APPENDIX A: *IN-SITU* WATER QUALITY DATA FIELD LOGS

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WOODS HOLE GROUP

Attachment 2
Water Quality Monitoring *In situ* Data Log Sheet

Dredging Location	Sediment traps/grab samples
Dredging Description	
Survey Vessel	RV George Hampson
Chief Scientist	K. McCartney
Sampling Technician	
Vessel Captain	M. Walsh
Other Personnel	
Weather Conditions	Overcast

Date	7/1/09
Page	1 of 1

Tide Information	
High	0340
Low	0923
High	1617
Low	2305

Station Name	Time	Latitude	Longitude	Water Depth	Sample Depth	Turbidity	DO	Salinity	Temp	Notes
ST-003	10:52	41°39.197'	70°55.126'	720'	1.03	2.6	6.85	28.83	20.71	
ST-003	10:53	↓	↓	"	5.01	3.2	6.49	28.99	20.57	
ST-003	10:54			"	10.12	3.5	6.21	29.56	20.21	
ST-003	10:55			"	15.00	2.4	5.93	30.26	19.88	
ST-003	10:57			"	29.02	4.9	6.01	31.07	19.04	
ST-002	11:54	41°40.373'	70°54.949'	7.3	1.01	6.3	7.81	17.62	22.67	
ST-002	11:56	↓	↓	"	3.00	8.8	5.84	25.49	21.80	
ST-002	11:58			"	6.02	21.8	4.31	28.24	21.34	
ST-001	12:15	41°40.726'	70°55.020'	4.0	0.96	5.0	7.13	1.37	20.91	
ST-001	12:16	"	"	"	3.02	13.2	3.32	27.18	21.37	

WOODS HOLE GROUP

Attachment 2
Water Quality Monitoring *In situ* Data Log Sheet

Dredging Location	samples taken at sites of sediment traps
Dredging Description	activity in L, J and 6
Survey Vessel	R/V George Hampson
Chief Scientist	K. McCartney
Sampling Technician	
Vessel Captain	M. Walsh
Other Personnel	
Weather Conditions	overcast, wind 10-20 mph out of S

Date	8/5/09
Page	1 of 1

Tide Information	
High	0816
Low	0150
High	2036
Low	1339

Station Name	Time	Latitude	Longitude	Water Depth	Sample Depth	Turbidity	DO	Salinity	Temp	Notes
ST-001	09:10	41°40.726	70°55.022	5.6	0.56	3.0	4.87	2.32	23.40	@ NBH-NWS sed trap
"	09:11	"	"	"	2.02	5.8	2.96	15.75	25.34	"
"	09:12	"	"	"	3.03	7.4	1.86	20.90	25.54	"
"	09:13	"	"	"	4.52	7.1	1.61	23.65	25.54	"
ST-002	11:04	41°40.375	70°54.952	8.3	0.76	8.5	10.18	6.24	23.55	@ NBH-SAREAL sed trap
"	11:06	"	"	"	2.59	7.6	2.42	25.20	25.53	"
"	11:06	"	"	"	4.60	5.3	3.32	26.31	25.39	"
"	11:10	"	"	"	7.00	5.4	3.36	26.50	25.25	"
ST-003	12:55	41°39.225	70°55.153'	18.0	0.58	4.4	9.91	25.87	25.89	@ sed traps S of 195
"	12:55	"	"	"	3.01	4.4	9.61	25.95	25.84	"
"	12:57	"	"	"	8.16	1.8	6.73	27.21	25.13	"
"	12:58	"	"	"	12.14	1.6	4.92	27.84	24.79	"
"	12:59	"	"	"	16.95	2.2	2.27	30.05	23.90	"

WOODS HOLE GROUP

New Bedford Harbor
Water Quality Monitoring *In situ* Data Log Sheet

Dredging Location	AREA G
Dredging Description	BOUNDARY @ M/G
Survey Vessel	R/V GEORGES THOMPSON
Chief Scientist	D. WALSH
Sampling Technician	D. WALSH, M. WALSH
Vessel Captain	M. WALSH
Other Personnel	
Weather Conditions	SUNNY, WINDY (NW 15-20 knots)

Date	9/9/2009
Page	1 of

Tide Information	
High	1057
Low	1631
High	
Low	

Station Name	Time	Latitude	Longitude	Water Depth	Sample Depth	Turbidity NTU	DO mg/L	Salinity PPT	Temp °C	Notes
ST-001	1049	N.41°40.723'	70° 55.021'	6.0'	0.52'	8.2	5.75	26.98	22.71	WQ profile, pre-sed grab.
"	1053	"	"	"	2.55'	7.8	4.89	27.60	22.74	"
"	1055	"	"	"	5.02'	11.1	4.47	27.71	22.70	"
ST-002	1157	41° 40.372'	70° 54.954'	8.8'	0.51'	3.6	7.29	24.76	22.43	WQ profile, pre-sed grab
"	1158	"	"	"	4.12	3.1	6.36	27.66	22.09	"
"	1201	"	"	"	6.47	4.6	5.36	28.59	21.99	"
ST-003	1323	41° 39.220'	70° 55.155'	21.2'	1.01'	0.9	6.13	29.35	22.00	WQ profile, pre sed grab
"	1325	"	"	"	10.23	0.9	5.77	29.59	21.97	"
"	1328	"	"	"	18.79	3.1	4.57	30.49	21.70	"

Sedim + Grabs

WOODS HOLE GROUP

Attachment 2
Water Quality Monitoring *In situ* Data Log Sheet

Dredging Location	
Dredging Description	
Survey Vessel	R/V George Hempson
Chief Scientist	D. Bailey
Sampling Technician	—
Vessel Captain	M. Welsh
Other Personnel	—
Weather Conditions	Sunny

Date	10/14/09
Page	1 of

Tide Information	
High	
Low	
High	
Low	

Station Name	Time	Latitude	Longitude	Water Depth	Sample Depth	Turbidity	DO	Salinity	Temp	Notes
ST-001	08:41	41°40.719	70°55.019	4.0	0.33	1.8	8.10	5.68	10.85	
	08:42	" "	" "	"	1.68	8.6	6.25	24.51	13.50	
	08:44	" "	" "	"	3.02	5.9	5.50	25.04	13.52	
ST-002	09:35	41°40.364	70°54.964	4.4	0.66	12.0	8.10	23.34	13.17	
	09:36	" "	" "	"	1.68	7.1	7.26	25.45	13.73	
	09:37	" "	" "	"	3.55	5.7	6.72	26.80	14.28	
ST-003	11:21	41°39.217	70°55.164	17.50	16.75	3.5	7.31	28.27	15.05	
	11:23	" "	" "	"	11.24	1.0	7.36	28.18	14.96	
	11:24	" "	" "	"	5.56	0.9	7.48	27.79	14.58	
	11:25	" "	" "	"	0.86	0.6	7.89	27.22	14.14	

WOODS HOLE GROUP

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Water Quality Monitoring *In situ* Data Log Sheet

Dredging Location	Sediment Grabs + Traps
Dredging Description	
Survey Vessel	R/V George Hempson
Chief Scientist	D. Bailey
Sampling Technician	
Vessel Captain	
Other Personnel	
Weather Conditions	

Date	11/18/09
Page	1 of 1

Tide Information	
High	08:23
Low	01:35
High	20:42
Low	14:27

Station Name	Time	Latitude	Longitude	Water Depth	Sample Depth	Turbidity	DO	Salinity	Temp	Notes
ST-001	09:08	41°40.719	70°55.021	6.7	1.73	2.0	7.43	20.70	10.78	
" "	09:09	" "	" "	"	4.16	3.6	6.93	26.40	11.24	
" "	09:10	" "	" "	"	6.33	4.4	6.89	26.67	11.32	
ST-002	09:59	41°40.365	70°54.955	7.3	1.68	4.4	8.07	26.20	10.97	
	10:00	" "	" "	"	3.30	3.3	7.90	27.22	10.95	
	10:01	" "	" "	"	6.76	1.5	7.89	27.84	10.98	
ST-003	11:05	41°39.218	70°55.161	21.7	18.23	0.0	8.41	28.00	10.86	
	11:06	" "	" "	"	11.79	0.5	8.37	27.82	10.78	
	11:07	" "	" "	"	7.33	0.0	8.35	27.83	10.79	
	11:09	" "	" "	"	1.56	0.2	8.35	27.76	10.79	