

MARINE FAUNA SIGHTINGS:
22-Feb-23 to 21-Feb-24

Project Total Sightings	Cetaceans	Turtles	Dugongs	Sea snake	Sawfish	Manta	Dolphin	Whale
38	1	35	2	0	0	0	0	0



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	C1	09-Dec-23	ED	Jetty Head	NA	12:39	448	Cetacean	Unidentified dolphin	1	Normal swimming	Transit	No mitigation	N/A	450	110	2.35	12:39
Piling	T1	09-Dec-23	ED	Jetty Head	NA	12:51	60	Turtle	Green turtle	1	Normal swimming	Transit	No mitigation	N/A	60	59	2.32	12:51
Piling	T2	08-Jan-24	ED	Jetty Head	NA	11:00	382	Turtle	Unidentified turtle	4	Slow travel	Transit	No mitigation	N/A	50	50	2.65	11:06
Piling	T3	08-Jan-24	ED	Jetty Head	NA	11:53	314	Turtle	Loggerhead turtle	1	Slow travel, diving	Transit	No mitigation	N/A	314	60	2.52	11:53
Piling	T4	08-Jan-24	ED	Jetty Head	Exclusion Zone	13:09	28	Turtle	Loggerhead turtle	1	Slow travel, diving	Pre-Watch	Soft start delay	J26 P1	28-314	60	2.38	14:37
Piling	T5	09-Jan-24	ED	Jetty Head	NA	12:06	382	Turtle	Unidentified turtle	2	Slow travel	Transit	No mitigation	N/A	50	50	2.75	12:09
Piling	T6	09-Jan-24	ED	Jetty Head	Exclusion Zone	14:04	12	Turtle	Green turtle carcass	1	Deceased	Pre-Watch	No mitigation	N/A	12-1367	265	2.32-2.25	14:34
Piling	T7	16-Jan-24	AB, ED	Jetty Head	NA	6:46	297	Turtle	Green turtle	3	Slow travel	Transit	No mitigation	J27 P2	30	185	1.22	6:51
Piling	T8	16-Jan-24	AB, ED	Jetty Head	NA	11:00	459	Turtle	Green turtle	1	Stranded	Transit	No mitigation	J27 P1	50	10	0	11:05
Piling	T9	20-Jan-24	AB	Jetty Head	NA	8:38	417	Turtle	Green turtle	3	Slow travel	Transit	No mitigation	N/A	50	12	2.28	8:44
Piling	D1	20-Jan-24	AB	Jetty Head	Exclusion Zone	9:18	61	Dugong	Dugong	1	Foraging	Pre-Watch	No mitigation	J28 P2	50-150	78	2.09	10:10
Piling	T10	20-Jan-24	AB	Jetty Head	NA	13:45	513	Turtle	Green turtle	2	Slow travel	Transit	No mitigation	N/A	50	193	2.55-2.62	13:50
Piling	D2	21-Jan-24	AB	Jetty Head	Exclusion Zone	7:12	157	Dugong	Dugong	1	Spy-hopping	Pre-Watch	No mitigation	N/A	150	80	2.84	7:12
Piling	T11	21-Jan-24	AB	Jetty Head	NA	11:30	441	Turtle	Green turtle	1	Feeding	Transit	No mitigation	N/A	20	233	2.22	11:32
Piling	T12	25-Jan-24	AB, ED	Jetty Head	NA	12:40	729	Turtle	Green turtle	2	Slow travel	Transit	No mitigation	N/A	40	50	3.33	12:46
Piling	T13	25-Jan-24	AB, ED	Jetty Head	NA	12:46	594	Turtle	Green turtle	1	Slow travel	Transit	No mitigation	N/A	50	52	3.28	12:49
Piling	T14	25-Jan-24	AB, ED	Jetty Head	NA	12:48	567	Turtle	Green turtle	1	Slow travel	Transit	No mitigation	N/A	60	67	3.28	12:55
Piling	T15	25-Jan-24	AB, ED	Jetty Head	NA	13:56	135	Turtle	Green turtle	1	Slow travel	Transit	No mitigation	N/A	150	93	2.82	13:56
Piling	T16	25-Jan-24	AB, ED	Jetty Head	NA	16:26	432	Turtle	Green turtle	1	Slow travel	Transit	No mitigation	N/A	70	270	1.85	16:30
Piling	T17	02-Feb-24	ED	Jetty Head	NA	6:27	594	Turtle	Green turtle	1	Slow travel	Transit	No mitigation	N/A	10	65	2.18	6:28
Piling	T18	05-Feb-24	ED	Jetty Head	NA	9:28	540	Turtle	Green turtle	2	Slow travel	Transit	No mitigation	N/A	30	40	2.16	9:32
Piling	T19	05-Feb-24	ED	Jetty Head	Exclusion Zone	10:30	30	Turtle	Green turtle	1	Dive	Pre-Watch	No mitigation	J31 P2	40	295	2.14	10:30
Piling	T20	05-Feb-24	ED	Jetty Head	Exclusion Zone	11:10	144	Turtle	Loggerhead turtle	1	Slow travel	Pre-Watch	No mitigation	J31 P2	30	125	2.2	11:10
Piling	T21	05-Feb-24	ED	Jetty Head	NA	14:01	648	Turtle	Green turtle	1	Slow travel	Transit	No mitigation	N/A	20	80	2.89	14:07
Piling	T22	08-Feb-24	AB	Jetty Head	NA	12:18	675	Turtle	Green turtle	1	Slow travel	Transit	No mitigation	N/A	30	34	2.98	12:15
Piling	T23	08-Feb-24	AB	Jetty Head	NA	12:24	702	Turtle	Green turtle	3	Slow travel	Transit	No mitigation	N/A	100-150	75	2.9	12:25
Piling	T24	08-Feb-24	AB	Jetty Head	NA	12:26	621	Turtle	Green turtle	1	Slow travel	Transit	No mitigation	N/A	50	30	2.9	12:27
Piling	T25	08-Feb-24	AB	Jetty Head	NA	12:27	592	Turtle	Green turtle	1	Slow travel	Transit	No mitigation	N/A	150	214	2.89	12:28
Piling	T26	08-Feb-24	AB	Jetty Head	NA	17:15	540	Turtle	Green turtle	2	Feeding	Transit	No mitigation	N/A	25	304	2.2	17:17
Piling	T27	12-Feb-24	AB	Jetty Head	Exclusion Zone	7:48	50	Turtle	Green turtle	1	Surfacing	Pre-Watch	No mitigation	J33 P1	50	345	0.41	7:50
Piling	T28	12-Feb-24	AB	Jetty Head	Exclusion Zone	7:55	60	Turtle	Green turtle	1	Surfacing	Pre-Watch	Soft start delay	J33 P1	60	45	0.5	8:08
Piling	T29	12-Feb-24	AB	Jetty Head	NA	10:34	729	Turtle	Green turtle	3	Slow travel	Transit	No mitigation	N/A	20	274	2.97	10:37
Piling	T30	12-Feb-24	AB	Jetty Head	NA	10:37	740	Turtle	Green turtle	2	Slow travel	Transit	No mitigation	N/A	50	69	2.97	10:38

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Piling	T31	13-Feb-24	AB	Jetty Head	NA	15:10	837	Turtle	Green turtle	1	Surfacing	Transit	No mitigation	N/A	50	51	3.85	15:15
Piling	T32	13-Feb-24	AB	Jetty Head	NA	15:11	810	Turtle	Green turtle	1	Surfacing	Transit	No mitigation	N/A	10	45	3.85	15:15
Piling	T33	13-Feb-24	AB	Jetty Head	NA	15:20	729	Turtle	Green turtle	1	Surfacing	Transit	No mitigation	N/A	150	50	3.72	15:24
Piling	T34	17-Feb-24	AB, ED	Jetty Head	NA	7:20	594	Turtle	Green turtle	1	Surfacing	Transit	No mitigation	N/A	25	220	2.03	7:21
Piling	T35	17-Feb-24	AB, ED	Jetty Head	NA	11:57	621	Turtle	Green turtle	3	Feeding	Transit	No mitigation	N/A	25	250	2.36	11:59

MARINE FAUNA OBSERVER QUALIFICATIONS

Initials	Name	Qualifications and Experience
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.