

Cast#	Station	Sampler Used	Water Depth (m)	Time	Date	Volume Recovered	Sample Name	Container Type/Quantity	Sediment Characteristic			Conspicuous fauna/comments
									Stratification (cm)	Colour	Sediment Description	
1	MM_NEC_01_SEC	DG	8	14:59	23/05/2023	90	F1	5L Bucket	0-2	2.5Y 4/3	clean coarse sand	Sandeels (8)
									2-5			
									5-10			
2	MM_NEC_01_SEC	DG	8	15:09	23/05/2023	N/S	N/S	-	0-2			Beacon in wrong position, no fix. Repeat needed
									2-5			
									5-10			
3	MM_NEC_01_SEC	DG	8	15:13	23/05/2023	85	PC	3 x Bags 2 x Jars	0-2	2.5Y 4/3	clean coarse sand	No visible fauna. Wrong time on deck slate (in BST)
									2-5			
									5-10			
4	MM_NEC_03_SEC	DG	22	15:33	23/05/2023	80	F1	1L Bucket	0-2	2.5Y 4/4	clean coarse sand, shell debris	Sandeels, polychaetes, amphipods
									2-5		no strat	
									5-10			

5	MM_NEC_03_SEC	DG	22	15:40	23/05/2023	80	PC	3 x Bags 2 x Jars	0-2	2.5Y 4/4	clean coarse sand, shell debris	-
									2-5	2.5Y 4/4	clean coarse sand, shell debris	
									5-10	-	no strat	
6	MM_NEC_05_SEC	DG	45	15:55	23/05/2023	N/S 5	N/S	-	0-2			No sample. Cobbles in jaws
									2-5			
									5-10			
7	MM_NEC_05_SEC	DG	45	16:00	23/05/2023	N/S 0	N/S	-	0-2			No trigger
									2-5			
									5-10			
8	MM_NEC_05_SEC	DG	45	16:04	23/05/2023	N/S 0	N/S	-	0-2			No trigger due to cobbles, will return with HG
									2-5			
									5-10			
9	MM_NEC_09_SEC	DG	63	07:52	24/05/2023	65	F1	5L Bucket	0-2	10YR 4/4	coarse sandy gravel with pebbles and shell debris	Encrusting species. Polychaetes, hydroids, echinoderms
									2-5	10YR 4/4	coarse sand, less gravel	
									5-10			

10	MM_NEC_09_SEC	DG	63	08:01	24/05/2023	N/S 35	N/S	-	0-2			Cobble in jaws. One more attempt
									2-5			
									5-10			
11	MM_NEC_09_SEC	DG	63	08:12	24/05/2023	40	PC	3 x Bags 2 x Jars	0-2	10YR 4/4	coarse sand and shelly gravel	Only at 1cm pH and redox as too coarse
									2-5	10YR 4/4	coarse sand, less gravel	
									5-10	10YR 4/4	coarse sand, less gravel	
12	MM_NEC_07_SEC	DG	50	08:37	24/05/2023	<5	N/S	-	0-2			Cobbles in jaw. Retry then switch to HG
									2-5			
									5-10			
13	MM_NEC_07_SEC	DG	50	08:44	24/05/2023	-	N/S	-	0-2			No trigger due to cobbles, will return with HG
									2-5			
									5-10			
14	MM_NEC_08_SWC_DNA	DG	57	09:04	24/05/2023	<5	N/S	-	0-2			Cobble in jaw. Vessel chart shows gravel with very thin sand veneer, retry once then switch to HG
									2-5			
									5-10			
15	MM_NEC_08_SWC_DNA	DG	57	09:11	24/05/2023	5	N/S	-	0-2			Cobbles. Returning with HG
									2-5			
									5-10			

16	MM_NEC_06_SWC_DNA	DG	50	09:38	24/05/2023	90	F1 eDNA	5L Bucket 1 x Falcon Tube	0-2	2.5Y 4/3	Coarse sand with gravel and pebbles	Only at 1cm pH and redox as too coarse
									2-5	-	no strat	
									5-10	-	no strat	
17	MM_NEC_06_SWC_DNA	DG	50	09:45	24/05/2023	65	PC	3 x Bags 2 x Jars	0-2	2.5Y 4/3	coarse sand with gravel and pebbles	-
									2-5	-	no strat	
									5-10	-	no strat	
18	MM_NEC_06_SWC_DNA	NB	46.2	10:08	24/05/2023	-	-	-	0-2			No trigger
									2-5			
									5-10			
19	MM_NEC_06_SWC_DNA	NB	46	10:21	24/05/2023	5L	eDNA	eDNA filter	0-2			5L filtered for eDNA
									2-5			
									5-10			
20	MM_NEC_07_SEC	HG	51	11:29	24/05/2023	-	-	-	0-2			No sample due to substrate
									2-5			
									5-10			
21	MM_NEC_07_SEC	HG	51	11:39	24/05/2023	10	N/S	-	0-2			Cobbles in jaw. Abandoning station
									2-5			
									5-10			
22	MM_NEC_07_SEC	HG	51	11:47	24/05/2023	<5	N/S	-	0-2			No sample due to substrate
									2-5			
									5-10			

23	MM_NEC_08_SWC_DNA	HG	57	12:04	24/05/2023	50	PC	3 x Bags 2 x Jars	0-2	2.5Y 5/4	slightly silty coarse sandy gravel	Only at 1cm pH and redox as too coarse
									2-5	2.5Y 5/4	finer below	
									5-10			
24	MM_NEC_08_SWC_DNA	HG	57	12:18	24/05/2023	65	F1 eDNA	5L Bucket 1 x Falcon Tube	0-2	2.5Y 5/4	slightly silty coarse sandy gravel with shell debris	Echinoderms, poss. encrusting sabellaria, shell debris
									2-5	-	no strat	
									5-10	-	no strat	
25	MM_NEC_08_SWC_DNA	NB	55	12:32	24/05/2023	5L	eDNA	filter	0-2			5L filtered for eDNA
									2-5			
									5-10			
26	MM_NEC_05_SEC	HG	44	13:16	24/05/2023	N/S	N/S	-	0-2			No sample
									2-5			
									5-10			
27	MM_NEC_05_SEC	HG	44	13:23	24/05/2023	60	PC	3 x Bags 2 x Jars	0-2	2.5Y 3/3	slightly silty sandy gravel	Only at 1cm pH and redox as too coarse
									2-5	2.5Y 3/3	shell debris, sab rubble	
									5-10	-	no strat	
28	MM_NEC_05_SEC	HG	44	13:34	24/05/2023	N/S	N/S	-	0-2			No sample
									2-5			
									5-10			

29	MM_NEC_05_SEC	HG	44	13:41	24/05/2023	N/S	N/S	-	0-2			No sample. No fauna obtained at this station. Abandon
									2-5			
									5-10			
30	MM_NEC_04_SWC_DNA	HG	40	13:56	24/05/2023	30	F1 (small)	5L Bucket 1 x Falcon Tube	0-2	2.5Y 3/2	slightly silty coarse sandy gravel with cobbles	Cobble in jaw, lots. eDNA taken - sample retained as best sample. Anoxic smell
									2-5	-	no strat	
									5-10	-	no strat	
31	MM_NEC_04_SWC_DNA	HG	40	14:12	24/05/2023	N/S	N./S	-	0-2			No sample
									2-5			
									5-10			
32	MM_NEC_04_SWC_DNA	NB	35	14:33	24/05/2023	5L	eDNA	-	0-2			5L filtered for eDNA
									2-5			
									5-10			
33	MM_NEC_02_SWC_DNA	DG	12	15:11	24/05/2023	80	F1 eDNA	3L Bucket 1 x Falcon Tube	0-2	2.5Y 4/4	clean medium to coarse sand	Sand eels
									2-5	-	no strat	
									5-10	-	no strat	

34	MM_NEC_02_SWC_DNA	DG	12	15:17	24/05/2023	70	PC	3 x Bags 2 x Jars	0-2	2.5Y 4/4	clean medium to coarse sand	-
									2-5	-	no strat	
									5-10	-	no strat	
35	MM_NEC_02_SWC_DNA	NB	10.3	15:29	24/05/2023	5L	eDNA	eDNA filter	0-2			5L filtered for eDNA
									2-5			
									5-10			
36	MM_NEC_01_WAT	CTD	10	16:12	24/05/2023	-	CTD	-	0-2			-
									2-5			
									5-10			
37	MM_NEC_01_WAT	NB (BOT)	10	16:20	24/05/2023	5L	BOT	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
38	MM_NEC_01_WAT	NB (MID)	5	16:32	24/05/2023	5L	MID	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
39	MM_NEC_01_WAT	NB (SUR)	surface	16:44	24/05/2023	5L	SUR	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
40	MM_NEC_WAT_11	CTD	50	07:37	25/05/2023	-	CTD	-	0-2			-
									2-5			
									5-10			
41	MM_NEC_WAT_11	NB (BOT)	50	07:48	25/05/2023	5L	BOT	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
42	MM_NEC_WAT_11	NB (MID)	26	08:00	25/05/2023	5L	MID	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			

43	MM_NEC_WAT_11	NB (SUR)	surface	08:11	25/05/2023	5L	SUR	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
44	MM_NEC_WAT_10	CTD	49	08:26	25/05/2023	-	CTD	-	0-2			-
									2-5			
									5-10			
45	MM_NEC_WAT_10	NB (BOT)	49	08:35	25/05/2023	5L	BOT	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
46	MM_NEC_WAT_10	NB (MID)	25	08:44	25/05/2023	5L	MID	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
47	MM_NEC_WAT_10	NB (SUR)	surface	08:56	25/05/2023	5L	SUR	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
48	MM_NEC_WAT_09	CTD	51	09:15	25/05/2023	-	CTD	-	0-2			-
									2-5			
									5-10			
49	MM_NEC_WAT_09	NB (BOT)	45	09:30	25/05/2023	5L	BOT	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
50	MM_NEC_WAT_09	NB (MID)	26	09:44	25/05/2023	5L	MID	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
51	MM_NEC_WAT_09	NB (SUR)	surface	09:53	25/05/2023	5L	SUR	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
52	MM_NEC_WAT_08	CTD	48	10:16	25/05/2023	-	CTD	-	0-2			-
									2-5			
									5-10			

53	MM_NEC_WAT_08	NB (BOT)	48	10:27	25/05/2023	5L	BOT	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
54	MM_NEC_WAT_08	NB (MID)	24	10:37	25/05/2023	5L	MID	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
55	MM_NEC_WAT_08	NB (SUR)	surface	10:53	25/05/2023	5L	SUR	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
56	MM_NEC_WAT_07	CTD	44	11:05	25/05/2023	-	CTD	-	0-2			-
									2-5			
									5-10			
57	MM_NEC_WAT_07	NB (BOT)	44	11:16	25/05/2023	5L	BOT	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
58	MM_NEC_WAT_07	NB (MID)	22	11:26	25/05/2023	5L	MID	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
59	MM_NEC_WAT_07	NB (SUR)	surface	11:34	25/05/2023	5L	SUR	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
60	MM_NEC_WAT_06	CTD	40	11:50	25/05/2023	-	CTD	-	0-2			-
									2-5			
									5-10			
61	MM_NEC_WAT_06	NB (BOT)	37	12:02	25/05/2023	5L	BOT	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
62	MM_NEC_WAT_06	NB (MID)	20	12:12	25/05/2023	5L	MID	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			

63	MM_NEC_WAT_06	NB (SUR)	surface	12:20	25/05/2023	5L	SUR	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
64	MM_NEC_WAT_05	CTD	35	12:33	25/05/2023	-	CTD	-	0-2			-
									2-5			
									5-10			
65	MM_NEC_WAT_05	NB (BOT)	33	12:46	25/05/2023	5L	BOT	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
66	MM_NEC_WAT_05	NB (MID)	17	12:55	25/05/2023	5L	MID	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
67	MM_NEC_WAT_05	NB (SUR)	surface	13:05	25/05/2023	5L	SUR	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
68	MM_NEC_WAT_04	CTD	27	13:16	25/05/2023	-	CTD	-	0-2			-
									2-5			
									5-10			
69	MM_NEC_WAT_04	NB (BOT)	27	13:33	25/05/2023	5L	BOT	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
70	MM_NEC_WAT_04	NB (MID)	14	13:41	25/05/2023	5L	MID	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
71	MM_NEC_WAT_04	NB (SUR)	surface	13:51	25/05/2023	5L	SUR	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
72	MM_NEC_WAT_03	CTD	19	14:01	25/05/2023	-	CTD	-	0-2			-
									2-5			
									5-10			

73	MM_NEC_WAT_03	NB (BOT)	19	14:08	25/05/2023	5L	BOT	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
74	MM_NEC_WAT_03	NB (MID)	9	14:20	25/05/2023	5L	MID	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
75	MM_NEC_WAT_03	NB (SUR)	surface	14:31	25/05/2023	5L	SUR	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
76	MM_NEC_WAT_02	CTD	15	14:54	25/05/2023	-	CTD	-	0-2			-
									2-5			
									5-10			
77	MM_NEC_WAT_02	NB (BOT)	15	15:09	25/05/2023	5L	BOT	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
78	MM_NEC_WAT_02	NB (MID)	7	15:17	25/05/2023	5L	MID	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			
79	MM_NEC_WAT_02	NB (SUR)	surface	15:29	25/05/2023	5L	SUR	2 Glass bottles 2 plastic bottles chl-a filter	0-2			1L filtered for chl-a
									2-5			
									5-10			