

Mardie Salt Marine Fauna Register

Total Project Sightings	Cetaceans	Turtles	Dugongs	Sea snake	Sawfish	Manta	Dolphin	Whale
77	20	47	2	4	0	4	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	D1	23-Feb-25	MM	Jetty Head	Exclusion Zone	8:43	74	Dugong	Dugong	1	Swimming	Pre-Watch	Delay Start, Soft Start	W1-P4	114	161	2.59 - 2.81	12:20
Piling	C1	25-Feb-25	MM	Jetty Head	Exclusion Zone	10:18	1055	Cetacean	Australian Humpback Dolphin	3	Swimming	Normal Observations	No Mitigation	BD-BP2	697	77	-	10:37
Piling	T1	02-Mar-25	MM	Jetty Head	Observation Zone	9:09	175	Turtle	Green	1	Surfacing	Drilling	No Mitigation	W1-P4	175	203	0.65 - 1.34	-
Piling	T2	02-Mar-25	MM	Jetty Head	Observation Zone	9:56	171	Turtle	Green	1	Swimming	Drilling	No Mitigation	W1-P4	193	268	2.72	9:56
Piling	T3	02-Mar-25	MM	Jetty Head	Observation Zone	16:36	151	Turtle	Green	1	Swimming	Drilling	No Mitigation	W1-P4	111	51	2.2	16:36
Piling	T4	06-Mar-25	MM, YH	Jetty Head	Exclusion Zone	15:42	106	Turtle	Unknown	1	Surfacing	Pre-Watch	No Mitigation	W3-P4	86	45	-	-
Piling	T5	07-Mar-25	MM, YH	Jetty Head	Observation Zone	9:45	896	Turtle	Unknown	1	Surfacing	Drilling	No Mitigation	W3-P4	880	0	1.82	9:45
Piling	T6	07-Mar-25	MM, YH	Jetty Head	Observation Zone	11:30	543	Turtle	Unknown	1	Surfacing	Normal Observations	No Mitigation	W3-P4	562	198	2.55	11:30
Piling	C2	12-Mar-25	YH	Jetty Head	Exclusion Zone	10:10	178	Cetacean	Australian Humpback Dolphin	1	Surfacing	Normal Observations	No Mitigation	BD-BP2	811	67	3.62	10:18
Piling	M1	19-Mar-25	YH, EE	Jetty Head	Exclusion Zone	14:00	44	Manta	Manta Ray (Possible)	1	Swimming	Drilling	Delay Start	W1-P3	41	200	4.63 - 4.52	14:20
Piling	T7	21-Mar-25	YH, EE	Jetty Head	Observation Zone	9:58	374	Turtle	Flatback	1	Basking	Pre-Watch	No Mitigation	W1-P3	390	200	2.04 - 3.19	11:40
Piling	M2	25-Mar-25	YH, EE, TF, MM, LG	Jetty Head	Exclusion Zone	15:36	100	Manta	Manta Ray	1	Distressed	Pre-Watch	No Mitigation	W3-P3	100	345	2.93	11:30
Piling	T8	26-Mar-25	YH, EE, TF, MM, LG	Jetty Head	Observation Zone	15:01	111	Turtle	Green	1	Swimming	Drilling	No Mitigation	W3-P3	120	198	2.78 - 2.45	16:00
Piling	T9	27-Mar-25	YH, EE, TF, MM, LG	Jetty Head	Observation Zone	14:07	150	Turtle	Green	1	Swimming	Drilling	No Mitigation	W3-P3	140	265	2.65 - 2.20	14:50
Piling	C3	28-Mar-25	YH, EE, TF, MM, LG	Jetty Head	Observation Zone	7:59	2102	Cetacean	Bottlenose Dolphin	2	Breaching	Pre-Watch	No Mitigation	W3-P3	2100	86	2.8	8:02
Piling	T10	29-Mar-25	MM, LG	Jetty Head	Exclusion Zone	9:50	75	Turtle	Green	1	Swimming	Pre-Watch	Delay soft start	W2-P3	75	97	4.03	11:34
Piling	C4	29-Mar-25	MM, LG	Jetty Head	Exclusion Zone	10:54	105	Cetacean	Australian Humpback Dolphin	8	Swimming	Pre-Watch	Delay soft start	W2-P3	200	33	4.47	11:34
Piling	SS1	28-Apr-25	MC (Bhagwan)	Jetty Head	Exclusion Zone	2:35	na	Sea snake	Short Nosed Sea Snake	1	Swimming	Normal Observations	No Mitigation	BD-BP2	>1	NA	2.39	2:40
Piling	C5	29-Apr-25	MM, LG, YH, CE	Jetty Head	Observation Zone	7:40	2100	Cetacean	Bottlenose Dolphin	3	Swimming	Pre-Watch	No Mitigation	W3-P2	2070	10	1.83	7:40
Piling	T11	04-May-25	MM, LG, YH, CE	Jetty Head	Exclusion Zone	11:28	214	Turtle	Unknown	1	Surfacing	Pre-Watch	No Mitigation	W1-P1	214	199	2.25 - 3.95	-
Piling	SS2	05-May-25	MM, LG, YH, CE	Jetty Head	Exclusion Zone	1:40	10	Sea Snake	Short Nosed Sea Snake	1	Swimming	Drilling	Shutdown	W1-P1	10	180	2.32 - 3.08	2:05
Piling	M3	06-May-25	MM, LG	Jetty Head	Exclusion Zone	15:01	10	Manta	Manta Ray	3	Foraging	Normal Observations	No Mitigation	BD-BP2	10	36	2.63	16:45
Piling	M4	06-May-25	MM, LG, YH, CE	Jetty Head	Exclusion Zone	20:57	10	Manta	Manta Ray	1	Swimming	Drilling	No Mitigation	W2-P1	20	180	3.20 - 2.40	-
Piling	T12	08-May-25	MM, TF	Jetty Head	Exclusion Zone	15:27	432	Turtle	Green	1	Surfacing	Drilling	Shutdown	W2-P2	432	164	3.05 - 2.13	16:05
Piling	T13	10-May-25	MM, TF	Jetty Head	Exclusion Zone	12:57	134	Turtle	Loggerhead	1	Surfacing	Normal Observations	No Mitigation	W2-P2	146	134	3.1 - 3	-
Piling	T14	10-May-25	MM, TF	Jetty Head	Exclusion Zone	12:57	134	Turtle	Loggerhead	1	Surfacing	Pre-Watch	Delay Start	BD-BP2	170	139	3	12:57
Piling	T15	17-May-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	13:37	50	Turtle	Loggerhead	1	Surfacing	Pre-Watch	Delay Start, shutdown	BD-BP2	96	180	4.61 - 4.28	16:42
Piling	T16	18-May-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	12:47	107	Turtle	Green & Loggerhead	2	Surfacing	Pre-Watch	Delay Start, shutdown	BD-BP2	86	0	4.32	15:52
Piling	D2	18-May-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	13:42	141	Dugong	Dugong	1	Surfacing	Normal Observations	No Mitigation	BD-BP2	106	20	4.53	13:43
Piling	T17	20-May-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	12:12	134	Turtle	Loggerhead	1	Surfacing	Pre-Watch, Drilling	Delay Start, shutdown	BD-BP2	30	120	3.26	15:40
Piling	T18	22-May-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	15:01	124	Turtle	Green	1	Surfacing	Pre-Watch	Delay Start	BD-BP2	94	246	-	15:23
Piling	T19	22-May-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	15:46	80	Turtle	Loggerhead	1	Surfacing	Drilling	Shutdown	BD-BP2	54	193	-	16:06
Piling	C6	23-May-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	9:33	500	Cetacean	Bottlenose Dolphin	3	Travelling	Normal Observations	No Mitigation	BD-BP2	650	70	11.31	9:47
Piling	C7	26-May-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	7:11	89	Cetacean	Bottlenose Dolphin	2	Foraging	Normal Observations	No Mitigation	BD-BP2	89	198	3.06 - 3.81	-
Piling	T20	02-Jun-25	LG	Jetty Head	Exclusion Zone	23:42	130	Turtle	Unknown	1	Surfacing	Normal Observations	No Mitigation	BD-BP2	100	50	<2.5	23:42 - Last sighted
Piling	T21	03-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	1:03	130	Turtle	Loggerhead	1	Surfacing	Pre-Watch	No Mitigation	BD-BP2	100	130	2.5 - 3.82	-
Piling	T22	03-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	19:40	120	Turtle	Loggerhead	1	Surfacing	Pre-Watch, Drilling	Delay Start, shutdown	BD-BP2	100	120	2.98 - 2.77	20:00
Piling	T23	04-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	19:25	133	Turtle	Loggerhead	1	Surfacing	Pre-Watch, Drilling	Delay Start, shutdown	BD-BP2	100	224	3.31 - 3.22	Shutdown due continued observations
Piling	T24	05-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	19:45	133	Turtle	Loggerhead	1	Surfacing	Pre-Watch, Drilling	Delay Start, shutdown	BD-BP2	100	133	3.39 - 3.22	Shutdown due continued observations
Piling	T25	06-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	7:11	124	Turtle	Unknown	1	Surfacing	Normal Observations	No Mitigation	BD-BP2	97	180	3.79 - 3.84	-
Piling	C8	06-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	7:34	670	Cetacean	Bottlenose Dolphin	8	Foraging	Normal Observations	No Mitigation	BD-BP2	870	180	3.84 - 3.79	-
Piling	C9	06-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	8:13	763	Cetacean	Bottlenose Dolphin	4	Foraging	Normal Observations	No Mitigation	BD-BP2	800	180	3.79 - 3.76	-
Piling	C10	06-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	8:45	102	Cetacean	Bottlenose Dolphin	1	Surfacing	Normal Observations	No Mitigation	BD-BP2	65	180	3.73 - 3.69	-
Piling	T26	07-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	7:12	130	Turtle	Unknown	1	Surfacing	Normal Observations	No Mitigation	BD-BP2	99	192	3.81 - 3.85	-
Piling	T27	08-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	0:48	130	Turtle	Loggerhead	1	Surfacing	Pre-Watch, Drilling	Delay Start, shutdown	BD-BP2	100	220	2.75	Shutdown due continued observations
Piling	T28	08-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	1:35	130	Turtle	Unknown	1	Surfacing	Pre-Watch, Drilling	Delay Start, shutdown	BD-BP2	100	220	2.75	Shutdown due continued observations
Piling	C11	08-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	15:45	342	Cetacean	Bottlenose Dolphin	6	Foraging	Normal Observations	No Mitigation	BD-BP2	376	200	-	-
Piling	T29	08-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	13:49	133	Turtle	Unknown	1	Surfacing	Drilling	Delay Start, shutdown	BD-BP2	99	200	2.49 - 2.28	Shutdown due continued observations
Piling	T30	08-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	14:08	695	Turtle	Unknown	1	Surfacing	Pre-Watch	Delay Start, shutdown	BD-BP2	681	200	2.28 - 2.15	Shutdown due continued observations
Piling	T31	08-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Observation Zone	14:15	1081	Turtle	Unknown	1	Surfacing	Drilling	No Mitigation	BD-BP2	1047	200	2.15 - 1.99	-
Piling	T32	08-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	15:03	121	Turtle	Green	1	Surfacing	Drilling	Delay Start, shutdown	BD-BP2	98	200	1.99 - 1.88	Shutdown due continued observations
Piling	T33	08-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	16:36	348	Turtle	Unknown	1	Surfacing	Drilling	Delay Start, shutdown	BD-BP2	314	200	1.83 - 1.92	Shutdown due continued observations
Piling	C12	09-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Observation Zone	7:26	1530	Cetacean	Unidentified Dolphin	10	Swimming	Normal Observations	No Mitigation	BD-BP2	1500	220	3.29 - 3.86	-
Piling	C13	09-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	7:52	510	Cetacean	Australian Humpback Dolphin	5	Swimming	Normal Observations	No Mitigation	BD-BP2	510	220	3.29 - 3.86	-
Piling	T34	09-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	10:49	173	Turtle	Unknown	1	Surfacing	Pre-Watch	Delay Start	BD-BP2	163	190	4.28 - 4.81	11:24
Piling	T35	09-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	10:59	80	Turtle	Unknown	1	Surfacing	Pre-Watch	Delay Start	BD-BP2	50	220	4.1 - 3.82	11:24
Piling	T36	10-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	0:12	80	Turtle	Loggerhead	1	Surfacing	Pre-Watch	Delay Start, shutdown	BD-BP2	100	220	3.56 - 3.43	3:47
Piling	SS3	10-Jun-25	YH	Jetty Head	Exclusion Zone	5:50	36	Sea Snake	Short Nosed Sea Snake	1	Surfacing	Normal Observations	No Mitigation	BD-BP2	30	42	<2.87	5:50 - Last sighted

Mardie Salt Marine Fauna Register

Total Project Sightings	Cetaceans	Turtles	Dugongs	Sea snake	Sawfish	Manta	Dolphin	Whale
77	20	47	2	4	0	4	0	0



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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	C14	10-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	8:39	925	Cetacean	Bottlenose Dolphin	4	Surfacing	Drilling	Delay Start	BD-BP2	888	200	3.97 - 4.12	8:59
Piling	T37	10-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	14:07	130	Turtle	Green	1	Surfacing	Pre-Watch	No Mitigation	BD-BP2	100	220	2.94 - 1.47	-
Piling	T38	10-Jun-25	YH, MM, LG, TF, CE	Jetty Head	Exclusion Zone	19:16	126	Turtle	Loggerhead	1	Surfacing	Pre-Watch	No Mitigation	BD-BP2	97	217	1.96 - 2.56	-
Piling	C15	11-Jun-25	MM, CE	Jetty Head	Exclusion Zone	1:30	51	Cetacean	Bottlenose Dolphin	2	Foraging	Normal Observations	No Mitigation	BD-BP2	-	-	-	-
Piling	C16	11-Jun-25	LG	Jetty Head	Exclusion Zone	7:52	1900	Cetacean	Bottlenose Dolphin	5	Breaching	Normal Observations	No Mitigation	BD-BP2	1900	270	2.61-4	-
Piling	T39	11-Jun-25	YH, LG	Jetty Head	Exclusion Zone	9:54	127	Turtle	Loggerhead	1	Surfacing	Pre-Watch, Drilling	Delay Start, shutdown	BD-BP2	98-100	65-60	4.32-4.54	11:22
Piling	C17	11-Jun-25	YH	Jetty Head	Exclusion Zone	10:18	615	Cetacean	Bottlenose Dolphin	2	Surfacing	Pre-Watch	Delay Start, shutdown	BD-BP2	610	290	4.32-4.51	10:18 - Last sighted
Piling	T40	11-Jun-25	YH, LG	Jetty Head	Exclusion Zone	12:59	118	Turtle	Loggerhead	1	Surfacing	Pre-Watch, Drilling	Delay Start, shutdown	BD-BP2	98-100	87-60	3.98-2.13	Shutdown due continued observations
Piling	T41	11-Jun-25	MM	Jetty Head	Exclusion Zone	19:17	132	Turtle	Loggerhead	1	Surfacing	Pre-Watch	No Mitigation	BD-BP2	102	56	1.56-2.01	Shutdown due continued observations
Piling	C18	11-Jun-25	TF	Jetty Head	Exclusion Zone	21:50	30	Cetacean	Bottlenose Dolphin	1	Foraging	Drilling	Delay Start, shutdown	BD-BP2	50	136	3.1-3.46	23:16
Piling	T42	11-Jun-25	TF	Jetty Head	Exclusion Zone	22:22	130	Turtle	Loggerhead	1	Surfacing	Shut Down	No Mitigation	BD-BP2	100	91	3.46-4.14	Shutdown due continued observations
Piling	T43	12-Jun-25	LG- YH	Jetty Head	Exclusion Zone	10:26	130	Turtle	Loggerhead	1	Surfacing	Drilling	Delay Start, shutdown	BD-BP2	100	60	2.64-4.47	12:54
Piling	C19	12-Jun-25	TF, MM	Jetty Head	Exclusion Zone	12:13	578	Cetacean	Bottlenose Dolphin	4	Foraging	Pre-Watch	No Mitigation	BD-BP2	1600	350	4.03-3.64	13:09
Piling	T44	15-Jun-25	MM	Jetty Head	Exclusion Zone	12:49	253	Turtle	Loggerhead	1	Surfacing	Pre-Watch	No Mitigation	BD-BP2	218	6	4.03-3.64	12:47 - Last sighted
Piling	T45	15-Jun-25	TF	Jetty Head	Exclusion Zone	14:11	134	Turtle	Green	1	Surfacing	Pre-Watch	No Mitigation	BD-BP2	100	45	4.03-3.64	14:12 - Last sighted
Piling	T46	16-Jun-25	MM	Jetty Head	Exclusion Zone	13:10	135	Turtle	Green	1	Surfacing	Pre-Watch	No Mitigation	BD-BP2	112	48	4.46-4.48	13:10 - Last sighted
Piling	SS4	16-Jun-25	TF	Jetty Head	Exclusion Zone	14:31	144	Sea Snake	Short Nosed Sea Snake	1	Swimming	Normal Observations	No Mitigation	BD-BP2	100	45	<3.47	14:31 Last sighted
Piling	C20	17-Jun-25	TF	Jetty Head	Exclusion Zone	9:46	30	Cetacean	Bottlenose Dolphin	1	Surfacing	Pre-Watch	No Mitigation	BD-BP2	30	65	2.12-3.5	9:48 - Last sighted
Piling	T47	17-Jun-25	MM	Jetty Head	Exclusion Zone	10:44	297	Turtle	Green	1	Surfacing	Pre-Watch	No Mitigation	BD-BP2	267	295	2.12-3.5	10:55 - Last sighted

MARINE FAUNA OBSERVER QUALIFICATIONS

Initials	Name	Qualifications and Experience
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.
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.
YH	Yasmin Hunt	Yasmin has over 20 years experience in the marine environment with Marine Fauna Observer experience expanding across Australia, UK and Norway.
LG	Lee Gillespie	Lee holds a BSc in Zoology and Animal Science over 3 years Marine Fauna Observer experience across offshore drilling, seismic surveys, decommissioning, aerial surveys, piling operations, multi beam and sub bottom profiler surveys between Bass Strait and north-west Western Australia.
TF	Ticiana Fetterman	Ticiana is a Marine Biologist with 20 years experience in marine research and conservation which has included marine mammel field researach and marine fauna observation.
CE	Carlos Estrabeau	Carlos is a qualified Marine Fauna Observer with over 4 years MFO experience working across seismic survey and decommissing campaigns in Victorian, Western Australian and Northern Territory waters.