

**Table C-A-1  
Collection Details for Surface Sediment Grabs Processed Using Phase 1 Methods**

Station ID	Surface Sediment Sampling Program	Collection Date	Sample Method	Field Recovery Length (cm)	Distance from Newtown Creek Mouth (creek miles)	Surface Sediment Grab Elevation (feet NAVD88)	Most Notable Visual Observations
DK002SG	Surface Sediment Analytical Chemistry – Event 1	05/02/2012	Ekman Grab	13	0.90	-18.8	Sheen
DK003SG	Surface Sediment Analytical Chemistry – Event 1	05/02/2012	Ekman Grab	15	0.97	-3.4	Sheen
DK003SG	Surface Sediment Analytical Chemistry – Event 2	08/20/2012	Ekman Grab	10	0.97	-2.0	None
DK004SG	Surface Sediment Analytical Chemistry – Event 1	05/02/2012	Ekman Grab	18	1.08	-14.9	Sheen
DK005SG	Surface Sediment Analytical Chemistry – Event 1	05/02/2012	Ekman Grab	16	1.11	-15.1	Sheen
DK006SG	Surface Sediment Analytical Chemistry – Event 1	05/02/2012	Ekman Grab	16	1.13	-12.7	Sheen
DK007SG	Surface Sediment Analytical Chemistry – Event 1	05/02/2012	Ekman Grab	16	1.21	-12.9	Sheen
DK007SG	Surface Sediment Analytical Chemistry – Event 2	08/22/2012	Ekman Grab	25	1.21	-12.9	Sheen
DK008SG	Surface Sediment Analytical Chemistry – Event 1	04/20/2012	Ekman Grab	19	1.27	-13.7	Sheen
DK009SG	Surface Sediment Analytical Chemistry – Event 1	04/20/2012	Ekman Grab	15	1.30	-6.9	Sheen
DK010SG	Surface Sediment Analytical Chemistry – Event 1	04/20/2012	Ekman Grab	17	1.32	-11.9	Sheen
DK010SG	Post-Hurricane Sandy Surface Sediment	02/25/2013	Ekman Grab	18	1.32	-13.0	Sheen
DK011SG	Surface Sediment Analytical Chemistry – Event 1	05/02/2012	Ekman Grab	16	1.44	-13.0	Sheen
DK011SG	Surface Sediment Analytical Chemistry – Event 2	08/22/2012	Ekman Grab	22	1.44	-11.0	Sheen
EB001SG	Surface Sediment Analytical Chemistry – Event 1	04/17/2012	Ekman Grab	21	2.92	-9.5	Sheen
EB001SG	Post-Hurricane Sandy Surface Sediment	02/26/2013	Ekman Grab	16	2.92	-10.1	Sheen
EB002SG	Phase 1 USEPA-Identified/Phase 1 Shake Tested	04/17/2012	Ekman Grab	17	2.92	-16.2	Sheen
EB003SG	Phase 1 USEPA-Identified/Phase 1 Shake Tested	04/17/2012	Ekman Grab	10	2.92	-9.8	Sheen
EB004SG	Surface Sediment Analytical Chemistry – Event 1	05/07/2012	Ekman Grab	16	2.98	-11.2	Sheen
EB005SG	Surface Sediment Analytical Chemistry – Event 1	04/20/2012	Ekman Grab	16	2.98	-4.3	Sheen
EB006SG	Surface Sediment Analytical Chemistry – Event 1	05/07/2012	Ekman Grab	16	3.00	-19.7	Sheen
EB006SG	Surface Sediment Analytical Chemistry – Event 2	08/21/2012	Ekman Grab	22	3.00	-19.4	Sheen
EB007SG	Surface Sediment Analytical Chemistry – Event 1	05/07/2012	Ekman Grab	12	3.05	-16.2	Sheen
EB008SG	Surface Sediment Analytical Chemistry – Event 1	05/08/2012	Ekman Grab	16	3.11	-9.3	Sheen
EB008SG	Surface Sediment Analytical Chemistry – Event 2	08/21/2012	Ekman Grab	16	3.11	-8.9	None
EB008SG	Post-Hurricane Sandy Surface Sediment	02/26/2013	Ekman Grab	22	3.10	-9.2	Sheen
EB009SG	Surface Sediment Analytical Chemistry – Event 1	05/08/2012	Ekman Grab	18	3.14	-6.6	Sheen
EB010SG	Surface Sediment Analytical Chemistry – Event 1	04/20/2012	Ekman Grab	9	3.18	-4.7	Sheen
EK001SG	Surface Sediment Analytical Chemistry – Event 1	04/18/2012	Ekman Grab	21	2.91	-13.9	Sheen
EK001SG	Surface Sediment Analytical Chemistry – Event 2	08/21/2012	Ekman Grab	19	2.91	-12.6	Sheen
EK002SG	Surface Sediment Analytical Chemistry – Event 1	04/25/2012	van Veen Grab	16	2.90	-20.7	Sheen
EK002SG	Surface Sediment Analytical Chemistry – Event 2	08/21/2012	Ekman Grab	15	2.87	-20.3	Sheen
EK003SG	Surface Sediment Analytical Chemistry – Event 1	04/18/2012	Ekman Grab	17	2.95	-20.9	Sheen
EK004SG	Surface Sediment Analytical Chemistry – Event 1	05/08/2012	Ekman Grab	21	3.04	-3.3	Sheen
EK005SG	Surface Sediment Analytical Chemistry – Event 1	04/25/2012	Ekman Grab	20	3.04	-8.2	Sheen
EK005SG	Post-Hurricane Sandy Surface Sediment	02/26/2013	Power Grab	16	3.04	-10.8	Sheen
EK007SG	Surface Sediment Analytical Chemistry – Event 1	04/18/2012	Ekman Grab	16	3.23	-13.0	Sheen
EK007SG	Post-Hurricane Sandy Surface Sediment	02/26/2013	Power Grab	21	3.23	-14.9	Sheen
EK008SG	Surface Sediment Analytical Chemistry – Event 1	04/18/2012	Ekman Grab	15	3.24	-20.6	Sheen

**Table C-A-1  
Collection Details for Surface Sediment Grabs Processed Using Phase 1 Methods**

<b>Station ID</b>	<b>Surface Sediment Sampling Program</b>	<b>Collection Date</b>	<b>Sample Method</b>	<b>Field Recovery Length (cm)</b>	<b>Distance from Newtown Creek Mouth (creek miles)</b>	<b>Surface Sediment Grab Elevation (feet NAVD88)</b>	<b>Most Notable Visual Observations</b>
EK009SG	Surface Sediment Analytical Chemistry – Event 1	04/25/2012	Ekman Grab	21	3.23	-13.7	Sheen
EK010SG	Surface Sediment Analytical Chemistry – Event 1	04/18/2012	Ekman Grab	21	3.31	-11.1	Sheen
EK010SG	Surface Sediment Analytical Chemistry – Event 2	08/21/2012	Ekman Grab	19	3.31	-11.6	Sheen
EK011SG	Surface Sediment Analytical Chemistry – Event 1	05/09/2012	Ekman Grab	10	3.39	-10.8	Sheen
EK012SG	Surface Sediment Analytical Chemistry – Event 1	04/25/2012	van Veen Grab	15	3.45	-8.8	Sheen
EK013SG	Surface Sediment Analytical Chemistry – Event 1	04/25/2012	van Veen Grab	17	3.42	-8.7	Sheen
EK015SG	Surface Sediment Analytical Chemistry – Event 1	04/25/2012	Ekman Grab	19	3.53	-7.7	Sheen
EK016SG	Surface Sediment Analytical Chemistry – Event 1	04/25/2012	Ekman Grab	27	3.58	-8.5	Sheen
EK016SG	Surface Sediment Analytical Chemistry – Event 2	08/22/2012	Ekman Grab	15	3.58	-11.2	Sheen
EK016SG	Post-Hurricane Sandy Surface Sediment	02/26/2013	Ekman Grab	16	3.58	-10.3	Sheen
EK017SG	Surface Sediment Analytical Chemistry – Event 1	05/08/2012	Ekman Grab	22	3.61	-6.2	Sheen
EK018SG	Surface Sediment Analytical Chemistry – Event 1	05/08/2012	Ekman Grab	24	3.67	-3.1	Sheen
EK019SG	Surface Sediment Analytical Chemistry – Event 1	05/08/2012	Ekman Grab	15	3.67	-4.4	Sheen
EK020SG	Surface Sediment Analytical Chemistry – Event 1	05/08/2012	Ekman Grab	10	3.67	-1.5	Sheen
EK021SG	Surface Sediment Analytical Chemistry – Event 1	05/08/2012	Ekman Grab	13	3.74	-3.8	Sheen
EK021SG	Surface Sediment Analytical Chemistry – Event 2	08/21/2012	Ekman Grab	23	3.71	-4.3	Sheen
MC001SG	Surface Sediment Analytical Chemistry – Event 1	04/24/2012	Ekman Grab	10	2.45	-3.9	Sheen
MC002SG	Surface Sediment Analytical Chemistry – Event 1	05/07/2012	Ekman Grab	16	2.49	-2.9	Sheen
MC002SG	Surface Sediment Analytical Chemistry – Event 2	08/21/2012	Ekman Grab	12	2.48	-3.9	None
MC003SG	Surface Sediment Analytical Chemistry – Event 1	05/07/2012	Ekman Grab	17	2.52	-1.4	None
MC004SG	Surface Sediment Analytical Chemistry – Event 1	05/07/2012	Ekman Grab	16	2.52	-0.5	Sheen
MC005SG	Surface Sediment Analytical Chemistry – Event 1	05/07/2012	Ekman Grab	21	2.52	-2.5	Sheen
MC006SG	Surface Sediment Analytical Chemistry – Event 1	05/07/2012	Ekman Grab	18	2.57	-2.1	Sheen
MC006SG	Surface Sediment Analytical Chemistry – Event 2	08/21/2012	Ekman Grab	23	2.57	-2.0	Sheen
MC006SG	Post-Hurricane Sandy Surface Sediment	02/26/2013	Ekman Grab	9	2.57	-3.0	Sheen
MC007SG	Surface Sediment Analytical Chemistry – Event 1	04/24/2012	Ekman Grab	6	2.63	-1.8	Sheen
MC007SG	Surface Sediment Analytical Chemistry – Event 1	05/07/2012	Ekman Grab	10	2.62	-1.6	Sheen
NC001SG	Surface Sediment Analytical Chemistry – Event 1	05/06/2012	Ekman Grab	16	0.02	-18.5	None
NC002SG	Surface Sediment Analytical Chemistry – Event 1	05/09/2012	van Veen Grab	16	0.10	-11.6	Sheen
NC002SG	Surface Sediment Analytical Chemistry – Event 2	08/22/2012	van Veen Grab	16	0.10	-11.6	None
NC002SG	Post-Hurricane Sandy Surface Sediment	02/26/2013	Power Grab	30	0.10	-12.6	Sheen
NC004SG	Surface Sediment Analytical Chemistry – Event 1	05/09/2012	van Veen Grab	17	0.08	-14.4	None
NC004SG	Surface Sediment Analytical Chemistry – Event 2	08/22/2012	van Veen Grab	16	0.08	-13.5	None
NC004SG	Post-Hurricane Sandy Surface Sediment	02/26/2013	Power Grab	22	0.08	-15.0	None
NC005SG	Surface Sediment Analytical Chemistry – Event 1	05/06/2012	Ekman Grab	10	0.15	-21.1	None
NC006SG	Surface Sediment Analytical Chemistry – Event 1	05/09/2012	Ekman Grab	13	0.21	-7.1	None
NC006SG	Surface Sediment Analytical Chemistry – Event 2	08/22/2012	Ekman Grab	12	0.21	-6.7	None
NC007SG	Surface Sediment Analytical Chemistry – Event 1	05/09/2012	Ekman Grab	13	0.21	-21.4	None
NC007SG	Surface Sediment Analytical Chemistry – Event 2	08/22/2012	Ekman Grab	15	0.22	-20.7	None
NC008SG	Surface Sediment Analytical Chemistry – Event 1	05/09/2012	Ekman Grab	13	0.21	-7.5	None
NC008SG	Surface Sediment Analytical Chemistry – Event 2	08/22/2012	Ekman Grab	14	0.21	-6.8	None

**Table C-A-1  
Collection Details for Surface Sediment Grabs Processed Using Phase 1 Methods**

<b>Station ID</b>	<b>Surface Sediment Sampling Program</b>	<b>Collection Date</b>	<b>Sample Method</b>	<b>Field Recovery Length (cm)</b>	<b>Distance from Newtown Creek Mouth (creek miles)</b>	<b>Surface Sediment Grab Elevation (feet NAVD88)</b>	<b>Most Notable Visual Observations</b>
NC008SG	Post-Hurricane Sandy Surface Sediment	02/28/2013	Power Grab	27	0.21	-9.4	Sheen
NC009SG	Surface Sediment Analytical Chemistry – Event 1	05/10/2012	Ekman Grab	16	0.32	-12.1	None
NC009SG	Post-Hurricane Sandy Surface Sediment	02/28/2013	Power Grab	26	0.32	-13.2	Sheen
NC010SG	Surface Sediment Analytical Chemistry – Event 1	05/06/2012	Ekman Grab	18	0.31	-21.9	None
NC011SG	Surface Sediment Analytical Chemistry – Event 1	05/10/2012	Ekman Grab	13	0.31	-5.3	None
NC013SG	Surface Sediment Analytical Chemistry – Event 1	05/06/2012	Ekman Grab	13	0.44	-22.3	Sheen
NC014SG	Surface Sediment Analytical Chemistry – Event 1	05/10/2012	Ekman Grab	15	0.44	-18.9	None
NC015SG	Surface Sediment Analytical Chemistry – Event 1	05/06/2012	Ekman Grab	16	0.50	-8.5	Sheen
NC015SG	Post-Hurricane Sandy Surface Sediment	02/28/2013	Power Grab	26	0.50	-12.1	Sheen
NC016SG	Surface Sediment Analytical Chemistry – Event 1	05/06/2012	Ekman Grab	18	0.50	-13.5	Sheen
NC017SG	Surface Sediment Analytical Chemistry – Event 1	04/16/2012	Ekman Grab	9	0.58	-13.4	None
NC017SG	Surface Sediment Analytical Chemistry – Event 2	08/20/2012	Ekman Grab	11	0.58	-14.2	Sheen
NC018SG	Surface Sediment Analytical Chemistry – Event 1	04/19/2012	van Veen Grab	16	0.58	-26.6	None
NC018SG	Surface Sediment Analytical Chemistry – Event 2	08/20/2012	Ekman Grab	10	0.58	-27.0	None
NC019SG	Surface Sediment Analytical Chemistry – Event 1	04/16/2012	Ekman Grab	13	0.58	-9.9	None
NC019SG	Surface Sediment Analytical Chemistry – Event 2	08/20/2012	Ekman Grab	15	0.57	-7.0	Sheen
NC021SG	Surface Sediment Analytical Chemistry – Event 1	04/19/2012	van Veen Grab	19	0.69	-17.3	None
NC022SG	Surface Sediment Analytical Chemistry – Event 1	04/19/2012	van Veen Grab	16	0.69	-22.2	Sheen
NC022SG	Post-Hurricane Sandy Surface Sediment	02/25/2013	Power Grab	25	0.69	-23.0	Sheen
NC023SG	Surface Sediment Analytical Chemistry – Event 1	04/19/2012	van Veen Grab	18	0.69	-13.0	Sheen
NC024SG	Surface Sediment Analytical Chemistry – Event 1	04/19/2012	Ekman Grab	15	0.78	-12.7	Sheen
NC025SG	Surface Sediment Analytical Chemistry – Event 1	04/21/2012	Ekman Grab	11	0.78	-24.3	Sheen
NC026SG	Surface Sediment Analytical Chemistry – Event 1	04/19/2012	Ekman Grab	15	0.78	-18.3	Sheen
NC027SG	Surface Sediment Analytical Chemistry – Event 1	05/06/2012	Ekman Grab	10	0.91	-27.2	Sheen
NC027SG	Post-Hurricane Sandy Surface Sediment	02/25/2013	Power Grab	23	0.91	-26.6	None
NC028SG	Surface Sediment Analytical Chemistry – Event 1	05/06/2012	Ekman Grab	12	0.93	-25.9	Sheen
NC029SG	Surface Sediment Analytical Chemistry – Event 1	04/24/2012	Ekman Grab	15	1.01	-13.5	Sheen
NC029SG	Surface Sediment Analytical Chemistry – Event 2	08/28/2012	Ekman Grab	14	1.01	-13.5	Sheen
NC030SG	Surface Sediment Analytical Chemistry – Event 1	05/01/2012	Ekman Grab	17	1.07	-22.2	Sheen
NC031SG	Surface Sediment Analytical Chemistry – Event 1	05/01/2012	Ekman Grab	17	1.07	-26.4	Sheen
NC032SG	Surface Sediment Analytical Chemistry – Event 1	05/01/2012	Ekman Grab	16	1.08	-13.9	Sheen
NC033SG	Surface Sediment Analytical Chemistry – Event 1	04/21/2012	Ekman Grab	15	1.17	-22.7	Sheen
NC033SG	Surface Sediment Analytical Chemistry – Event 2	08/20/2012	Ekman Grab	18	1.16	-24.6	Sheen
NC034SG	Surface Sediment Analytical Chemistry – Event 1	04/21/2012	Ekman Grab	11	1.16	-25.4	Sheen
NC034SG	Surface Sediment Analytical Chemistry – Event 2	08/20/2012	Ekman Grab	13	1.16	-25.2	None
NC035SG	Surface Sediment Analytical Chemistry – Event 1	04/21/2012	Ekman Grab	15	1.16	-14.6	Sheen
NC035SG	Surface Sediment Analytical Chemistry – Event 2	08/20/2012	Ekman Grab	15	1.16	-16.0	None
NC035SG	Post-Hurricane Sandy Surface Sediment	02/25/2013	Power Grab	22	1.16	-13.8	None
NC036SG	Surface Sediment Analytical Chemistry – Event 1	04/30/2012	Ekman Grab	17	1.25	-15.1	None
NC037SG	Surface Sediment Analytical Chemistry – Event 1	04/21/2012	Ekman Grab	14	1.25	-23.1	None
NC038SG	Surface Sediment Analytical Chemistry – Event 1	04/23/2012	Ekman Grab	15	1.28	-16.8	Sheen

**Table C-A-1**  
**Collection Details for Surface Sediment Grabs Processed Using Phase 1 Methods**

Station ID	Surface Sediment Sampling Program	Collection Date	Sample Method	Field Recovery Length (cm)	Distance from Newtown Creek Mouth (creek miles)	Surface Sediment Grab Elevation (feet NAVD88)	Most Notable Visual Observations
NC039SG	Surface Sediment Analytical Chemistry – Event 1	04/21/2012	Ekman Grab	17	1.31	-13.8	Sheen
NC039SG	Post-Hurricane Sandy Surface Sediment	02/25/2013	Power Grab	26	1.32	-12.1	Sheen
NC040SG	Surface Sediment Analytical Chemistry – Event 1	04/23/2012	Ekman Grab	10	1.31	-20.3	Sheen
NC040SG	Post-Hurricane Sandy Surface Sediment	02/25/2013	Power Grab	22	1.31	-20.6	Sheen
NC041SG	Surface Sediment Analytical Chemistry – Event 1	04/23/2012	Ekman Grab	15	1.31	-16.2	Sheen
NC041SG	Post-Hurricane Sandy Surface Sediment	02/25/2013	Power Grab	24	1.31	-14.5	None
NC042SG	Surface Sediment Analytical Chemistry – Event 1	04/23/2012	Ekman Grab	15	1.45	-15.7	Sheen
NC043SG	Surface Sediment Analytical Chemistry – Event 1	04/30/2012	Ekman Grab	16	1.44	-22.6	Sheen
NC044SG	Surface Sediment Analytical Chemistry – Event 1	04/23/2012	Ekman Grab	12	1.45	-13.0	Sheen
NC045SG	Surface Sediment Analytical Chemistry – Event 1	04/24/2012	Ekman Grab	12	1.54	-23.8	Sheen
NC046SG	Surface Sediment Analytical Chemistry – Event 1	04/30/2012	Ekman Grab	16	1.54	-24.4	Sheen
NC046SG	Surface Sediment Analytical Chemistry – Event 2	08/21/2012	Ekman Grab	16	1.54	-24.4	None
NC047SG	Surface Sediment Analytical Chemistry – Event 1	04/23/2012	Ekman Grab	8	1.54	-14.5	Sheen
NC047SG	Surface Sediment Analytical Chemistry – Event 2	08/20/2012	Ekman Grab	9	1.54	-15.9	Sheen
NC048SG	Surface Sediment Analytical Chemistry – Event 1	04/24/2012	Ekman Grab	12	1.64	-19.3	Sheen
NC049SG	Surface Sediment Analytical Chemistry – Event 1	04/30/2012	Ekman Grab	16	1.63	-20.8	Sheen
NC049SG	Post-Hurricane Sandy Surface Sediment	02/28/2013	Power Grab	30	1.63	-20.0	Sheen
NC050SG	Surface Sediment Analytical Chemistry – Event 1	04/30/2012	Ekman Grab	17	1.63	-10.9	Sheen
NC051SG	Surface Sediment Analytical Chemistry – Event 1	04/30/2012	Ekman Grab	17	1.72	-15.3	Sheen
NC052SG	Surface Sediment Analytical Chemistry – Event 1	04/30/2012	Ekman Grab	15	1.72	-18.5	Sheen
NC053SG	Surface Sediment Analytical Chemistry – Event 1	04/30/2012	Ekman Grab	21	1.72	-15.3	Sheen
NC054SG	Surface Sediment Analytical Chemistry – Event 1	04/30/2012	Ekman Grab	16	1.82	-17.2	Sheen
NC055SG	Surface Sediment Analytical Chemistry – Event 1	04/30/2012	Ekman Grab	17	1.82	-21.6	Sheen
NC056SG	Surface Sediment Analytical Chemistry – Event 1	04/30/2012	Ekman Grab	16	1.83	-13.9	Sheen
NC057SG	Surface Sediment Analytical Chemistry – Event 1	05/01/2012	Ekman Grab	16	1.92	-16.4	Sheen
NC058SG	Surface Sediment Analytical Chemistry – Event 1	05/01/2012	Ekman Grab	18	1.94	-25.2	Sheen
NC058SG	Surface Sediment Analytical Chemistry – Event 2	08/21/2012	Ekman Grab	19	1.94	-24.0	None
NC059SG	Surface Sediment Analytical Chemistry – Event 1	05/01/2012	Ekman Grab	16	1.94	-13.3	Sheen
NC059SG	Surface Sediment Analytical Chemistry – Event 2	08/21/2012	Ekman Grab	16	1.95	-11.2	None
NC059SG	Post-Hurricane Sandy Surface Sediment	02/28/2013	Power Grab	27	1.94	-12.1	Sheen
NC060SG	Surface Sediment Analytical Chemistry – Event 1	05/01/2012	Ekman Grab	17	2.06	-6.7	Sheen
NC061SG	Surface Sediment Analytical Chemistry – Event 1	05/01/2012	Ekman Grab	16	2.07	-20.6	Sheen
NC062SG	Surface Sediment Analytical Chemistry – Event 1	05/01/2012	Ekman Grab	19	2.07	-13.0	Sheen
NC063SG	Surface Sediment Analytical Chemistry – Event 1	05/03/2012	Ekman Grab	18	2.22	-15.4	Sheen
NC064SG	Surface Sediment Analytical Chemistry – Event 1	05/04/2012	Ekman Grab	16	2.22	-21.1	Sheen
NC065SG	Surface Sediment Analytical Chemistry – Event 1	05/03/2012	Ekman Grab	13	2.22	-8.8	Sheen
NC065SG	Post-Hurricane Sandy Surface Sediment	02/28/2013	Power Grab	27	2.23	-8.7	Sheen
NC066SG	Surface Sediment Analytical Chemistry – Event 1	05/03/2012	Ekman Grab	18	2.31	-15.0	Sheen
NC066SG	Post-Hurricane Sandy Surface Sediment	02/28/2013	Power Grab	30	2.31	-13.3	Sheen
NC067SG	Surface Sediment Analytical Chemistry – Event 1	05/03/2012	Ekman Grab	21	2.32	-23.9	Sheen
NC067SG	Post-Hurricane Sandy Surface Sediment	02/28/2013	Power Grab	31	2.32	-24.6	Sheen

**Table C-A-1  
Collection Details for Surface Sediment Grabs Processed Using Phase 1 Methods**

Station ID	Surface Sediment Sampling Program	Collection Date	Sample Method	Field Recovery Length (cm)	Distance from Newtown Creek Mouth (creek miles)	Surface Sediment Grab Elevation (feet NAVD88)	Most Notable Visual Observations
NC068SG	Surface Sediment Analytical Chemistry – Event 1	05/03/2012	Ekman Grab	11	2.32	-21.7	Sheen
NC068SG	Post-Hurricane Sandy Surface Sediment	02/28/2013	Power Grab	25	2.32	-23.1	Sheen
NC069SG	Surface Sediment Analytical Chemistry – Event 1	05/03/2012	Ekman Grab	16	2.43	-17.8	Sheen
NC069SG	Surface Sediment Analytical Chemistry – Event 2	08/20/2012	Ekman Grab	15	2.43	-20.0	Sheen
NC070SG	Surface Sediment Analytical Chemistry – Event 1	05/03/2012	Ekman Grab	13	2.43	-22.7	Sheen
NC071SG	Surface Sediment Analytical Chemistry – Event 1	05/04/2012	Ekman Grab	22	2.44	-14.2	Sheen
NC071SG	Surface Sediment Analytical Chemistry – Event 2	08/21/2012	Ekman Grab	19	2.44	-16.5	Sheen
NC072SG	Surface Sediment Analytical Chemistry – Event 1	05/03/2012	Ekman Grab	20	2.56	-19.4	Sheen
NC073SG	Surface Sediment Analytical Chemistry – Event 1	05/04/2012	Ekman Grab	18	2.56	-19.9	Sheen
NC073SG	Post-Hurricane Sandy Surface Sediment	02/28/2013	Power Grab	32	2.56	-21.2	Sheen
NC074SG	Surface Sediment Analytical Chemistry – Event 1	05/04/2012	Ekman Grab	17	2.56	-6.7	Sheen
NC075SG	Surface Sediment Analytical Chemistry – Event 1	05/04/2012	Ekman Grab	25	2.61	-20.4	Sheen
NC075SG	Surface Sediment Analytical Chemistry – Event 2	08/20/2012	Ekman Grab	18	2.61	-17.2	Sheen
NC076SG	Surface Sediment Analytical Chemistry – Event 1	05/04/2012	Ekman Grab	23	2.62	-18.4	Sheen
NC076SG	Surface Sediment Analytical Chemistry – Event 2	08/20/2012	Ekman Grab	23	2.62	-19.4	Sheen
NC077SG	Surface Sediment Analytical Chemistry – Event 1	05/04/2012	Ekman Grab	12	2.63	-3.5	Sheen
NC077SG	Surface Sediment Analytical Chemistry – Event 2	08/20/2012	Ekman Grab	11	2.63	-3.2	Sheen
NC078SG	Surface Sediment Analytical Chemistry – Event 1	05/04/2012	van Veen Grab	10	2.80	-11.2	Sheen
NC078SG	Post-Hurricane Sandy Surface Sediment	02/28/2013	Power Grab	21	2.80	-10.2	Sheen
NC079SG	Surface Sediment Analytical Chemistry – Event 1	05/04/2012	van Veen Grab	10	2.81	-25.3	Sheen
NC080SG	Surface Sediment Analytical Chemistry – Event 1	05/04/2012	van Veen Grab	15	0.01	-11.6	Sheen
NC085SG	Post-Hurricane Sandy Surface Sediment	02/28/2013	Power Grab	18	2.73	-9.3	Sheen
WC002SG	Surface Sediment Analytical Chemistry – Event 1	05/10/2012	Ekman Grab	12	0.97	-22.3	Sheen

Notes:

Surface sediment grab elevation = elevation of mudline surface in feet NAVD88

Three samples originally collected as part of the Phase 1 surface sediment sampling program (NC003SG, NC012SG, and WC003SG) are not included in the RI, due to being located in areas that have been dredged since the sampling event.

Visual observations = Observations are described as none, sheen, oil-stained, oil-coated, or oil-wetted, as defined in the Phase 1 FSAP, SOP NC-05 – Sediment Grab Sampling (Anchor QEA 2011) and revised Physical Description of Sediment Key (Anchor QEA 2012).

Acronyms:

cm = centimeter

NAVD88 = North American Vertical Datum of 1988

RI = Remedial Investigation

USEPA = U.S. Environmental Protection Agency

References:

Anchor QEA (Anchor QEA, LLC), 2011. *Field Sampling and Analysis Plan*. Newtown Creek Remedial Investigation/Feasibility Study. October 2011.

Anchor QEA, 2012. *Physical Description of Sediment Key*. Revised from *Standard Operating Procedure NC-05, Attachment A, Field Sampling and Analysis Plan*. Newtown Creek Remedial Investigation/Feasibility Study. April 12, 2012.