

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	ECC_10_SEC_DNA	Niskin	74	09:00	21/07/2023	5L	Water eDNA	1x eDNA filter	0-2			
									2-5			
									5-10			
2	ECC_10_SEC	DVV	74	09:12	21/07/2023	40% 50%	PC F1	3 x Medium bags, 3x Jars 1 x 5L Bucket	0-2	2.5Y 5/3	Coarse Shelly Sand	
									2-5			
									5-10			
3	ECC_11_SEC	DVV	69	-	21/07/2023	0%	NS	-	0-2			Beacon failure, no fix
									2-5			
									5-10			
4	ECC_11_SEC	DVV	69	11:49	21/07/2023	0% 20%	NS	-	0-2			Rock stuck in jaws
									2-5			
									5-10			
5	ECC_11_SEC	DVV	69	12:11	21/07/2023	15% 20%	NS	-	0-2			Washed out samples
									2-5			
									5-10			
6	ECC_11_SEC	DVV	69	12:23	21/07/2023	20% 20%	N/S	-	0-2			Washed out samples
									2-5			
									5-10			
7	ECC_11_A_SEC	DVV	69	12:46	21/07/2023	20% 10%	N/S	-	0-2			Cobble/ shell in jaws, coarse sediment
									2-5			
									5-10			
8	ECC_11_A_SEC	HG	69	13:30	21/07/2023	60%	PC + sediment eDNA	3 x Medium bags, 3x jars	0-2	2.5Y 4/3	Very Coarse	Coarse shelly sediment
									2-5			
									5-10			
9	ECC_11_A_SEC	HG	69	13:59	21/07/2023	80%	F1	2 x 5L buckets, 1 x bucket	0-2	2.5Y 4/3	Very Coarse	Large white polychaete, wrong method on pic
									2-5			
									5-10			
10	ECC_12_SEC_DNA	Niskin	77	16:52	21/07/2023	5L		1 x eDNA filter	0-2			

							Water eDNA		2-5			
									5-10			
11	ECC_12_SEC_DNA	DVV	77	18:12	21/07/2023	0 % 20%	NS	-	0-2			Cobble in jaws
									2-5			
									5-10			
12	ECC_12_SEC_DNA	DVV	77	18:27	21/07/2023	50% 40%	PC / NS	3 x Medium bags, 3 x jars,	0-2	10Y 4/3	Coarse Sand	10 Y 4/3, spilled fauna sample - need to redo
									2-5			
									5-10			
13	ECC_13_SEC	DVV	82	19:20	21/07/2023	80% 70%	PC F1	3 x Medium bags, 3 x jars 1 x 5L bucket	0-2	10Y 4/3	Coarse Sand	Shell debris
									2-5			
									5-10			
14	ECC_12_SEC_DNA	DVV	77	20:34	21/07/2023	80%	F1	2 x 5L buckets, 1 x 1L bucket, 1 x falcon tube	0-2	10Y 4/3	Coarse Sand	Sandeel, polychaete, potential fishing line
									2-5			
									5-10			
15	ECC_14_SEC_DNA	Niskin	82	22:02	21/07/2023	5L	Water eDNA	1 x eDNA filter	0-2			
									2-5			
									5-10			
16	ECC_14_SEC_DNA	DVV	82	22:28	21/07/2023	-	NS	NS	0-2			Positioning error
									2-5			
									5-10			
17	ECC_14_SEC_DNA	DVV	82	22:51	21/07/2023	40% 40%	PC + sediment eDNA F1	3 x medium bags, 3 x jars 1 x 3L Bucket, 1 x falcon tube	0-2	2.5Y 5/3	Coarse sand with minor pea gravel	Crab, starfish
									2-5			
									5-10			
18	ECC_15_SEC	DVV	80	00:01	22/07/2023	40% 60%	PC F1	3 x medium bags, 3 x jars 1 x 5L bucket	0-2	2.5Y 5/3	Coarse sand with minor pea gravel	Crab, starfish

									2-5			
									5-10			
19	ECC_16_SEC_DNA	Niskin	78	00:56	22/07/2023	5L	Water eDNA	1 x eDNA filter	0-2			
									2-5			
									5-10			
20	ECC_16_SEC_DNA	DVV	78	01:11	22/07/2023	70% 20%	F1 + sediment eDNA NS	1 x 3L bucket	0-2			
									2-5			
									5-10			
21	ECC_16_SEC_DNA	DVV	78	01:25	22/07/2023	70% 60%	PC + sediment eDNA Discarded	3 x medium bags, 3 x jars	0-2	10Y 4/4	Fine sand with minor shell/gravel	No conspicuous fauna
									2-5			
									5-10			
22	ECC_17_SEC	DVV	83	02:07	22/07/2023	70% 60%	F1 PC	1 x 5L buckets 3 x medium bags, 3 x jars	0-2	10Y 4/4	Fine sand with minor shell debris	
									2-5			

									5-10			
23	ECC_18_SEC_DNA	Niskin	88	02:42	22/07/2023	5L	Water eDNA	1 x eDNA filter	0-2			
									2-5			
									5-10			
24	ECC_18_SEC_DNA	DVV	88	02:57	22/07/2023	50% 30%	F1 + Sediment eDNA NS	1 x 3L bucket NS	0-2			Crab, squat lobster, polychaete. Sample washed out, cobble in jaws
									2-5			
									5-10			
25	ECC_18_SEC_DNA	DVV	88	03:07	22/07/2023	5% 5%	NS NS	NS	0-2			Both samples washed out
									2-5			
									5-10			
26	ECC_18_SEC_DNA	DVV	88	03:20	22/07/2023	50% 10%	PC + sediment eDNA NS	3 x medium bags, 3 x jars NS	0-2	2.5Y 4/3	Fine sand with shell debris an sabellaria concretions (small+ relic)	Sabellaria concretions
									2-5			
									5-10			
27	ECC_19_SEC	DVV	94	04:03	22/07/2023	90% 80%	F1 PC	1 x 3L bucket 3 x medium bags, 3 x jars	0-2	2.5Y 4/3	Fine sand with shell debris	Brittle Star
									2-5			

									5-10			
28	ECC_20_SEC_DNA	Niskin	96	04:31	22/07/2023	5L	Water eDNA	1 x eDNA filter	0-2			
									2-5			
									5-10			
29	ECC_20_SEC_DNA	DVV	96	04:46	22/07/2023	60% 40%	F1 PC + sediment eDNA	1 x 3L buckets 3 x medium bags, 3 x jars	0-2	2.5Y 4/3	Fine sand with shell debris	
									2-5			
									5-10			
30	ECC_21_SEC	DVV	99	05:15	22/07/2023	80% 50%	F1 PC	1 x 1L bucket 3 x medium bags, 3 x jars	0-2	2.5Y 4/3	Fine sand	Crab
									2-5			
									5-10			
31	ECC_22_SEC_DNA	Niskin	112	06:05	22/07/2023	5L	Water eDNA	1 x eDNA filter	0-2			
									2-5			
									5-10			
32	ECC_22_SEC_DNA	DVV	112	06:20	22/07/2023	70% 60%	F1 PC + sediment eDNA	1 x 1L bucket 3 x medium bags, 3 x jars, 1 x falcon tube	0-2	2.5Y 4/3	Fine sand	Polychaetes, brittlestar
									2-5			
									5-10			
33	ECC_23_SEC	DVV	117	07:08	22/07/2023	60% 50%	F1 PC	1 x 1L bucket 3 x medium bags, 3 x jars	0-2	2.5Y 4/3	Fine Sand	Polychaetes
									2-5			
									5-10			
90	ECC_24_SEC_DNA	Niskin	119	18:37	31/07/2023	5L	Water eDNA	1 x eDNA filter	0-2			
									2-5			
									5-10			
91	ECC_24_SEC_DNA	DVV	119	18:56	31/07/2023	90% 100%	F1 PC + sediment eDNA	1 x 3L bucket 3 x medium bags, 3 x jars, 1 x falcon tube	0-2	5YR 4/2	Fine soft sand	Scallop shells, polychaetes, brittle stars, shell debris
									2-5			

									5-10			
92	ECC_25_SEC	DVV	113	20:10	31/07/2023	40% 60%	F1 PC	1 x 1L bucket 3 x medium bags, 3 x jars	0-2	2.5YR 3/3	Fine soft silty sand (silty)	Brittle stars, polychaetes, tusk shell, hydroid
									2-5			
									5-10			
93	ECC_26_SEC_DNA	Niskin	98	21:27	31/07/2023	5L	Water eDNA	1 x eDNA filter	0-2			
									2-5			
									5-10			
94	ECC_26_SEC_DNA	DVV	98	21:40	31/07/2023	70% 90%	F1 PC + sediment eDNA	1 x 3L bucket 3 x medium bags, 3 x jars, 1 x falcon tube	0-2	5YR 4/4	Silty fine sand	Coarse shell fragments, polychaetes
									2-5			
									5-10			
95	ECC_27_SEC	DVV	79	23:29	31/07/2023	60% 50%	F1 PC	1 x 5L bucket 3 x medium bags, 3 x jars	0-2	5YR 4/4	Coarse sand	
									2-5			
									5-10			
96	ECC_28_SEC_DNA	Niskin	83	02:43	01/08/2023	5L	Water eDNA	1 x eDNA filter	0-2			
									2-5			
									5-10			
97	ECC_28_SEC_DNA	DVV	83	03:07	01/08/2023	80% 60%	F1 PC + sediment eDNA	1 x 5L bucket 3 x medium bags, 3 x jars, 1 x falcon tube	0-2	2.5YR 4/3	Coarse sand	Polychaetes, bivalves, amphipods
									2-5			
									5-10			
98	ECC_29_SEC	DVV	86	03:59	01/08/2023	0% 20%	NS	-	0-2			Shell caused washout
									2-5			

									5-10			
99	ECC_29_SEC	DVV	86	04:08	01/08/2023	0% 20%	NS	-	0-2			Shell caused washout
								2-5				
								5-10				
100	ECC_29_SEC	DVV	86	04:16	01/08/2023	50% 60%	F1 PC	1 x 3L bucket 3 x medium bags, 3 x jars	0-2	2.5YR 4/3	Coarse sand	Bryozoan, hydroids
								2-5				
								5-10				
101	ECC_30_SEC_DNA	Niskin	86	05:01	01/08/2023	5L	Water eDNA	1 x eDNA filter	0-2			
								2-5				
								5-10				
102	ECC_30_SEC_DNA	DVV	86	05:11	01/08/2023	50% 80%	F1 PC + sediment eDNA	1 x 1L bucket 3 x medium bags, 3 x jars, 1 x falcon tube	0-2	2.5YR 4/3	Sand with slight shell fragments (slightly gravelly sand)	Hydroids, sponges, quill worms
								2-5				
								5-10				
103	ECC_31_SEC	DVV	87	05:57	01/08/2023	70% 70%	F1 PC	1 x 1L bucket 3 x medium bags, 3 x jars	0-2	2.5YR 4/3	Sand with slight shell fragments (slightly gravelly sand)	Polychaetes

									2-5			
									5-10			
104	ECC_32_SEC_DNA	Niskin	83	06:48	01/08/2023	5L	Water eDNA	1 x eDNA filter	0-2			
									2-5			
									5-10			
105	ECC_32_SEC_DNA	DVV	83	07:00	01/08/2023	60% 70%	F1 PC + sediment eDNA	1 x 3L bucket 3 x medium bags, 3 x jars, 1 x falcon tube	0-2	2.5YR 4/3	Sand with slight shell fragments (slightly gravelly sand)	Hermit crab, polychaetes
									2-5			
									5-10			
106	ECC_33_SEC	DVV	80	07:51	01/08/2023	60% 70%	F1 PC	1 x 1L bucket 3 x medium bags, 3 x jars	0-2	2.5YR 4/3	Sand with slight shell fragments (slightly gravelly sand)	

									2-5			
									5-10			
107	ECC_34_SEC_DNA	Niskin	81	08:33	01/08/2023	5L	Water eDNA	1 x eDNA filter	0-2			
									2-5			
									5-10			
108	ECC_34_SEC_DNA	DVV	81	08:42	01/08/2023	10% 0%	NS	-	0-2		Sand with slight shell fragments (slightly gravelly sand)	Shell in jaws = washout
									2-5			
									5-10			
109	ECC_34_SEC_DNA	DVV	81	08:53	01/08/2023	50% 50%	F1 PC + sediment eDNA	1 x 1L bucket 3 x medium bags, 3 x jars, 1 x falcon tube	0-2	2.5YR 4/3	Sand with slight shell fragments (slightly gravelly sand)	

									2-5			
									5-10			
110	ECC_35_SEC	DVV	86	09:58	01/08/2023	0% 0%	NS	-	0-2			No residual sediment therefore no deck photos taken
									2-5			
									5-10			
111	ECC_35_SEC	DVV	86	10:06	01/08/2023	10% 10%	NS	-	0-2			Shells present
									2-5			
									5-10			
112	ECC_35_SEC	DVV	86	10:15	01/08/2023	0% 30%	NS	-	0-2			Poor retention, moving 25m to new site - end of corresponding transect
									2-5			
									5-10			
113	ECC_35_SEC	DVV	86	10:47	01/08/2023	80% 80%	F1 PC	1 x 1L Bucket	0-2		Slightly gravelly sand	
									2-5			
									5-10			
114	ECC_36_SEC_DNA	Niskin	86	11:27	01/08/2023	5L	Water eDNA	1 x eDNA filter	0-2			
									2-5			
									5-10			

115	ECC_36_SEC_DNA	DVV	86	11:39	01/08/2023	50% NS	PC	3 x medium bags, 3 x jars	0-2	2.5YR 3/3	Fine sand with small shell fragments	
									2-5			
									5-10			
116	ECC_36_SEC_DNA	DVV	86	12:37	01/08/2023	80%	F1 + sediment eDNA	1 x 1L bucket, 1 x falcon tube	0-2	2.5YR 3/3	Fine sand with small shell fragments	Brittle stars, polychaetes, flustra
									2-5			
									5-10			
117	ECC_37_SEC	DVV	86	13:47	01/08/2023	40% 50%	F1 PC	1 x 1L bucket 3 x medium bags, 3 x jars	0-2	2.5YR 3/3	Fine sand with small shell fragments	Polychaetes, hydroids, small shell debris

									2-5			
									5-10			
118	ECC_38_SEC_DNA	Niskin	86	15:20	01/08/2023	5L	Water eDNA	1 x eDNA filter	0-2			
									2-5			
									5-10			
119	ECC_38_SEC_DNA	DVV	86	15:42	01/08/2023	25% 40%	NS, PC	3 x medium bags, 3 x jars	0-2	2.5YR 3/2	Fine sand with cobbles, shells and pebbles	PC retaken later
									2-5	2.5YR 2.5/1	Black fine sand	
									5-10			
120	ECC_38_SEC_DNA	DVV	86	16:16	01/08/2023	0% 0%	NS	-	0-2			Pebbles and fauna (Flustra) stuck in jaws
									2-5			
									5-10			
121	ECC_38_SEC_DNA	DVV	86	16:23	01/08/2023	0% 0%	NS	-	0-2			Pebbles and fauna (Flustra) stuck in jaws
									2-5			
									5-10			
122	ECC_38_SEC_DNA_A	DVV	86	16:58	01/08/2023	40% 50%	F1 PC (A) + sediment eDNA	1 x 1L bucket 3 x medium bags, 3 x jars, 1 x falcon tube	0-2	2.5YR 3/3	Fine sand	PC retaken as vessel marked position. Polychaetes, tusk shells and worms
									2-5			
									5-10			

123	ECC_39_SEC	DVV	88	19:06	01/08/2023	40% 60%	F1 PC	1 x 1L Bucket	0-2	2.5YR 3/3	Polychaetes, brittlestar, worms
									2-5		
									5-10		