

MARINE FAUNA SIGHTINGS:
22-Feb-24 to 13-Jan-25

Project Total Sightings	Cetaceans	Turtles	Dugongs	Sea snake	Sawfish	Manta	Dolphin	Whale
97	11	82	1	0	0	0	2	1



Activity	Sighting no.	Date	Detected by (MFO / vessel crew etc)	Location of observer	Zone Observation 2 km Exclusion 1 km	Time at start of encounter	Distance animal from source (m) (closest approach)	Common name	Species	No. of animals	Animal behaviour	During Activity	Mitigation action taken	Pile No.	Range to animals from observer initially (m)	Bearing to animal(s) initially (true)	Water depth (m)	Time at end of encounter
Piling	T36	29-Feb-24	AB	Jetty Head	NA	8:28	540	Turtle	Green turtle	1	Stranded	Transit	No mitigation	N/A	15	270	0.93m	8:29
Piling	T37	29-Feb-24	AB	Jetty Head	NA	8:29	122	Turtle	Green turtle	1	Feeding	Transit	No mitigation	N/A	10	93	0.93m	8:30
Piling	T38	29-Feb-24	AB	Jetty Head	NA	11:42	837	Turtle	Green turtle	4	Surfacing	Transit	No mitigation	N/A	15	78	3.45m	11:44
Piling	T39	04-Mar-24	AB	Jetty Head	Exclusion Zone	6:21	444	Turtle	Loggerhead turtle	1	Distressed	Transit / Pre-Watch	Soft start delay	J36 P2	200	264	2.38m	9:03
Piling	C2	04-Mar-24	AB	Jetty Head	Exclusion Zone	6:49	30	Cetacean	Australian humpback dolphin	1	Normal swimming	Pre-Watch	Work not to commence until all clear	J36 P2	300	176	2.18m	7:00
Piling	T40	04-Mar-24	AB	Jetty Head	NA	10:57	702	Turtle	Green turtle	1	Feeding	Transit	No mitigation	N/A	25	262	2.52m	10:58
Piling	T41	08-Mar-24	AB, ED	Jetty Head	NA	13:26	837	Turtle	Green turtle	1	Feeding	Transit	No mitigation	N/A	25	49	2.54m	13:27
Piling	T42	08-Mar-24	AB, ED	Jetty Head	NA	13:29	810	Turtle	Green turtle	1	Surfacing	Transit	No mitigation	N/A	100	33	2.54m	13:30
Piling	T43	08-Mar-24	AB, ED	Jetty Head	NA	13:31	783	Turtle	Green turtle	1	Surfacing	Transit	No mitigation	N/A	30	271	2.54m	13:32
Piling	T44	08-Mar-24	AB, ED	Jetty Head	NA	13:36	702	Turtle	Green turtle	1	Surfacing	Transit	No mitigation	N/A	120	66	2.49m	13:37
Piling	C3	08-Mar-24	AB, ED	Jetty Head	Exclusion Zone	14:34	206	Cetacean	Australian humpback dolphin	3	Normal swimming	Pre-Watch	Work not to commence until all clear	J37 P2	200	255	2.25m	14:38
Piling	T45	09-Mar-24	AB, ED	Jetty Head	NA	8:42	864	Turtle	Green turtle	1	Feeding	Transit	No mitigation	N/A	10	108	2.88m	8:43
Piling	T46	21-Mar-24	BE	Jetty Head	Exclusion Zone	15:17	30	Turtle	Green turtle	1	Surfacing	Pre-Watch	Work not to commence until all clear	N/A	50	256	2.37m	15:36
Piling	T47	22-Mar-24	BE	Jetty Head	NA	8:15	920	Turtle	Green turtle	1	Surfacing	Transit	No mitigation	N/A	15	93	2.75m	8:16
Piling	T48	30-Mar-24	ED	Jetty Head	NA	8:12	622	Turtle	Green turtle	1	Normal swimming	Transit	No mitigation	N/A	30	90	1.14m	8:12
Piling	T49	30-Mar-24	ED	Jetty Head	NA	8:14	567	Turtle	Green turtle	1	Normal swimming	Transit	No mitigation	N/A	20	55	1.14m	8:14
Piling	C4	30-Mar-24	ED	Jetty Head	Exclusion Zone	8:22	365	Cetacean	Australian humpback dolphin	2	Surfacing	Pre-Watch	Work not to commence until all clear	N/A	390	15	1.2m	8:22
Piling	T50	30-Mar-24	ED	Transit	NA	15:21	1026	Turtle	Green turtle	1	Normal swimming	Transit	No mitigation	N/A	70	35	3.66m	15:22
Piling	T51	31-Mar-24	ED	Transit	NA	6:24	756	Turtle	Green turtle	5	Surfacing	Transit	No mitigation	N/A	40	50	1.67m	6:25
Piling	T52	31-Mar-24	ED	Transit	NA	8:00	729	Turtle	Green turtle	1	Normal swimming	Transit	No mitigation	N/A	30	80	1.27m	8:07
Piling	T53	31-Mar-24	ED	Transit	NA	8:01	722	Turtle	Green turtle	1	Normal swimming	Transit	No mitigation	N/A	35	75	1.27m	8:07
Piling	T54	03-Apr-24	ED	Transit	NA	9:05	864	Turtle	Green turtle	1	Normal swimming	Transit	No mitigation	N/A	15	70	2.08m	9:06
Piling	T55	03-Apr-24	ED	Transit	NA	9:09	810	Turtle	Green turtle	1	Normal swimming	Transit	No mitigation	N/A	40	270	2.08m	9:10
Piling	T56	03-Apr-24	ED	Transit	NA	12:50	1026	Turtle	Green turtle	4	Normal swimming	Transit	No mitigation	N/A	25	285	2.91m	12:55
Piling	T57	18-Apr-24	ED, MM	Transit	NA	6:24	1107	Turtle	Green turtle	1	Normal swimming	Transit	No mitigation	N/A	10	80	2.5m	6:25
Piling	T58	18-Apr-24	ED, MM	Transit	NA	11:39	1080	Turtle	Green turtle	1	Normal swimming	Transit	No mitigation	N/A	15	110	2.3m	11:40
Piling	T59	18-Apr-24	ED, MM	Transit	NA	11:41	1107	Turtle	Green turtle	1	Normal swimming	Transit	No mitigation	N/A	25	285	2.3m	11:42
Piling	T60	22-Apr-24	ED	Transit	NA	15:17	935	Turtle	Green turtle	1	Normal swimming	Transit	No mitigation	N/A	35	100	1.5m	15:20
Piling	T61	22-Apr-24	ED	Transit	NA	15:22	947	Turtle	Green turtle	1	Normal swimming	Transit	No mitigation	N/A	50	250	1.5m	15:24
Piling	T62	25-Apr-24	ED	Transit	NA	13:24	1215	Turtle	Green turtle	1	Normal swimming	Transit	No mitigation	N/A	15	270	3.86m	13:25
Piling	T63	25-Apr-24	ED	Transit	NA	17:28	810	Turtle	Green turtle	2	Normal swimming	Transit	No mitigation	N/A	20	80	0.76m	17:30
Piling	T64	01-May-24	MM	Transit	NA	10:51	1134	Turtle	Green turtle	1	Normal swimming	Transit	No mitigation	N/A	18	61	2.37m	10:53
Piling	T65	07-May-24	MM	Transit	NA	12:08	1296	Turtle	Green turtle	1	Normal swimming	Transit	No mitigation	N/A	33	66	3.70m	12:10
Piling	T66	10-May-24	ED, MM	Transit	NA	6:24	903	Turtle	Green turtle	2	Normal swimming	Transit	No mitigation	N/A	10	300	0.95m	6:24
Piling	T67	10-May-24	ED, MM	Transit	NA	13:58	1300	Turtle	Green turtle	1	Normal swimming	Transit	No mitigation	N/A	70	40	3.71	13:58
Piling	T68	10-May-24	ED, MM	Transit	NA	16:20	1080	Turtle	Green turtle	3	Normal swimming	Transit	No mitigation	N/A	25	40	1.54m	16:22
Piling	T69	12-May-24	ED, MM	Transit	NA	6:24	1024	Turtle	Green turtle	1	Normal swimming	Transit	No mitigation	N/A	20	230	1.35m	6:25
Piling	T70	16-May-24	ED	Transit	NA	11:24	1232	Turtle	Green turtle	1	Normal swimming	Transit	No mitigation	N/A	40	300	2.27m	11:24
Piling	T71	16-May-24	ED	Transit	NA	15:35	1338	Turtle	Green turtle	1	Normal swimming	Transit	No mitigation	N/A	5	280	3.01m	15:35
Piling	T72	18-May-24	ED	Jetty Head	Exclusion Zone	11:38	310	Turtle	Loggerhead turtle	1	Surfacing	Pre-Watch / Soft-start	Soft start delay / Shutdown	J56 P1	70	310	2.18-2.13m	13:04

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Activity	Sighting no.	Date	Detected by (MFO / vessel crew etc)	Location of observer	Zone Observation 2 km Exclusion 1 km	Time at start of encounter	Distance animal from source (m) (closest approach)	Common name	Species	No. of animals	Animal behaviour	During Activity	Mitigation action taken	Pile No.	Range to animals from observer initially (m)	Bearing to animal(s) initially (true)	Water depth (m)	Time at end of encounter
Piling	T73	18-May-24	ED	Transit	NA	14:07	1270	Turtle	Green turtle	1	Normal swimming	Transit	No mitigation	N/A	20	280	2.05m	14:07
Piling	C5	25-May-24	EE	Jetty Head	Exclusion Zone	8:05	945	Cetacean	Australian humpback dolphin	2	Normal swimming	Soft start	Shutdown	J59 P2	974	29	2.22m	8:22
Piling	C6	25-May-24	EE	Jetty Head	Observation Zone	8:56	1250	Cetacean	Australian humpback dolphin	1	Normal swimming	Normal piling	No mitigation	J59 P2	1270	350	2.86m	9:06
Piling	T74	25-May-24	EE	Jetty Head	Exclusion Zone	9:08	161	Turtle	Green turtle	1	Surfacing	Normal piling	Shutdown	J59 P2	181	332	2.99m	10:41
Piling	C7	25-May-24	EE	Jetty Head	Beyond Exclusion Zone	15:25	3177	Cetacean	Humpback whale	3	Slow travel, surface activity	Normal piling	No mitigation (activity had ceased 15:20)	J59 P1 and P2	3200	335	2.15m	16:15
Piling	T75	27-May-24	EE	Jetty Head	Exclusion Zone	10:04	44	Turtle	Hawksbill turtle	1	Surfacing	Normal piling	Shutdown	J60 P1	70	37	2.82m	10:37
Piling	T76	27-May-24	EE	Jetty Head	Exclusion Zone	14:28	39	Turtle	Loggerhead turtle	1	Surfacing	Pre-watch	Work not to commence until all clear	J60 P1	60	50	3.73m	14:28
Piling	C8	30-May-24	EE	Jetty Head	NA	7:29	3471	Cetacean	Humpback whale	1	Slow travel, surface activity	Pre-watch	No mitigation	J61 P2	3500	18	2.05m	7:29
Piling	T77	06-Jun-24	AB	Jetty Head	Exclusion Zone	12:43	53	Turtle	Loggerhead turtle	1	Surfacing	Soft start	Shutdown	J64 P2	50	290	2.46m	12:56
Piling	T78	09-Jun-24	ED	Transit	NA	9:43	1622	Turtle	Green turtle	1	Surfacing	Transit	No mitigation	N/A	30	110	2.8m	9:44
Piling	T79	11-Jun-24	ED	Jetty Head	Exclusion Zone	9:34	84	Turtle	Green turtle	1	Slow travel	Normal piling	Shutdown	J66 P1	90	60	1.92m	9:38
Piling	C9	17-Jun-24	ED	Jetty Head	Exclusion Zone	7:05	377	Cetacean	Australian humpback dolphin	2	Slow travel	Pre-watch	Soft start delay	J69 P2	377	80	3.24m	7:19
Piling	C10	17-Jun-24	ED	Jetty Head	Exclusion Zone	7:29	60	Cetacean	Indo-pacific bottlenose dolphin	2	Slow travel	Pre-watch	Soft start delay	J69 P2	393	100	3.23m	8:02
Piling	T80	17-Jun-24	ED	Jetty Head	Exclusion Zone	7:59	80	Turtle	Unidentified	1	Surfacing	Pre-watch	Soft start delay	J69 P2	70	275	3.18	7:59
Piling	T81	17-Jun-24	ED	Transit	NA	11:15	1539	Turtle	Green turtle	1	Slow travel	Transit	No mitigation	N/A	30	100	2.24m	11:16
Piling	T82	20-Jun-24	EE	Jetty Head	Exclusion Zone	11:47	200	Turtle	Green turtle	1	Surfacing, slow travel	Soft start	Shutdown	J70 P2	190	95	3.06m	12:20
Piling	T83	20-Jun-24	EE	Jetty Head	Exclusion Zone	13:01	115	Turtle	Green turtle	1	Surfacing, slow travel	Normal piling	Shutdown	J70 P2	100	240	2.42m	13:21
Piling	T84	22-Jun-24	EE	Jetty Head	NA	12:51	1783	Turtle	Green turtle	1	Surfacing, slow travel	Transit	No mitigation	N/A	50	80	3.38m	12:51
Piling	T85	22-Jun-24	EE	Jetty Head	Exclusion Zone	13:20	139	Turtle	Green turtle	1	Surfacing, slow travel	Pre-watch	Work not to commence until all clear	J71 P2	150	287	3.05m	13:20
Piling	T86	22-Jun-24	EE	Jetty Head	Exclusion Zone	13:42	215	Turtle	Green turtle	1	Surfacing, slow travel	Pre-watch	Soft start delay	J71 P2	203	238	2.82m	14:17
Piling	C11	22-Jun-24	EE	Jetty Head	Exclusion Zone	13:54	166	Cetacean	Humpback dolphin	2-3	Surfacing, breaching, travel	Pre-watch	Soft start delay	J71 P2	181	295	2.59m	13:55
Piling	T87	22-Jun-24	EE	Transit	NA	16:42	1850	Turtle	Green turtle	1	Stranded	Transit	No mitigation	N/A	70	80	0.94m	16:46
Piling	C12	30-Jun-24	EE	Jetty Head	Exclusion Zone	7:44	273	Cetacean	Indo-pacific bottlenose dolphin	1	Travelling	Pre-watch	Work not to commence until all clear	J73 P2	300	55	2.81	7:44
Piling	T88	06-Jul-24	ED	Transit	NA	9:05	1944	Turtle	Green turtle	3	Surfacing, slow travel	Transit	No mitigation	N/A	40	100	3.32m	9:08
Piling	T89	06-Jul-24	ED	Jetty Head	Exclusion Zone	13:38	83	Turtle	Unknown	1	Surfacing	Pre-watch	Work not to commence until all clear	J75 P1	60	240	2.85m	13:38
Piling	T90	06-Jul-24	ED	Transit	NA	16:15	1755	Turtle	Green turtle	1	Stranded	Transit	No mitigation	N/A	40	100	1.2m	16:35
Piling	T91	08-Jul-24	ED	Transit	NA	9:47	1890	Turtle	Green turtle	2	Surfacing, slow travel	Transit	No mitigation	N/A	30	100	2.87m	9:47
Piling	T92	10-Jul-24	ED	Transit	NA	7:42	1647	Turtle	Green turtle	2	Surfacing, slow travel	Transit	No mitigation	N/A	30	110	1.25m	7:47
Piling	T93	10-Jul-24	ED	Jetty Head	Exclusion Zone	9:00	60	Turtle	Green turtle	1	Surfacing	Pre-watch	Soft start delay	J77 P2	89	35	1.54m	9:02
Piling	T94	17-Jul-24	ED	Transit	NA	12:25	1917	Turtle	Green turtle	1	Slow travel, surfaccing, calm	Transit	No mitigation	N/A	50	120	NA	-
Piling	C13	17-Jul-24	BE	Jetty Head	NA	8:15	2995	Whale	Humpback	1	Slow travel, blow(penducle slap), calm	Pre Watch	No mitigation	N/A	3000	294	3.04m	-
Piling	T95	20-Jul-24	BE	Jetty Head	Exclusion Zone	13:27	318	Turtle	Green turtle	1	Slow travel, surfacing, calm	Pre Watch	Soft start delay	J81 P1	350	237	2.58m	14:01
Piling	T96	24-Jul-24	BE	Transit	NA	15:01	790	Turtle	Green turtle	1	Surfacing, slow moving	Transit	No mitigation	NA	NA	NA	NA	16:04
Piling	T97	26-Jul-24	BE	Jetty Head	Exclusion Zone	7:01	341	Turtle	Green turtle	1	Surfacing, slow swimming	Pre Watch	Work not to commence until all clear	J84 P1 & P2	341	-	1.63m	-
Piling	D3	26-Jul-24	BE	Transit	NA	13:13	15	Dugong	Dugong	1	Surfacing, slow swimming, foraging	Transit	No mitigation	J32	15	-	1.63m	-
Piling	C15	28-Jul-24	BE	Jetty Head	Beyond Exclusion Zone	7:18	2471	Dolphin	Unknown	3	Surfacing, active, feeding	Pre Watch	No mitigation	J85 P1 & P2	2471	-	1.38m	-
Piling	T98	28-Jul-24	BE	Jetty Head	Observation Zone	9:21	1188	Turtle	Unknown	1	Surfacing, slow swimming	Piling	No mitigation	J85 P1 & P2	1188	-	1.38m	-
Piling	C16	30-Jul-24	BE	Jetty Head	Beyond Exclusion Zone	8:18	2500	Dolphin	Unknown	1	Tail slapping	Pre Watch	No mitigation	J86 P1 & P2	2500	-	2.78m	-
Piling	T99	30-Jul-24	BE	Transit	NA	10:54	2300	Turtle	Unknown	1	Surfacing, slow swimming	Transit	No mitigation	J86 P1 & P2	2300	-	2.78m	-
Piling	T100	03-Aug-24	ED	Jetty Head	NA	12:48	229	Turtle	Green turtle	1	Calm, surfacing	Transit	No mitigation	J87 P1 & P2	229	-	2.85 m	-

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Piling	T101	03-Aug-24	ED	Jetty Head	Exclusion Zone	14:37	120	Turtle	Green turtle	1	Calm, surfacing	Piling	Shutdown	J87 P1 & P2	120	-	2.85 m	14:57
Sweeping	T1	04-Nov-24	AB	Sweeper Vessel	Observation Zone	10:40	250	Turtle	Flatback	1	Surfacing	Standby	No	NA	100	324	-	10:40
Sweeping	T2	04-Nov-24	AB	Sweeper Vessel	Observation Zone	14:06	114	Turtle	Flatback	1	Surfacing	Normal sweeping	No	NA	50	27	-	14:06
Sweeping	T4	05-Nov-24	AB	Sweeper Vessel	Exclusion Zone	14:44	92	Turtle	Green	1	Surfacing	Normal sweeping	Shutdown	NA	50	225	-	14:44
Sweeping	T3	05-Nov-24	AB	Sweeper Vessel	Exclusion Zone	11:03	98	Turtle	Green	1	Surfacing	Soft Start	Shutdown	NA	20	109	-	11:03
Sweeping	T5	06-Nov-24	AB	Sweeper Vessel	Observation Zone	11:26	175	Turtle	Green	1	Surfacing	Pre-Watch	No	NA	100	43	-	11:30
Sweeping	T6	06-Nov-24	AB	Sweeper Vessel	Exclusion Zone	13:37	48	Turtle	Green	1	Surfacing	Normal sweeping	Shutdown	NA	50	111	-	13:37
Sweeping	T7	06-Nov-24	AB	Sweeper Vessel	Observation Zone	14:39	171	Turtle	Loggerhead	1	Surfacing	Normal sweeping	No	NA	100	150	-	14:46
Sweeping	T8	06-Nov-24	AB	Sweeper Vessel	Observation Zone	14:51	198	Turtle	Green	1	Surfacing	Normal sweeping	No	NA	20	17	-	14:51
Sweeping	T9	06-Nov-24	AB	Sweeper Vessel	Observation Zone	15:48	159	Turtle	Green	1	Surfacing	Normal sweeping	No	NA	15	61	-	15:48
Sweeping	T10	08-Nov-24	AB	Sweeper Vessel	Exclusion Zone	11:52	61	Turtle	Green	1	Surfacing	Pre-Watch	Soft start delay	NA	70	30	-	12:02
Sweeping	T11	08-Nov-24	AB	Sweeper Vessel	Observation Zone	12:35	113	Turtle	Green	1	Surfacing	Soft Start	No	NA	60	4	-	12:35
Sweeping	T12	09-Nov-24	AB	Sweeper Vessel	Observation Zone	13:59	133	Turtle	Green	1	Surfacing, slow swimming	Normal sweeping	No	NA	100	350	-	14:00
Sweeping	T13	09-Nov-24	AB	Sweeper Vessel	Observation Zone	14:45	287	Turtle	Green	1	Surfacing, slow swimming	Normal sweeping	No	NA	80	136	-	14:46
Sweeping	T14	10-Nov-24	AB	Sweeper Vessel	Observation Zone	15:08	126	Turtle	Green	1	Surfacing, fast swimming	Normal sweeping	No	NA	15	36	-	15:08
Sweeping	T15	11-Nov-24	AB	Sweeper Vessel	Exclusion Zone	16:06	95	Turtle	Green	1	Surfacing, resting at the surface, slow swimming	Pre-Watch	Soft start delay	NA	25	90	-	16:16
Sweeping	T16	12-Nov-24	AB	Sweeper Vessel	Observation Zone	8:30	128	Turtle	Green	1	Surfacing	Normal sweeping	No	NA	80	69	-	8:30

MARINE FAUNA OBSERVER QUALIFICATIONS

Initials	Name	Qualifications and Experience
BE	Brodie Elsdon	Brodie has a PhD in Marine Mammal Science and 4 years marine science research experience which includes a year as a Marine Fauna Observer
ED	Elizabeth Dean	Elizabeth is a fully trained and experienced Marine Fauna Observer with 2 years MFO experience in pile driving project works.
AB	Aletta Bussenschutt	Aletta has a BSc in Marine Biology and Zoology and over 15 years Marine Fauna Observer experience in seismic surveys, research surveys/projects, aerial cetacean surveys, drilling campaigns and dredging surveys.
MM	Mia McIntyre	Mia is a qualified Marine Mammal Observer with over 4 years MFO experience in various marine environments across the Bass Strait, Norway, Cambridge Gulf and north-west Western Australia.
EE	Emily Evans	Emily holds a BSc in Marine Science with 8 years professional experience in marine science, research, and environmental consulting which includes Marine Fauna Observer and development and delivery of MFO training.