

Appendix C. Monitoring Results

Air Quality Monitoring Results

1-hour TSP Results

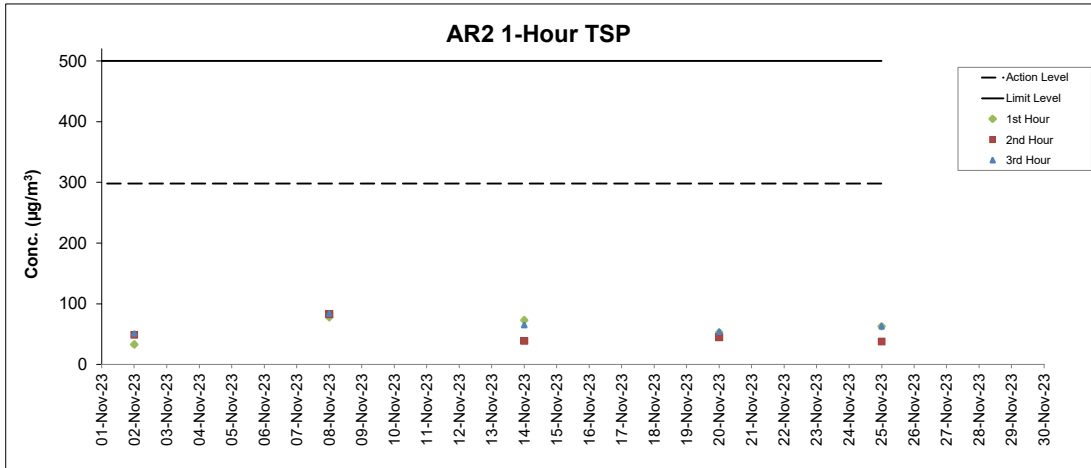
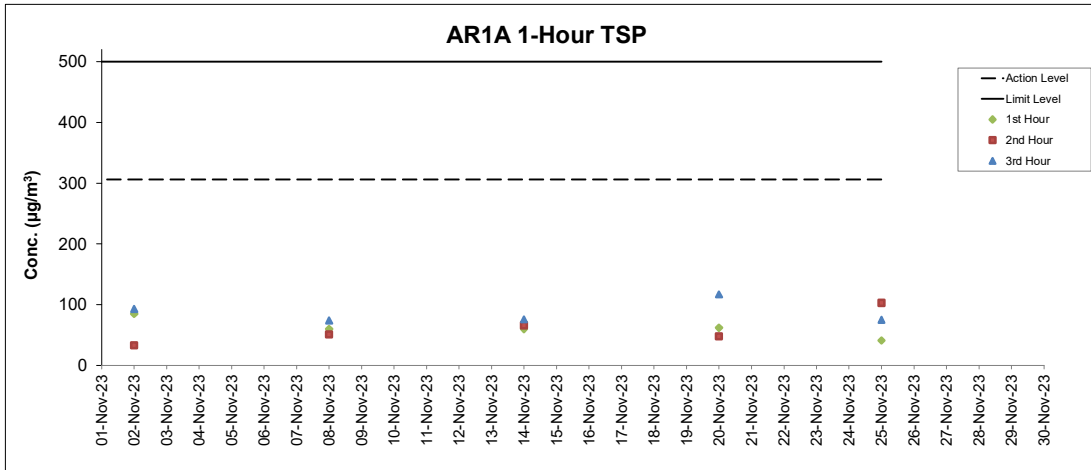
Station: AR1A- Man Tung Road Park

Date	Time	Weather	Wind Speed (m/s)	Wind Direction (deg)	1-hr TSP ($\mu\text{g}/\text{m}^3$)	Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
2-Nov-23	8:31	Sunny	3.9	73	85	306	500
2-Nov-23	9:31	Sunny	3.9	60	33	306	500
2-Nov-23	10:31	Sunny	3.3	141	93	306	500
8-Nov-23	8:19	Cloudy	7.5	89	60	306	500
8-Nov-23	9:19	Cloudy	6.4	93	51	306	500
8-Nov-23	10:19	Cloudy	7.5	92	74	306	500
14-Nov-23	8:26	Sunny	5.0	7	60	306	500
14-Nov-23	9:26	Sunny	3.6	42	66	306	500
14-Nov-23	10:26	Sunny	3.9	54	76	306	500
20-Nov-23	8:34	Sunny	2.5	68	62	306	500
20-Nov-23	9:34	Sunny	2.5	62	48	306	500
20-Nov-23	10:34	Sunny	2.8	56	117	306	500
25-Nov-23	8:53	Sunny	3.3	63	41	306	500
25-Nov-23	9:53	Sunny	3.3	48	103	306	500
25-Nov-23	10:53	Sunny	3.9	41	75	306	500

1-hour TSP Results

Station: AR2- Village House, Tin Sum

Date	Time	Weather	Wind Speed (m/s)	Wind Direction (deg)	1-hr TSP ($\mu\text{g}/\text{m}^3$)	Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
2-Nov-23	12:26	Sunny	2.2	Variable	33	298	500
2-Nov-23	13:26	Sunny	1.9	Variable	49	298	500
2-Nov-23	14:26	Sunny	3.3	114	51	298	500
8-Nov-23	12:53	Cloudy	5.3	93	78	298	500
8-Nov-23	13:53	Cloudy	5.0	94	83	298	500
8-Nov-23	14:53	Cloudy	5.6	91	84	298	500
14-Nov-23	12:37	Sunny	2.5	Variable	73	298	500
14-Nov-23	13:37	Sunny	3.3	312	39	298	500
14-Nov-23	14:37	Sunny	2.8	Variable	65	298	500
20-Nov-23	12:27	Sunny	3.1	41	53	298	500
20-Nov-23	13:27	Sunny	3.6	21	45	298	500
20-Nov-23	14:27	Sunny	4.4	267	54	298	500
25-Nov-23	13:01	Sunny	3.1	Variable	63	298	500
25-Nov-23	14:01	Sunny	3.3	237	38	298	500
25-Nov-23	15:01	Sunny	4.2	246	63	298	500



Notes

1. Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.
2. Weather conditions during monitoring are presented in the data tables above.
3. QA/QC requirements as stipulated in the EM&A Manual were carried out during measurement.

Noise Monitoring Results

Noise Measurement Results

Station: NM1A- Man Tung Road Park

Date	Weather	Time	Measured L ₁₀ dB(A)	Measured L ₉₀ dB(A)	L _{eq(30mins)} dB(A) ^
2-Nov-23	Sunny	9:21	65.1	60.3	65
2-Nov-23	Sunny	9:26	62.8	60.0	
2-Nov-23	Sunny	9:31	63.4	59.7	
2-Nov-23	Sunny	9:36	62.7	60.2	
2-Nov-23	Sunny	9:41	61.6	58.9	
2-Nov-23	Sunny	9:46	62.6	59.2	
8-Nov-23	Cloudy	9:05	60.2	55.8	61
8-Nov-23	Cloudy	9:10	60.3	56.2	
8-Nov-23	Cloudy	9:15	59.3	55.2	
8-Nov-23	Cloudy	9:20	59.3	55.6	
8-Nov-23	Cloudy	9:25	60.0	55.7	
8-Nov-23	Cloudy	9:30	59.3	54.7	
14-Nov-23	Sunny	9:23	61.8	59.0	64
14-Nov-23	Sunny	9:28	61.7	58.5	
14-Nov-23	Sunny	9:33	63.1	59.1	
14-Nov-23	Sunny	9:38	62.8	59.2	
14-Nov-23	Sunny	9:43	62.7	59.2	
14-Nov-23	Sunny	9:48	61.8	59.0	
20-Nov-23	Sunny	8:03	63.5	60.9	65
20-Nov-23	Sunny	8:08	64.9	59.4	
20-Nov-23	Sunny	8:13	64.3	59.9	
20-Nov-23	Sunny	8:18	63.9	58.9	
20-Nov-23	Sunny	8:23	62.1	58.5	
20-Nov-23	Sunny	8:28	62.5	58.8	

Remarks:

(^) +3dB (A) correction in Leq(30mins) dB(A) was applied to free-field measurement.

Noise Measurement Results

Station: NM4- Ching Chung Hau Po Woon Primary School

Date	Weather	Time	Measured L ₁₀ dB(A)	Measured L ₉₀ dB(A)	L _{eq(30mins)} dB(A) ^
3-Nov-23	Sunny	10:59	63.5	59.0	64
3-Nov-23	Sunny	11:04	61.6	58.5	
3-Nov-23	Sunny	11:09	62.3	59.1	
3-Nov-23	Sunny	11:14	62.4	58.6	
3-Nov-23	Sunny	11:19	62.0	58.1	
3-Nov-23	Sunny	11:24	62.6	58.2	
10-Nov-23	Overcast	13:21	62.7	58.3	63
10-Nov-23	Overcast	13:26	62.3	58.1	
10-Nov-23	Overcast	13:31	61.7	57.4	
10-Nov-23	Overcast	13:36	61.7	57.1	
10-Nov-23	Overcast	13:41	62.0	57.7	
10-Nov-23	Overcast	13:46	62.8	57.2	
15-Nov-23	Sunny	13:22	64.0	60.5	65
15-Nov-23	Sunny	13:27	64.1	60.8	
15-Nov-23	Sunny	13:32	65.0	61.3	
15-Nov-23	Sunny	13:37	62.9	58.1	
15-Nov-23	Sunny	13:42	62.6	58.0	
15-Nov-23	Sunny	13:47	62.8	57.3	
24-Nov-23	Sunny	11:27	64.1	59.3	65
24-Nov-23	Sunny	11:32	62.9	59.5	
24-Nov-23	Sunny	11:37	64.8	59.6	
24-Nov-23	Sunny	11:42	63.5	60.0	
24-Nov-23	Sunny	11:47	63.2	59.7	
24-Nov-23	Sunny	11:52	64.1	59.9	
30-Nov-23	Overcast	14:30	64.0	58.3	64
30-Nov-23	Overcast	14:35	60.9	57.6	
30-Nov-23	Overcast	14:40	61.8	57.6	
30-Nov-23	Overcast	14:45	63.0	58.4	
30-Nov-23	Overcast	14:50	60.8	57.0	
30-Nov-23	Overcast	14:55	63.9	58.0	

Remarks:

(^) +3dB (A) correction in Leq(30mins) dB(A) was applied to free-field measurement.

Noise Measurement Results

Station: NM5- Village House, Tin Sum

Date	Weather	Time	Measured L ₁₀ dB(A)	Measured L ₉₀ dB(A)	L _{eq(30mins)} dB(A) ^
2-Nov-23	Sunny	12:07	61.0	57.3	59*
2-Nov-23	Sunny	12:12	60.7	56.1	
2-Nov-23	Sunny	12:17	60.6	56.9	
2-Nov-23	Sunny	12:22	61.2	55.9	
2-Nov-23	Sunny	12:27	61.2	57.1	
2-Nov-23	Sunny	12:32	60.5	56.0	
8-Nov-23	Cloudy	11:53	56.1	50.1	57
8-Nov-23	Cloudy	11:58	54.9	50.0	
8-Nov-23	Cloudy	12:03	54.3	50.5	
8-Nov-23	Cloudy	12:08	54.2	50.2	
8-Nov-23	Cloudy	12:13	55.6	51.0	
8-Nov-23	Cloudy	12:18	54.2	50.4	
14-Nov-23	Sunny	12:39	55.4	50.5	56
14-Nov-23	Sunny	12:44	55.4	49.9	
14-Nov-23	Sunny	12:49	56.2	49.6	
14-Nov-23	Sunny	12:54	54.6	48.5	
14-Nov-23	Sunny	12:59	54.1	50.4	
14-Nov-23	Sunny	13:04	55.2	50.2	
20-Nov-23	Sunny	11:32	52.5	47.2	57*
20-Nov-23	Sunny	11:37	54.5	47.9	
20-Nov-23	Sunny	11:42	53.5	47.4	
20-Nov-23	Sunny	11:47	55.3	46.8	
20-Nov-23	Sunny	11:52	62.4	44.4	
20-Nov-23	Sunny	11:57	54.0	42.6	

Remarks:

(^) +3dB (A) correction in Leq(30mins) dB(A) was applied to free-field measurement.

(*) The measurement result was corrected with reference to the baseline monitoring levels.

Noise Measurement Results

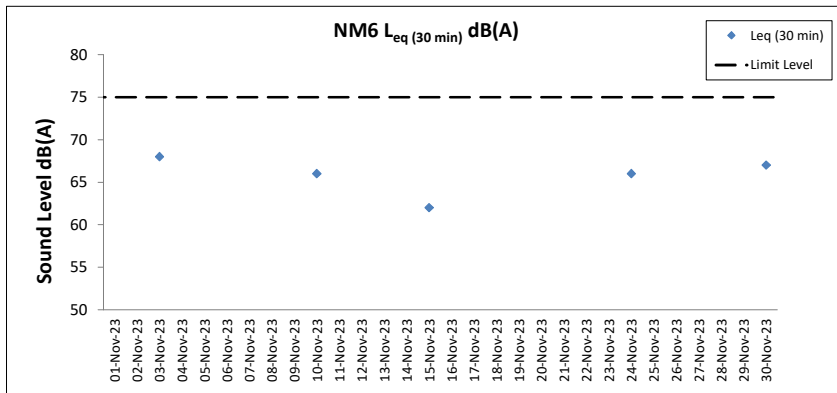
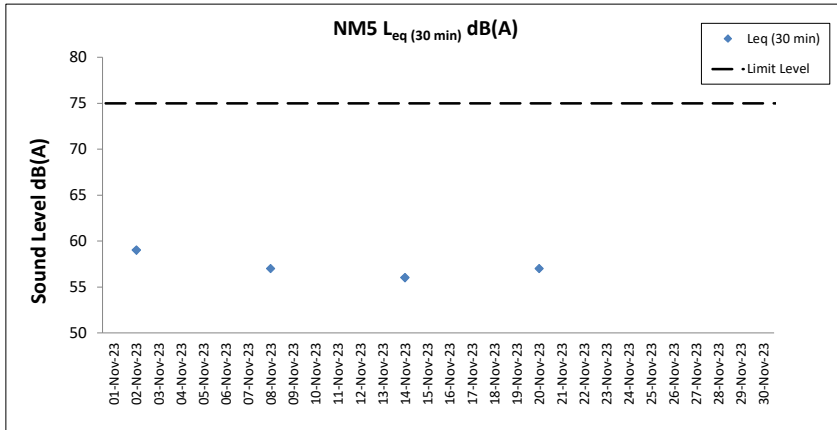
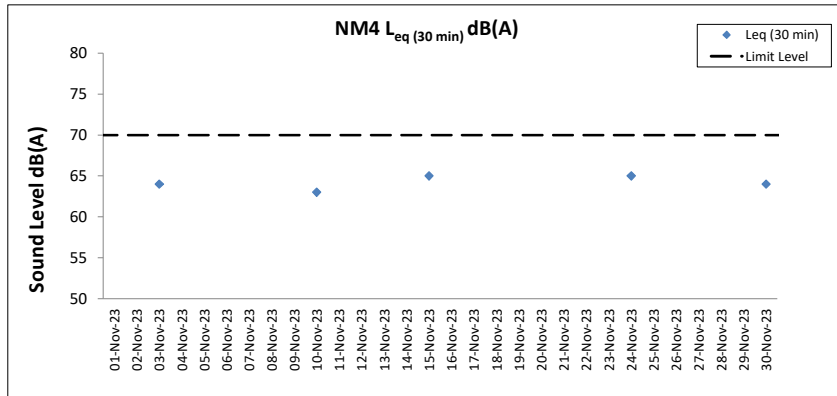
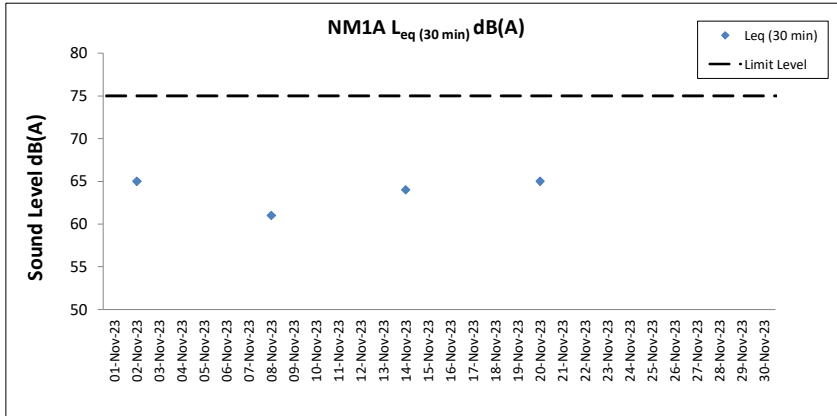
Station: NM6- House No.1 Sha Lo Wan

Date	Weather	Time	Measured L ₁₀ dB(A)	Measured L ₉₀ dB(A)	L _{eq(30mins)} dB(A) ^
3-Nov-23	Sunny	9:46	73.5	55.7	68*
3-Nov-23	Sunny	9:51	73.2	58.6	
3-Nov-23	Sunny	9:56	73.2	54.0	
3-Nov-23	Sunny	10:01	70.2	58.7	
3-Nov-23	Sunny	10:06	72.4	59.7	
3-Nov-23	Sunny	10:11	72.3	57.4	
10-Nov-23	Overcast	15:50	74.1	60.1	66*
10-Nov-23	Overcast	15:55	71.3	57.9	
10-Nov-23	Overcast	16:00	71.3	59.8	
10-Nov-23	Overcast	16:05	69.8	55.7	
10-Nov-23	Overcast	16:10	64.5	51.7	
10-Nov-23	Overcast	16:15	67.0	54.7	
15-Nov-23	Sunny	15:46	61.3	50.7	62*
15-Nov-23	Sunny	15:51	63.5	48.5	
15-Nov-23	Sunny	15:56	63.8	51.1	
15-Nov-23	Sunny	16:01	74.0	55.7	
15-Nov-23	Sunny	16:06	70.6	56.3	
15-Nov-23	Sunny	16:11	71.6	56.3	
24-Nov-23	Sunny	9:58	71.3	59.4	66*
24-Nov-23	Sunny	10:03	68.9	58.3	
24-Nov-23	Sunny	10:08	72.5	63.0	
24-Nov-23	Sunny	10:13	69.8	59.3	
24-Nov-23	Sunny	10:18	71.8	57.1	
24-Nov-23	Sunny	10:23	65.9	54.5	
30-Nov-23	Overcast	15:45	58.9	49.6	67
30-Nov-23	Overcast	15:50	67.3	49.9	
30-Nov-23	Overcast	15:55	68.2	50.7	
30-Nov-23	Overcast	16:00	61.2	49.4	
30-Nov-23	Overcast	16:05	72.5	52.5	
30-Nov-23	Overcast	16:10	67.8	51.3	

Remarks:

(^) +3dB (A) correction in Leq(30mins) dB(A) was applied to free-field measurement.

(*) The measurement result was corrected with reference to the baseline monitoring levels.



Notes

1. Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.
2. Weather conditions during monitoring are presented in the data tables above.
3. QA/QC requirements as stipulated in the EM&A Manual were carried out during measurement.

Chinese White Dolphin Monitoring Results

CWD Small Vessel Line-transect Survey

Survey Effort Data

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE	P/S
06-Sep-23	NEL	1	2.34	AUTUMN	32166	3RS ET	P
06-Sep-23	NEL	2	34.54	AUTUMN	32166	3RS ET	P
06-Sep-23	NEL	1	0.67	AUTUMN	32166	3RS ET	S
06-Sep-23	NEL	2	9.25	AUTUMN	32166	3RS ET	S
13-Sep-23	SWL	3	55.03	AUTUMN	32166	3RS ET	P
13-Sep-23	SWL	3	14.57	AUTUMN	32166	3RS ET	S
15-Sep-23	NEL	2	13.6	AUTUMN	32166	3RS ET	P
15-Sep-23	NEL	3	23.82	AUTUMN	32166	3RS ET	P
15-Sep-23	NEL	2	5.98	AUTUMN	32166	3RS ET	S
15-Sep-23	NEL	3	4.2	AUTUMN	32166	3RS ET	S
18-Sep-23	SWL	2	17.1	AUTUMN	32166	3RS ET	P
18-Sep-23	SWL	3	36.7	AUTUMN	32166	3RS ET	P
18-Sep-23	SWL	2	2.74	AUTUMN	32166	3RS ET	S
18-Sep-23	SWL	3	13	AUTUMN	32166	3RS ET	S
20-Sep-23	WL	1	9.19	AUTUMN	32166	3RS ET	P
20-Sep-23	WL	2	7.4	AUTUMN	32166	3RS ET	P
20-Sep-23	WL	3	1.904	AUTUMN	32166	3RS ET	P
20-Sep-23	WL	1	4.95	AUTUMN	32166	3RS ET	S
20-Sep-23	WL	2	4.11	AUTUMN	32166	3RS ET	S
20-Sep-23	WL	3	2.186	AUTUMN	32166	3RS ET	S
20-Sep-23	AW	1	4.63	AUTUMN	32166	3RS ET	P
21-Sep-23	AW	2	4.56	AUTUMN	32166	3RS ET	P
21-Sep-23	WL	1	3.93	AUTUMN	32166	3RS ET	P
21-Sep-23	WL	2	12.869	AUTUMN	32166	3RS ET	P
21-Sep-23	WL	2	11.546	AUTUMN	32166	3RS ET	S
22-Sep-23	NWL	2	63.9	AUTUMN	32166	3RS ET	P
22-Sep-23	NWL	2	12	AUTUMN	32166	3RS ET	S
25-Sep-23	NWL	2	1.62	AUTUMN	32166	3RS ET	P
25-Sep-23	NWL	3	43.48	AUTUMN	32166	3RS ET	P
25-Sep-23	NWL	4	18.2	AUTUMN	32166	3RS ET	P
25-Sep-23	NWL	3	8.9	AUTUMN	32166	3RS ET	S
25-Sep-23	NWL	4	3.2	AUTUMN	32166	3RS ET	S
06-Oct-23	NEL	2	26.24	AUTUMN	32166	3RS ET	P
06-Oct-23	NEL	3	10.33	AUTUMN	32166	3RS ET	P
06-Oct-23	NEL	4	0.77	AUTUMN	32166	3RS ET	P
06-Oct-23	NEL	2	6.37	AUTUMN	32166	3RS ET	S
06-Oct-23	NEL	3	4.39	AUTUMN	32166	3RS ET	S
12-Oct-23	NWL	2	11.4	AUTUMN	32166	3RS ET	P
12-Oct-23	NWL	3	52.8	AUTUMN	32166	3RS ET	P
12-Oct-23	NWL	2	4.3	AUTUMN	32166	3RS ET	S
12-Oct-23	NWL	3	7.3	AUTUMN	32166	3RS ET	S
13-Oct-23	AW	2	1.7	AUTUMN	32166	3RS ET	P
13-Oct-23	AW	3	3.03	AUTUMN	32166	3RS ET	P
13-Oct-23	WL	2	11.126	AUTUMN	32166	3RS ET	P
13-Oct-23	WL	3	7.776	AUTUMN	32166	3RS ET	P
13-Oct-23	WL	2	4.944	AUTUMN	32166	3RS ET	S
13-Oct-23	WL	3	5.384	AUTUMN	32166	3RS ET	S
16-Oct-23	NWL	3	63.8	AUTUMN	32166	3RS ET	P
16-Oct-23	NWL	3	11.8	AUTUMN	32166	3RS ET	S
17-Oct-23	NEL	2	1.7	AUTUMN	32166	3RS ET	P
17-Oct-23	NEL	3	33.64	AUTUMN	32166	3RS ET	P
17-Oct-23	NEL	2	4.5	AUTUMN	32166	3RS ET	S

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE	P/S
17-Oct-23	NEL	3	7.26	AUTUMN	32166	3RS ET	S
20-Oct-23	AW	3	4.52	AUTUMN	32166	3RS ET	P
20-Oct-23	WL	2	4.763	AUTUMN	32166	3RS ET	P
20-Oct-23	WL	3	15.33	AUTUMN	32166	3RS ET	P
20-Oct-23	WL	2	2.967	AUTUMN	32166	3RS ET	S
20-Oct-23	WL	3	7.67	AUTUMN	32166	3RS ET	S
26-Oct-23	SWL	3	53.33	AUTUMN	32166	3RS ET	P
26-Oct-23	SWL	4	1.1	AUTUMN	32166	3RS ET	P
26-Oct-23	SWL	3	14.97	AUTUMN	32166	3RS ET	S
26-Oct-23	SWL	4	0.9	AUTUMN	32166	3RS ET	S
27-Oct-23	SWL	2	8.81	AUTUMN	32166	3RS ET	P
27-Oct-23	SWL	3	45.261	AUTUMN	32166	3RS ET	P
27-Oct-23	SWL	2	3.59	AUTUMN	32166	3RS ET	S
27-Oct-23	SWL	3	12.389	AUTUMN	32166	3RS ET	S
06-Nov-23	SWL	2	35.185	AUTUMN	32166	3RS ET	P
06-Nov-23	SWL	3	16.77	AUTUMN	32166	3RS ET	P
06-Nov-23	SWL	2	12.371	AUTUMN	32166	3RS ET	S
06-Nov-23	SWL	3	3.57	AUTUMN	32166	3RS ET	S
07-Nov-23	NEL	2	12.86	AUTUMN	32166	3RS ET	P
07-Nov-23	NEL	3	18.4	AUTUMN	32166	3RS ET	P
07-Nov-23	NEL	1	5	AUTUMN	32166	3RS ET	P
07-Nov-23	NEL	2	7.64	AUTUMN	32166	3RS ET	S
07-Nov-23	NEL	3	1.1	AUTUMN	32166	3RS ET	S
07-Nov-23	NEL	1	1.7	AUTUMN	32166	3RS ET	S
09-Nov-23	NWL	2	0.9	AUTUMN	32166	3RS ET	P
09-Nov-23	NWL	3	59.3	AUTUMN	32166	3RS ET	P
09-Nov-23	NWL	3	10.2	AUTUMN	32166	3RS ET	S
09-Nov-23	NWL	4	3.5	AUTUMN	32166	3RS ET	P
09-Nov-23	NWL	4	1	AUTUMN	32166	3RS ET	S
13-Nov-23	AW	3	6.49	AUTUMN	32166	3RS ET	P
13-Nov-23	WL	3	9.799	AUTUMN	32166	3RS ET	P
13-Nov-23	WL	3	8.121	AUTUMN	32166	3RS ET	S
13-Nov-23	WL	4	9.56	AUTUMN	32166	3RS ET	P
13-Nov-23	WL	4	2.89	AUTUMN	32166	3RS ET	S
14-Nov-23	NWL	2	22.6	AUTUMN	32166	3RS ET	P
14-Nov-23	NWL	3	41	AUTUMN	32166	3RS ET	P
14-Nov-23	NWL	3	6	AUTUMN	32166	3RS ET	S
14-Nov-23	NWL	2	5.8	AUTUMN	32166	3RS ET	S
15-Nov-23	AW	2	1.34	AUTUMN	32166	3RS ET	P
15-Nov-23	AW	3	2.96	AUTUMN	32166	3RS ET	P
15-Nov-23	WL	2	0.25	AUTUMN	32166	3RS ET	P
15-Nov-23	WL	3	18.362	AUTUMN	32166	3RS ET	P
15-Nov-23	WL	2	1.13	AUTUMN	32166	3RS ET	S
15-Nov-23	WL	3	8.41	AUTUMN	32166	3RS ET	S
16-Nov-23	NEL	4	3.6	AUTUMN	32166	3RS ET	P
16-Nov-23	NEL	2	6.91	AUTUMN	32166	3RS ET	P
16-Nov-23	NEL	3	26.11	AUTUMN	32166	3RS ET	P
16-Nov-23	NEL	2	2.96	AUTUMN	32166	3RS ET	S
16-Nov-23	NEL	3	7.02	AUTUMN	32166	3RS ET	S
20-Nov-23	SWL	2	36.96	AUTUMN	32166	3RS ET	P
20-Nov-23	SWL	3	15.97	AUTUMN	32166	3RS ET	P
20-Nov-23	SWL	2	13.26	AUTUMN	32166	3RS ET	S
20-Nov-23	SWL	3	3.3	AUTUMN	32166	3RS ET	S

Notes: CWD monitoring survey data of the two preceding survey months are presented for reference only.

CWD Small Vessel Line-transect Survey

Sighting Data

DATE	STG #	TIME	CWD/FP	GP SZ	AREA	BEAU	PSD	EFFORT	TYPE	DEC LAT	DEC LON	SEASON	BOAT ASSOC.	P/S
13-Sep-23	1	1227	CWD	6	SWL	3	19	ON	3RS ET	22.188770	113.90627	AUTUMN	NONE	P
18-Sep-23	1	1029	FP	2	SWL	2	365	ON	3RS ET	22.197349	113.93566	AUTUMN	NONE	P
18-Sep-23	2	1037	FP	3	SWL	2	55	ON	3RS ET	22.184478	113.93564	AUTUMN	NONE	P
18-Sep-23	3	1053	FP	6	SWL	2	198	ON	3RS ET	22.153702	113.93678	AUTUMN	NONE	P
20-Sep-23	1	1030	CWD	2	WL	1	234	ON	3RS ET	22.261023	113.85093	AUTUMN	NONE	P
20-Sep-23	2	1042	CWD	2	WL	1	265	ON	3RS ET	22.260349	113.84229	AUTUMN	NONE	P
20-Sep-23	3	1112	CWD	1	WL	1	290	ON	3RS ET	22.241103	113.84425	AUTUMN	NONE	P
20-Sep-23	4	1124	CWD	1	WL	1	236	ON	3RS ET	22.241593	113.83484	AUTUMN	NONE	P
21-Sep-23	1	1034	CWD	3	WL	2	138	ON	3RS ET	22.261205	113.84683	AUTUMN	NONE	P
21-Sep-23	2	1122	CWD	3	WL	2	297	ON	3RS ET	22.223088	113.83525	AUTUMN	NONE	P
21-Sep-23	3	1156	CWD	6	WL	2	77	ON	3RS ET	22.214777	113.82498	AUTUMN	NONE	P
21-Sep-23	4	1223	CWD	1	WL	2	163	ON	3RS ET	22.206057	113.82903	AUTUMN	NONE	P
21-Sep-23	5	1231	CWD	2	WL	2	41	ON	3RS ET	22.205669	113.82487	AUTUMN	NONE	P
21-Sep-23	6	1247	CWD	1	WL	2	22	ON	3RS ET	22.196451	113.83561	AUTUMN	NONE	P
21-Sep-23	7	1254	CWD	3	WL	2	913	ON	3RS ET	22.193651	113.84263	AUTUMN	NONE	S
21-Sep-23	8	1319	CWD	1	WL	2	634	ON	3RS ET	22.187905	113.83346	AUTUMN	NONE	P
13-Oct-23	1	1028	CWD	2	WL	2	243	ON	3RS ET	22.260779	113.853468	AUTUMN	NONE	S
13-Oct-23	2	1043	CWD	2	WL	2	34	ON	3RS ET	22.260956	113.840829	AUTUMN	NONE	P
13-Oct-23	3	1058	CWD	1	WL	3	91	ON	3RS ET	22.250437	113.841275	AUTUMN	GILLNETTER	P
13-Oct-23	4	1117	CWD	9	WL	2	126	ON	3RS ET	22.241167	113.841706	AUTUMN	NONE	P
13-Oct-23	5	1149	CWD	3	WL	2	139	ON	3RS ET	22.241672	113.829845	AUTUMN	NONE	P
20-Oct-23	1	1149	CWD	2	WL	2	15	ON	3RS ET	22.196308	113.834539	AUTUMN	NONE	P
27-Oct-23	1	1202	FP	2	SWL	3	45	ON	3RS ET	22.151171	113.908504	AUTUMN	NONE	P
27-Oct-23	2	1216	CWD	1	SWL	2	128	ON	3RS ET	22.168029	113.906685	AUTUMN	NONE	S
06-Nov-23	1	1038	FP	6	SWL	2	144	ON	3RS ET	22.179714	113.936292	AUTUMN	NONE	P
06-Nov-23	2	1041	FP	4	SWL	2	55	ON	3RS ET	22.174271	113.936089	AUTUMN	NONE	P
06-Nov-23	3	1050	FP	3	SWL	2	442	ON	3RS ET	22.159022	113.936224	AUTUMN	NONE	P
06-Nov-23	4	1058	FP	1	SWL	2	52	ON	3RS ET	22.145772	113.931080	AUTUMN	NONE	S
06-Nov-23	5	1102	FP	5	SWL	2	113	ON	3RS ET	22.147034	113.927694	AUTUMN	NONE	P
06-Nov-23	6	1114	FP	2	SWL	2	40	ON	3RS ET	22.168425	113.927825	AUTUMN	NONE	P
06-Nov-23	7	1435	CWD	5	SWL	2	160	ON	3RS ET	22.199740	113.860026	AUTUMN	NONE	S
06-Nov-23	8	1509	CWD	15	SWL	3	398	ON	3RS ET	22.185090	113.849075	AUTUMN	NONE	P

DATE	STG #	TIME	CWD/FP	GP SZ	AREA	BEAU	PSD	EFFORT	TYPE	DEC LAT	DEC LON	SEASON	BOAT ASSOC.	P/S
13-Nov-23	1	1121	CWD	8	WL	3	32	ON	3RS ET	22.223555	113.836856	AUTUMN	NONE	S
13-Nov-23	2	1204	CWD	5	WL	3	4	ON	3RS ET	22.214224	113.831569	AUTUMN	NONE	P
15-Nov-23	1	0939	CWD	3	AW	2	463	ON	3RS ET	22.293376	113.877038	AUTUMN	NONE	P
15-Nov-23	2	1022	CWD	1	WL	3	247	ON	3RS ET	22.284568	113.861728	AUTUMN	NONE	P
15-Nov-23	3	1102	CWD	1	WL	3	208	ON	3RS ET	22.260917	113.845227	AUTUMN	NONE	P
15-Nov-23	4	1131	CWD	3	WL	3	449	ON	3RS ET	22.242099	113.836970	AUTUMN	NONE	P
15-Nov-23	5	1205	CWD	3	WL	3	190	ON	3RS ET	22.224754	113.837304	AUTUMN	NONE	S
15-Nov-23	6	1213	CWD	2	WL	3	470	ON	3RS ET	22.223496	113.823713	AUTUMN	NONE	P
15-Nov-23	7	1220	CWD	2	WL	3	650	ON	3RS ET	22.215539	113.819722	AUTUMN	SHRIMP TRAWLER	S
20-Nov-23	1	1042	FP	2	SWL	3	180	ON	3RS ET	22.173928	113.935982	AUTUMN	NONE	P
20-Nov-23	2	1104	FP	1	SWL	2	37	ON	3RS ET	22.158240	113.927296	AUTUMN	NONE	P
20-Nov-23	3	1115	FP	2	SWL	2	233	ON	3RS ET	22.180467	113.928151	AUTUMN	NONE	P
20-Nov-23	4	1156	FP	2	SWL	2	113	ON	3RS ET	22.146640	113.917842	AUTUMN	NONE	P

Abbreviations: STG# = Sighting Number; GP SZ = Group Size; BEAU = Beaufort Sea State; PSD = Perpendicular Distance (in metres); N/A = Not Applicable; DEC LAT = Latitude (WGS84 in Decimal), DEC LON = Longitude (WGS84 in Decimal); BOAT ASSOC. = Fishing Boat Association; P/S = Primary Transect / Secondary Transect

Notes:

CWD monitoring survey data of the two preceding survey months are presented for reference only. No relevant figure or text will be mentioned in this monthly EM&A report.

Sighting data of finless porpoise (FP) are presented for reference only. No relevant figure or text will be mentioned in the monthly EM&A report. All FP sightings are excluded in calculation.

Calculation of the encounter rates STG and ANI in the whole survey area (NEL, NWL, AW, WL, SWL):

A total of 429.75 km of survey effort was collected under Beaufort Sea State 3 or below with favourable visibility; total no. of 11 on-effort sightings and total number of 48 dolphins from on-effort sightings were collected under such condition. Calculation of the encounter rates in November 2023 are shown as below:

Encounter Rate by Number of Dolphin Sightings (STG) in November 2023

$$STG = \frac{11}{429.75} \times 100 = 2.56$$

Encounter Rate by Number of Dolphins (ANI) in November 2023

$$ANI = \frac{48}{429.75} \times 100 = 11.17$$

Calculation of the running quarterly STG and ANI in the whole survey area (NEL, NWL, AW, WL, SWL):

A total of 1313.85 km of survey effort was collected under Beaufort Sea State 3 or below with favourable visibility; total no. of 31 on-effort sightings and total number of 100 dolphins from on-effort sightings were collected under such condition. Calculation of the running quarterly encounter rates are shown as below:

Running Quarterly Encounter Rate by Number of Dolphin Sightings (STG)









$$STG = \frac{31}{1313.85} \times 100 = 2.36$$

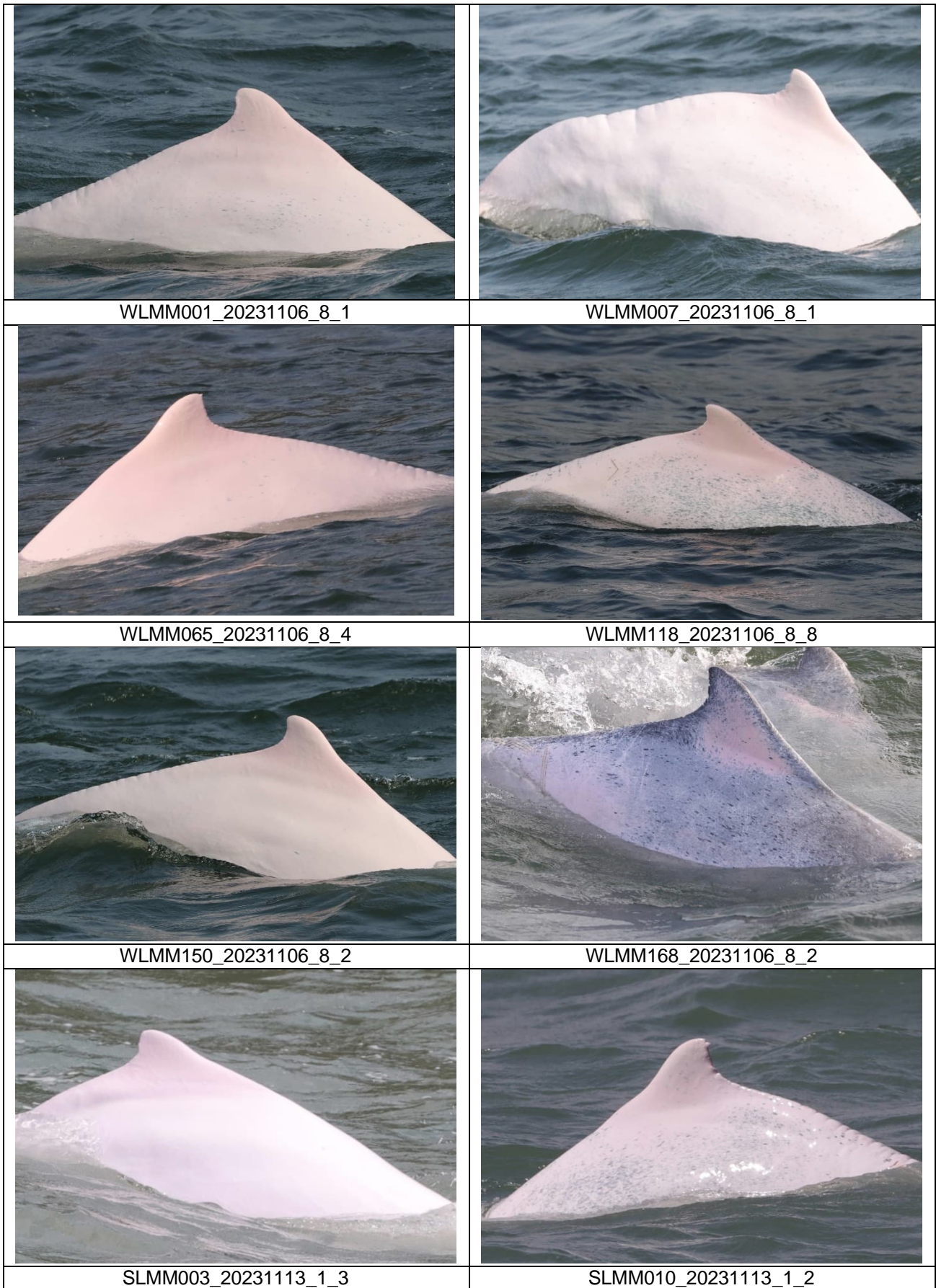
Running Quarterly Encounter Rate by Number of Dolphins (ANI)

$$ANI = \frac{100}{1313.85} \times 100 = 7.61$$

CWD Small Vessel Line-transect Survey

Photo Identification

	
SLMM034_20231106_7_7	SLMM055_20231106_7_1
	
WLMM056_20231106_7_3	WLMM065_20231106_7_2
	
NLMM023_20231106_8_9	NLMM058_20231106_8_6
	
SLMM003_20231106_8_9	SLMM034_20231106_8_3





SLMM044_20231113_1_1



WLMM003_20231113_1_6



WLMM007_20231113_1_3



WLMM056_20231113_1_10



SLMM003_20231113_2_5






WLMM079_20231113_2_4



WLMM071_20231115_1_1



WLMM193_20231115_1_4

	
<p>NLMM001_20231115_2_4</p>	<p>SLMM022_20231115_5_3</p>
	
<p>SLMM070_20231115_5_4</p>	

CWD Land-based Theodolite Tracking Survey

CWD Groups by Survey Date

Date	Station	Start Time	End Time	Duration	Beaufort Range	Visibility	No. of Focal Follow Dolphin Groups Tracked	Dolphin Group Size Range
13/Nov/23	Lung Kwu Chau	8:55	14:55	6:00	3	2	0	0
16/Nov/23	Sha Chau	10:42	16:42	6:00	3	2-3	0	0

Visibility: 1=Excellent, 2=Good, 3=Fair, 4=Poor