120	E 2,900	385	792	<240	<120	<120	<360	<240	<240
NB429	82	9/3/2013	1446	E 567	38.4	E 1,260	E 924	E 3,190	450	363	<110	<55.0	<55.0	--	<110	--
NB431	84	7/10/2013	0920	E 616	13.0	E 1,050	E 390	E 1,430	207	398	<200	<100	<100	<310	<200	<200
NB450	85	9/13/2013	1035	E 2,420	31.8	E 4,320	E 1,180	E 3,580	393	1,940	<150	<77.0	E 20.8	<230	<150	<150
NB461	92	8/15/2013	1226	E 1,040	17.7	E 1,600	E 677	E 3,010	343	691	<240	<120	<120	<370	<240	<240
Upper Harbor region																
UH401	94	6/27/2013	0904	E 4,960	73.1	<3,600	<2,300	E 6,530	768	1,230	<460	<230	<230	<690	<460	<460
UH402	95	7/8/2013	0933	<1,200	31.3	<1,200	E 1,130	E 1,600	243	<580	<230	<120	<120	<350	<230	<230
UH412	100	9/11/2013	1225	E 669	11.8	E 499	E 319	E 1,610	119	<290	<120	<58.0	<58.0	<170	<120	<120
UH413	101	8/29/2013	1300	E 1,600	37.2	E 1,270	E 785	E 1,940	264	328	<130	<63.0	<63.0	--	<130	--
UH461	110	9/9/2013	1243	E 1,570	41.1	E 2,550	E 940	E 3,770	264	554	<370	<180	<180	<550	<370	<370
UH463	111	7/9/2013	1320	E 2,250	117	E 4,160	E 2,170	E 6,160	1,280	<890	<360	<180	E 5,860	--	<360	--

Table 19. Concentrations of wastewater compounds, grouped by predominant use, in environmental and replicate bed-sediment samples collected from the harbors and bays in New Jersey and New York during the Hurricane Sandy reconnaissance study, June–October 2013.—Continued

[Map location number refers to figures 2 and 3. Samples analyzed at the U.S. Geological Survey, National Water-Quality Laboratory in Denver, Colorado. Concentrations are in micrograms per kilogram. <, less than minimum reporting limit; M, detected but not quantified; --, missing data; E, estimated value; HHCB, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-γ-2-benzopyran; AHTN, 6-Acetyl-1,1,2,4,4,7-hexamethyltetraline]

Site code	Map location number	Sample date	Sample time	Plant- and (or) animal-dervied biochemical compounds						Plasticizer and (or) flame-retardant compounds						
				3-beta-Coprostanol	3-methyl-1h-Indole	beta-Sitosterol	beta-Stigmastanol	Cholesterol	Indole	Diethylhexyphthalate	Diethylphthalate	Tributyl phosphate (TBP)	Triphenyl phosphate (TPP)	Tris (2-butoxy-ethyl) phosphate (TBEP)	Tris (2-chloro-ethyl) phosphate (TCEP)	Tris (dichloro-isopropyl) phosphate (TDCP)
Jamaica Bay region																
JB401	116	8/19/2013	1042	<440	M	<440	<440	E 669	84.8	<220	<87.0	<44.0	<44.0	--	<87.0	--
JB407	121	8/23/2013	0955	E 1,030	82.2	E 3,310	E 2,650	E 5,280	1,310	<1,100	<430	<210	<210	<640	<430	--
JB416	125	8/27/2013	1300	E 168	14.0	E 361	E 246	E 871	151	<270	<110	<55.0	<55.0	<160	<110	<110
JB466	134	8/22/2013	0940	<620	M	<620	<620	<310	46.8	<310	<120	<62.0	<62.0	<180	<120	<120
JB472	138	8/27/2013	0940	E 2,400	122	E 7,420	E 3,620	E 5,860	1,810	E 3,860	<570	65.9	<280	<850	<570	--
NOAA5	144	9/4/2013	1200	<670	M	E 778	E 328	E 1,480	87.5	<330	<130	<67.0	<67.0	<200	<130	<130
NOAA6	145	9/4/2013	1240	E 157	M	<660	<530	E 1,360	68.8	<260	<110	<53.0	<53.0	<160	<110	<110
Western Bays region																
BHB01	146	9/5/2013	0930	E 581	48.0	E 1,010	E 745	E 3,070	316	<460	<180	<92.0	<92.0	<280	<180	--
BMB01	147	9/12/2013	1200	<2,100	57.1	E 2,160	E 1,280	E 8,730	427	<1,000	<410	<210	<210	<620	<410	--
HHB01	148	9/9/2013	1100	E 932	57.8	E 2,630	E 1,080	E 4,590	641	<750	<300	<150	<150	<450	<300	<300
HHB01 ¹	148	9/9/2013	1400	E 951	18.0	E 1,740	<1,500	E 5,330	61.7	<740	<290	<150	<150	<440	<290	<290
RC01	149	9/5/2013	1235	E 1,450	23.7	E 1,480	E 1,270	E 6,310	455	<710	<280	<140	<140	<420	<280	--
RC02	150	9/12/2013	1300	<810	M	E 595	E 554	E 1,700	61.4	<410	<160	<81.0	<81.0	<240	E 18	<160
RC03	151	9/12/2013	0900	E 1,260	29.6	E 1,470	<1,500	E 5,770	398	<740	<300	<150	<150	<450	<300	--
Great South Bay region																
GSB01	152	8/26/2013	0900	<600	M	<600	<600	<380	35.7	<300	<120	<60.0	<60.0	<180	<120	<120
GSB02	153	8/26/2013	1025	<2,300	41.5	E 4,730	E 1,830	E 9,500	800	<1,200	<470	<230	<230	<700	<470	<470
GSB03	154	8/27/2013	0845	<950	10.6	E 897	E 532	E 989	177	<480	<190	<95.0	<95.0	<290	<190	<190
GSB04	155	8/9/2013	0835	<520	M	<520	<520	<280	29.2	<260	<100	<52.0	<52.0	<160	<100	<100
GSB05	156	8/16/2013	1000	<480	M	E 380	<480	E 945	58.9	<240	<95.0	<48.0	<48.0	<140	<95.0	<95.0
GSB05 ¹	156	8/16/2013	1100	<460	M	E 350	E 202	E 1,630	50.2	<230	<91.0	<46.0	<46.0	<140	<91.0	<91.0
GSB06	157	8/16/2013	0845	<580	M	E 610	E 228	E 1,690	164	<290	<120	<58.0	<58.0	<170	<120	<120
GSB07	158	8/7/2013	1125	<550	M	<550	<550	E 445	33.7	<280	<110	<55.0	<55.0	<170	<110	<110
MB01	159	8/6/2013	1030	E 107	M	<570	<490	E 566	31.8	<240	<97.0	<49.0	<49.0	<150	<97.0	<97.0
MB02	160	8/6/2013	0900	<720	M	E 1,130	<720	E 5,160	101	<360	<140	<72.0	<72.0	<220	<140	<140
NOAA7	161	9/11/2013	1040	<430	M	E 640	E 221	E 1,260	72.4	<210	<85.0	<43.0	<43.0	<130	<85.0	--
NOAA8	162	9/11/2013	1230	<490	M	<490	<490	E 396	36.0	<240	<97.0	<49.0	<49.0	<150	<97.0	--
SOB01	163	8/7/2013	1000	<640	M	E 443	<640	E 1,370	78.4	<320	<130	<64.0	<64.0	<190	<130	<130
Peconic Bay region																
FB01	164	8/2/2013	1100	<420	M	E 366	<420	E 379	17.8	<210	<84.0	<42.0	<42.0	<130	<84.0	<84.0
FB02	165	8/5/2013	0835	<1,300	14.0	E 871	<1,300	E 1,780	163	<660	<260	<130	<130	<390	<260	<260
FB02 ¹	165	8/5/2013	0930	<900	M	E 548	E 347	E 792	120	<450	<180	<90.0	<90.0	<270	<180	<180
FB03	166	8/5/2013	1100	<500	M	E 571	E 220	E 1,300	52.0	<250	<99.0	<50.0	<50.0	<150	<99.0	<99.0
PB01	167	8/2/2013	0955	<1,100	M	E 791	<1,100	E 2,000	145	<550	<220	<110	<110	<330	<220	<220

¹Field replicate.