Air Quality Monitoring Results

1-hour TSP Monitoring Result for

Contract No. SPW 02/2023

Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1

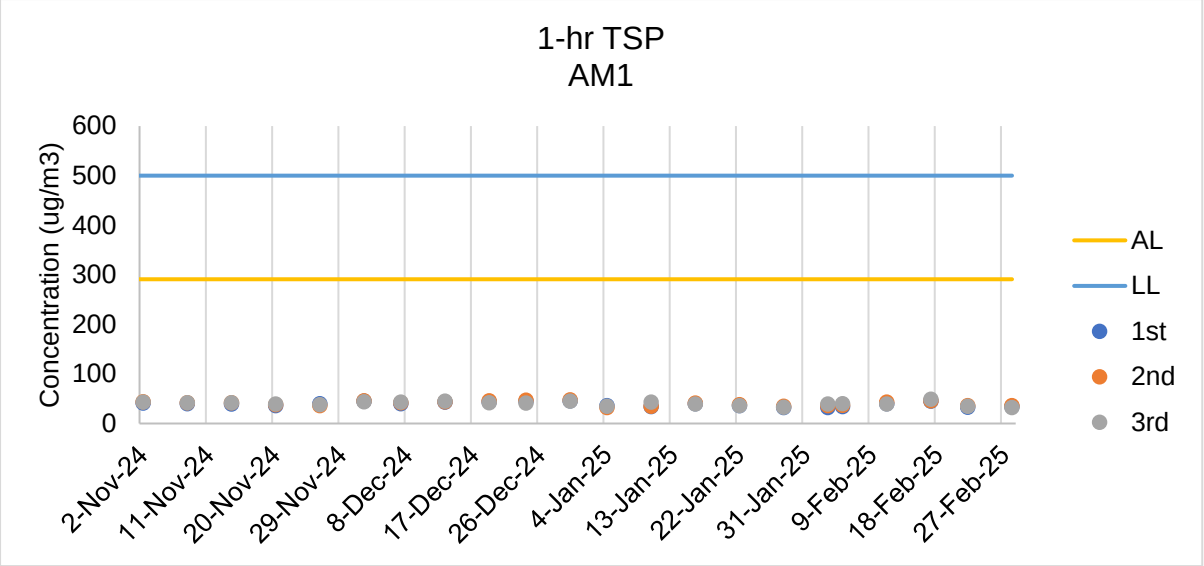
AM1 - Topfine Machinery (China) Co. Ltd.

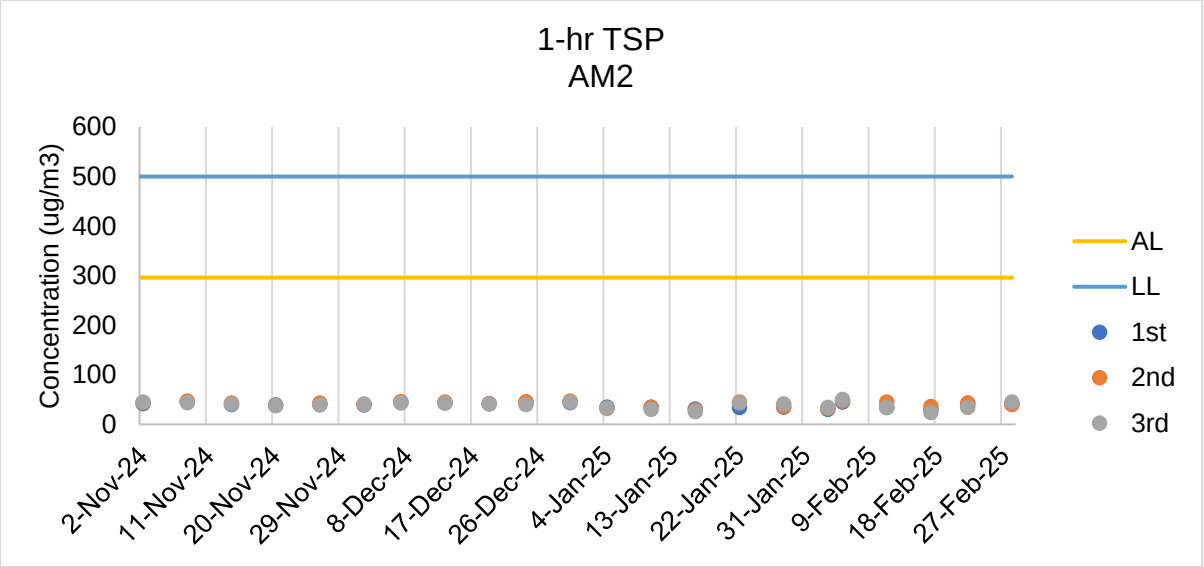
Date	Weather Condition	Start Time	1-hour TSP (µg/m³) 1st Measurement	2nd Measurement	3rd Measurement	Action Level (ug/m^3)	Limit Level (ug/m^3)
3/2/2025	Fine	8:10	32	36	39	291	500
5/2/2025	Fine	8:45	34	37	40		
11/2/2025	Fine	8:22	40	43	39		
17/2/2025	Fine	8:12	45	46	49		
22/2/2025	Fine	8:24	33	36	35		
28/2/2025	Fine	8:21	34	36	32		
		Min	32				
		Max	49				
		Average	38				

AM2 - Squatter house at the west of Yuen Long STW

Date	Weather Condition	Start Time	1-hour TSP (µg/m³) 1st Measurement	2nd Measurement	3rd Measurement	Action Level (ug/m^3)	Limit Level (ug/m^3)
3/2/2025	Fine	13:21	30	32	34	296	500
5/2/2025	Fine	13:18	45	47	50		
11/2/2025	Fine	13:10	34	45	34		
17/2/2025	Fine	13:25	28	36	24		
22/2/2025	Fine	13:34	40	43	34		
28/2/2025	Fine	13:21	41	40	45		
		Min	24				
		Max	50				
		Average	38				

Note:
Underline: Exceedance of Action Level
Underline and Bold: Exceedance of Limit Level





Air Quality Monitoring Results

Noise Monitoring Results

Noise Impact Monitoring Result for
Contract No. SPW 02/2023
Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1

CM1 - Squatter house to the north of YLSTW

Date	Start Time	L_{eq} 30min dB(A)	L_{10} dB(A)	L_{90} dB(A)	Wind Speed (m/s)	Weather	Limit Level dB(A)
3/2/2025	9:49	59.1	60.2	56.2	2.2	sunny	75
11/2/2025	9:58	61.2	62.3	57.3	0.0	sunny	75
17/2/2025	9:53	58.3	60.4	57.6	1.9	sunny	75
28/2/2025	10:01	61.2	63.0	58.1	0.2	sunny	75
	Max	61.2					
	Min	58.3					

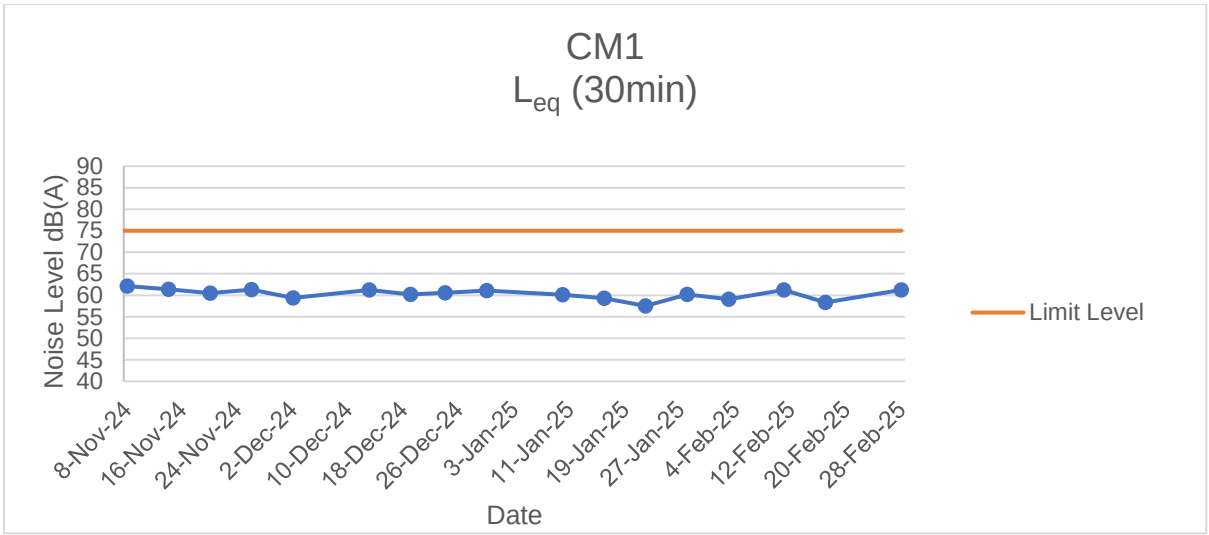
CM2 - Squatter house to the west of YLSTW

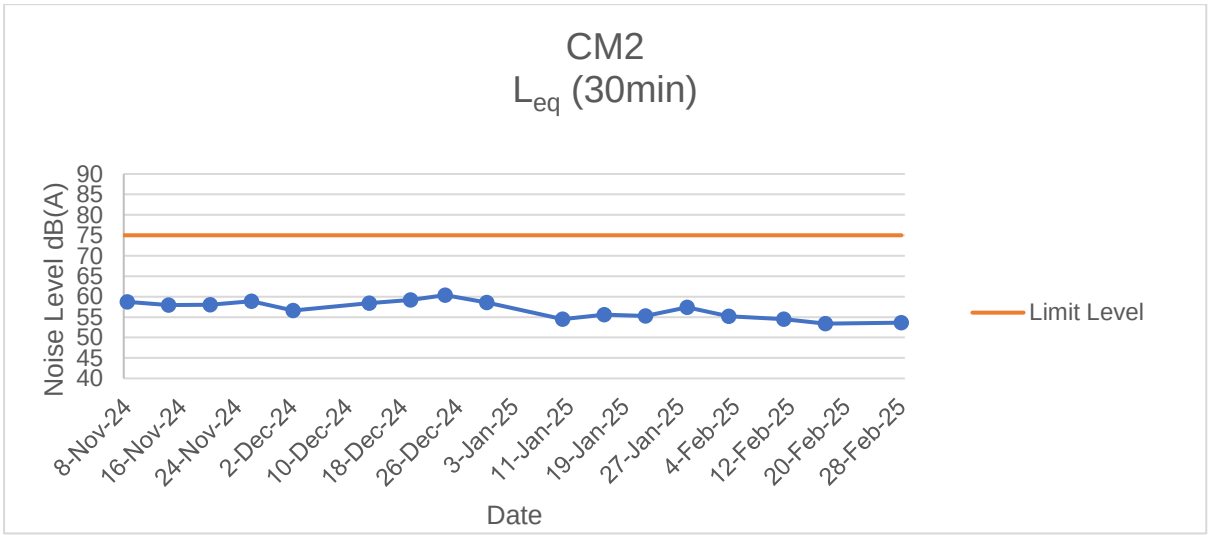
Date	Start Time	L_{eq} 30min dB(A)	L_{10} dB(A)	L_{90} dB(A)	Wind Speed (m/s)	Weather	Limit Level dB(A)
3/2/2025	13:20	55.2	56.8	54.3	0.8	sunny	75
11/2/2025	13:09	54.5	55.6	52.3	0.2	sunny	75
17/2/2025	13:26	53.4	54.6	52.1	0.3	sunny	75
28/2/2025	13:22	53.6	55.2	52.7	1.4	sunny	75
	Max	55.2					
	Min	53.4					

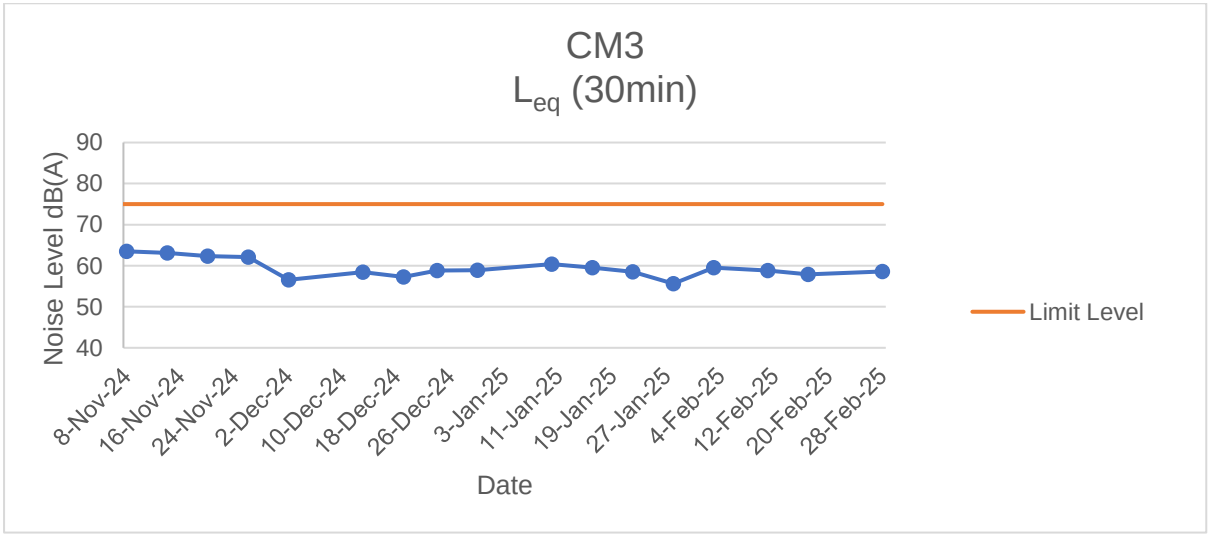
CM3 - Squatter house to the east of YLSTW

Date	Start Time	L_{eq} 30min dB(A)	L_{10} dB(A)	L_{90} dB(A)	Wind Speed (m/s)	Weather	Limit Level dB(A)
3/2/2025	8:33	59.5	60.2	57.2	1.6	sunny	75
11/2/2025	8:42	58.8	59.4	57.2	0.3	sunny	75
17/2/2025	8:36	57.9	58.9	57.1	1.1	sunny	75
28/2/2025	8:43	58.6	60.2	58.1	0.2	sunny	75
	Max	59.5					
	Min	57.9					

Note:
CM1, CM2 and CM3: Free-field measurement (+3dB(A) correction has been applied).
No raining or wind with speed over 5 m/s was observed during noise monitoring according to the onsite observation.







Noise Monitoring Results

Water Quality Monitoring Results

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	1/2/2025	Mid-Flood	Sunny	Low	15:35	2.6	M	1.30	1	0.086	190.581	7.18	7.18	2.82	2.78	22.8	22.80	36.2	36.90	2.72	2.78	21.10	21.27	2.5	3
M1	1/2/2025	Mid-Flood	Sunny	Low	15:35	2.6	M	1.30	2			7.18		2.74		22.8		37.6		2.83		21.44		2.5	
M2	1/2/2025	Mid-Flood	Sunny	Low	16:01	2.3	M	1.15	1	0.094	179.228	7.11	7.11	2.78	2.80	22.8	22.85	37.0	36.05	2.78	2.71	21.96	21.915	2.5	3
M2	1/2/2025	Mid-Flood	Sunny	Low	16:01	2.3	M	1.15	2			7.1		2.81		22.9		35.1		2.64		21.87		2.5	
M3	1/2/2025	Mid-Flood	Sunny	Low	16:18	2.1	M	1.05	1	0.089	182.591	7.15	7.16	3.26	3.27	22.8	22.85	50.4	50.80	3.79	3.82	30.89	30.945	2.5	3
M3	1/2/2025	Mid-Flood	Sunny	Low	16:18	2.1	M	1.05	2			7.16		3.28		22.9		51.2		3.85		31		2.5	
M1	1/2/2025	Mid-Ebb	Sunny	Low	10:33	2.5	M	1.25	1	0.062	327.37	7.11	7.11	2.61	2.57	23.0	23.00	35.2	34.95	2.65	2.63	19.91	20.07	2.5	3
M1	1/2/2025	Mid-Ebb	Sunny	Low	10:33	2.5	M	1.25	2			7.11		2.53		23.0		34.7		2.61		20.23		2.5	
M2	1/2/2025	Mid-Ebb	Sunny	Low	10:01	2.2	M	1.10	1	0.06	321.395	7.19	7.18	2.71	2.75	23.0	23.05	36.4	35.70	2.74	2.69	19.31	19.44	2.5	3
M2	1/2/2025	Mid-Ebb	Sunny	Low	10:02	2.2	M	1.10	2			7.17		2.78		23.1		35.0		2.63		19.57		2.5	
M3	1/2/2025	Mid-Ebb	Sunny	Low	10:48	2	M	1.00	1	0.069	340.461	7.2	7.20	3.31	3.35	23.0	23.00	50.4	50.60	3.79	3.81	29.47	29.43	2.5	3
M3	1/2/2025	Mid-Ebb	Sunny	Low	10:48	2	M	1.00	2			7.19		3.38		23.0		50.8		3.82		29.39		2.5	

Remark

1. Orange and Bold: Action Level Exceedance (For Impact Station Only)
2. Red and Bold: Limit Level Exceedance (For Impact Station Only)
3. Action Level for Turbidity: 95%-ile of baseline data or 120% of upstream control station's turbidity recorded on the same day.
4. Limit Level for Turbidity: 99%-ile of baseline data or 130% of upstream control station's turbidity recorded on the same day.
5. Action Level for SS: 95%-ile of baseline data or 120% of upstream control station's SS recorded on the same day.
6. Limit Level for SS: 99%-ile of baseline data or 130% of upstream control station's SS recorded on the same day.

For Flood Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M2(Impact Station)	1.88	1.79	43.0	52.4	81	112
M3(Impact Station)	3.28	3.14	74	78	104	167

For Ebb Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M1(Impact Station)	2.25	1.91	48.4	50.4	59	68

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	4/2/2025	Mid-Flood	Sunny	Low	17:26	2.7	M	1.35	1	0.094	165.349	7.16	7.17	3.11	3.13	22.4	22.45	37.1	37.10	2.79	2.79	22.80	22.97	2.5	3
M1	4/2/2025	Mid-Flood	Sunny	Low	17:26	2.7	M	1.35	2			7.18		3.14		22.5		37.1		2.79		23.14		2.5	
M2	4/2/2025	Mid-Flood	Sunny	Low	17:55	2.3	M	1.15	1	0.073	183.397	7.13	7.12	3.22	3.21	22.4	22.45	37.4	36.60	2.81	2.75	23.64	23.71	2.5	3
M2	4/2/2025	Mid-Flood	Sunny	Low	17:56	2.3	M	1.15	2			7.11		3.2		22.5		35.8		2.69		23.78		2.5	
M3	4/2/2025	Mid-Flood	Sunny	Low	18:05	2.1	M	1.05	1	0.087	173.941	7.19	7.18	3.46	3.48	22.4	22.45	51.2	51.95	3.85	3.91	30.89	30.84	2.5	3
M3	4/2/2025	Mid-Flood	Sunny	Low	18:05	2.1	M	1.05	2			7.17		3.49		22.5		52.7		3.96		30.79		2.5	
M1	4/2/2025	Mid-Ebb	Sunny	Low	11:36	2.6	M	1.30	1	0.072	308.639	7.18	7.18	2.89	2.90	22.7	22.70	35.1	35.35	2.64	2.66	20.51	20.645	2.5	3
M1	4/2/2025	Mid-Ebb	Sunny	Low	11:36	2.6	M	1.30	2			7.17		2.91		22.7		35.6		2.68		20.78		2.5	
M2	4/2/2025	Mid-Ebb	Sunny	Low	11:08	2.1	M	1.05	1	0.061	316.667	7.16	7.16	2.85	2.85	22.7	22.70	39.4	39.45	2.96	2.97	20.28	20.29	2.5	3
M2	4/2/2025	Mid-Ebb	Sunny	Low	11:08	2.1	M	1.05	2			7.16		2.84		22.7		39.5		2.97		20.3		2.5	
M3	4/2/2025	Mid-Ebb	Sunny	Low	11:49	1.9	M	0.95	1	0.077	335.37	7.19	7.18	3.55	3.57	22.7	22.75	49.6	50.25	3.73	3.78	29.52	29.575	2.5	3
M3	4/2/2025	Mid-Ebb	Sunny	Low	11:49	1.9	M	0.95	2			7.17		3.59		22.8		50.9		3.83		29.63		2.5	

Remark

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4. Limit Level for Turbidity: 99%-ile of baseline data or 130% of upstream control station's turbidity recorded on the same day.
5. Action Level for SS: 95%-ile of baseline data or 120% of upstream control station's SS recorded on the same day.
6. Limit Level for SS: 99%-ile of baseline data or 130% of upstream control station's SS recorded on the same day.

For Flood Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M2(Impact Station)	1.88	1.79	43.0	52.4	81	112
M3(Impact Station)	3.28	3.14	74	78	104	167

For Ebb Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M1(Impact Station)	2.25	1.91	48.4	50.4	59	68

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	6/2/2025	Mid-Flood	Sunny	Low	8:28	2.6	M	1.30	1	0.088	164.735	7.2	7.20	2.71	2.73	21.9	21.95	36.6	37.05	2.75	2.79	23.74	23.765	23	27
M1	6/2/2025	Mid-Flood	Sunny	Low	8:28	2.6	M	1.30	2			7.2		2.75		22		37.5		2.82		23.79		31	
M2	6/2/2025	Mid-Flood	Sunny	Low	9:03	2.3	M	1.15	1	0.092	181.313	7.18	7.17	2.88	2.85	21.9	21.90	35.5	35.45	2.67	2.67	24.91	24.83	16	21
M2	6/2/2025	Mid-Flood	Sunny	Low	9:03	2.3	M	1.15	2			7.16		2.82		21.9		35.4		2.66		24.75		25	
M3	6/2/2025	Mid-Flood	Sunny	Low	9:11	2.1	M	1.05	1	0.095	165.235	7.21	7.21	3.20	3.24	21.9	21.95	49.7	50.20	3.74	3.78	31.73	31.725	20	19
M3	6/2/2025	Mid-Flood	Sunny	Low	9:11	2.1	M	1.05	2			7.2		3.28		22		50.7		3.81		31.72		18	
M1	6/2/2025	Mid-Ebb	Sunny	Low	12:49	2.5	M	1.25	1	0.071	329.782	7.18	7.19	2.61	2.57	22.1	22.15	35.8	34.85	2.69	2.62	22.87	23.045	23	22
M1	6/2/2025	Mid-Ebb	Sunny	Low	12:49	2.5	M	1.25	2			7.2		2.52		22.2		33.9		2.55		23.22		20	
M2	6/2/2025	Mid-Ebb	Sunny	Low	12:17	2.2	M	1.10	1	0.066	303.573	7.17	7.18	2.61	2.60	22.1	22.15	37.5	37.55	2.82	2.82	24.43	24.455	22	22
M2	6/2/2025	Mid-Ebb	Sunny	Low	12:17	2.2	M	1.10	2			7.18		2.59		22.2		37.6		2.82		24.48		22	
M3	6/2/2025	Mid-Ebb	Sunny	Low	13:00	2	M	1.00	1	0.07	303.098	7.24	7.24	3.33	3.29	22.1	22.15	50.7	49.75	3.81	3.74	35.51	35.385	22	24
M3	6/2/2025	Mid-Ebb	Sunny	Low	13:00	2	M	1.00	2			7.23		3.24		22.2		48.8		3.67		35.26		25	

Remark

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4. Limit Level for Turbidity: 99%-ile of baseline data or 130% of upstream control station's turbidity recorded on the same day.
5. Action Level for SS: 95%-ile of baseline data or 120% of upstream control station's SS recorded on the same day.
6. Limit Level for SS: 99%-ile of baseline data or 130% of upstream control station's SS recorded on the same day.

For Flood Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M2(Impact Station)	1.88	1.79	43.0	52.4	81	112
M3(Impact Station)	3.28	3.14	74	78	104	167

For Ebb Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M1(Impact Station)	2.25	1.91	48.4	50.4	59	68

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement														Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	8/2/2025	Mid-Flood	Sunny	Low	18:35	2.4	M	1.20	1	0.086	161.523	7.18	7.17	2.85	2.88	23.0	23.05	34.8	33.90	2.62	2.55	21.15	21.03	35	33
M1	8/2/2025	Mid-Flood	Sunny	Low	18:35	2.4	M	1.20	2			7.16		2.91		23.1		33.0		2.48		20.91		31	
M2	8/2/2025	Mid-Flood	Sunny	Low	18:59	2.2	M	1.10	1	0.095	169.561	7.17	7.17	2.79	2.79	23.0	23.05	37.5	37.25	2.82	2.80	21.94	22.025	28	28
M2	8/2/2025	Mid-Flood	Sunny	Low	18:59	2.2	M	1.10	2			7.17		2.79		23.1		37.0		2.78		22.11		28	
M3	8/2/2025	Mid-Flood	Sunny	Low	17:05	2	M	1.00	1	0.093	164.815	7.14	7.14	3.30	3.30	23.0	23.00	49.2	48.35	3.7	3.64	30.74	30.665	22	25
M3	8/2/2025	Mid-Flood	Sunny	Low	17:05	2	M	1.00	2			7.14		3.29		23		47.5		3.57		30.59		27	
M1	8/2/2025	Mid-Ebb	Sunny	Low	10:18	2.5	M	1.25	1	0.078	323.387	7.11	7.11	2.72	2.76	22.7	22.70	34.8	34.95	2.62	2.63	19.94	19.8	22	23
M1	8/2/2025	Mid-Ebb	Sunny	Low	10:18	2.5	M	1.25	2			7.1		2.79		22.7		35.1		2.64		19.66		24	
M2	8/2/2025	Mid-Ebb	Sunny	Low	9:45	2.2	M	1.10	1	0.063	317.556	7.15	7.15	2.70	2.74	22.7	22.70	36.2	35.85	2.72	2.70	19.30	19.175	25	24
M2	8/2/2025	Mid-Ebb	Sunny	Low	9:45	2.2	M	1.10	2			7.15		2.78		22.7		35.5		2.67		19.05		22	
M3	8/2/2025	Mid-Ebb	Sunny	Low	10:26	2	M	1.00	1	0.071	339.343	7.15	7.16	3.39	3.42	22.7	22.70	48.1	48.50	3.62	3.65	29.38	29.275	31	32
M3	8/2/2025	Mid-Ebb	Sunny	Low	10:26	2	M	1.00	2			7.16		3.45		22.7		48.9		3.68		29.17		32	

Remark

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6. Limit Level for SS: 99%-ile of baseline data or 130% of upstream control station's SS recorded on the same day.

For Flood Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M2(Impact Station)	1.88	1.79	43.0	52.4	81	112
M3(Impact Station)	3.28	3.14	74	78	104	167

For Ebb Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M1(Impact Station)	2.25	1.91	48.4	50.4	59	68

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement														Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	11/2/2025	Mid-Flood	Sunny	Low	12:57	2.4	M	1.20	1	0.076	176.63	7.12	7.13	2.86	2.82	21.4	21.40	37.8	38.40	2.84	2.89	20.76	20.87	30	31
M1	11/2/2025	Mid-Flood	Sunny	Low	12:57	2.4	M	1.20	2			7.14		2.78		21.4		39.0		2.93		20.98		32	
M2	11/2/2025	Mid-Flood	Sunny	Low	13:33	2.1	M	1.05	1	0.077	182.697	7.2	7.21	2.82	2.83	21.4	21.40	36.8	36.80	2.77	2.77	21.92	21.995	32	29
M2	11/2/2025	Mid-Flood	Sunny	Low	13:33	2.1	M	1.05	2			7.21		2.84		21.4		36.8		2.77		22.07		25	
M3	11/2/2025	Mid-Flood	Sunny	Low	13:49	1.9	M	0.95	1	0.086	188.437	7.11	7.11	3.20	3.22	21.4	21.45	48.1	48.50	3.62	3.65	31.56	31.44	28	28
M3	11/2/2025	Mid-Flood	Sunny	Low	13:49	1.9	M	0.95	2			7.11		3.23		21.5		48.9		3.68		31.32		28	
M1	11/2/2025	Mid-Ebb	Sunny	Low	10:39	2.5	M	1.25	1	0.07	327.528	7.2	7.20	2.69	2.65	21.2	21.25	36.3	36.75	2.73	2.77	19.88	19.725	28	29
M1	11/2/2025	Mid-Ebb	Sunny	Low	10:40	2.5	M	1.25	2			7.19		2.61		21.3		37.2		2.8		19.57		29	
M2	11/2/2025	Mid-Ebb	Sunny	Low	10:04	2.3	M	1.15	1	0.064	305.18	7.11	7.11	2.71	2.69	21.2	21.20	38.2	38.20	2.87	2.87	18.86	19.025	22	22
M2	11/2/2025	Mid-Ebb	Sunny	Low	10:04	2.3	M	1.15	2			7.1		2.67		21.2		38.2		2.87		19.19		22	
M3	11/2/2025	Mid-Ebb	Sunny	Low	10:58	2	M	1.00	1	0.077	301.306	7.15	7.15	3.54	3.58	21.2	21.25	48.1	48.30	3.62	3.64	32.22	32.39	26	26
M3	11/2/2025	Mid-Ebb	Sunny	Low	10:58	2	M	1.00	2			7.15		3.62		21.3		48.5		3.65		32.56		26	

Remark

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5. Action Level for SS: 95%-ile of baseline data or 120% of upstream control station's SS recorded on the same day.
6. Limit Level for SS: 99%-ile of baseline data or 130% of upstream control station's SS recorded on the same day.

For Flood Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M2(Impact Station)	1.88	1.79	43.0	52.4	81	112
M3(Impact Station)	3.28	3.14	74	78	104	167

For Ebb Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M1(Impact Station)	2.25	1.91	48.4	50.4	59	68

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	13/2/2025	Mid-Flood	Sunny	Low	14:04	2.6	M	1.30	1	0.091	181.51	7.08	7.07	3.07	3.06	20.6	20.60	34.4	33.75	2.59	2.54	22.56	22.67	37	39
M1	13/2/2025	Mid-Flood	Sunny	Low	14:04	2.6	M	1.30	2			7.06		3.05		20.6		33.1		2.49		22.78		41	
M2	13/2/2025	Mid-Flood	Sunny	Low	14:41	2.3	M	1.15	1	0.079	170.62	7.11	7.11	3.05	3.07	20.6	20.65	35.2	34.60	2.65	2.60	22.84	22.91	43	43
M2	13/2/2025	Mid-Flood	Sunny	Low	14:41	2.3	M	1.15	2			7.11		3.09		20.7		34.0		2.55		22.98		43	
M3	13/2/2025	Mid-Flood	Sunny	Low	14:55	2.1	M	1.05	1	0.078	176.875	7.13	7.13	3.49	3.45	20.6	20.60	48.1	47.35	3.62	3.56	31.56	31.565	44	43
M3	13/2/2025	Mid-Flood	Sunny	Low	14:55	2.1	M	1.05	2			7.12		3.41		20.6		46.6		3.5		31.57		41	
M1	13/2/2025	Mid-Ebb	Sunny	Low	9:16	2.5	M	1.25	1	0.072	332.587	7.09	7.08	3.11	3.09	20.4	20.45	35.2	35.70	2.65	2.69	21.93	22.03	42	39
M1	13/2/2025	Mid-Ebb	Sunny	Low	9:17	2.5	M	1.25	2			7.07		3.07		20.5		36.2		2.72		22.13		35	
M2	13/2/2025	Mid-Ebb	Sunny	Low	8:47	2.2	M	1.10	1	0.058	306.828	7.12	7.11	3.16	3.17	20.4	20.40	34.4	34.75	2.59	2.62	21.27	21.27	36	37
M2	13/2/2025	Mid-Ebb	Sunny	Low	8:47	2.2	M	1.10	2			7.1		3.17		20.4		35.1		2.64		21.27		38	
M3	13/2/2025	Mid-Ebb	Sunny	Low	9:28	2	M	1.00	1	0.067	319.354	7.16	7.16	3.99	4.01	20.4	20.40	48.0	48.35	3.61	3.64	32.55	32.66	45	42
M3	13/2/2025	Mid-Ebb	Sunny	Low	9:28	2	M	1.00	2			7.15		4.03		20.4		48.7		3.66		32.77		38	

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For Flood Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M2(Impact Station)	1.88	1.79	43.0	52.4	81	112
M3(Impact Station)	3.28	3.14	74	78	104	167

For Ebb Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M1(Impact Station)	2.25	1.91	48.4	50.4	59	68

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	15/2/2025	Mid-Flood	Sunny	Low	15:02	2.7	M	1.35	1	0.09	174.739	7.17	7.17	2.85	2.82	21.4	21.40	35.6	35.75	2.68	2.69	24.57	24.57	37	38
M1	15/2/2025	Mid-Flood	Sunny	Low	15:02	2.7	M	1.35	2			7.17		2.78		21.4		35.9		2.7		24.57		38	
M2	15/2/2025	Mid-Flood	Sunny	Low	15:40	2.4	M	1.20	1	0.081	172.241	7.16	7.17	2.80	2.81	21.4	21.40	36.2	35.60	2.72	2.68	25.83	25.61	41	41
M2	15/2/2025	Mid-Flood	Sunny	Low	15:41	2.4	M	1.20	2			7.18		2.81		21.4		35.0		2.63		25.39		41	
M3	15/2/2025	Mid-Flood	Sunny	Low	15:58	2	M	1.00	1	0.079	162.05	7.12	7.13	3.22	3.21	21.4	21.45	50.9	50.80	3.83	3.82	34.43	34.555	41	41
M3	15/2/2025	Mid-Flood	Sunny	Low	15:58	2	M	1.00	2			7.13		3.2		21.5		50.7		3.81		34.68		40	
M1	15/2/2025	Mid-Ebb	Sunny	Low	9:55	2.5	M	1.25	1	0.062	335.107	7.11	7.10	2.69	2.73	21.5	21.50	36.0	36.50	2.71	2.75	23.38	23.345	40	37
M1	15/2/2025	Mid-Ebb	Sunny	Low	9:56	2.5	M	1.25	2			7.09		2.77		21.5		37.0		2.78		23.31		34	
M2	15/2/2025	Mid-Ebb	Sunny	Low	9:28	2.3	M	1.15	1	0.072	312.337	7.16	7.16	2.74	2.78	21.5	21.50	36.2	35.50	2.72	2.67	24.17	24.06	39	39
M2	15/2/2025	Mid-Ebb	Sunny	Low	9:29	2.3	M	1.15	2			7.16		2.81		21.5		34.8		2.62		23.95		38	
M3	15/2/2025	Mid-Ebb	Sunny	Low	10:11	2	M	1.00	1	0.059	327.058	7.12	7.12	3.30	3.28	21.5	21.50	50.7	50.40	3.81	3.79	34.21	34.055	42	42
M3	15/2/2025	Mid-Ebb	Sunny	Low	10:12	2	M	1.00	2			7.12		3.26		21.5		50.1		3.77		33.9		41	

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For Flood Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M2(Impact Station)	1.88	1.79	43.0	52.4	81	112
M3(Impact Station)	3.28	3.14	74	78	104	167

For Ebb Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M1(Impact Station)	2.25	1.91	48.4	50.4	59	68

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	18/2/2025	Mid-Flood	Sunny	Low	16:30	2.4	M	1.20	1	0.095	161.521	7.16	7.16	3.03	3.01	20.8	20.80	40.0	40.00	3.01	3.01	23.85	23.86	22	23
M1	18/2/2025	Mid-Flood	Sunny	Low	16:30	2.4	M	1.20	2			7.16		2.98		20.8		40.0		3.01		23.87		23	
M2	18/2/2025	Mid-Flood	Sunny	Low	16:57	2.1	M	1.05	1	0.074	163.875	7.17	7.18	3.14	3.12	20.8	20.80	42.0	42.35	3.16	3.19	24.11	24.035	26	27
M2	18/2/2025	Mid-Flood	Sunny	Low	16:57	2.1	M	1.05	2			7.19		3.09		20.8		42.7		3.21		23.96		28	
M3	18/2/2025	Mid-Flood	Sunny	Low	17:11	1.8	M	0.90	1	0.086	187.241	7.2	7.21	3.66	3.64	20.8	20.85	52.8	52.25	3.97	3.93	31.85	31.905	23	26
M3	18/2/2025	Mid-Flood	Sunny	Low	17:12	1.8	M	0.90	2			7.22		3.61		20.9		51.7		3.89		31.96		28	
M1	18/2/2025	Mid-Ebb	Sunny	Low	10:49	2.5	M	1.25	1	0.069	302.395	7.21	7.21	2.99	3.00	20.9	20.90	40.6	40.85	3.05	3.07	22.87	22.895	26	26
M1	18/2/2025	Mid-Ebb	Sunny	Low	10:49	2.5	M	1.25	2			7.21		3.01		20.9		41.1		3.09		22.92		26	
M2	18/2/2025	Mid-Ebb	Sunny	Low	10:17	2.3	M	1.15	1	0.08	322.463	7.2	7.20	3.11	3.13	20.9	20.95	41.9	41.95	3.15	3.16	22.19	22.16	21	25
M2	18/2/2025	Mid-Ebb	Sunny	Low	10:18	2.3	M	1.15	2			7.19		3.14		21.0		42.0		3.16		22.13		28	
M3	18/2/2025	Mid-Ebb	Sunny	Low	11:02	2	M	1.00	1	0.058	334.152	7.25	7.25	3.89	3.85	20.9	20.90	51.7	51.80	3.89	3.90	31.24	31.385	33	45
M3	18/2/2025	Mid-Ebb	Sunny	Low	11:02	2	M	1.00	2			7.24		3.81		20.9		51.9		3.9		31.53		57	

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For Flood Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M2(Impact Station)	1.88	1.79	43.0	52.4	81	112
M3(Impact Station)	3.28	3.14	74	78	104	167

For Ebb Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M1(Impact Station)	2.25	1.91	48.4	50.4	59	68

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	20/2/2025	Mid-Flood	Sunny	Low	17:54	2.6	M	1.30	1	0.077	183.89	7.16	7.15	2.69	2.65	21.1	21.15	34.8	34.15	2.62	2.57	22.64	22.54	18	17
M1	20/2/2025	Mid-Flood	Sunny	Low	17:54	2.6	M	1.30	2			7.14		2.6		21.2		33.5		2.52		22.44		15	
M2	20/2/2025	Mid-Flood	Sunny	Low	18:38	2.3	M	1.15	1	0.094	178.906	7.14	7.14	2.77	2.73	21.1	21.10	37.0	36.05	2.78	2.71	23.86	23.855	20	22
M2	20/2/2025	Mid-Flood	Sunny	Low	18:38	2.3	M	1.15	2			7.14		2.69		21.1		35.1		2.64		23.85		23	
M3	20/2/2025	Mid-Flood	Sunny	Low	18:46	2.1	M	1.05	1	0.089	171.277	7.2	7.19	3.24	3.26	21.1	21.15	49.1	49.10	3.69	3.69	30.79	30.83	19	20
M3	20/2/2025	Mid-Flood	Sunny	Low	18:46	2.1	M	1.05	2			7.18		3.27		21.2		49.1		3.69		30.87		20	
M1	20/2/2025	Mid-Ebb	Sunny	Low	11:36	2.5	M	1.25	1	0.08	342.573	7.16	7.17	2.59	2.63	21.4	21.40	35.2	34.60	2.65	2.61	21.91	21.82	21	21
M1	20/2/2025	Mid-Ebb	Sunny	Low	11:36	2.5	M	1.25	2			7.18		2.66		21.4		34.0		2.56		21.73		21	
M2	20/2/2025	Mid-Ebb	Sunny	Low	10:57	2.2	M	1.10	1	0.061	320.894	7.15	7.16	2.58	2.58	21.4	21.40	35.2	35.00	2.65	2.64	22.39	22.435	19	20
M2	20/2/2025	Mid-Ebb	Sunny	Low	10:57	2.2	M	1.10	2			7.17		2.58		21.4		34.8		2.62		22.48		20	
M3	20/2/2025	Mid-Ebb	Sunny	Low	11:50	2	M	1.00	1	0.078	318.62	7.21	7.21	3.30	3.27	21.4	21.45	49.3	48.60	3.71	3.66	29.50	29.33	23	24
M3	20/2/2025	Mid-Ebb	Sunny	Low	11:50	2	M	1.00	2			7.21		3.23		21.5		47.9		3.6		29.16		24	

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For Flood Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M2(Impact Station)	1.88	1.79	43.0	52.4	81	112
M3(Impact Station)	3.28	3.14	74	78	104	167

For Ebb Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M1(Impact Station)	2.25	1.91	48.4	50.4	59	68

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	22/2/2025	Mid-Flood	Sunny	Low	17:01	2.6	M	1.30	1	0.09	161.833	7.11	7.11	2.73	2.69	21.2	21.20	37.4	36.40	2.81	2.74	18.25	18.265	22	23
M1	22/2/2025	Mid-Flood	Sunny	Low	17:01	2.6	M	1.30	2			7.1		2.65		21.2		35.4		2.66		18.28		24	
M2	22/2/2025	Mid-Flood	Sunny	Low	17:40	2.4	M	1.20	1	0.09	188.552	7.2	7.21	2.87	2.83	21.2	21.25	39.5	38.70	2.97	2.91	18.97	18.85	23	24
M2	22/2/2025	Mid-Flood	Sunny	Low	17:40	2.4	M	1.20	2			7.22		2.79		21.3		37.9		2.85		18.73		24	
M3	22/2/2025	Mid-Flood	Sunny	Low	17:55	2.1	M	1.05	1	0.088	177.59	7.16	7.16	3.29	3.30	21.2	21.25	50.4	49.45	3.79	3.72	29.73	29.905	24	24
M3	22/2/2025	Mid-Flood	Sunny	Low	17:55	2.1	M	1.05	2			7.15		3.31		21.3		48.5		3.65		30.08		24	
M1	22/2/2025	Mid-Ebb	Sunny	Low	15:21	2.4	M	1.20	1	0.061	323.871	7.08	7.08	2.67	2.70	21.3	21.30	35.4	35.45	2.66	2.67	19.84	19.74	19	20
M1	22/2/2025	Mid-Ebb	Sunny	Low	15:21	2.4	M	1.20	2			7.08		2.72		21.3		35.5		2.67		19.64		20	
M2	22/2/2025	Mid-Ebb	Sunny	Low	14:50	2.1	M	1.05	1	0.074	334.669	7.09	7.09	2.63	2.63	21.3	21.30	37.4	38.10	2.81	2.87	19.02	19.18	21	21
M2	22/2/2025	Mid-Ebb	Sunny	Low	14:50	2.1	M	1.05	2			7.09		2.62		21.3		38.8		2.92		19.34		21	
M3	22/2/2025	Mid-Ebb	Sunny	Low	15:36	1.8	M	0.90	1	0.059	340.008	7.2	7.20	3.32	3.35	21.3	21.35	51.6	51.85	3.88	3.90	28.38	28.17	21	21
M3	22/2/2025	Mid-Ebb	Sunny	Low	15:36	1.8	M	0.90	2			7.2		3.38		21.4		52.1		3.92		27.96		20	

Remark

1. Orange and Bold: Action Level Exceedance (For Impact Station Only)
2. Red and Bold: Limit Level Exceedance (For Impact Station Only)
3. Action Level for Turbidity: 95%-ile of baseline data or 120% of upstream control station's turbidity recorded on the same day.
4. Limit Level for Turbidity: 99%-ile of baseline data or 130% of upstream control station's turbidity recorded on the same day.
5. Action Level for SS: 95%-ile of baseline data or 120% of upstream control station's SS recorded on the same day.
6. Limit Level for SS: 99%-ile of baseline data or 130% of upstream control station's SS recorded on the same day.

For Flood Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M2(Impact Station)	1.88	1.79	43.0	52.4	81	112
M3(Impact Station)	3.28	3.14	74	78	104	167

For Ebb Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M1(Impact Station)	2.25	1.91	48.4	50.4	59	68

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	25/2/2025	Mid-Flood	Sunny	Low	12:08	2.3	M	1.15	1	0.076	175.431	7.11	7.10	2.74	2.76	20.9	20.90	38.3	38.90	2.88	2.93	21.40	21.275	21	22
M1	25/2/2025	Mid-Flood	Sunny	Low	12:08	2.3	M	1.15	2			7.09		2.78		20.9		39.5		2.97		21.15		23	
M2	25/2/2025	Mid-Flood	Sunny	Low	12:38	2	M	1.00	1	0.084	185.381	7.12	7.12	2.82	2.79	20.9	20.95	38.8	38.70	2.92	2.91	21.88	22.03	26	26
M2	25/2/2025	Mid-Flood	Sunny	Low	12:38	2	M	1.00	2			7.12		2.76		21		38.6		2.9		22.18		25	
M3	25/2/2025	Mid-Flood	Sunny	Low	12:46	1.8	M	0.90	1	0.09	186.503	7.17	7.17	3.21	3.22	20.9	20.90	50.5	50.90	3.8	3.83	33.72	33.58	26	26
M3	25/2/2025	Mid-Flood	Sunny	Low	12:47	1.8	M	0.90	2			7.17		3.22		20.9		51.3		3.86		33.44		26	
M1	25/2/2025	Mid-Ebb	Sunny	Low	10:01	2.4	M	1.20	1	0.075	309.712	7.09	7.10	2.67	2.71	20.7	20.75	36.6	36.40	2.75	2.74	20.58	20.4	30	41
M1	25/2/2025	Mid-Ebb	Sunny	Low	10:01	2.4	M	1.20	2			7.1		2.75		20.8		36.2		2.72		20.22		51	
M2	25/2/2025	Mid-Ebb	Sunny	Low	9:30	2.1	M	1.05	1	0.062	315.474	7.11	7.11	2.57	2.60	20.7	20.75	36.7	35.75	2.76	2.69	21.33	21.41	25	25
M2	25/2/2025	Mid-Ebb	Sunny	Low	9:30	2.1	M	1.05	2			7.11		2.62		20.8		34.8		2.62		21.49		25	
M3	25/2/2025	Mid-Ebb	Sunny	Low	10:20	1.9	M	0.95	1	0.065	344.865	7.19	7.18	3.50	3.51	20.7	20.75	50.4	49.65	3.79	3.73	34.14	34.2	26	28
M3	25/2/2025	Mid-Ebb	Sunny	Low	10:20	1.9	M	0.95	2			7.17		3.51		20.8		48.9		3.67		34.26		29	

Remark

1. Orange and Bold: Action Level Exceedance (For Impact Station Only)
2. Red and Bold: Limit Level Exceedance (For Impact Station Only)
3. Action Level for Turbidity: 95%-ile of baseline data or 120% of upstream control station's turbidity recorded on the same day.
4. Limit Level for Turbidity: 99%-ile of baseline data or 130% of upstream control station's turbidity recorded on the same day.
5. Action Level for SS: 95%-ile of baseline data or 120% of upstream control station's SS recorded on the same day.
6. Limit Level for SS: 99%-ile of baseline data or 130% of upstream control station's SS recorded on the same day.

For Flood Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M2(Impact Station)	1.88	1.79	43.0	52.4	81	112
M3(Impact Station)	3.28	3.14	74	78	104	167

For Ebb Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M1(Impact Station)	2.25	1.91	48.4	50.4	59	68

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	27/2/2025	Mid-Flood	Sunny	Low	13:21	2.5	M	1.25	1	0.076	180.292	7.08	7.08	3.22	3.20	21.0	21.00	40.0	40.10	3.01	3.02	24.86	24.85	35	36
M1	27/2/2025	Mid-Flood	Sunny	Low	13:21	2.5	M	1.25	2			7.08		3.17		21		40.2		3.02		24.84		37	
M2	27/2/2025	Mid-Flood	Sunny	Low	13:55	2.3	M	1.15	1	0.083	165.114	7.11	7.11	3.39	3.39	21.0	21.00	40.7	39.95	3.06	3.01	25.99	25.935	39	35
M2	27/2/2025	Mid-Flood	Sunny	Low	13:55	2.3	M	1.15	2			7.1		3.39		21		39.2		2.95		25.88		31	
M3	27/2/2025	Mid-Flood	Sunny	Low	13:10	2.1	M	1.05	1	0.094	187.772	7.16	7.16	4.22	4.27	21.0	21.00	52.8	52.75	3.97	3.97	32.57	32.65	35	34
M3	27/2/2025	Mid-Flood	Sunny	Low	13:11	2.1	M	1.05	2			7.15		4.31		21		52.7		3.96		32.73		32	
M1	27/2/2025	Mid-Ebb	Sunny	Low	10:25	2.4	M	1.20	1	0.08	318.308	7.05	7.05	3.15	3.20	20.9	20.95	42.2	41.40	3.17	3.11	24.93	24.835	31	32
M1	27/2/2025	Mid-Ebb	Sunny	Low	10:25	2.4	M	1.20	2			7.05		3.24		21.0		40.6		3.05		24.74		32	
M2	27/2/2025	Mid-Ebb	Sunny	Low	9:59	2	M	1.00	1	0.073	320.475	7.06	7.06	3.26	3.31	20.9	20.90	42.0	41.70	3.16	3.14	23.55	23.365	29	30
M2	27/2/2025	Mid-Ebb	Sunny	Low	9:59	2	M	1.00	2			7.06		3.35		20.9		41.4		3.11		23.18		30	
M3	27/2/2025	Mid-Ebb	Sunny	Low	10:38	1.6	M	0.80	1	0.059	311.355	7.14	7.15	4.36	4.40	20.9	20.95	55.1	54.20	4.14	4.08	32.37	32.43	35	37
M3	27/2/2025	Mid-Ebb	Sunny	Low	10:38	1.6	M	0.80	2			7.16		4.44		21.0		53.3		4.01		32.49		38	

Remark

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4. Limit Level for Turbidity: 99%-ile of baseline data or 130% of upstream control station's turbidity recorded on the same day.
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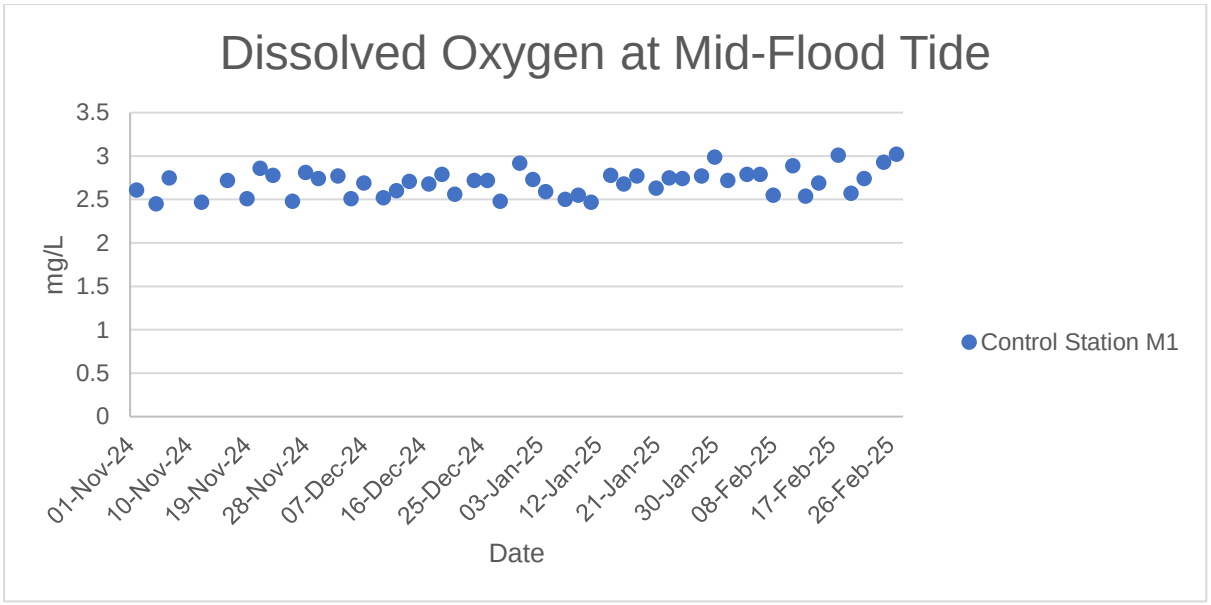
6. Limit Level for SS: 99%-ile of baseline data or 130% of upstream control station's SS recorded on the same day.

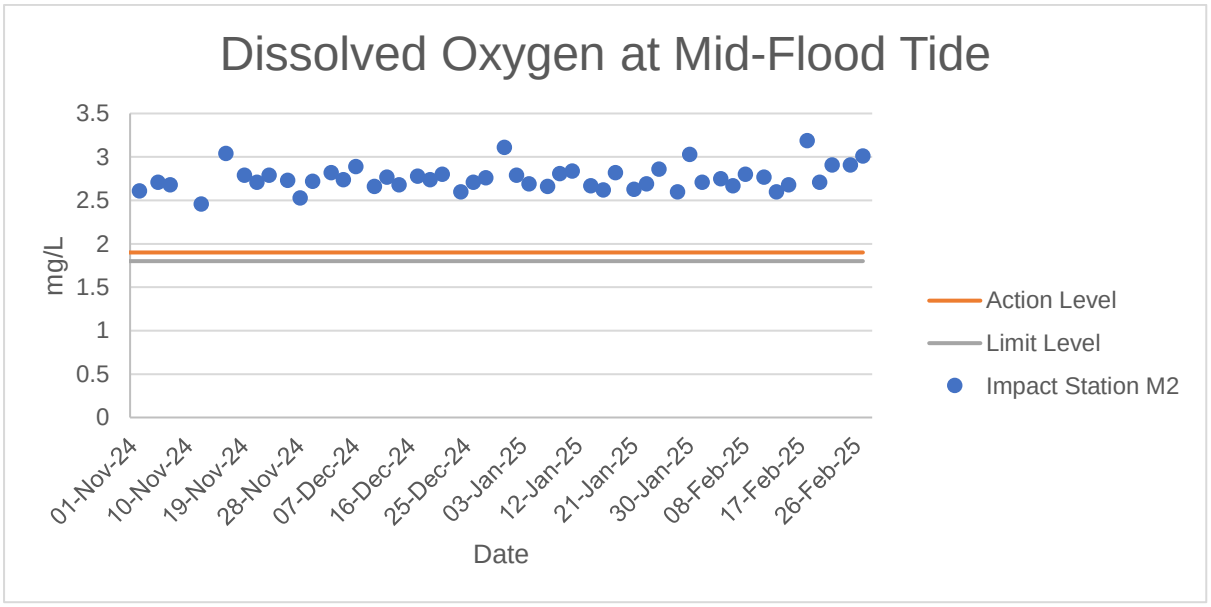
For Flood Tide

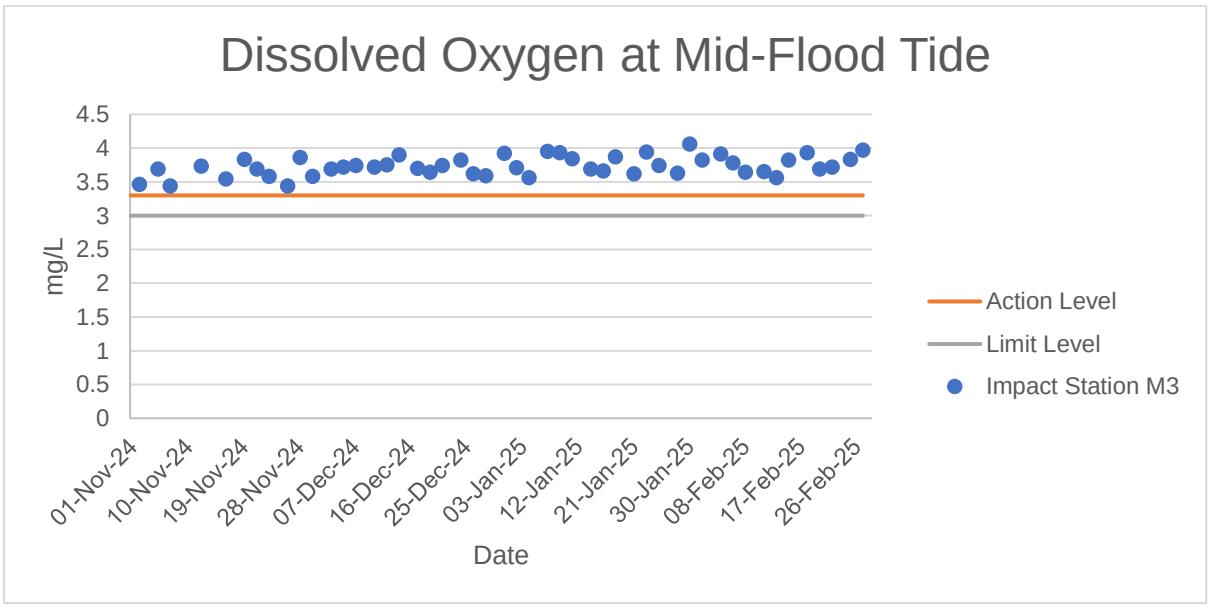
Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M2(Impact Station)	1.88	1.79	43.0	52.4	81	112
M3(Impact Station)	3.28	3.14	74	78	104	167

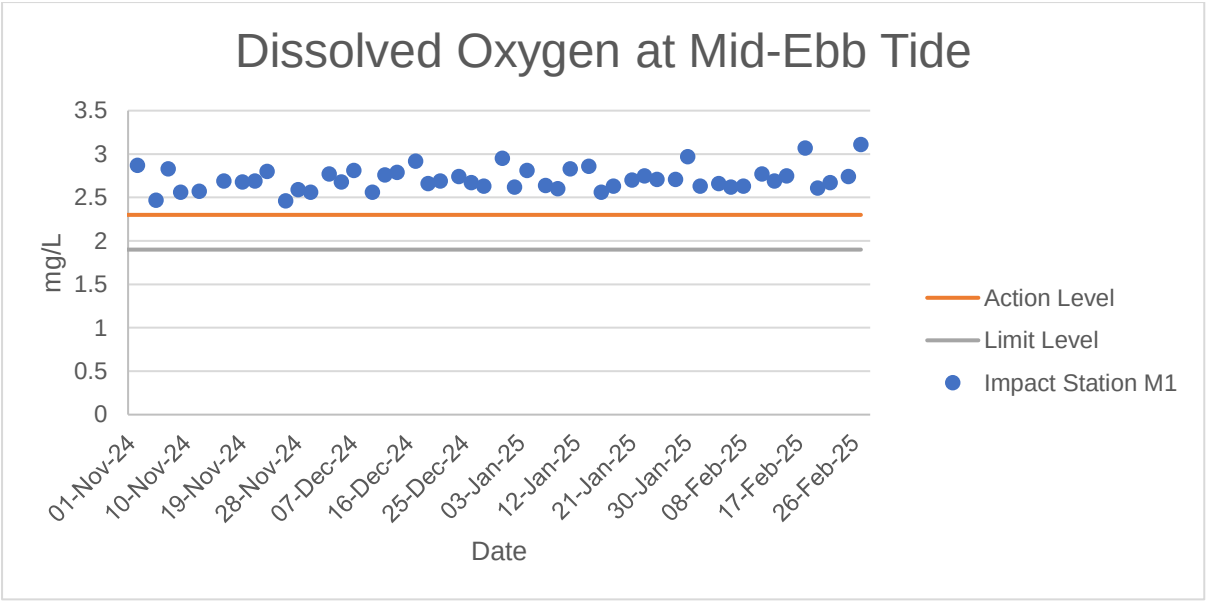
For Ebb Tide

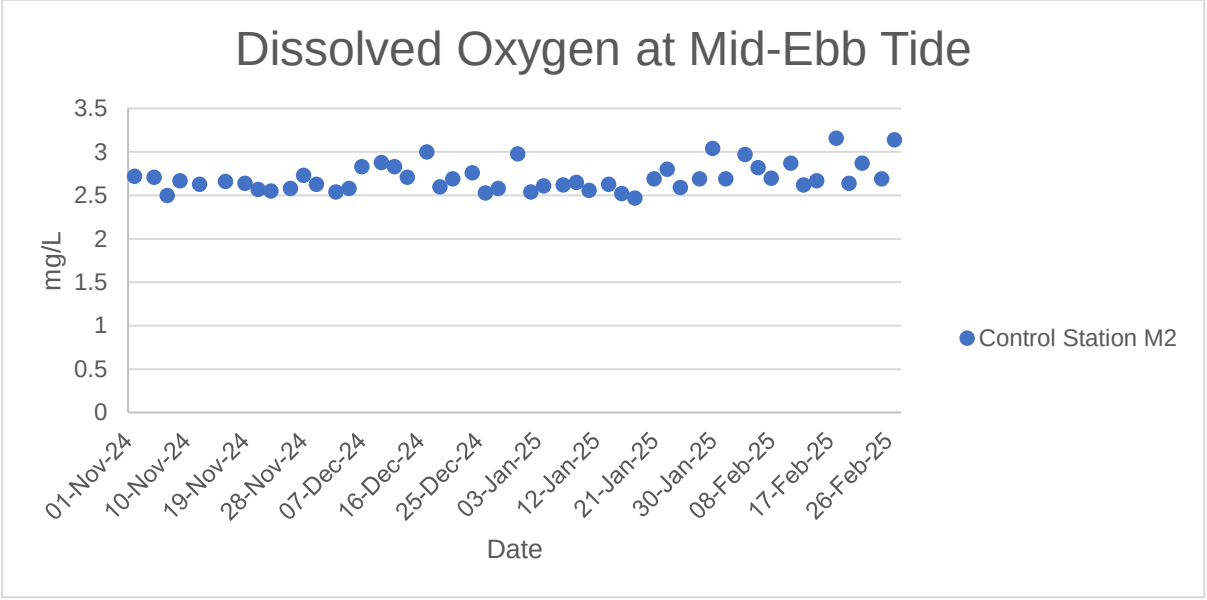
Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M1(Impact Station)	2.25	1.91	48.4	50.4	59	68

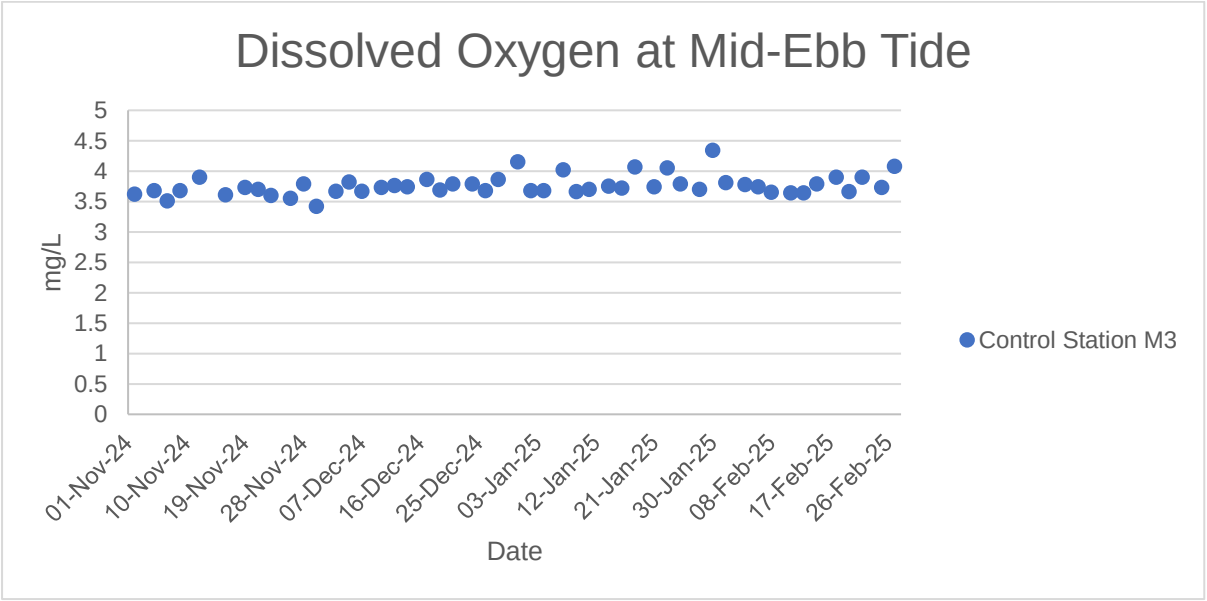

Dissolved Oxygen at Mid-Flood Tide
mg/L
3.5
3
2.5
2
1.5
1
0.5
0
01-Nov-24
10-Nov-24
19-Nov-24
28-Nov-24
07-Dec-24
16-Dec-24
25-Dec-24
03-Jan-25
12-Jan-25
21-Jan-25
30-Jan-25
08-Feb-25
17-Feb-25
26-Feb-25
Date
Control Station M1


Dissolved Oxygen at Mid-Flood Tide
mg/L
3.5
3
2.5
2
1.5
1
0.5
0
01-Nov-24
10-Nov-24
19-Nov-24
28-Nov-24
07-Dec-24
16-Dec-24
25-Dec-24
03-Jan-25
12-Jan-25
21-Jan-25
30-Jan-25
08-Feb-25
17-Feb-25
26-Feb-25
Date
Action Level
Limit Level
Impact Station M2


Dissolved Oxygen at Mid-Flood Tide
mg/L
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
01-Nov-24
10-Nov-24
19-Nov-24
28-Nov-24
07-Dec-24
16-Dec-24
25-Dec-24
03-Jan-25
12-Jan-25
21-Jan-25
30-Jan-25
08-Feb-25
17-Feb-25
26-Feb-25
Date
Action Level
Limit Level
Impact Station M3


Dissolved Oxygen at Mid-Ebb Tide
mg/L
3.5
3
2.5
2
1.5
1
0.5
0
01-Nov-24
10-Nov-24
19-Nov-24
28-Nov-24
07-Dec-24
16-Dec-24
25-Dec-24
03-Jan-25
12-Jan-25
21-Jan-25
30-Jan-25
08-Feb-25
17-Feb-25
26-Feb-25
Date
Action Level
Limit Level
Impact Station M1


Dissolved Oxygen at Mid-Ebb Tide
mg/L
3.5
3
2.5
2
1.5
1
0.5
0
01-Nov-24
10-Nov-24
19-Nov-24
28-Nov-24
07-Dec-24
16-Dec-24
25-Dec-24
03-Jan-25
12-Jan-25
21-Jan-25
30-Jan-25
08-Feb-25
17-Feb-25
26-Feb-25
Date
Control Station M2


Dissolved Oxygen at Mid-Ebb Tide
mg/L
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
01-Nov-24
10-Nov-24
19-Nov-24
28-Nov-24
07-Dec-24
16-Dec-24
25-Dec-24
03-Jan-25
12-Jan-25
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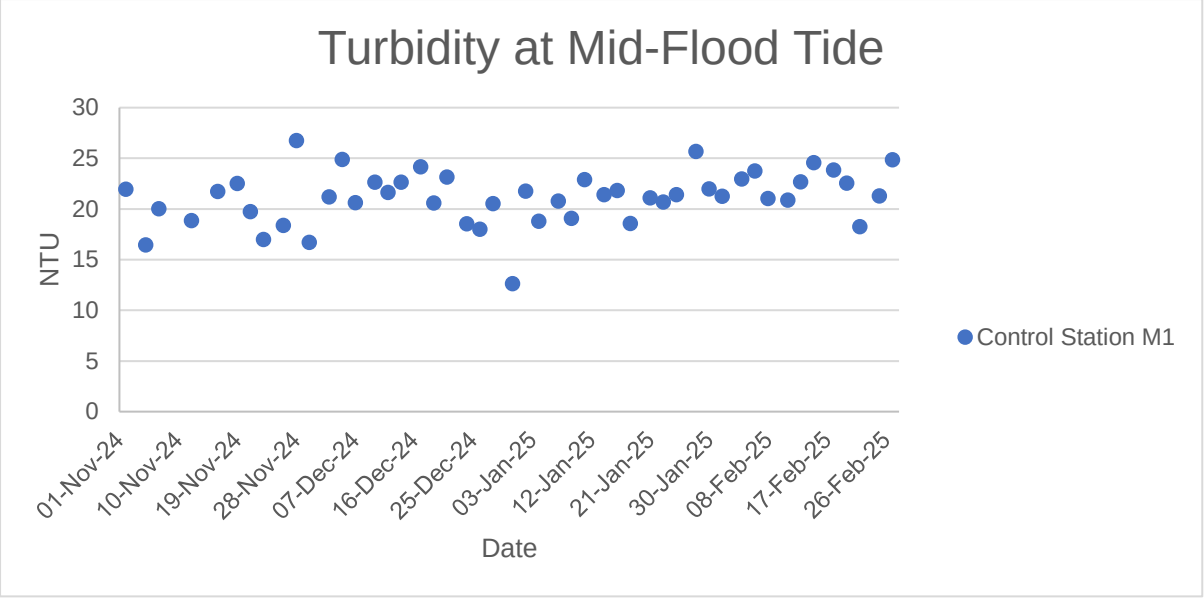
08-Feb-25
17-Feb-25
26-Feb-25
Date
Control Station M3


Turbidity at Mid-Flood Tide
NTU
30
25
20
15
10
5
0
01-Nov-24
10-Nov-24
19-Nov-24
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07-Dec-24
16-Dec-24
25-Dec-24
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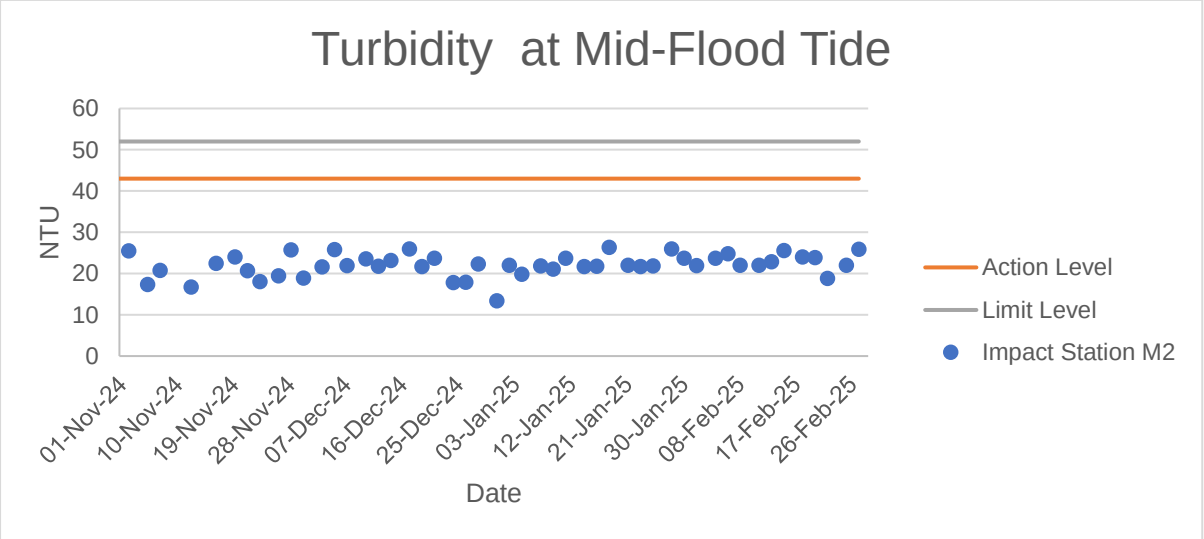
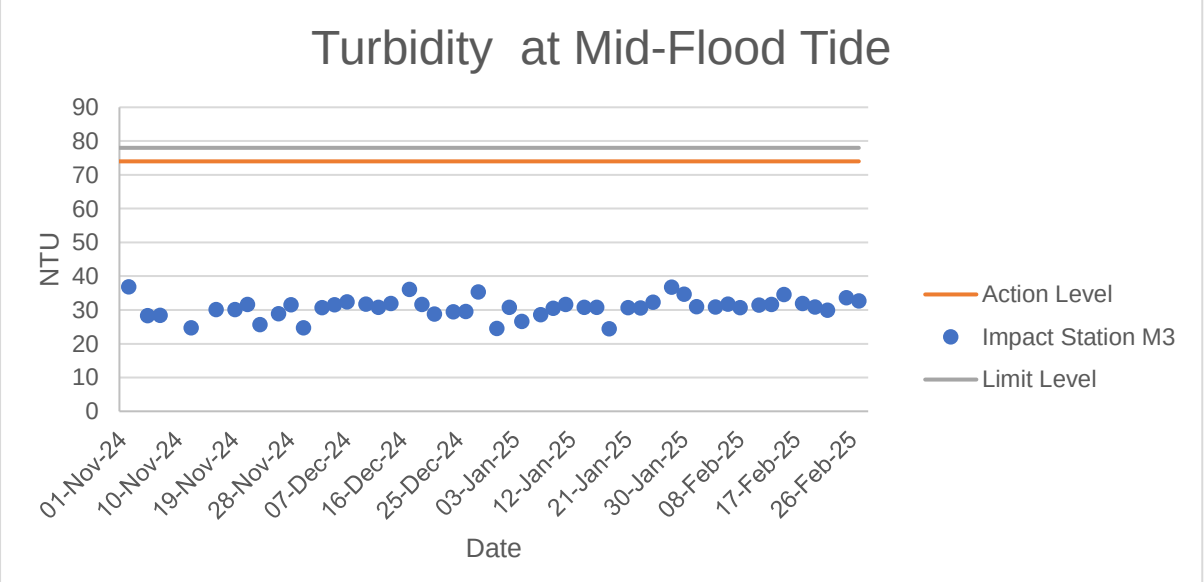
08-Feb-25
17-Feb-25
26-Feb-25
Date
Control Station M1


Turbidity at Mid-Flood Tide
NTU
60
50
40
30
20
10
0
01-Nov-24
10-Nov-24
19-Nov-24
28-Nov-24
07-Dec-24
16-Dec-24
25-Dec-24
03-Jan-25
12-Jan-25
21-Jan-25
30-Jan-25
08-Feb-25
17-Feb-25
26-Feb-25
Date
Action Level
Limit Level
Impact Station M2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NTU
90
80
70
60
50
40
30
20
10
0
01-Nov-24
10-Nov-24
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28-Nov-24
07-Dec-24
16-Dec-24
25-Dec-24
03-Jan-25
12-Jan-25
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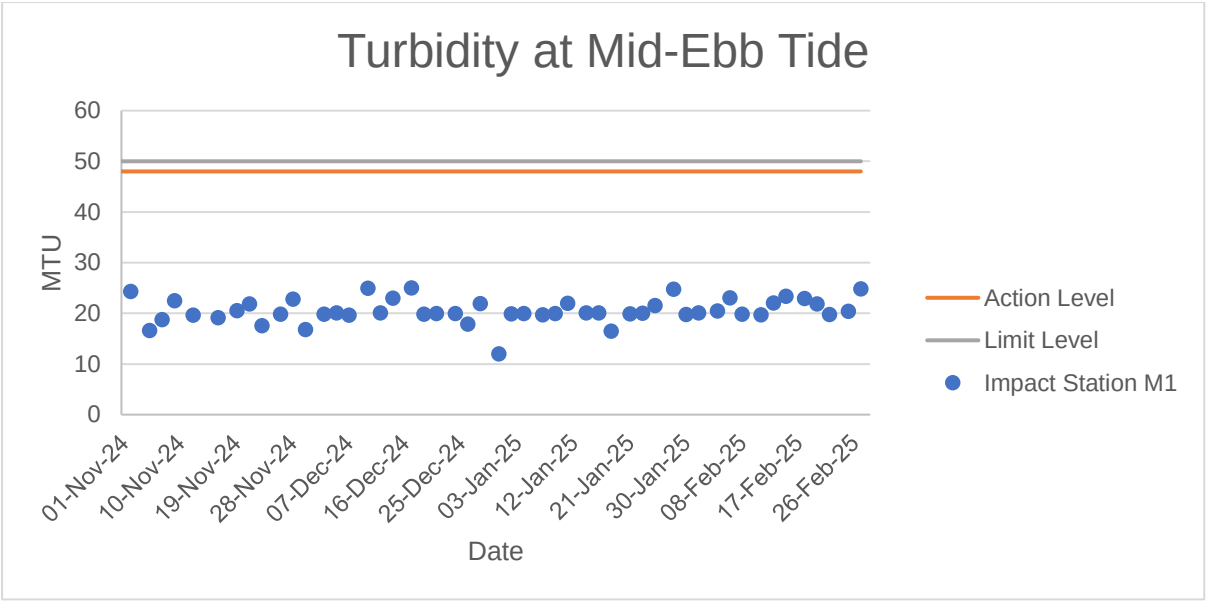
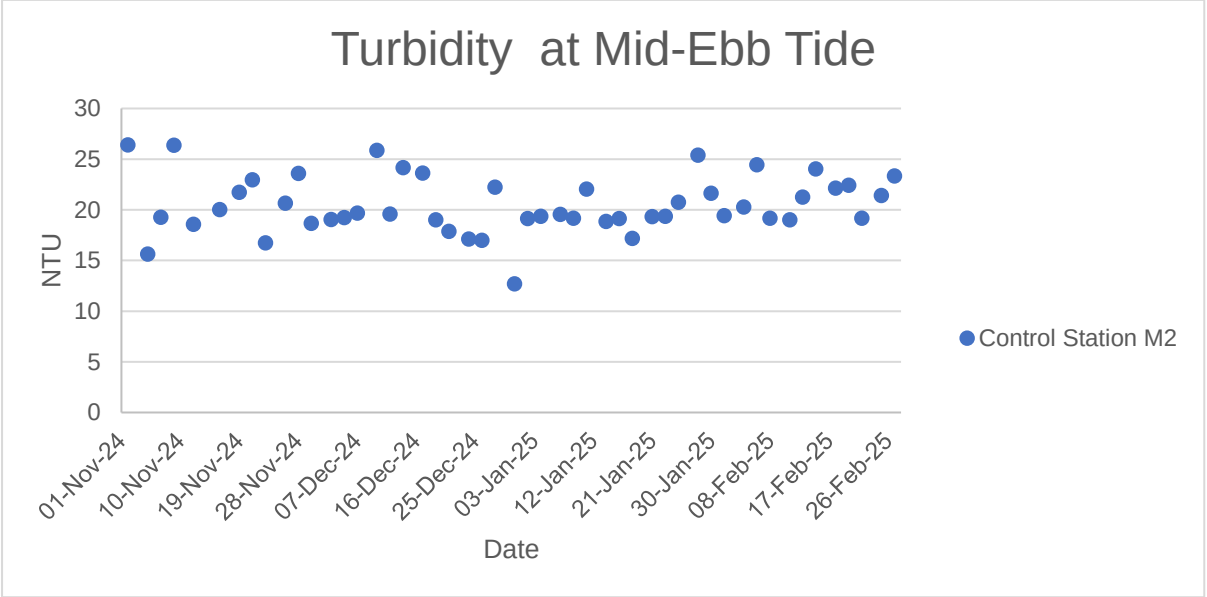
30-Jan-25
08-Feb-25
17-Feb-25
26-Feb-25
Date
Action Level
Impact Station M3
Limit Level


Turbidity at Mid-Ebb Tide
MTU
60
50
40
30
20
10
0
01-Nov-24
10-Nov-24
19-Nov-24
28-Nov-24
07-Dec-24
16-Dec-24
25-Dec-24
03-Jan-25
12-Jan-25
21-Jan-25
30-Jan-25
08-Feb-25
17-Feb-25
26-Feb-25
Date
Action Level
Limit Level
Impact Station M1


Turbidity at Mid-Ebb Tide
NTU
30
25
20
15
10
5
0
01-Nov-24
10-Nov-24
19-Nov-24
28-Nov-24
07-Dec-24
16-Dec-24
25-Dec-24
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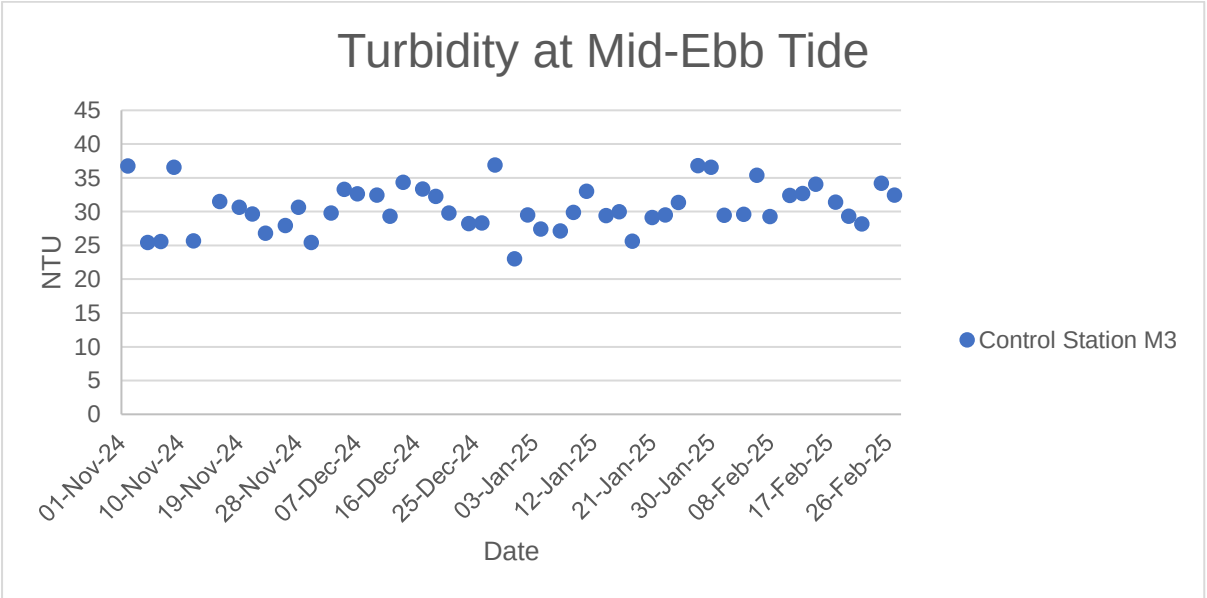
21-Jan-25
30-Jan-25
08-Feb-25
17-Feb-25
26-Feb-25
Date
Control Station M2


Turbidity at Mid-Ebb Tide
NTU
45
40
35
30
25
20
15
10
5
0
01-Nov-24
10-Nov-24
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28-Nov-24
07-Dec-24
16-Dec-24
25-Dec-24
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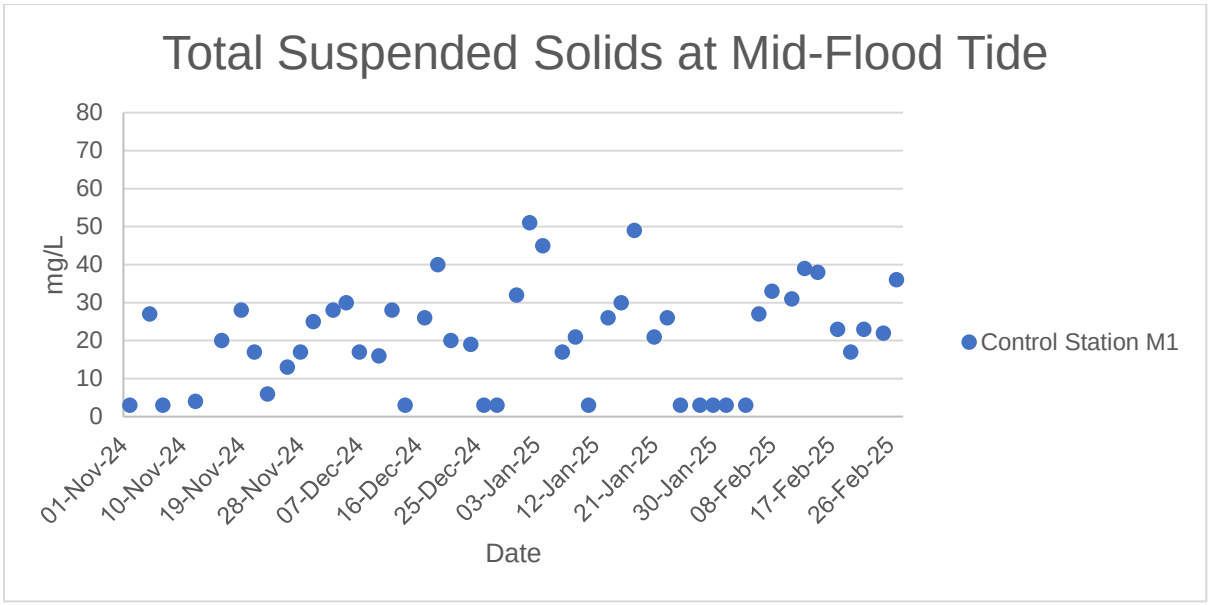
08-Feb-25
17-Feb-25
26-Feb-25
Date
Control Station M3


Total Suspended Solids at Mid-Flood Tide
mg/L
80
70
60
50
40
30
20
10
0
01-Nov-24
10-Nov-24
19-Nov-24
28-Nov-24
07-Dec-24
16-Dec-24
25-Dec-24
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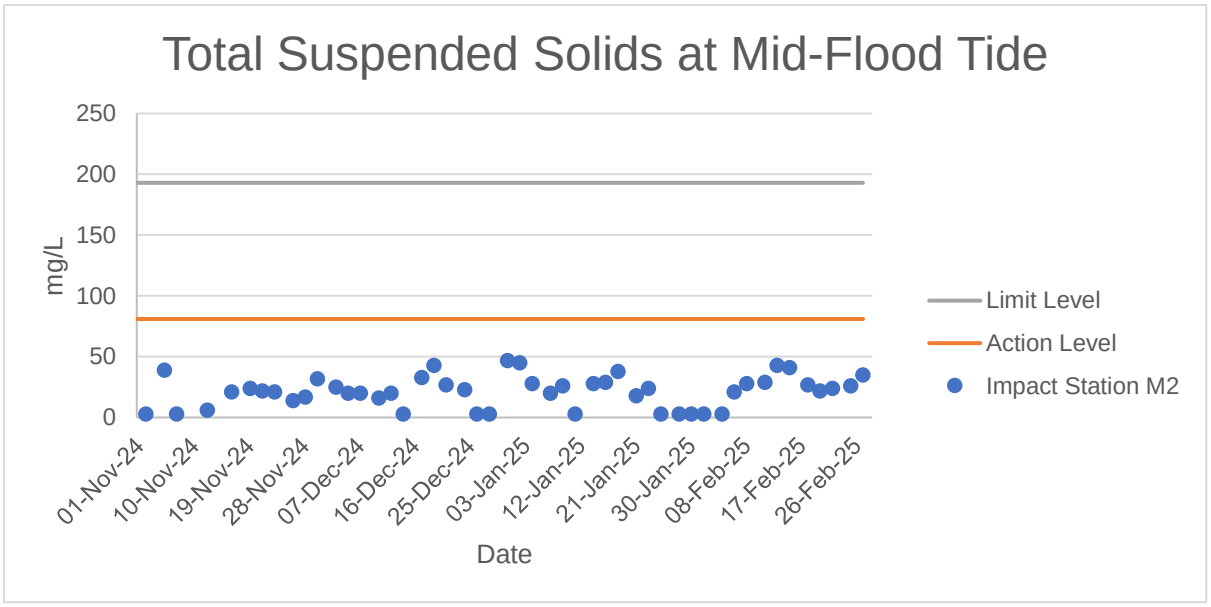
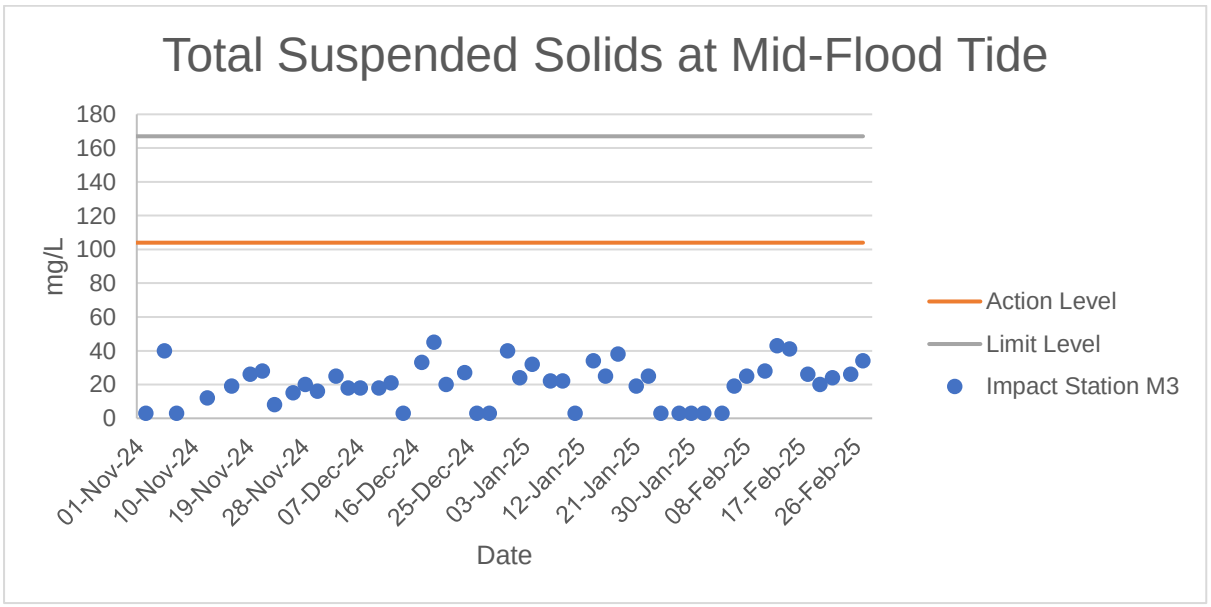
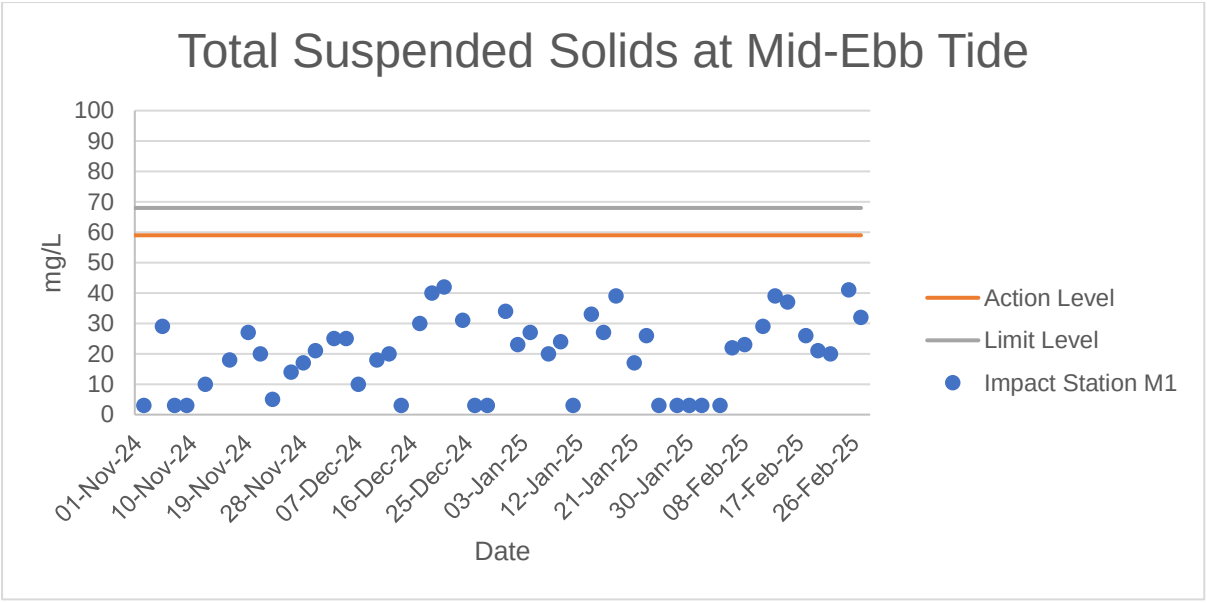
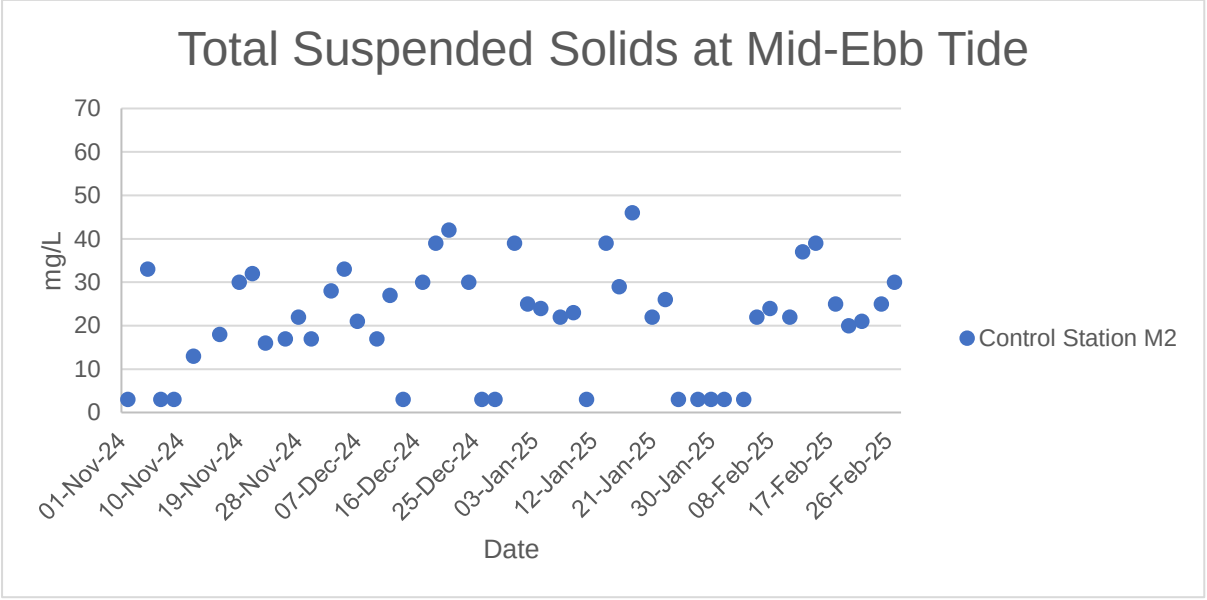
08-Feb-25
17-Feb-25
26-Feb-25
Date
Control Station M1


Total Suspended Solids at Mid-Flood Tide
mg/L
250
200
150
100
50
0
01-Nov-24
10-Nov-24
19-Nov-24
28-Nov-24
07-Dec-24
16-Dec-24
25-Dec-24
03-Jan-25
12-Jan-25
21-Jan-25
30-Jan-25
08-Feb-25
17-Feb-25
26-Feb-25
Date
Limit Level
Action Level
Impact Station M2


Total Suspended Solids at Mid-Flood Tide
mg/L
180
160
140
120
100
80
60
40
20
0
01-Nov-24
10-Nov-24
19-Nov-24
28-Nov-24
07-Dec-24
16-Dec-24
25-Dec-24
03-Jan-25
12-Jan-25
21-Jan-25
30-Jan-25
08-Feb-25
17-Feb-25
26-Feb-25
Date
Action Level
Limit Level
Impact Station M3


Total Suspended Solids at Mid-Ebb Tide
mg/L
100
90
80
70
60
50
40
30
20
10
0
01-Nov-24
10-Nov-24
19-Nov-24
28-Nov-24
07-Dec-24
16-Dec-24
25-Dec-24
03-Jan-25
12-Jan-25
21-Jan-25
30-Jan-25
08-Feb-25
17-Feb-25
26-Feb-25
Date
Action Level
Limit Level
Impact Station M1


Total Suspended Solids at Mid-Ebb Tide
mg/L
70
60
50
40
30
20
10
0
01-Nov-24
10-Nov-24
19-Nov-24
28-Nov-24
07-Dec-24
16-Dec-24
25-Dec-24
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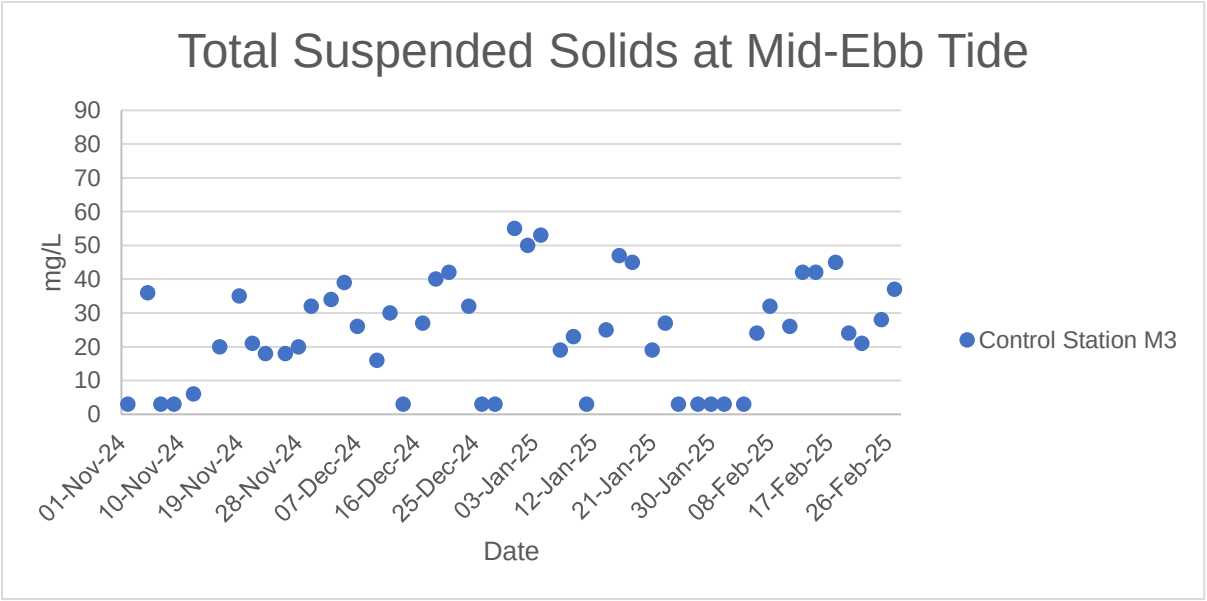
08-Feb-25
17-Feb-25
26-Feb-25
Date
Control Station M2


Total Suspended Solids at Mid-Ebb Tide
mg/L
90
80
70
60
50
40
30
20
10
0
01-Nov-24
10-Nov-24
19-Nov-24
28-Nov-24
07-Dec-24
16-Dec-24
25-Dec-24
03-Jan-25
12-Jan-25
21-Jan-25
30-Jan-25
08-Feb-25
17-Feb-25
26-Feb-25
Date
Control Station M3

Ecology Monitoring Results for

Contract No. SPW 02/2023

Environmental Team for Construction of Yuen long Effluent Polishing Plant Stage 1

Appendix F.1 Ecological Bird Monitoring Result (5 February 2025 and 16 February 2025)

Date (dd/mm/yyyy)	Daytime/ Night time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong[2]	Principal Status[3]	Level of Concern[4]	Protection Status in China[5]	China Red Data Book [6]	Red List of China's Vertebrates[9]	IUCN Red List[7] (v.2020-3)	Species of Conservation Importance	Wetland Dependent[8]
05/02/2025	Daytime	Dry	FLW	Point Count	FLW1	Little Grebe	*Tachybaptus ruficollis*	2	Common	R	LC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW1	Chinese Pond Heron	*Ardeola bacchus*	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW1	Great Egret	*Ardea alba*	1	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW1	Common Sandpiper	*Actitis hypoleucos*	1	Common	PM,WV	-	-	-	LC	LC	N	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW1	Spotted Dove	*Spilopelia chinensis*	1	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW1	White-throated Kingfisher	*Halcyon smyrnensis*	1	Common	R	(LC)	Class II	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW1	Azure-winged Magpie	*Cyanopica cyanus*	3	Introduced	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW1	Crested Myna	*Acridotheres cristatellus*	3	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW1	Black-collared Starling	*Gracupica nigricollis*	2	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW1	Eastern Yellow Wagtail	*Motacilla tschutschensis*	1	Common	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW1	Black-faced Bunting	*Emberiza spodocephala*	2	Common	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW2	Black Kite	*Milvus migrans*	2	Common	R,WV	(RC)	Class II	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW2	Little Ringed Plover	*Charadrius dubius*	1	Common	WV,PM	(LC)	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW2	Common Sandpiper	*Actitis hypoleucos*	1	Common	PM,WV	-	-	-	LC	LC	N	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW2	Wood Sandpiper	*Tringa glareola*	2	Common	PM,WV	LC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW2	Eurasian Collared Dove	*Streptopelia decaocto*	2	Common	-	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW2	Spotted Dove	*Spilopelia chinensis*	2	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW2	Asian Koel	*Eudynamys scolopaceus*	1	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW2	Japanese Tit	*Parus minor*	2	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW2	Yellow-browed Warbler	*Phylloscopus inornatus*	1	Common	WV,Sp	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW2	Eastern Yellow Wagtail	*Motacilla tschutschensis*	1	Common	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW3	Chinese Pond Heron	*Ardeola bacchus*	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW3	Great Egret	*Ardea alba*	1	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW3	Great Cormorant	*Phalacrocorax carbo*	1	Common	WV	PRC	-	-	LC	LC	Y	Y

Appendix F.1 Ecological Bird Monitoring Result (5 February 2025 and 16 February 2025)

Date (dd/mm/yyyy)	Daytime/ Night time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong[2]	Principal Status[3]	Level of Concern[4]	Protection Status in China[5]	China Red Data Book [6]	Red List of China's Vertebrates[9]	IUCN Red List[7] (v.2020-3)	Species of Conservation Importance	Wetland Dependent[8]
05/02/2025	Daytime	Dry	FLW	Point Count	FLW3	Spotted Dove	*Spilopelia chinensis*	1	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW3	Plain Prinia	*Prinia inornata*	2	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW3	Masked Laughingthrush	*Pterorhinus perspicillatus*	2	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW3	Crested Myna	*Acridotheres cristatellus*	2	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW3	Stejneger's Stonechat	*Saxicola stejnegeri*	1	Common	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW3	Eurasian Tree Sparrow	*Passer montanus*	3	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW3	White Wagtail	*Motacilla alba*	1	Common	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW4	Tufted Duck	*Aythya fuligula*	14	Uncommon	WV	LC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW4	Little Grebe	*Tachybaptus ruficollis*	5	Common	R	LC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW4	Chinese Pond Heron	*Ardeola bacchus*	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW4	Little Egret	*Egretta garzetta*	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW4	Great Cormorant	*Phalacrocorax carbo*	9	Common	WV	PRC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW4	White-throated Kingfisher	*Halcyon smyrnensis*	1	Common	R	(LC)	Class II	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW4	Common Kingfisher	*Alcedo atthis*	1	Common	PM,WV	-	-	-	LC	LC	N	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW4	Dusky Warbler	*Phylloscopus fuscatus*	1	Common	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW4	Plain Prinia	*Prinia inornata*	2	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW4	Black-collared Starling	*Gracupica nigricollis*	3	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW4	Stejneger's Stonechat	*Saxicola stejnegeri*	2	Common	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW5	Little Grebe	*Tachybaptus ruficollis*	2	Common	R	LC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW5	Chinese Pond Heron	*Ardeola bacchus*	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW5	Grey Heron	*Ardea cinerea*	3	Common	WV	PRC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW5	Great Egret	*Ardea alba*	2	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW5	Intermediate Egret	*Ardea intermedia*	1	Common	PM	RC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW5	Little Egret	*Egretta garzetta*	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y

Appendix F.1 Ecological Bird Monitoring Result (5 February 2025 and 16 February 2025)

Date (dd/mm/yyyy)	Daytime/ Night time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong[2]	Principal Status[3]	Level of Concern[4]	Protection Status in China[5]	China Red Data Book [6]	Red List of China's Vertebrates[9]	IUCN Red List[7] (v.2020-3)	Species of Conservation Importance	Wetland Dependent[8]
05/02/2025	Daytime	Dry	FLW	Point Count	FLW5	Great Cormorant	*Phalacrocorax carbo*	10	Common	WV	PRC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW5	White-breasted Waterhen	*Amaurornis phoenicurus*	1	Common	R	-	-	-	LC	LC	N	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW5	Eurasian Collared Dove	*Streptopelia decaocto*	3	Common	-	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW5	Dusky Warbler	*Phylloscopus fuscatus*	1	Common	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW5	Yellow-bellied Prinia	*Prinia flaviventris*	1	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW5	Plain Prinia	*Prinia inornata*	1	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW5	Common Tailorbird	*Orthotomus sutorius*	1	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW5	Crested Myna	*Acridotheres cristatellus*	12	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW5	Common Myna	*Acridotheres tristis*	2	Uncommon	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW5	Black-collared Starling	*Gracupica nigricollis*	15	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW5	Daurian Redstart	*Phoenicurus auroreus*	1	Common	WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW5	Eurasian Tree Sparrow	*Passer montanus*	8	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW5	Scaly-breasted Munia	*Lonchura punctulata*	4	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW5	Eastern Yellow Wagtail	*Motacilla tschutschensis*	2	Common	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW5	White Wagtail	*Motacilla alba*	3	Common	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW5	Olive-backed Pipit	*Anthus hodgsoni*	2	Common	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW6	Tufted Duck	*Aythya fuligula*	42	Uncommon	WV	LC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW6	Little Grebe	*Tachybaptus ruficollis*	3	Common	R	LC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW6	Chinese Pond Heron	*Ardeola bacchus*	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW6	Great Cormorant	*Phalacrocorax carbo*	1	Common	WV	PRC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW6	Spotted Dove	*Spilopelia chinensis*	5	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW6	Common Kingfisher	*Alcedo atthis*	1	Common	PM,WV	-	-	-	LC	LC	N	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW6	Long-tailed Shrike	*Lanius schach*	1	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW6	Azure-winged Magpie	*Cyanopica cyanus*	18	Introduced	R	-	-	-	LC	LC	N	N

Appendix F.1 Ecological Bird Monitoring Result (5 February 2025 and 16 February 2025)

Date (dd/mm/yyyy)	Daytime/ Night time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong[2]	Principal Status[3]	Level of Concern[4]	Protection Status in China[5]	China Red Data Book [6]	Red List of China's Vertebrates[9]	IUCN Red List[7] (v.2020-3)	Species of Conservation Importance	Wetland Dependent[8]
05/02/2025	Daytime	Dry	FLW	Point Count	FLW6	Red-whiskered Bulbul	*Pycnonotus jocosus*	3	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW6	Plain Prinia	*Prinia inornata*	1	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW6	Red-billed Starling	*Spodiopsar sericeus*	3	Common	WV	GC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW6	Black-collared Starling	*Gracupica nigricollis*	4	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW6	Stejneger's Stonechat	*Saxicola stejnegeri*	1	Common	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW7	Spotted Dove	*Spilopelia chinensis*	2	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW7	Asian Koel	*Eudynamys scolopaceus*	1	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW7	Azure-winged Magpie	*Cyanopica cyanus*	15	Introduced	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW7	Japanese Tit	*Parus minor*	3	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW7	Red-whiskered Bulbul	*Pycnonotus jocosus*	6	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW7	Dusky Warbler	*Phylloscopus fuscatus*	1	Common	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW7	Crested Myna	*Acridotheres cristatellus*	3	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Point Count	FLW7	Red-billed Starling	*Spodiopsar sericeus*	3	Common	WV	GC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Point Count	FLW7	Black-collared Starling	*Gracupica nigricollis*	5	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	NSW1	Chinese Pond Heron	*Ardeola bacchus*	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	NSW1	Grey Heron	*Ardea cinerea*	1	Common	WV	PRC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	NSW1	Little Egret	*Egretta garzetta*	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	NSW1	Great Cormorant	*Phalacrocorax carbo*	43	Common	WV	PRC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	NSW1	Black-headed Gull	*Chroicocephalus ridibundus*	2	Common	WV	PRC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	NSW1	Eurasian Collared Dove	*Streptopelia decaocto*	4	Common	-	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	NSW1	Spotted Dove	*Spilopelia chinensis*	4	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	NSW1	Asian Koel	*Eudynamys scolopaceus*	1	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	NSW1	Azure-winged Magpie	*Cyanopica cyanus*	2	Introduced	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	NSW1	Red-whiskered Bulbul	*Pycnonotus jocosus*	2	Abundant	R	-	-	-	LC	LC	N	N

Appendix F.1 Ecological Bird Monitoring Result (5 February 2025 and 16 February 2025)

Date (dd/mm/yyyy)	Daytime/ Night time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong[2]	Principal Status[3]	Level of Concern[4]	Protection Status in China[5]	China Red Data Book [6]	Red List of China's Vertebrates[9]	IUCN Red List[7] (v.2020-3)	Species of Conservation Importance	Wetland Dependent[8]
05/02/2025	Daytime	Dry	NSW	Point Count	NSW1	Chinese Bulbul	*Pycnonotus sinensis*	4	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	NSW1	Dusky Warbler	*Phylloscopus fuscatus*	1	Common	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	NSW1	Plain Prinia	*Prinia inornata*	1	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	NSW1	Masked Laughingthrush	*Pterorhinus perspicillatus*	4	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	NSW1	Crested Myna	*Acridotheres cristatellus*	6	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	NSW1	Black-collared Starling	*Gracupica nigricollis*	3	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	NSW1	Red-throated Flycatcher	*Ficedula albicilla*	1	Uncommon	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	NSW1	Daurian Redstart	*Phoenicurus auroreus*	1	Common	WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	NSW1	Eurasian Tree Sparrow	*Passer montanus*	4	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	NSW1	White Wagtail	*Motacilla alba*	1	Common	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	NSW1	Pallas's Leaf Warbler	*Phylloscopus proregulus*	1	Common	W	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Northern Shoveler	*Spatula clypeata*	5	Abundant	WV	RC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Chinese Pond Heron	*Ardeola bacchus*	4	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Grey Heron	*Ardea cinerea*	1	Common	WV	PRC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Great Egret	*Ardea alba*	1	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Great Cormorant	*Phalacrocorax carbo*	2	Common	WV	PRC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	White-breasted Waterhen	*Amaurornis phoenicurus*	1	Common	R	-	-	-	LC	LC	N	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Pied Avocet	*Recurvirostra avosetta*	6	Abundant	WV	RC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Common Sandpiper	*Actitis hypoleucos*	1	Common	PM,WV	-	-	-	LC	LC	N	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Black-headed Gull	*Chroicocephalus ridibundus*	23	Common	WV	PRC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Lesser Black-backed Gull	*Larus fuscus*	1	Common	W,M	LC	-	-	-	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Azure-winged Magpie	*Cyanopica cyanus*	5	Introduced	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Red-whiskered Bulbul	*Pycnonotus jocosus*	2	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Dusky Warbler	*Phylloscopus fuscatus*	2	Common	PM,WV	-	-	-	LC	LC	N	N

Appendix F.1 Ecological Bird Monitoring Result (5 February 2025 and 16 February 2025)

Date (dd/mm/yyyy)	Daytime/ Night time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong[2]	Principal Status[3]	Level of Concern[4]	Protection Status in China[5]	China Red Data Book [6]	Red List of China's Vertebrates[9]	IUCN Red List[7] (v.2020-3)	Species of Conservation Importance	Wetland Dependent[8]
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Plain Prinia	*Prinia inornata*	1	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Common Tailorbird	*Orthotomus sutorius*	1	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Masked Laughingthrush	*Pterorhinus perspicillatus*	3	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Crested Myna	*Acridotheres cristatellus*	4	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Red-billed Starling	*Spodiopsar sericeus*	3	Common	WV	GC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Black-collared Starling	*Gracupica nigricollis*	8	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Oriental Magpie Robin	*Copsychus saularis*	2	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Pallas's Leaf Warbler	*Phylloscopus proregulus*	1	Common	W	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Northern Shoveler	*Spatula clypeata*	10	Abundant	WV	RC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Eurasian Teal	*Anas crecca*	2	Common	WV	RC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Black-faced Spoonbill	*Platalea minor*	1	Common	WV	PGC	Class II	EN	EN	EN	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Chinese Pond Heron	*Ardeola bacchus*	13	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Grey Heron	*Ardea cinerea*	1	Common	WV	PRC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Great Egret	*Ardea alba*	1	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Little Egret	*Egretta garzetta*	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Great Cormorant	*Phalacrocorax carbo*	4	Common	WV	PRC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	White-breasted Waterhen	*Amaurornis phoenicurus*	3	Common	R	-	-	-	LC	LC	N	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Black-winged stilt	*Himantopus himantopus*	5	Common	PM	RC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Pied Avocet	*Recurvirostra avosetta*	4	Abundant	WV	RC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Common Sandpiper	*Actitis hypoleucos*	1	Common	PM,WV	-	-	-	LC	LC	N	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Common Redshank	*Tringa totanus*	4	Common	PM	RC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Common Greenshank	*Tringa nebularia*	2	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Black-headed Gull	*Chroicocephalus ridibundus*	4	Common	WV	PRC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Azure-winged Magpie	*Cyanopica cyanus*	2	Introduced	R	-	-	-	LC	LC	N	N

Appendix F.1 Ecological Bird Monitoring Result (5 February 2025 and 16 February 2025)

Date (dd/mm/yyyy)	Daytime/ Night time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong[2]	Principal Status[3]	Level of Concern[4]	Protection Status in China[5]	China Red Data Book [6]	Red List of China's Vertebrates[9]	IUCN Red List[7] (v.2020-3)	Species of Conservation Importance	Wetland Dependent[8]
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Japanese Tit	*Parus minor*	2	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Swinhoe's White-eye	*Zosterops simplex*	2	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Oriental Magpie Robin	*Copsychus saularis*	1	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	White Wagtail	*Motacilla alba*	3	Common	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Northern Shoveler	*Spatula clypeata*	12	Abundant	WV	RC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Eurasian Wigeon	*Mareca penelope*	3	Common	WV	RC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Chinese Pond Heron	*Ardeola bacchus*	5	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Great Egret	*Ardea alba*	7	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Great Cormorant	*Phalacrocorax carbo*	27	Common	WV	PRC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Black-winged Kite	*Elanus caeruleus*	1	Uncommon	O	LC	Class II	VU	NT	LC	Y	N
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Black Kite	*Milvus migrans*	1	Common	R,WV	(RC)	Class II	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	White-breasted Waterhen	*Amaurornis phoenicurus*	2	Common	R	-	-	-	LC	LC	N	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Common Moorhen	*Gallinula chloropus*	8	Common	R	-	-	-	LC	LC	N	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Black-winged stilt	*Himantopus himantopus*	15	Common	PM	RC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Pied Avocet	*Recurvirostra avosetta*	26	Abundant	WV	RC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Common Redshank	*Tringa totanus*	18	Common	PM	RC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Marsh Sandpiper	*Tringa stagnatilis*	1	Common	PM,WV	RC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	spotted Redshank	*Tringa erythropus*	1	Abundant	WV,Sp	RC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Common Greenshank	*Tringa nebularia*	6	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Black-headed Gull	*Chroicocephalus ridibundus*	33	Common	WV	PRC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Lesser Black-backed Gull	*Larus fuscus*	3	Common	W,M	LC	-	-	-	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Greater Coucal	*Centropus sinensis*	1	Common	R	-	Class II	VU	LC	LC	Y	N
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Daurian Redstart	*Phoenicurus auroreus*	1	Common	WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	White Wagtail	*Motacilla alba*	1	Common	PM,WV	-	-	-	LC	LC	N	N

Appendix F.1 Ecological Bird Monitoring Result (5 February 2025 and 16 February 2025)

Date (dd/mm/yyyy)	Daytime/ Night time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong[2]	Principal Status[3]	Level of Concern[4]	Protection Status in China[5]	China Red Data Book [6]	Red List of China's Vertebrates[9]	IUCN Red List[7] (v.2020-3)	Species of Conservation Importance	Wetland Dependent[8]
16/02/2025	Night-time	Dry	FLW	Point Count	FLW2	Black-crowned Night Heron	*Nycticorax nycticorax*	1	Common	R,WV	(LC)	-	-	LC	LC	Y	Y
16/02/2025	Night-time	Dry	FLW	Point Count	FLW3	Grey Heron	*Ardea cinerea*	1	Common	WV	PRC	-	-	LC	LC	Y	Y
16/02/2025	Night-time	Dry	FLW	Point Count	FLW4	Black-crowned Night Heron	*Nycticorax nycticorax*	1	Common	R,WV	(LC)	-	-	LC	LC	Y	Y
16/02/2025	Night-time	Dry	FLW	Point Count	FLW4	Grey Heron	*Ardea cinerea*	1	Common	WV	PRC	-	-	LC	LC	Y	Y
16/02/2025	Night-time	Dry	FLW	Point Count	FLW4	Savanna Nightjar	*Caprimulgus affinis*	1	Uncommon	R.PM	-	-	-	DD	-	N	N
16/02/2025	Night-time	Dry	FLW	Point Count	FLW5	Black-crowned Night Heron	*Nycticorax nycticorax*	1	Common	R,WV	(LC)	-	-	LC	LC	Y	Y
16/02/2025	Night-time	Dry	NSW	Point Count	SP/NSW3	Collared Scops Owl	*Otus lettia*	1	Common	R	-	Class II	-	LC	LC	Y	N
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Tufted Duck	*Aythya fuligula*	12	Uncommon	WV	LC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Little Grebe	*Tachybaptus ruficollis*	2	Common	R	LC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Grey Heron	*Ardea cinerea*	1	Common	WV	PRC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Little Egret	*Egretta garzetta*	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Great Cormorant	*Phalacrocorax carbo*	3	Common	WV	PRC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Eurasian Coot	*Fulica atra*	4	Uncommon	W	RC	-	-	-	LC	Y	Y
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Spotted Dove	*Spilopelia chinensis*	1	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Greater Coucal	*Centropus sinensis*	1	Common	R	-	Class II	VU	LC	LC	Y	N
05/02/2025	Daytime	Dry	FLW	Transect	FLW	House Swift	*Apus nipalensis*	2	Abundant, Common	SpM,R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Azure-winged Magpie	*Cyanopica cyanus*	3	Introduced	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Red-billed Blue Magpie	*Urocissa erythrorynchа*	3	Common	R	-	-	-	-	LC	N	N
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Japanese Tit	*Parus minor*	2	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Red-whiskered Bulbul	*Pycnonotus jocosus*	4	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Chinese Bulbul	*Pycnonotus sinensis*	7	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Yellow-browed Warbler	*Phylloscopus inornatus*	2	Common	WV,Sp	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Dusky Warbler	*Phylloscopus fuscatus*	1	Common	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Yellow-bellied Prinia	*Prinia flaviventris*	1	Common	R	-	-	-	LC	LC	N	N

Appendix F.1 Ecological Bird Monitoring Result (5 February 2025 and 16 February 2025)

Date (dd/mm/yyyy)	Daytime/ Night time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong[2]	Principal Status[3]	Level of Concern[4]	Protection Status in China[5]	China Red Data Book [6]	Red List of China's Vertebrates[9]	IUCN Red List[7] (v.2020-3)	Species of Conservation Importance	Wetland Dependent[8]
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Plain Prinia	*Prinia inornata*	3	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Common Tailorbird	*Orthotomus sutorius*	3	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Masked Laughingthrush	*Pterorhinus perspicillatus*	13	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Crested Myna	*Acridotheres cristatellus*	10	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Black-collared Starling	*Gracupica nigricollis*	7	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Oriental Magpie Robin	*Copsychus saularis*	1	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Daurian Redstart	*Phoenicurus auroreus*	1	Common	WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Stejneger's Stonechat	*Saxicola stejnegeri*	1	Common	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Scaly-breasted Munia	*Lonchura punctulata*	7	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Eastern Yellow Wagtail	*Motacilla tschutschensis*	1	Common	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Olive-backed Pipit	*Anthus hodgsoni*	1	Common	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	FLW	Transect	FLW	Pallas's Leaf Warbler	*Phylloscopus proregulus*	1	Common	W	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Transect	NSW	Chinese Pond Heron	*Ardeola bacchus*	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Transect	NSW	Great Cormorant	*Phalacrocorax carbo*	6	Common	WV	PRC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	NSW	Transect	NSW	Eurasian Collared Dove	*Streptopelia decaocto*	1	Common	-	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Transect	NSW	Spotted Dove	*Spilopelia chinensis*	1	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Transect	NSW	Azure-winged Magpie	*Cyanopica cyanus*	3	Introduced	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Transect	NSW	Japanese Tit	*Parus minor*	2	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Transect	NSW	Red-whiskered Bulbul	*Pycnonotus jocosus*	4	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Transect	NSW	Dusky Warbler	*Phylloscopus fuscatus*	2	Common	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Transect	NSW	Common Tailorbird	*Orthotomus sutorius*	1	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Transect	NSW	Masked Laughingthrush	*Pterorhinus perspicillatus*	2	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Transect	NSW	Swinhoe's White-eye	*Zosterops simplex*	3	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Transect	NSW	Crested Myna	*Acridotheres cristatellus*	12	Common	R	-	-	-	LC	LC	N	N

Appendix F.1 Ecological Bird Monitoring Result (5 February 2025 and 16 February 2025)

Date (dd/mm/yyyy)	Daytime/ Night time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong[2]	Principal Status[3]	Level of Concern[4]	Protection Status in China[5]	China Red Data Book [6]	Red List of China's Vertebrates[9]	IUCN Red List[7] (v.2020-3)	Species of Conservation Importance	Wetland Dependent[8]
05/02/2025	Daytime	Dry	NSW	Transect	NSW	Black-collared Starling	*Gracupica nigricollis*	5	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Transect	NSW	Daurian Redstart	*Phoenicurus auroreus*	1	Common	WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	NSW	Transect	NSW	White Wagtail	*Motacilla alba*	1	Common	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Northern Shoveler	*Spatula clypeata*	30	Abundant	WV	RC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Eurasian Teal	*Anas crecca*	4	Common	WV	RC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Chinese Pond Heron	*Ardeola bacchus*	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Grey Heron	*Ardea cinerea*	5	Common	WV	PRC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Great Egret	*Ardea alba*	2	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Little Egret	*Egretta garzetta*	3	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Great Cormorant	*Phalacrocorax carbo*	3	Common	WV	PRC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	White-breasted Waterhen	*Amaurornis phoenicurus*	1	Common	R	-	-	-	LC	LC	N	Y
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Common Moorhen	*Gallinula chloropus*	2	Common	R	-	-	-	LC	LC	N	Y
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Black-winged stilt	*Himantopus himantopus*	24	Common	PM	RC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Pied Avocet	*Recurvirostra avosetta*	22	Abundant	WV	RC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Common Sandpiper	*Actitis hypoleucos*	1	Common	PM,WV	-	-	-	LC	LC	N	Y
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Common Redshank	*Tringa totanus*	6	Common	PM	RC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	spotted Redshank	*Tringa erythropus*	1	Abundant	WV,Sp	RC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Common Greenshank	*Tringa nebularia*	3	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Black-headed Gull	*Chroicocephalus ridibundus*	140	Common	WV	PRC	-	-	LC	LC	Y	Y
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Lesser Black-backed Gull	*Larus fuscus*	2	Common	W,M	LC	-	-	-	LC	Y	Y
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Spotted Dove	*Spilopelia chinensis*	1	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Azure-winged Magpie	*Cyanopica cyanus*	3	Introduced	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Red-whiskered Bulbul	*Pycnonotus jocosus*	6	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Chinese Bulbul	*Pycnonotus sinensis*	9	Abundant	R	-	-	-	LC	LC	N	N

Appendix F.1 Ecological Bird Monitoring Result (5 February 2025 and 16 February 2025)

Date (dd/mm/yyyy)	Daytime/ Night time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong[2]	Principal Status[3]	Level of Concern[4]	Protection Status in China[5]	China Red Data Book [6]	Red List of China's Vertebrates[9]	IUCN Red List[7] (v.2020-3)	Species of Conservation Importance	Wetland Dependent[8]
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Yellow-browed Warbler	*Phylloscopus inornatus*	1	Common	WV,Sp	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Dusky Warbler	*Phylloscopus fuscatus*	1	Common	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Yellow-bellied Prinia	*Prinia flaviventris*	1	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Plain Prinia	*Prinia inornata*	1	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Crested Myna	*Acridotheres cristatellus*	4	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Oriental Magpie Robin	*Copsychus saularis*	1	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Eurasian Tree Sparrow	*Passer montanus*	4	Abundant	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Scaly-breasted Munia	*Lonchura punctulata*	4	Common	R	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Eastern Yellow Wagtail	*Motacilla tschutschensis*	1	Common	PM,WV	-	-	-	LC	LC	N	N
05/02/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	White Wagtail	*Motacilla alba*	2	Common	PM,WV	-	-	-	LC	LC	N	N
17/02/2025	Night-time	Dry	FLW	Transect	FLW	Black-crowned Night Heron	*Nycticorax nycticorax*	1	Common	R,WV	(LC)	-	-	LC	LC	Y	Y
17/02/2025	Night-time	Dry	FLW	Transect	FLW	Savanna Nightjar	*Caprimulgus affinis*	2	Uncommon	R.PM	-	-	-	DD	-	N	N
17/02/2025	Night-time	Dry	NSW	Transect	NSW	Black-crowned Night Heron	*Nycticorax nycticorax*	2	Common	R,WV	(LC)	-	-	LC	LC	Y	Y

Notes:
1. All wild birds are protected under Wild Animals Protection Ordinance (Cap. 170).
2. AFCD (2021). Hong Kong Biodiversity Database.
3. Carey et al. (2001): R=resident; WV=winter visitor; SV=summer visitor; PM=passage migrant; Sp=spring; A=autumn;
4. Fellowes et al. (2002): LC=Local Concern; RC=Regional Concern; PRC=Potential Regional Concern; PGC: Potential Global Concern. Letters in parentheses indicate that the assessment is on the basis of restrictedness in nesting and/or roosting sites rather than in general occurrence.
5. List of Wild Animals under State Protection (promulgated by State Forestry Administration and Ministry of Agriculture on 14 January, 1989).
6. Zheng, G. M. and Wang, Q. S. (1998). China Red Data Book
7. IUCN 2021. The IUCN Red List of Threatened Species. Version 2020-3.
8. Wetland-dependent species (including wetland-dependent species and waterbirds).
9. Jiang et al. (2016). Red List of China's Vertebrates

Appendix F.2.1 Ecological Bird Monitoring Diversity (All avifauna species in Point Count Method) in All Habitats (5 February 2025 and 16 February 2025)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P)^2
Spatula clypeata	27	0.0385	-3.2581	-0.1253	0.4083
Mareca penelope	3	0.0043	-5.4553	-0.0233	0.1272
Anas crecca	2	0.0028	-5.8608	-0.0167	0.0979
Aythya fuligula	56	0.0798	-2.5286	-0.2017	0.5100
Tachybaptus ruficollis	12	0.0171	-4.0690	-0.0696	0.2830
Platalea minor	1	0.0014	-6.5539	-0.0093	0.0612
Nycticorax nycticorax	3	0.0043	-5.4553	-0.0233	0.1272
Ardeola bacchus	31	0.0442	-3.1199	-0.1378	0.4299
Ardea cinerea	8	0.0114	-4.4745	-0.0510	0.2282
Ardea alba	13	0.0185	-3.9890	-0.0739	0.2947
Ardea intermedia	1	0.0014	-6.5539	-0.0093	0.0612
Egretta garzetta	5	0.0071	-4.9445	-0.0352	0.1741
Phalacrocorax carbo	97	0.1382	-1.9792	-0.2735	0.5413
Elanus caeruleus	1	0.0014	-6.5539	-0.0093	0.0612
Milvus migrans	3	0.0043	-5.4553	-0.0233	0.1272
Amaurornis phoenicurus	7	0.0100	-4.6080	-0.0459	0.2117
Gallinula chloropus	8	0.0114	-4.4745	-0.0510	0.2282
Himantopus himantopus	20	0.0285	-3.5582	-0.1014	0.3607
Recurvirostra avosetta	36	0.0513	-2.9704	-0.1523	0.4525
Charadrius dubius	1	0.0014	-6.5539	-0.0093	0.0612
Actitis hypoleucos	4	0.0057	-5.1676	-0.0294	0.1522
Tringa totanus	22	0.0313	-3.4629	-0.1085	0.3758
Tringa stagnatilis	1	0.0014	-6.5539	-0.0093	0.0612
Tringa glareola	2	0.0028	-5.8608	-0.0167	0.0979
Tringa erythropus	1	0.0014	-6.5539	-0.0093	0.0612
Tringa nebularia	8	0.0114	-4.4745	-0.0510	0.2282
Chroicocephalus ridibundus	62	0.0883	-2.4268	-0.2143	0.5201
Larus fuscus	4	0.0057	-5.1676	-0.0294	0.1522
Streptopelia decaocto	9	0.0128	-4.3567	-0.0559	0.2433
Spilopelia chinensis	15	0.0214	-3.8459	-0.0822	0.3160
Centropus sinensis	1	0.0014	-6.5539	-0.0093	0.0612
Eudynamys scolopaceus	3	0.0043	-5.4553	-0.0233	0.1272
Otus lettia	1	0.0014	-6.5539	-0.0093	0.0612
Caprimulgus affinis	1	0.0014	-6.5539	-0.0093	0.0612
Halcyon smyrnensis	2	0.0028	-5.8608	-0.0167	0.0979
Alcedo atthis	2	0.0028	-5.8608	-0.0167	0.0979
Lanius schach	1	0.0014	-6.5539	-0.0093	0.0612
Cyanopica cyanus	45	0.0641	-2.7473	-0.1761	0.4838
Parus minor	7	0.0100	-4.6080	-0.0459	0.2117
Pycnonotus jocosus	13	0.0185	-3.9890	-0.0739	0.2947
Pycnonotus sinensis	4	0.0057	-5.1676	-0.0294	0.1522
Phylloscopus inornatus	1	0.0014	-6.5539	-0.0093	0.0612
Phylloscopus proregulus	2	0.0028	-5.8608	-0.0167	0.0979
Phylloscopus fuscatus	6	0.0085	-4.7622	-0.0407	0.1938
Prinia flaviventris	1	0.0014	-6.5539	-0.0093	0.0612
Prinia inornata	8	0.0114	-4.4745	-0.0510	0.2282
Orthotomus sutorius	2	0.0028	-5.8608	-0.0167	0.0979
Pterorhinus perspicillatus	9	0.0128	-4.3567	-0.0559	0.2433
Zosterops simplex	2	0.0028	-5.8608	-0.0167	0.0979

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P)^2
Acridotheres cristatellus	30	0.0427	-3.1527	-0.1347	0.4248
Acridotheres tristis	2	0.0028	-5.8608	-0.0167	0.0979
Spodiopsar sericeus	9	0.0128	-4.3567	-0.0559	0.2433
Gracupica nigricollis	40	0.0570	-2.8651	-0.1633	0.4677
Copsychus saularis	3	0.0043	-5.4553	-0.0233	0.1272
Ficedula albicilla	1	0.0014	-6.5539	-0.0093	0.0612
Phoenicurus auroreus	3	0.0043	-5.4553	-0.0233	0.1272
Saxicola stejnegeri	4	0.0057	-5.1676	-0.0294	0.1522
Passer montanus	15	0.0214	-3.8459	-0.0822	0.3160
Lonchura punctulata	4	0.0057	-5.1676	-0.0294	0.1522
Motacilla tschutschensis	4	0.0057	-5.1676	-0.0294	0.1522
Motacilla alba	9	0.0128	-4.3567	-0.0559	0.2433
Anthus hodgsoni	2	0.0028	-5.8608	-0.0167	0.0979
Emberiza spodocephala	2	0.0028	-5.8608	-0.0167	0.0979
Total	702	1	-313.6023	-3.3707	12.6069
Richness	63				
SS	12.6069				
SQ	11.3615				
H	3.3707				
S^2H	0.0018				

Appendix F.2.2 Ecological Bird Monitoring Diversity (Avifauna species of conservation importance in Point Count Method) in All Habitats (5 February 2025 and 16 February 2025)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	$P*Ln(P)^2$
Spatula clypeata	27	0.0624	-2.7749	-0.1730	0.4801
Mareca penelope	3	0.0069	-4.9721	-0.0344	0.1713
Anas crecca	2	0.0046	-5.3776	-0.0248	0.1336
Aythya fuligula	56	0.1293	-2.0454	-0.2645	0.5411
Tachybaptus ruficollis	12	0.0277	-3.5858	-0.0994	0.3563
Platalea minor	1	0.0023	-6.0707	-0.0140	0.0851
Nycticorax nycticorax	3	0.0069	-4.9721	-0.0344	0.1713
Ardeola bacchus	31	0.0716	-2.6368	-0.1888	0.4978
Ardea cinerea	8	0.0185	-3.9913	-0.0737	0.2943
Ardea alba	13	0.0300	-3.5058	-0.1053	0.3690
Ardea intermedia	1	0.0023	-6.0707	-0.0140	0.0851
Egretta garzetta	5	0.0115	-4.4613	-0.0515	0.2298
Phalacrocorax carbo	97	0.2240	-1.4960	-0.3351	0.5014
Elanus caeruleus	1	0.0023	-6.0707	-0.0140	0.0851
Milvus migrans	3	0.0069	-4.9721	-0.0344	0.1713
Himantopus himantopus	20	0.0462	-3.0750	-0.1420	0.4368
Recurvirostra avosetta	36	0.0831	-2.4872	-0.2068	0.5143
Charadrius dubius	1	0.0023	-6.0707	-0.0140	0.0851
Tringa totanus	22	0.0508	-2.9797	-0.1514	0.4511
Tringa stagnatilis	1	0.0023	-6.0707	-0.0140	0.0851
Tringa glareola	2	0.0046	-5.3776	-0.0248	0.1336
Tringa erythropus	1	0.0023	-6.0707	-0.0140	0.0851
Tringa nebularia	8	0.0185	-3.9913	-0.0737	0.2943
Chroicocephalus ridibundus	62	0.1432	-1.9436	-0.2783	0.5409
Larus fuscus	4	0.0092	-4.6844	-0.0433	0.2027
Centropus sinensis	1	0.0023	-6.0707	-0.0140	0.0851
Otus lettia	1	0.0023	-6.0707	-0.0140	0.0851
Halcyon smyrnensis	2	0.0046	-5.3776	-0.0248	0.1336
Spodiopsar sericeus	9	0.0208	-3.8735	-0.0805	0.3119
Total	433	1	-127.1471	-2.5574	7.6173
Richness	29				
SS	7.6173				
SQ	6.5404				
H	2.5574				
S^2H	0.0026				

Appendix F.2.3 Ecological Bird Monitoring Diversity (All avifauna species in Transect Walk Method) in All Habitats (5 February 2025 and 16 February 2025)

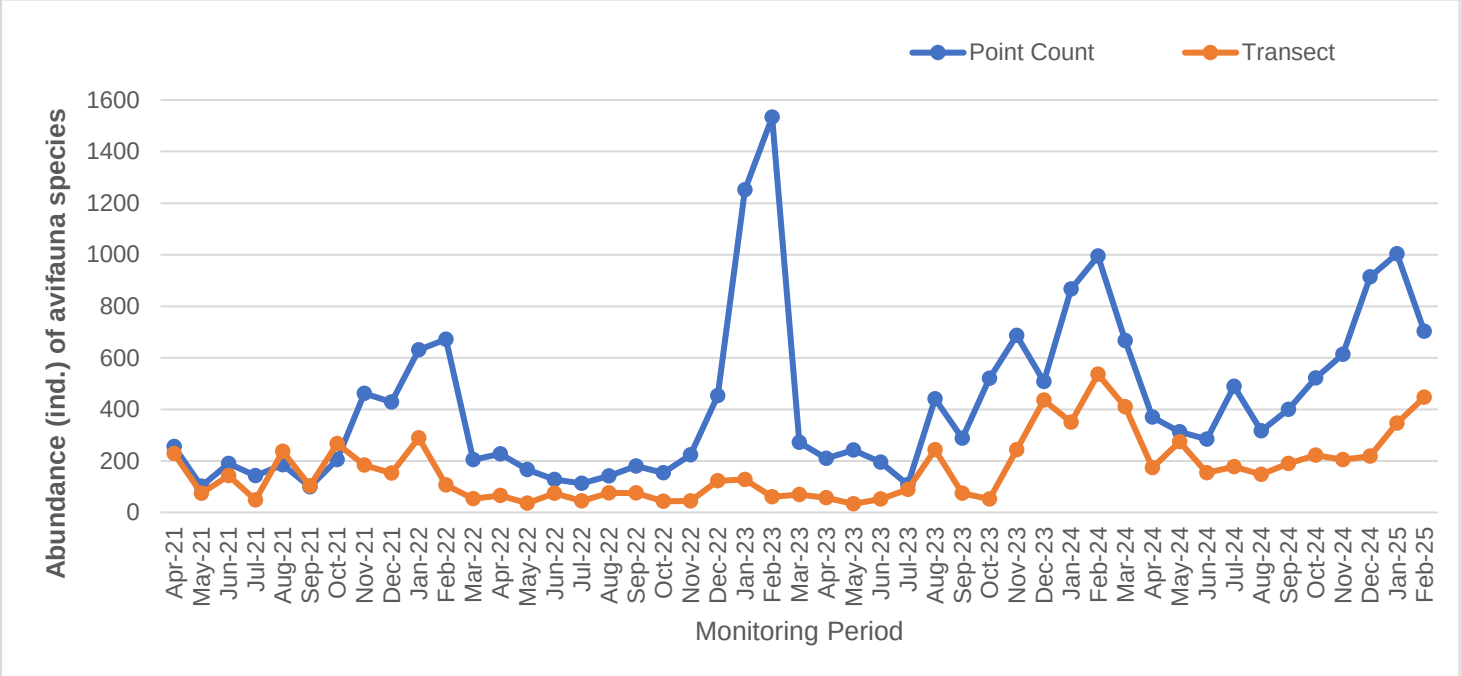
Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P)^2
Spatula clypeata	30	0.0671	-2.7014	-0.1813	0.4898
Anas crecca	4	0.0089	-4.7163	-0.0422	0.1990
Aythya fuligula	12	0.0268	-3.6177	-0.0971	0.3513
Tachybaptus ruficollis	2	0.0045	-5.4094	-0.0242	0.1309
Nycticorax nycticorax	3	0.0067	-5.0039	-0.0336	0.1681
Ardeola bacchus	3	0.0067	-5.0039	-0.0336	0.1681
Ardea cinerea	7	0.0157	-4.1566	-0.0651	0.2706
Ardea alba	2	0.0045	-5.4094	-0.0242	0.1309
Egretta garzetta	5	0.0112	-4.4931	-0.0503	0.2258
Phalacrocorax carbo	12	0.0268	-3.6177	-0.0971	0.3513
Amaurornis phoenicurus	1	0.0022	-6.1026	-0.0137	0.0833
Gallinula chloropus	2	0.0045	-5.4094	-0.0242	0.1309
Fulica atra	4	0.0089	-4.7163	-0.0422	0.1990
Himantopus himantopus	24	0.0537	-2.9245	-0.1570	0.4592
Recurvirostra avosetta	22	0.0492	-3.0115	-0.1482	0.4464
Actitis hypoleucos	1	0.0022	-6.1026	-0.0137	0.0833
Tringa totanus	6	0.0134	-4.3108	-0.0579	0.2494
Tringa erythropus	1	0.0022	-6.1026	-0.0137	0.0833
Tringa nebularia	3	0.0067	-5.0039	-0.0336	0.1681
Chroicocephalus ridibundus	140	0.3132	-1.1609	-0.3636	0.4221
Larus fuscus	2	0.0045	-5.4094	-0.0242	0.1309
Streptopelia decaocto	1	0.0022	-6.1026	-0.0137	0.0833
Spilopelia chinensis	3	0.0067	-5.0039	-0.0336	0.1681
Centropus sinensis	1	0.0022	-6.1026	-0.0137	0.0833
Caprimulgus affinis	2	0.0045	-5.4094	-0.0242	0.1309
Apus nipalensis	2	0.0045	-5.4094	-0.0242	0.1309
Cyanopica cyanus	9	0.0201	-3.9053	-0.0786	0.3071
Urocissa erythroryncha	3	0.0067	-5.0039	-0.0336	0.1681
Parus minor	6	0.0134	-4.3108	-0.0579	0.2494
Pycnonotus jocosus	14	0.0313	-3.4635	-0.1085	0.3757
Pycnonotus sinensis	16	0.0358	-3.3300	-0.1192	0.3969
Phylloscopus inornatus	3	0.0067	-5.0039	-0.0336	0.1681
Phylloscopus proregulus	1	0.0022	-6.1026	-0.0137	0.0833
Phylloscopus fuscatus	5	0.0112	-4.4931	-0.0503	0.2258
Prinia flaviventris	2	0.0045	-5.4094	-0.0242	0.1309
Prinia inornata	4	0.0089	-4.7163	-0.0422	0.1990
Orthotomus sutorius	4	0.0089	-4.7163	-0.0422	0.1990
Pterorhinus perspicillatus	15	0.0336	-3.3945	-0.1139	0.3867
Zosterops simplex	3	0.0067	-5.0039	-0.0336	0.1681
Acridotheres cristatellus	26	0.0582	-2.8445	-0.1654	0.4706
Gracupica nigricollis	15	0.0336	-3.3945	-0.1139	0.3867
Copsychus saularis	2	0.0045	-5.4094	-0.0242	0.1309
Phoenicurus auroreus	2	0.0045	-5.4094	-0.0242	0.1309
Saxicola stejnegeri	1	0.0022	-6.1026	-0.0137	0.0833

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P)^2
Passer montanus	4	0.0089	-4.7163	-0.0422	0.1990
Lonchura punctulata	11	0.0246	-3.7047	-0.0912	0.3377
Motacilla tschutschensis	2	0.0045	-5.4094	-0.0242	0.1309
Motacilla alba	3	0.0067	-5.0039	-0.0336	0.1681
Anthus hodgsoni	1	0.0022	-6.1026	-0.0137	0.0833
Total	447	1	-229.3625	-2.9474	10.7180
Richness	49				
SS	10.7180				
SQ	8.6871				
H	2.9474				
S^2H	0.0047				

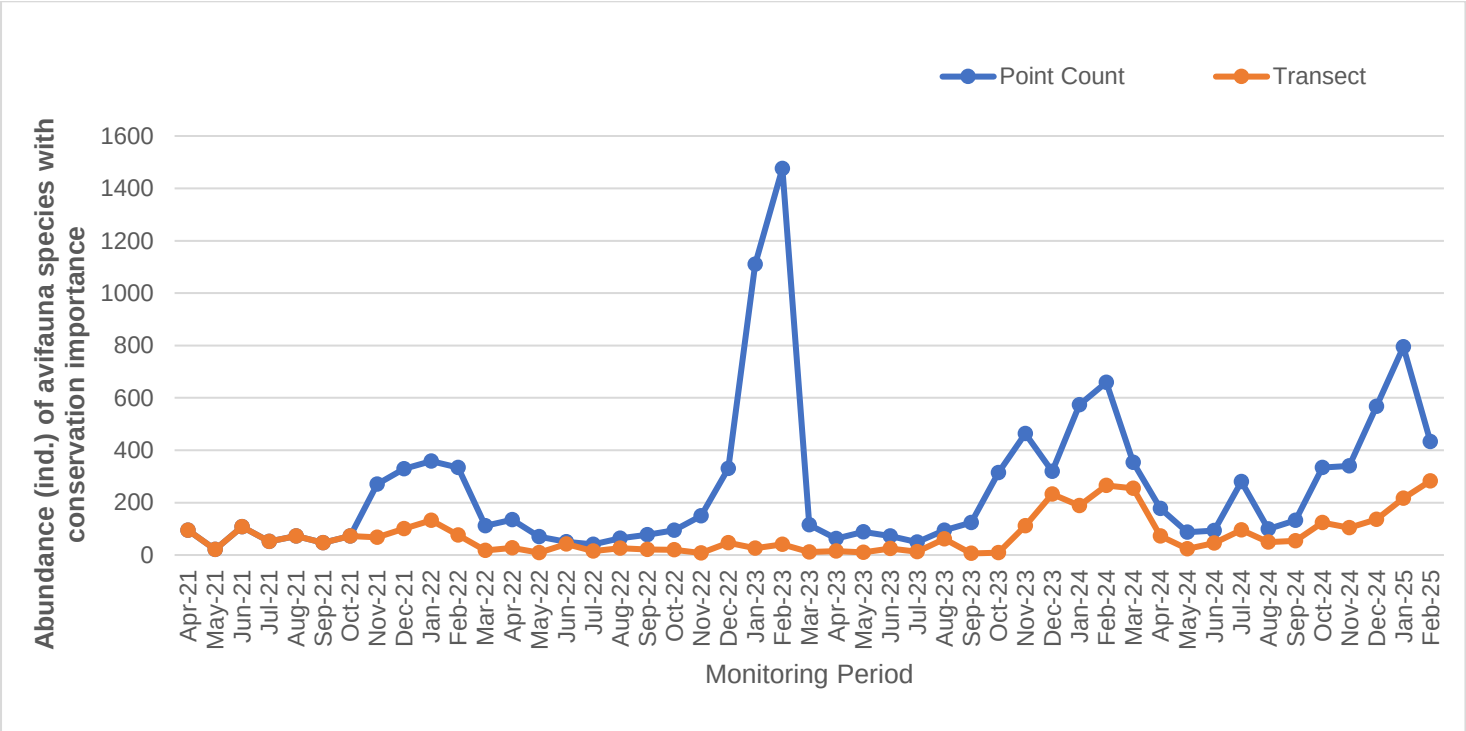
Appendix F.2.4 Ecological Bird Monitoring Diversity (Avifauna species of conservation importance in Transect Walk Method) in All Habitats (5 February 2025 and 16 February 2025)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	$P*Ln(P)^2$
Spatula clypeata	30	0.1060	-2.2442	-0.2379	0.5339
Anas crecca	4	0.0141	-4.2592	-0.0602	0.2564
Aythya fuligula	12	0.0424	-3.1605	-0.1340	0.4236
Tachybaptus ruficollis	2	0.0071	-4.9523	-0.0350	0.1733
Nycticorax nycticorax	3	0.0106	-4.5468	-0.0482	0.2192
Ardeola bacchus	3	0.0106	-4.5468	-0.0482	0.2192
Ardea cinerea	7	0.0247	-3.6995	-0.0915	0.3385
Ardea alba	2	0.0071	-4.9523	-0.0350	0.1733
Egretta garzetta	5	0.0177	-4.0360	-0.0713	0.2878
Phalacrocorax carbo	12	0.0424	-3.1605	-0.1340	0.4236
Fulica atra	4	0.0141	-4.2592	-0.0602	0.2564
Himantopus himantopus	24	0.0848	-2.4674	-0.2092	0.5163
Recurvirostra avosetta	22	0.0777	-2.5544	-0.1986	0.5072
Tringa totanus	6	0.0212	-3.8537	-0.0817	0.3149
Tringa erythropus	1	0.0035	-5.6454	-0.0199	0.1126
Tringa nebularia	3	0.0106	-4.5468	-0.0482	0.2192
Chroicocephalus ridibundus	140	0.4947	-0.7038	-0.3482	0.2450
Larus fuscus	2	0.0071	-4.9523	-0.0350	0.1733
Centropus sinensis	1	0.0035	-5.6454	-0.0199	0.1126
Total	283	1	-74.1868	-1.9163	5.5063
Richness	19				
SS	5.5063				
SQ	3.6724				
H	1.9163				
S^2H	0.0066				

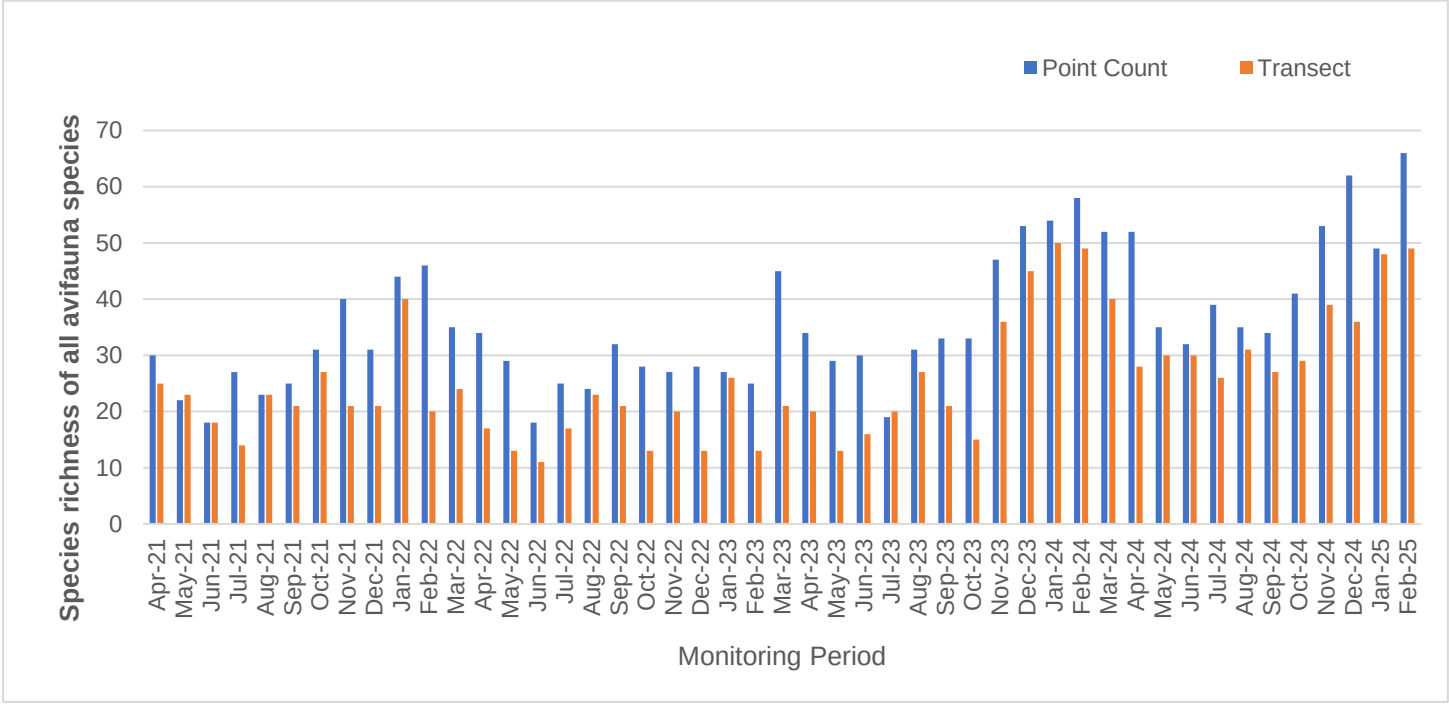
Appendix F.3.1 Abundance of all avifauna species throughout the monitoring period



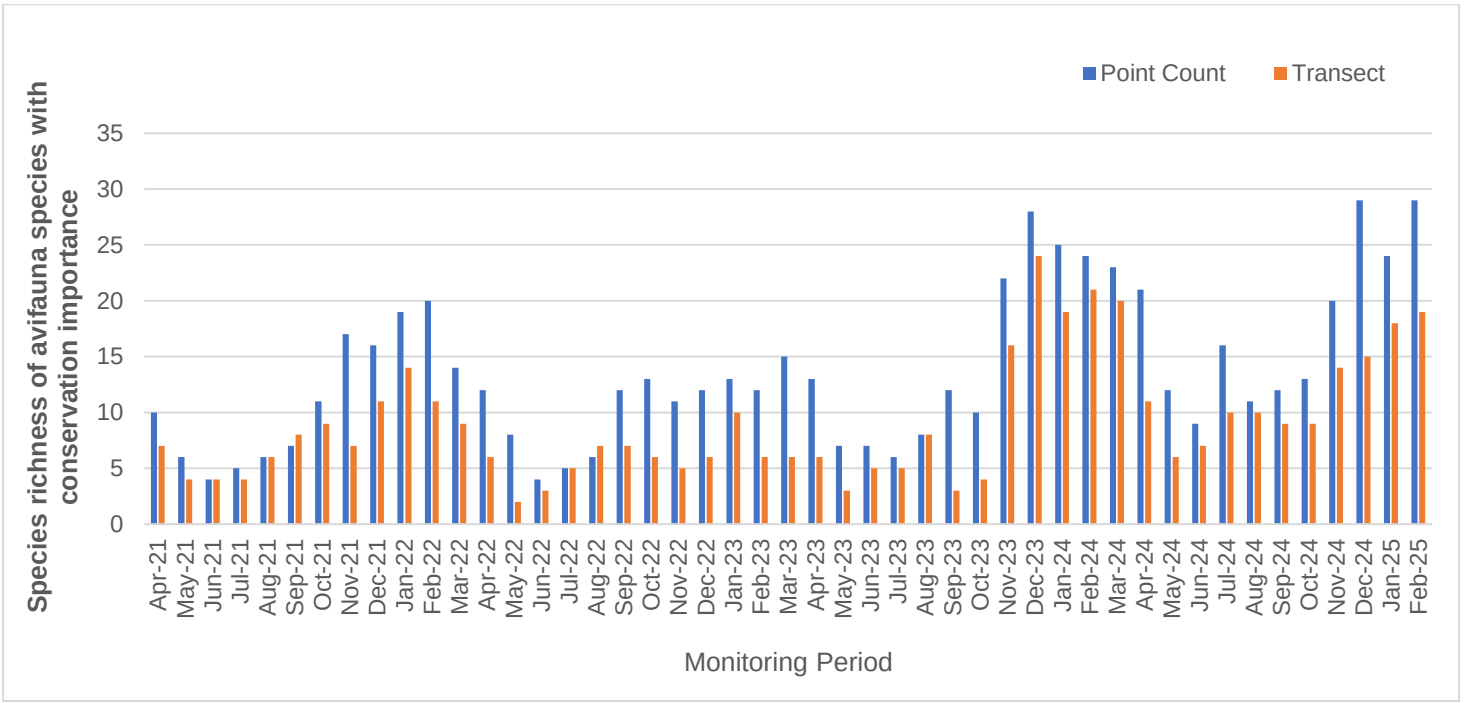
Appendix F.3.2 Abundance of avifauna species with conservation importance throughout the monitoring period



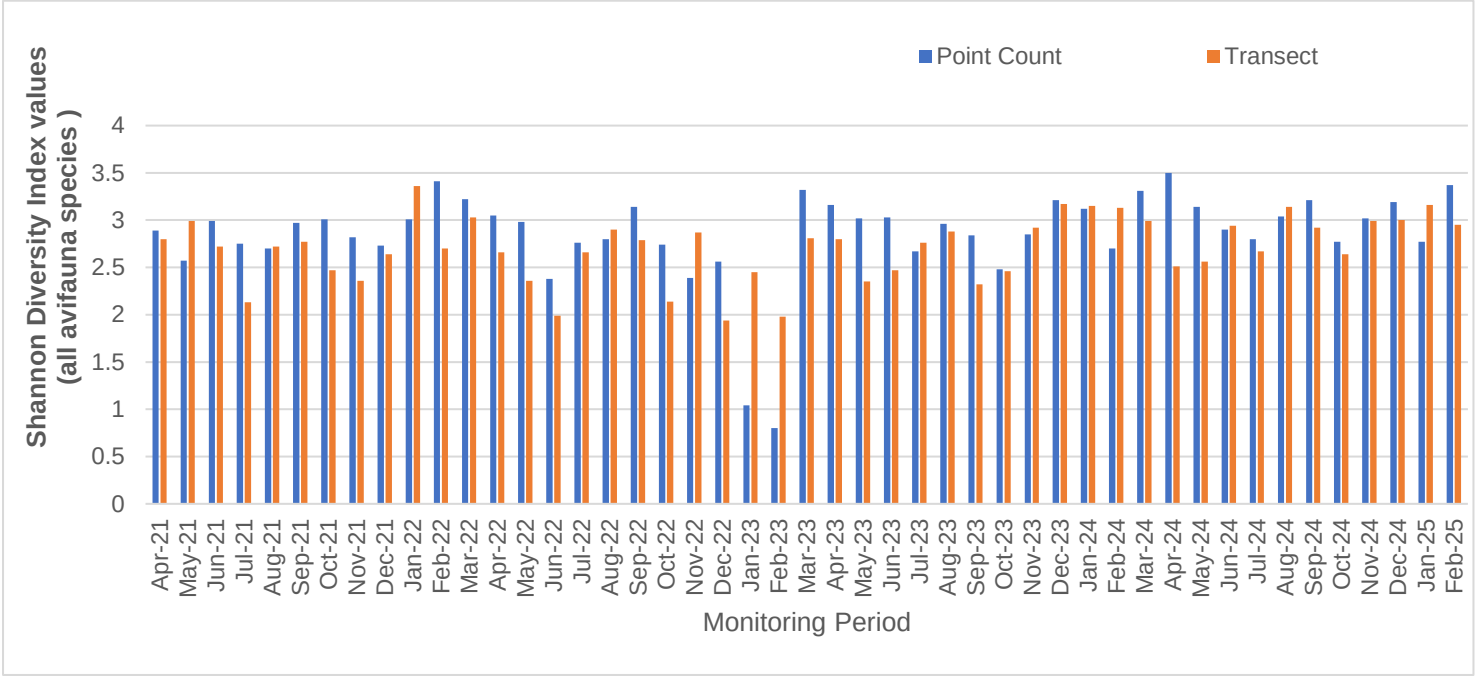
Appendix F.4.1 Species richness of all avifauna species throughout the monitoring period



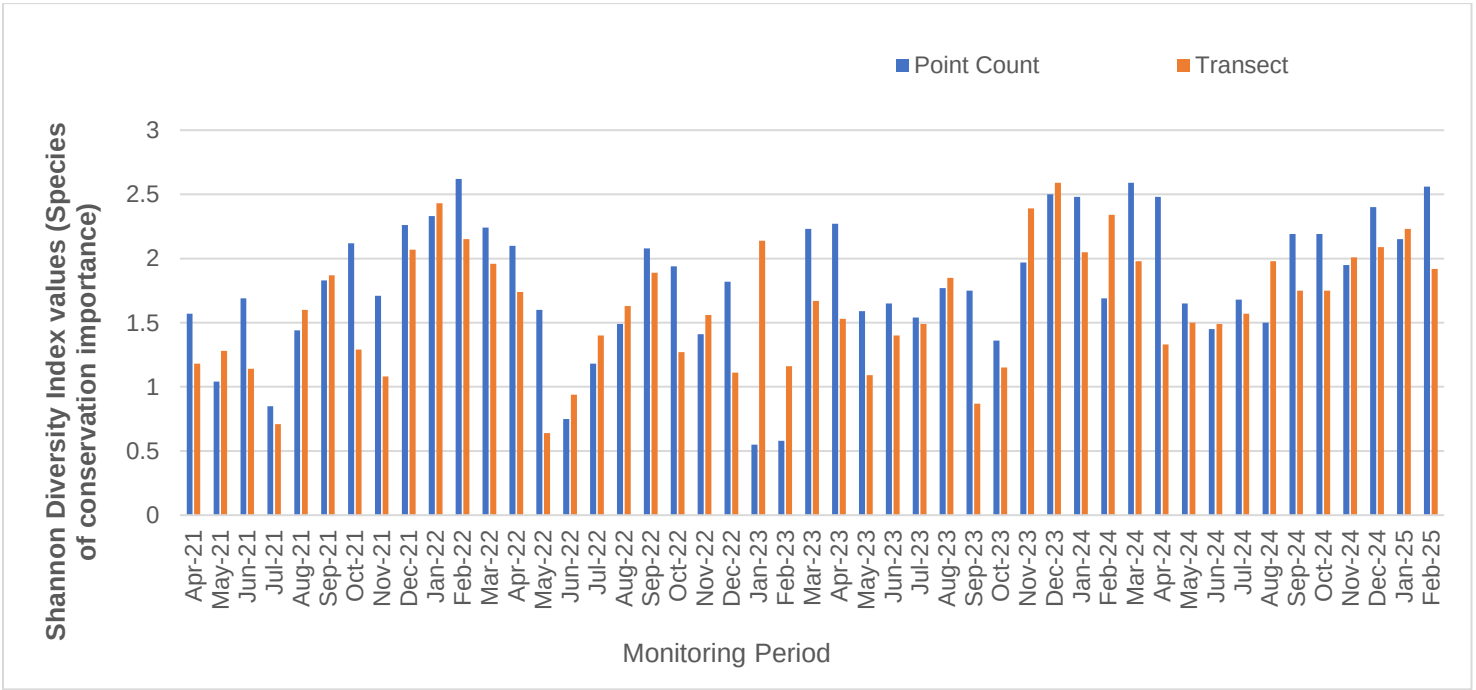
Appendix F.4.2 Species richness of avifauna species with conservation importance throughout the monitoring period



Appendix F.5.1 Shannon Diversity Index values of all avifauna species throughout the monitoring period



Appendix F.5.2 Shannon Diversity Index values of avifauna species with conservation importance throughout the monitoring period



Appendix F.6. Hutcheson t-test testing method and output

Formula:

$$t = \frac{H_a - H_b}{\sqrt{s^2_{H_a} + s^2_{H_b}}}$$

Appendix F.6.1 Species diversity of all avifauna species – Point Count Method

Months	February 2017	February 2025
Total	642	702
Richness	58	63
H	3.3240	3.3707
S^2H	0.0019	0.0018
t	0.7631	
df	1338.9273	
Crit	1.9617	
p	0.4456	
CI	0.087	0.086

Appendix F.6.2 Species diversity of all avifauna species – Transect Walk Method

Months	February 2017	February 2025
Total	2	447
Richness	1	49
H	0	2.9474
S^2H	0	0.0047
t	43.1598	
df	447.0000	
Crit	1.9653	
p	1.62E-161	
CI	0	0.14

Appendix F.6.3 Species diversity of avifauna species with conservation importance – Point Count Method

Months	February 2017	February 2025
Total	447	433
Richness	26	29
H	2.6789	2.5574
S^2H	0.002000	0.002562
t	1.7985	
df	863.3076	
Crit	1.9627	
p	0.07244	
CI	0.0894	0.1012

Appendix F.6.4 Species diversity of avifauna species with conservation importance – Transect Walk Method

Months	February 2017	February 2025
Total	2	283
Richness	1	19
H	0	1.9163
S^2H	0	0.0066
t	23.6017	
df	283.0000	
Crit	1.9684	
p	8.01E-69	
CI	0	0.16