

Air Quality Monitoring Results

1-hour TSP Monitoring Result for
Contract No. SPW 01/2025
Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1

AM1 - Topfine Machinery (China) Co. Ltd.

			1-hour TSP (µg/m³)			Action Level (ug/m³)	Limit Level (ug/m³)
Date	Weather Condition	Start Time	1st Measurement	2nd Measurement	3rd Measurement		
6/7/2026	Cloudy	9:00	36	33	34	291	500
11/7/2026	Sunny	8:43	35	33	34		
17/7/2026	Cloudy	8:44	35	32	36		
23/7/2026	Sunny	8:38	34	33	36		
29/7/2026	Cloudy	8:44	32	35	34		
Min			32				
Max			36				
Average			34				

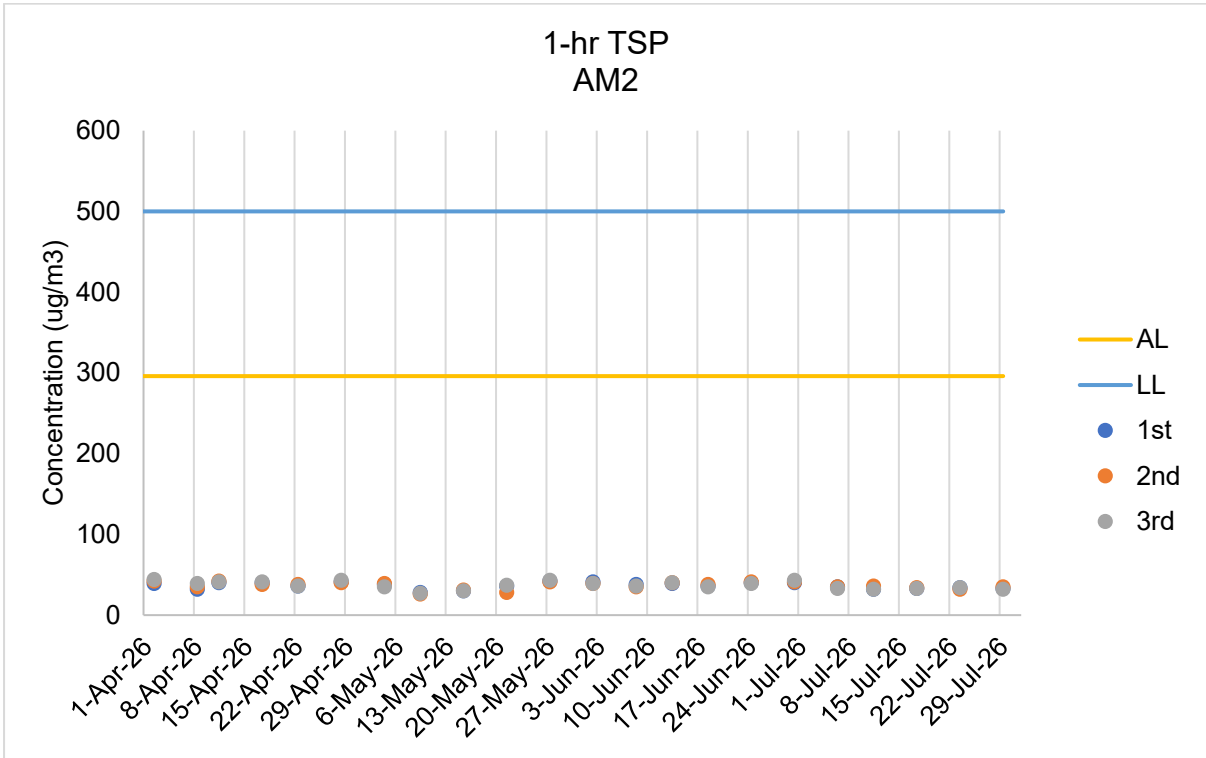
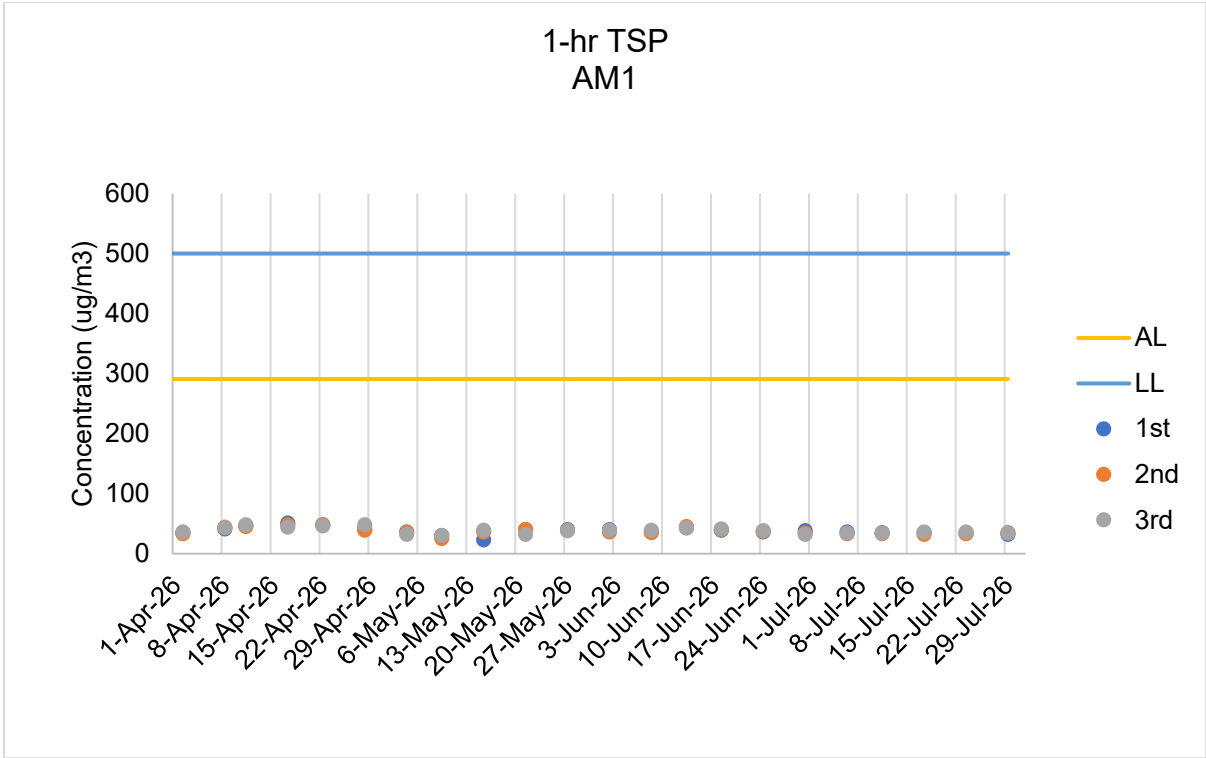
AM2 - Squatter house at the west of Yuen Long STW

			1-hour TSP (µg/m³)			Action Level (ug/m³)	Limit Level (ug/m³)
Date	Weather Condition	Start Time	1st Measurement	2nd Measurement	3rd Measurement		
6/7/2026	Cloudy	13:02	35	35	33	296	500
11/7/2026	Sunny	14:03	32	36	32		
17/7/2026	Cloudy	14:01	33	34	33		
23/7/2026	Sunny	13:54	34	32	34		
29/7/2026	Cloudy	14:00	33	35	32		
Min			32				
Max			36				
Average			34				

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 01/2025
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)
6/7/2026	10:22	60.3	65.4	58.6	0.8	Cloudy	75
17/7/2026	10:03	59.6	64.6	56.7	2.2	Cloudy	75
23/7/2026	10:58	60.6	64.7	57.9	1.7	Sunny	75
29/7/2026	10:06	61.9	66.5	58.4	0.0	Cloudy	75
	Max	61.9					
	Min	59.6					

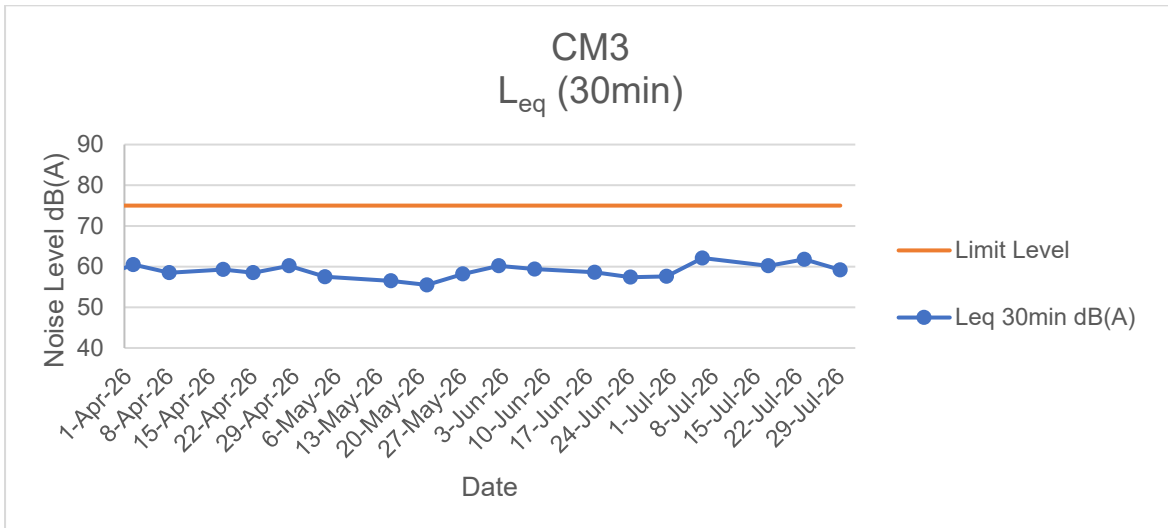
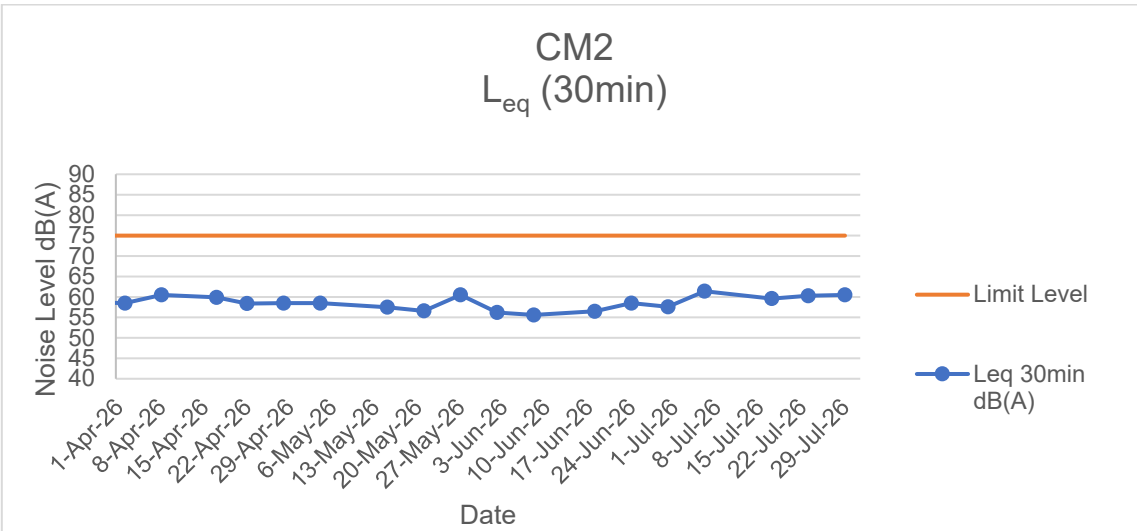
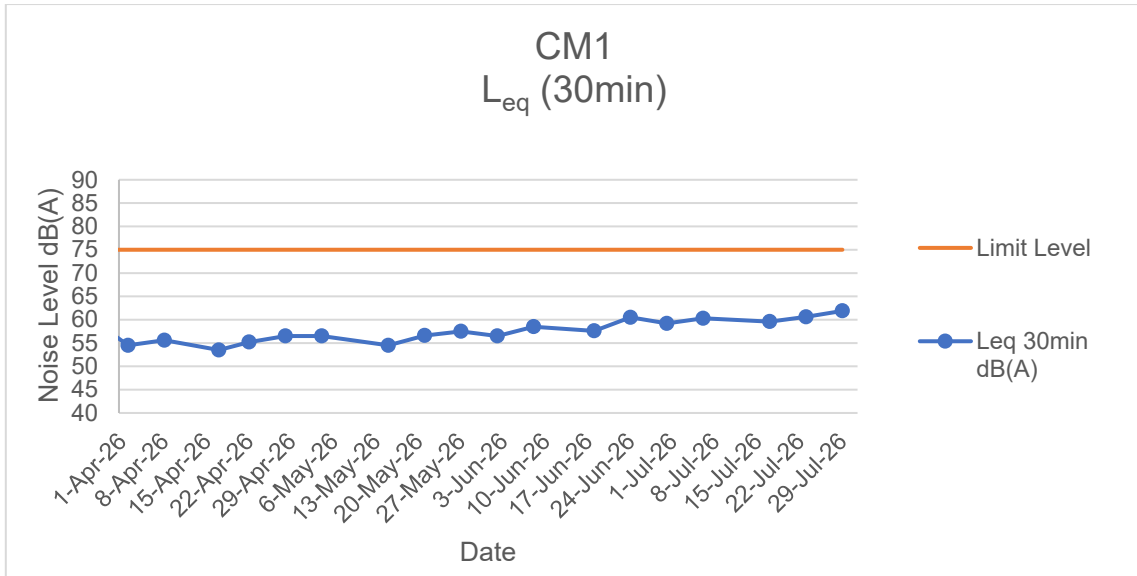
CM2 - Squatter house to the west of YLSTW

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)
6/7/2026	9:08	61.4	62.5	59.6	2.7	Cloudy	75
17/7/2026	8:49	59.6	61.3	58.9	0.0	Cloudy	75
23/7/2026	8:46	60.3	62.1	59.1	0.3	Sunny	75
29/7/2026	8:52	60.5	61.6	58.9	0.0	Cloudy	75
	Max	61.4					
	Min	59.6					

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)
6/7/2026	11:23	62.1	63.5	59.3	0.0	Cloudy	75
17/7/2026	11:07	60.2	59.8	56.8	2.8	Cloudy	75
23/7/2026	11:31	61.8	61.2	59.3	1.7	Sunny	75
29/7/2026	11:12	59.2	59.5	57.6	0.0	Cloudy	75
	Max	62.1					
	Min	59.2					

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 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
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	2/7/2026	Mid-Flood	Cloudy	Low	9:31	2.4	M	1.20	1	0.078	162.431	7.11	7.11	3.64	3.60	26.6	26.60	42.6	42.40	3.11	3.10	26.51	26.335	63	60
M1	2/7/2026	Mid-Flood	Cloudy	Low	9:31	2.4	M	1.20	2			7.1		3.55		26.6		42.2		3.08		26.16		57	
M2	2/7/2026	Mid-Flood	Cloudy	Low	9:56	2.2	M	1.10	1	0.073	186.854	7.13	7.13	3.58	3.62	26.6	26.65	44.0	44.05	3.21	3.22	25.47	25.45	54	52
M2	2/7/2026	Mid-Flood	Cloudy	Low	9:56	2.2	M	1.10	2			7.12		3.66		26.7		44.1		3.22		25.43		50	
M3	2/7/2026	Mid-Flood	Cloudy	Low	10:21	1.9	M	0.95	1	0.092	190.633	7.14	7.14	3.67	3.64	26.6	26.60	56.0	55.20	4.09	4.03	32.97	32.955	52	54
M3	2/7/2026	Mid-Flood	Cloudy	Low	10:21	1.9	M	0.95	2			7.13		3.61		26.6		54.4		3.97		32.94		56	
M1	2/7/2026	Mid-Ebb	Cloudy	Low	15:19	2.4	M	1.20	1	0.058	319.198	7.12	7.13	3.44	3.42	26.5	26.50	43.7	43.70	3.19	3.19	25.58	25.46	56	54
M1	2/7/2026	Mid-Ebb	Cloudy	Low	15:19	2.4	M	1.20	2			7.13		3.4		26.5		43.7		3.19		25.34		52	
M2	2/7/2026	Mid-Ebb	Cloudy	Low	14:54	2.1	M	1.05	1	0.075	337.005	7.13	7.13	3.49	3.52	26.5	26.50	44.9	45.65	3.28	3.34	25.99	26.035	62	60
M2	2/7/2026	Mid-Ebb	Cloudy	Low	14:54	2.1	M	1.05	2			7.13		3.54		26.5		46.4		3.39		26.08		57	
M3	2/7/2026	Mid-Ebb	Cloudy	Low	15:44	1.8	M	0.90	1	0.08	305.913	7.16	7.17	3.88	3.92	26.6	26.65	57.7	57.55	4.21	4.20	30.98	30.86	58	63
M3	2/7/2026	Mid-Ebb	Cloudy	Low	15:44	1.8	M	0.90	2			7.17		3.95		26.7		57.4		4.19		30.74		67	

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	73.2	79.3

Contract No. SPW 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
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	4/7/2026	Mid-Flood	Cloudy	Low	8:54	2.6	M	1.30	1	0.083	181.764	7.21	7.21	2.88	2.86	26.1	26.15	39.5	40.10	2.88	2.93	26.85	26.805	65	62
M1	4/7/2026	Mid-Flood	Cloudy	Low	8:54	2.6	M	1.30	2			7.2		2.83		26.2		40.7		2.97		26.76		59	
M2	4/7/2026	Mid-Flood	Cloudy	Low	9:17	2.3	M	1.15	1	0.093	162.533	7.23	7.22	2.84	2.88	26.1	26.10	38.8	38.80	2.83	2.83	27.74	27.565	56	55
M2	4/7/2026	Mid-Flood	Cloudy	Low	9:17	2.3	M	1.15	2			7.21		2.92		26.1		38.8		2.83		27.39		53	
M3	4/7/2026	Mid-Flood	Cloudy	Low	9:40	2.1	M	1.05	1	0.086	177.106	7.25	7.26	3.18	3.15	26.0	26.00	54.3	54.55	3.96	3.98	33.99	34.12	72	64
M3	4/7/2026	Mid-Flood	Cloudy	Low	9:40	2.1	M	1.05	2			7.27		3.11		26		54.8		4		34.25		56	
M1	4/7/2026	Mid-Ebb	Cloudy	Low	16:24	2.5	M	1.25	1	0.077	336.437	7.19	7.18	2.65	2.65	26.3	26.30	40.7	41.45	2.97	3.03	25.99	25.815	58	60
M1	4/7/2026	Mid-Ebb	Cloudy	Low	16:24	2.5	M	1.25	2			7.17		2.64		26.3		42.2		3.08		25.64		62	
M2	4/7/2026	Mid-Ebb	Cloudy	Low	16:01	2.2	M	1.10	1	0.074	308.323	7.23	7.23	2.68	2.73	26.3	26.30	40.0	39.40	2.92	2.88	26.08	25.945	56	48
M2	4/7/2026	Mid-Ebb	Cloudy	Low	16:01	2.2	M	1.10	2			7.23		2.77		26.3		38.8		2.83		25.81		40	
M3	4/7/2026	Mid-Ebb	Cloudy	Low	16:49	1.9	M	0.95	1	0.074	301.969	7.25	7.26	3.12	3.09	26.2	26.25	55.5	55.85	4.05	4.08	31.18	31.305	54	48
M3	4/7/2026	Mid-Ebb	Cloudy	Low	16:49	1.9	M	0.95	2			7.27		3.06		26.3		56.2		4.1		31.43		41	

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 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
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	7/7/2026	Mid-Flood	Cloudy	Low	10:41	2.4	M	1.20	1	0.084	186.633	7.09	7.08	3.49	3.49	27.1	27.15	43.9	44.60	3.16	3.21	22.15	22.27	24	23
M1	7/7/2026	Mid-Flood	Cloudy	Low	10:41	2.4	M	1.20	2			7.07		3.49		27.2		45.3		3.26		22.39		22	
M2	7/7/2026	Mid-Flood	Cloudy	Low	11:01	2.1	M	1.05	1	0.078	164.596	7.08	7.09	3.53	3.52	27.1	27.15	44.6	43.80	3.21	3.15	21.45	21.45	16	18
M2	7/7/2026	Mid-Flood	Cloudy	Low	11:01	2.1	M	1.05	2			7.09		3.51		27.2		43.0		3.09		21.45		20	
M3	7/7/2026	Mid-Flood	Cloudy	Low	11:23	2	M	1.00	1	0.084	181.514	7.15	7.15	3.94	3.96	27.1	27.10	55.2	55.00	3.97	3.96	29.64	29.785	16	20
M3	7/7/2026	Mid-Flood	Cloudy	Low	11:23	2	M	1.00	2			7.14		3.97		27.1		54.8		3.94		29.93		23	
M1	7/7/2026	Mid-Ebb	Cloudy	Low	17:34	2.4	M	1.20	1	0.058	300.958	7.11	7.10	3.61	3.58	27.2	27.25	42.7	43.10	3.07	3.10	21.85	21.885	23	20
M1	7/7/2026	Mid-Ebb	Cloudy	Low	17:34	2.4	M	1.20	2			7.09		3.54		27.3		43.5		3.13		21.92		17	
M2	7/7/2026	Mid-Ebb	Cloudy	Low	17:09	2.2	M	1.10	1	0.074	321.905	7.12	7.12	3.54	3.51	27.2	27.20	43.9	43.35	3.16	3.12	21.36	21.44	15	16
M2	7/7/2026	Mid-Ebb	Cloudy	Low	17:09	2.2	M	1.10	2			7.12		3.48		27.2		42.8		3.08		21.52		17	
M3	7/7/2026	Mid-Ebb	Cloudy	Low	17:59	1.9	M	0.95	1	0.064	340.353	7.16	7.16	4.03	4.07	27.2	27.20	56.3	56.10	4.05	4.04	31.98	31.825	24	18
M3	7/7/2026	Mid-Ebb	Cloudy	Low	17:59	1.9	M	0.95	2			7.15		4.1		27.2		55.9		4.02		31.67		11	

Remark

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3. Action Level for Turbidity: 95%-ile of baseline data or 120% of upstream control station’ s turbidity recorded on the same day.
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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.
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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 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
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	9/7/2026	Mid-Flood	Cloudy	Low	14:13	2.6	M	1.30	1	0.093	175.903	7.12	7.12	2.99	3.01	26.8	26.80	37.1	37.75	2.71	2.76	18.66	18.76	25	21
M1	9/7/2026	Mid-Flood	Cloudy	Low	14:13	2.6	M	1.30	2			7.12		3.03		26.8		38.4		2.8		18.86		16	
M2	9/7/2026	Mid-Flood	Cloudy	Low	14:38	2.3	M	1.15	1	0.074	167.306	7.11	7.11	2.91	2.96	26.8	26.80	37.3	37.55	2.72	2.74	20.15	20.14	22	21
M2	9/7/2026	Mid-Flood	Cloudy	Low	14:38	2.3	M	1.15	2			7.11		3		26.8		37.8		2.76		20.13		20	
M3	9/7/2026	Mid-Flood	Cloudy	Low	15:01	2.1	M	1.05	1	0.073	170.749	7.15	7.16	3.39	3.38	26.4	26.40	50.8	51.15	3.71	3.74	28.25	28.385	12	19
M3	9/7/2026	Mid-Flood	Cloudy	Low	15:01	2.1	M	1.05	2			7.17		3.36		26.4		51.5		3.76		28.52		25	
M1	9/7/2026	Mid-Ebb	Cloudy	Low	8:25	2.5	M	1.25	1	0.075	322.551	7.11	7.12	2.79	2.80	26.5	26.50	38.8	38.10	2.83	2.78	16.53	16.38	24	24
M1	9/7/2026	Mid-Ebb	Cloudy	Low	8:25	2.5	M	1.25	2			7.13		2.8		26.5		37.4		2.73		16.23		23	
M2	9/7/2026	Mid-Ebb	Cloudy	Low	8:00	2.2	M	1.10	1	0.068	303.374	7.11	7.12	2.82	2.81	26.5	26.50	39.7	38.95	2.9	2.85	20.11	20.015	23	24
M2	9/7/2026	Mid-Ebb	Cloudy	Low	8:00	2.2	M	1.10	2			7.13		2.8		26.5		38.2		2.79		19.92		25	
M3	9/7/2026	Mid-Ebb	Cloudy	Low	8:50	1.9	M	0.95	1	0.069	315.565	7.14	7.15	3.60	3.59	26.3	26.30	52.7	53.40	3.85	3.90	29.82	29.62	28	25
M3	9/7/2026	Mid-Ebb	Cloudy	Low	8:50	1.9	M	0.95	2			7.16		3.58		26.3		54.1		3.95		29.42		21	

Remark

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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 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
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	11/7/2026	Mid-Flood	Sunny	Low	17:43	2.4	M	1.20	1	0.095	166.499	7.15	7.15	3.63	3.65	27.3	27.30	39.5	40.10	2.82	2.87	21.75	21.635	24	25
M1	11/7/2026	Mid-Flood	Sunny	Low	17:43	2.4	M	1.20	2			7.15		3.66		27.3		40.7		2.91		21.52		26	
M2	11/7/2026	Mid-Flood	Sunny	Low	18:06	2.2	M	1.10	1	0.073	177.985	7.14	7.14	3.71	3.67	27.3	27.30	38.6	38.75	2.76	2.77	21.81	21.785	25	25
M2	11/7/2026	Mid-Flood	Sunny	Low	18:06	2.2	M	1.10	2			7.13		3.62		27.3		38.9		2.78		21.76		25	
M3	11/7/2026	Mid-Flood	Sunny	Low	18:30	1.9	M	0.95	1	0.088	161.991	7.19	7.19	4.25	4.26	27.3	27.30	52.8	53.40	3.77	3.82	29.61	29.575	26	27
M3	11/7/2026	Mid-Flood	Sunny	Low	18:30	1.9	M	0.95	2			7.19		4.26		27.3		54.0		3.86		29.54		27	
M1	11/7/2026	Mid-Ebb	Sunny	Low	10:31	2.4	M	1.20	1	0.075	314.209	7.14	7.14	3.71	3.69	27.5	27.55	38.8	38.30	2.77	2.74	22.25	22.24	26	27
M1	11/7/2026	Mid-Ebb	Sunny	Low	10:31	2.4	M	1.20	2			7.13		3.66		27.6		37.8		2.7		22.23		27	
M2	11/7/2026	Mid-Ebb	Sunny	Low	10:09	2.1	M	1.05	1	0.08	324.134	7.15	7.16	3.81	3.84	27.5	27.50	38.8	38.10	2.77	2.72	21.39	21.275	23	24
M2	11/7/2026	Mid-Ebb	Sunny	Low	10:09	2.1	M	1.05	2			7.17		3.86		27.5		37.4		2.67		21.16		24	
M3	11/7/2026	Mid-Ebb	Sunny	Low	10:56	1.8	M	0.90	1	0.081	330.778	7.2	7.21	4.46	4.47	27.5	27.55	51.9	52.05	3.71	3.72	31.30	31.245	23	23
M3	11/7/2026	Mid-Ebb	Sunny	Low	10:56	1.8	M	0.90	2			7.22		4.48		27.6		52.2		3.73		31.19		22	

Remark

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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 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
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	14/7/2026	Mid-Flood	Cloudy	Low	17:39	2.4	M	1.20	1	0.075	164.402	7.19	7.19	3.97	3.96	26.3	26.30	43.3	43.45	3.16	3.17	22.65	22.65	33	26
M1	14/7/2026	Mid-Flood	Cloudy	Low	17:39	2.4	M	1.20	2			7.19		3.95		26.3		43.6		3.18		22.65		19	
M2	14/7/2026	Mid-Flood	Cloudy	Low	18:04	2.1	M	1.05	1	0.077	183.374	7.21	7.21	4.03	4.02	26.3	26.35	45.1	44.15	3.29	3.22	23.48	23.465	19	22
M2	14/7/2026	Mid-Flood	Cloudy	Low	18:04	2.1	M	1.05	2			7.2		4.01		26.4		43.2		3.15		23.45		25	
M3	14/7/2026	Mid-Flood	Cloudy	Low	18:20	2	M	1.00	1	0.088	163.982	7.25	7.24	4.59	4.60	26.3	26.35	55.5	54.60	4.05	3.99	31.24	31.16	15	19
M3	14/7/2026	Mid-Flood	Cloudy	Low	18:20	2	M	1.00	2			7.23		4.61		26.4		53.7		3.92		31.08		22	
M1	14/7/2026	Mid-Ebb	Cloudy	Low	12:41	2.3	M	1.15	1	0.079	307.474	7.18	7.18	3.83	3.84	26.9	26.95	44.0	43.15	3.21	3.15	19.99	20.125	32	33
M1	14/7/2026	Mid-Ebb	Cloudy	Low	12:41	2.3	M	1.15	2			7.18		3.85		27.0		42.3		3.09		20.26		33	
M2	14/7/2026	Mid-Ebb	Cloudy	Low	12:16	2.1	M	1.05	1	0.064	309.703	7.2	7.21	3.80	3.81	26.9	26.90	45.6	44.70	3.33	3.27	20.15	20.16	29	32
M2	14/7/2026	Mid-Ebb	Cloudy	Low	12:16	2.1	M	1.05	2			7.22		3.81		26.9		43.8		3.2		20.17		34	
M3	14/7/2026	Mid-Ebb	Cloudy	Low	13:01	1.9	M	0.95	1	0.06	343.247	7.3	7.31	4.49	4.45	26.9	26.90	57.4	58.00	4.19	4.24	32.33	32.14	36	34
M3	14/7/2026	Mid-Ebb	Cloudy	Low	13:01	1.9	M	0.95	2			7.32		4.41		26.9		58.6		4.28		31.95		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 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
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	16/7/2026	Mid-Flood	Cloudy	Low	9:36	2.5	M	1.25	1	0.074	169.661	7.13	7.12	3.03	2.99	26.8	26.85	42.6	42.60	3.11	3.11	24.99	24.8	25	26
M1	16/7/2026	Mid-Flood	Cloudy	Low	9:36	2.5	M	1.25	2			7.11		2.95		26.9		42.6		3.11		24.61		26	
M2	16/7/2026	Mid-Flood	Cloudy	Low	10:03	2.3	M	1.15	1	0.094	189.617	7.12	7.12	2.88	2.86	26.8	26.85	43.4	43.90	3.17	3.21	25.29	25.305	28	28
M2	16/7/2026	Mid-Flood	Cloudy	Low	10:03	2.3	M	1.15	2			7.12		2.83		26.9		44.4		3.24		25.32		28	
M3	16/7/2026	Mid-Flood	Cloudy	Low	10:22	2	M	1.00	1	0.075	166.849	7.16	7.16	3.37	3.37	26.9	26.90	56.6	56.45	4.13	4.12	37.12	37.255	28	29
M3	16/7/2026	Mid-Flood	Cloudy	Low	10:22	2	M	1.00	2			7.16		3.37		26.9		56.3		4.11		37.39		29	
M1	16/7/2026	Mid-Ebb	Cloudy	Low	15:11	2.4	M	1.20	1	0.081	329.597	7.11	7.12	2.76	2.72	26.5	26.55	42.2	42.00	3.08	3.07	23.52	23.425	28	29
M1	16/7/2026	Mid-Ebb	Cloudy	Low	15:11	2.4	M	1.20	2			7.12		2.67		26.6		41.8		3.05		23.33		29	
M2	16/7/2026	Mid-Ebb	Cloudy	Low	14:48	2.2	M	1.10	1	0.072	329.731	7.12	7.12	2.70	2.66	26.5	26.50	41.8	41.60	3.05	3.04	24.99	25.085	29	29
M2	16/7/2026	Mid-Ebb	Cloudy	Low	14:48	2.2	M	1.10	2			7.12		2.61		26.5		41.4		3.02		25.18		29	
M3	16/7/2026	Mid-Ebb	Cloudy	Low	15:22	1.8	M	0.90	1	0.061	316.315	7.17	7.17	3.56	3.60	26.6	26.65	55.6	56.30	4.06	4.11	38.11	38.215	29	29
M3	16/7/2026	Mid-Ebb	Cloudy	Low	15:22	1.8	M	0.90	2			7.16		3.64		26.7		57.0		4.16		38.32		28	

Remark

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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 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
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	18/7/2026	Mid-Flood	Cloudy	Low	9:14	2.4	M	1.20	1	0.082	183.62	7.08	7.08	3.35	3.31	26.1	26.10	37.1	36.55	2.71	2.67	22.05	22.215	31	31
M1	18/7/2026	Mid-Flood	Cloudy	Low	9:14	2.4	M	1.20	2			7.07		3.27		26.1		36.0		2.63		22.38		30	
M2	18/7/2026	Mid-Flood	Cloudy	Low	9:39	2.2	M	1.10	1	0.094	173.43	7.09	7.09	3.48	3.47	26.1	26.10	39.6	39.60	2.89	2.89	21.98	22	26	28
M2	18/7/2026	Mid-Flood	Cloudy	Low	9:39	2.2	M	1.10	2			7.09		3.45		26.1		39.6		2.89		22.02		30	
M3	18/7/2026	Mid-Flood	Cloudy	Low	10:04	1.9	M	0.95	1	0.076	189.305	7.14	7.15	3.96	3.94	26.1	26.15	50.4	50.35	3.68	3.68	34.21	34.11	23	21
M3	18/7/2026	Mid-Flood	Cloudy	Low	10:04	1.9	M	0.95	2			7.15		3.92		26.2		50.3		3.67		34.01		19	
M1	18/7/2026	Mid-Ebb	Cloudy	Low	16:30	2.4	M	1.20	1	0.07	316.262	7.07	7.08	3.29	3.29	26.6	26.60	38.2	38.20	2.79	2.79	21.10	20.945	31	31
M1	18/7/2026	Mid-Ebb	Cloudy	Low	16:30	2.4	M	1.20	2			7.09		3.28		26.6		38.2		2.79		20.79		30	
M2	18/7/2026	Mid-Ebb	Cloudy	Low	16:06	2.1	M	1.05	1	0.079	338.244	7.08	7.08	3.35	3.32	26.6	26.65	39.7	39.80	2.9	2.91	20.89	20.755	29	29
M2	18/7/2026	Mid-Ebb	Cloudy	Low	16:06	2.1	M	1.05	2			7.08		3.29		26.7		39.9		2.91		20.62		28	
M3	18/7/2026	Mid-Ebb	Cloudy	Low	16:55	1.8	M	0.90	1	0.063	343.759	7.13	7.13	4.08	4.10	26.6	26.65	51.4	50.55	3.75	3.69	30.30	30.325	29	29
M3	18/7/2026	Mid-Ebb	Cloudy	Low	16:55	1.8	M	0.90	2			7.13		4.12		26.7		49.7		3.63		30.35		29	

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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 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
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	21/7/2026	Mid-Flood	Cloudy	Low	10:48	2.4	M	1.20	1	0.091	186.871	7.12	7.13	2.89	2.85	27.3	27.35	39.9	40.50	2.91	2.96	26.99	26.935	35	34
M1	21/7/2026	Mid-Flood	Cloudy	Low	10:48	2.4	M	1.20	2			7.14		2.81		27.4		41.1		3		26.88		33	
M2	21/7/2026	Mid-Flood	Cloudy	Low	11:15	2.1	M	1.05	1	0.087	179.355	7.13	7.14	2.81	2.80	27.3	27.35	41.9	42.55	3.06	3.11	27.31	27.385	35	34
M2	21/7/2026	Mid-Flood	Cloudy	Low	11:15	2.1	M	1.05	2			7.14		2.78		27.4		43.2		3.15		27.46		33	
M3	21/7/2026	Mid-Flood	Cloudy	Low	11:40	2	M	1.00	1	0.088	183.115	7.16	7.17	3.38	3.40	27.3	27.35	54.7	54.75	3.99	4.00	38.99	38.975	36	41
M3	21/7/2026	Mid-Flood	Cloudy	Low	11:40	2	M	1.00	2			7.17		3.41		27.4		54.8		4		38.96		46	
M1	21/7/2026	Mid-Ebb	Cloudy	Low	17:37	2.3	M	1.15	1	0.073	322.833	7.13	7.12	2.81	2.81	27.1	27.10	39.5	39.05	2.88	2.85	26.35	26.23	48	41
M1	21/7/2026	Mid-Ebb	Cloudy	Low	17:37	2.3	M	1.15	2			7.11		2.81		27.1		38.6		2.82		26.11		33	
M2	21/7/2026	Mid-Ebb	Cloudy	Low	17:10	2.1	M	1.05	1	0.076	341.519	7.11	7.12	2.77	2.82	27.1	27.15	41.0	41.60	2.99	3.04	27.55	27.675	45	46
M2	21/7/2026	Mid-Ebb	Cloudy	Low	17:10	2.1	M	1.05	2			7.13		2.86		27.2		42.2		3.08		27.8		47	
M3	21/7/2026	Mid-Ebb	Cloudy	Low	18:02	1.9	M	0.95	1	0.073	336.237	7.16	7.15	3.45	3.46	27.1	27.15	54.1	53.65	3.95	3.92	39.04	38.93	45	41
M3	21/7/2026	Mid-Ebb	Cloudy	Low	18:02	1.9	M	0.95	2			7.14		3.46		27.2		53.2		3.88		38.82		37	

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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 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
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	23/7/2026	Mid-Flood	Sunny	Low	15:41	2.4	M	1.20	1	0.082	169.376	7.21	7.21	2.93	2.96	27.3	27.30	40.2	40.40	2.98	3.00	21.23	21.405	33	34
M1	23/7/2026	Mid-Flood	Sunny	Low	15:41	2.4	M	1.20	2			7.2		2.98		27.3		40.6		3.01		21.58		34	
M2	23/7/2026	Mid-Flood	Sunny	Low	16:06	2.2	M	1.10	1	0.091	170.651	7.23	7.24	2.82	2.86	27.3	27.35	41.4	41.00	3.07	3.04	21.71	21.56	33	34
M2	23/7/2026	Mid-Flood	Sunny	Low	16:06	2.2	M	1.10	2			7.25		2.9		27.4		40.6		3.01		21.41		34	
M3	23/7/2026	Mid-Flood	Sunny	Low	16:31	1.9	M	0.95	1	0.091	165.683	7.29	7.28	3.29	3.27	27.1	27.10	54.7	54.50	4.05	4.04	32.07	32.2	41	41
M3	23/7/2026	Mid-Flood	Sunny	Low	16:31	1.9	M	0.95	2			7.27		3.24		27.1		54.3		4.02		32.33		40	
M1	23/7/2026	Mid-Ebb	Sunny	Low	8:33	2.4	M	1.20	1	0.073	336.743	7.18	7.17	2.69	2.70	27.1	27.10	39.3	38.95	2.91	2.89	22.00	22.065	37	38
M1	23/7/2026	Mid-Ebb	Sunny	Low	8:33	2.4	M	1.20	2			7.16		2.7		27.1		38.6		2.86		22.13		38	
M2	23/7/2026	Mid-Ebb	Sunny	Low	8:05	2.1	M	1.05	1	0.059	323.819	7.2	7.21	2.82	2.86	27.1	27.10	41.7	41.55	3.09	3.08	21.62	21.465	33	40
M2	23/7/2026	Mid-Ebb	Sunny	Low	8:05	2.1	M	1.05	2			7.21		2.89		27.1		41.4		3.07		21.31		47	
M3	23/7/2026	Mid-Ebb	Sunny	Low	8:55	1.8	M	0.90	1	0.078	331.972	7.3	7.30	3.55	3.52	27.0	27.05	55.5	55.50	4.11	4.11	34.12	33.9	39	35
M3	23/7/2026	Mid-Ebb	Sunny	Low	8:55	1.8	M	0.90	2			7.3		3.48		27.1		55.5		4.11		33.68		30	

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 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
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				Low					1				0.00		0.00		0.00		0.00		0.00		0		0
M1				Low				2																	
M2				Low					1				0.00		0.00		0.00		0.00		0.00		0		0
M2				Low				2																	
M3				Low					1				0.00		0.00		0.00		0.00		0.00		0		0
M3				Low				2																	
M1	25/7/2026	Mid-Ebb	Cloudy	Low	10:53	2.4	M	1.20	1	0.058	335.879	7.06	7.06	2.25	2.29	25.6	25.60	46.0	46.05	3.36	3.36	31.47	31.565	38	45
M1	25/7/2026	Mid-Ebb	Cloudy	Low	10:53	2.4	M	1.20	2			7.06		2.32		25.6		46.1		3.36		31.66		52	
M2	25/7/2026	Mid-Ebb	Cloudy	Low	10:28	2.2	M	1.10	1	0.066	308.006	7.05	7.06	2.35	2.38	25.6	25.60	48.6	48.70	3.55	3.56	32.25	32.295	36	39
M2	25/7/2026	Mid-Ebb	Cloudy	Low	10:28	2.2	M	1.10	2			7.06		2.4		25.6		48.8		3.56		32.34		42	
M3	25/7/2026	Mid-Ebb	Cloudy	Low	11:18	1.8	M	0.90	1	0.08	319.992	7.09	7.10	2.88	2.86	25.6	25.60	56.3	56.25	4.11	4.11	41.99	42.125	48	50
M3	25/7/2026	Mid-Ebb	Cloudy	Low	11:18	1.8	M	0.90	2			7.11		2.84		25.6		56.2		4.1		42.26		52	

Remark

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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 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
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	28/7/2026	Mid-Flood	Cloudy	Low	17:31	2.5	M	1.25	1	0.088	173.082	7.18	7.19	3.36	3.41	26.6	26.60	44.6	43.65	3.28	3.21	21.52	21.51	16	16
M1	28/7/2026	Mid-Flood	Cloudy	Low	17:31	2.5	M	1.25	2			7.2		3.45		26.6		42.7		3.14		21.5		15	
M2	28/7/2026	Mid-Flood	Cloudy	Low	17:56	2.3	M	1.15	1	0.091	168.01	7.17	7.16	3.44	3.49	26.6	26.65	46.2	46.35	3.4	3.41	21.77	21.765	14	28
M2	28/7/2026	Mid-Flood	Cloudy	Low	17:56	2.3	M	1.15	2			7.15		3.53		26.7		46.5		3.42		21.76		42	
M3	28/7/2026	Mid-Flood	Cloudy	Low	18:21	2	M	1.00	1	0.086	187.943	7.25	7.24	3.80	3.85	26.6	26.65	57.5	57.80	4.23	4.25	30.22	30.305	15	33
M3	28/7/2026	Mid-Flood	Cloudy	Low	18:21	2	M	1.00	2			7.23		3.89		26.7		58.1		4.27		30.39		50	
M1	28/7/2026	Mid-Ebb	Cloudy	Low	12:29	2.4	M	1.20	1	0.066	326.885	7.17	7.17	3.51	3.56	27.1	27.15	42.8	42.75	3.15	3.15	21.91	21.85	33	26
M1	28/7/2026	Mid-Ebb	Cloudy	Low	12:29	2.4	M	1.20	2			7.16		3.6		27.2		42.7		3.14		21.79		18	
M2	28/7/2026	Mid-Ebb	Cloudy	Low	12:04	2.2	M	1.10	1	0.066	300.437	7.19	7.19	3.49	3.53	27.1	27.15	45.6	45.30	3.35	3.33	21.49	21.49	40	42
M2	28/7/2026	Mid-Ebb	Cloudy	Low	12:04	2.2	M	1.10	2			7.18		3.57		27.2		45.0		3.31		21.49		43	
M3	28/7/2026	Mid-Ebb	Cloudy	Low	12:54	1.8	M	0.90	1	0.064	343.702	7.24	7.25	3.94	3.96	27.1	27.10	59.3	58.70	4.36	4.32	34.61	34.485	36	25
M3	28/7/2026	Mid-Ebb	Cloudy	Low	12:54	1.8	M	0.90	2			7.25		3.98		27.1		58.1		4.27		34.36		14	

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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 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
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	30/7/2026	Mid-Flood	Cloudy	Low	8:49	2.4	M	1.20	1	0.09	181.214	7.14	7.14	3.01	3.00	27.1	27.10	42.9	42.45	3.11	3.14	21.24	21.365	15	14
M1	30/7/2026	Mid-Flood	Cloudy	Low	8:49	2.4	M	1.20	2			7.13		2.99		27.1		42.0		3.16		21.49		12	
M2	30/7/2026	Mid-Flood	Cloudy	Low	9:14	2.1	M	1.05	1	0.075	167.842	7.13	7.13	2.81	2.83	27.1	27.15	43.9	44.05	3.18	3.22	21.25	21.155	11	10
M2	30/7/2026	Mid-Flood	Cloudy	Low	9:14	2.1	M	1.05	2			7.13		2.85		27.2		44.2		3.26		21.06		8	
M3	30/7/2026	Mid-Flood	Cloudy	Low	9:35	2	M	1.00	1	0.082	186.716	7.19	7.20	3.26	3.31	26.9	26.90	56.4	55.80	4.09	4.10	29.43	29.225	8	9
M3	30/7/2026	Mid-Flood	Cloudy	Low	9:35	2	M	1.00	2			7.2		3.35		26.9		55.2		4.11		29.02		10	
M1	30/7/2026	Mid-Ebb	Cloudy	Low	14:27	2.3	M	1.15	1	0.071	315.246	7.13	7.12	2.83	2.80	27.5	27.55	41.3	40.40	2.99	3.03	22.11	21.97	9	9
M1	30/7/2026	Mid-Ebb	Cloudy	Low	14:27	2.3	M	1.15	2			7.11		2.76		27.6		39.5		3.07		21.83		8	
M2	30/7/2026	Mid-Ebb	Cloudy	Low	14:02	2.1	M	1.05	1	0.08	307.301	7.12	7.11	2.76	2.72	27.5	27.50	43.2	43.60	3.13	3.14	22.00	21.795	8	9
M2	30/7/2026	Mid-Ebb	Cloudy	Low	14:02	2.1	M	1.05	2			7.1		2.68		27.5		44.0		3.15		21.59		9	
M3	30/7/2026	Mid-Ebb	Cloudy	Low	14:36	1.9	M	0.95	1	0.065	303.685	7.19	7.19	3.47	3.47	27.3	27.30	57.3	56.95	4.15	4.13	32.29	32.08	9	9
M3	30/7/2026	Mid-Ebb	Cloudy	Low	14:36	1.9	M	0.95	2			7.18		3.46		27.3		56.6		4.1		31.87		9	

Remark

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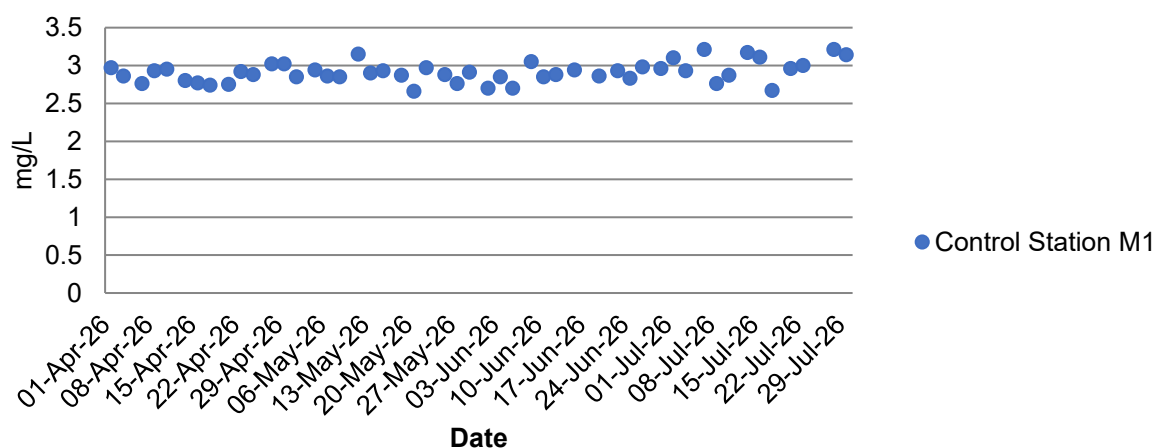
For Flood Tide

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

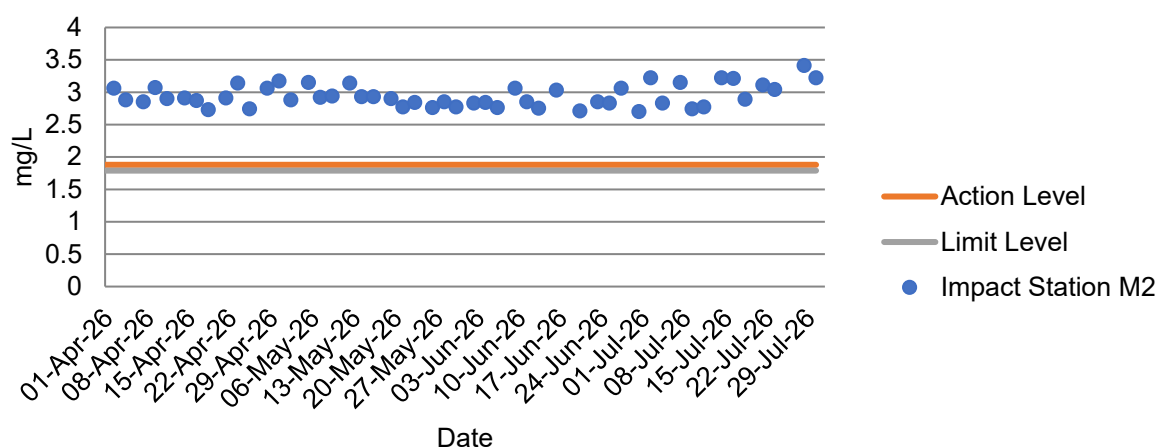
For Ebb Tide

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

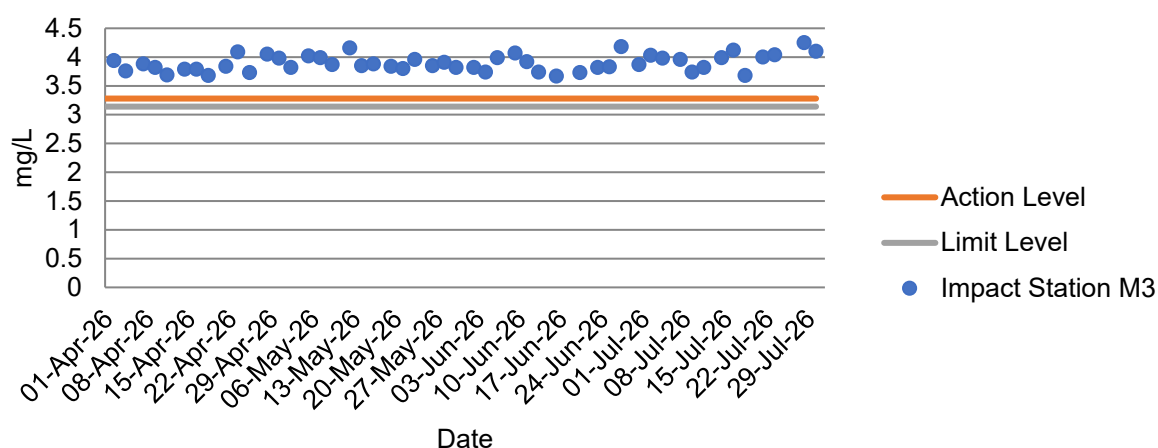
Dissolved Oxygen at Mid-Flood Tide



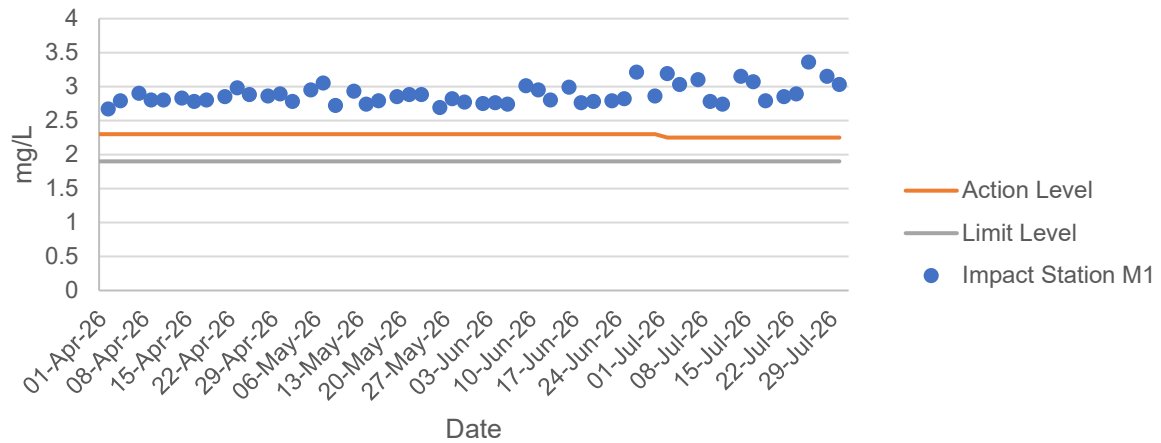
Dissolved Oxygen at Mid-Flood Tide



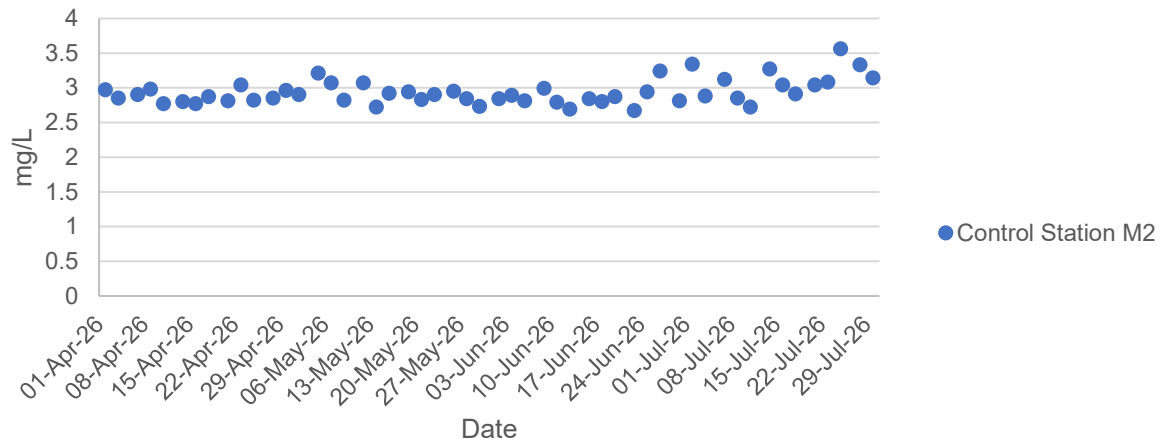
Dissolved Oxygen at Mid-Flood Tide



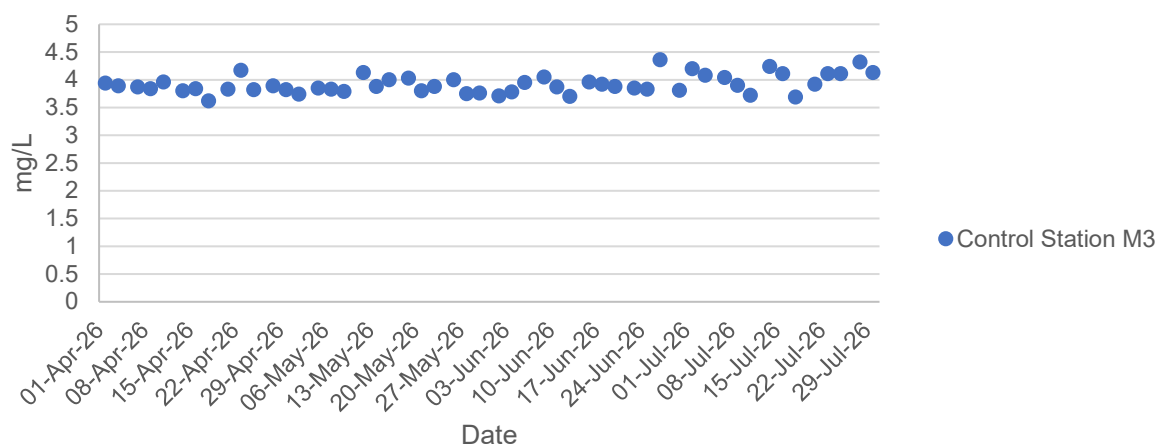
Dissolved Oxygen at Mid-Ebb Tide

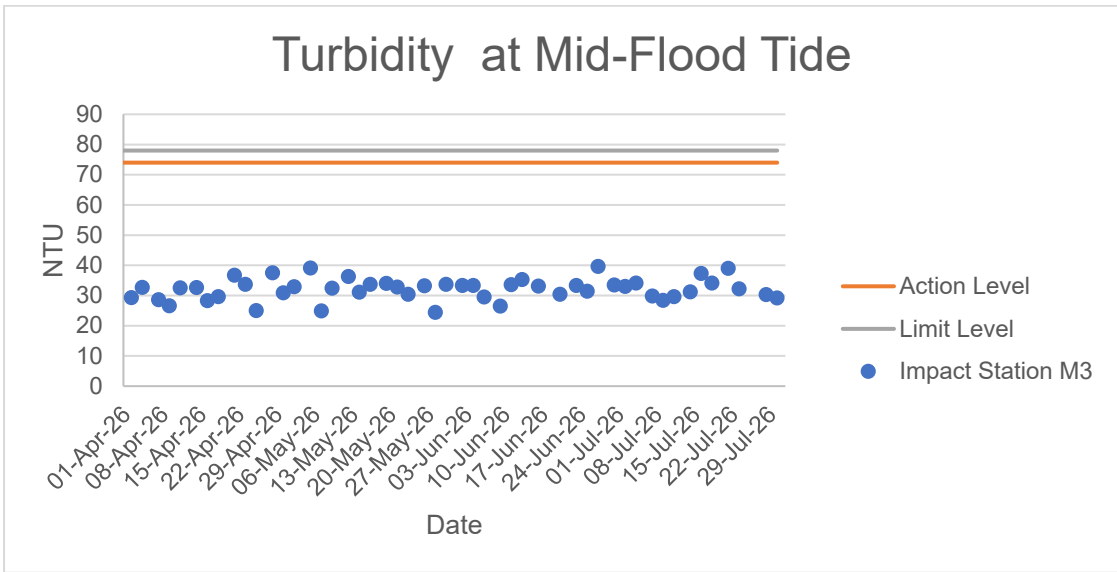
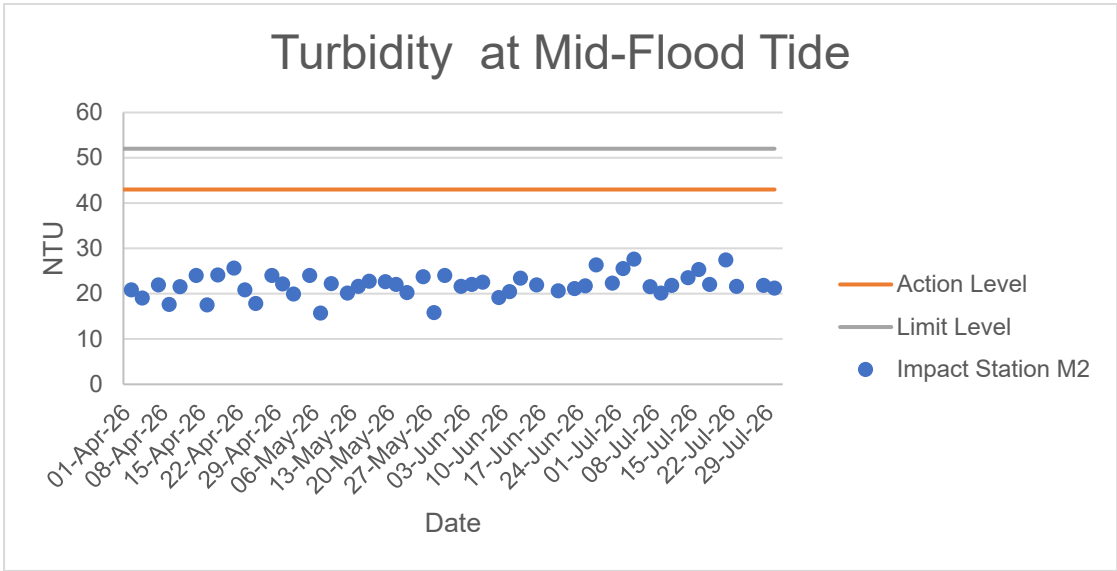
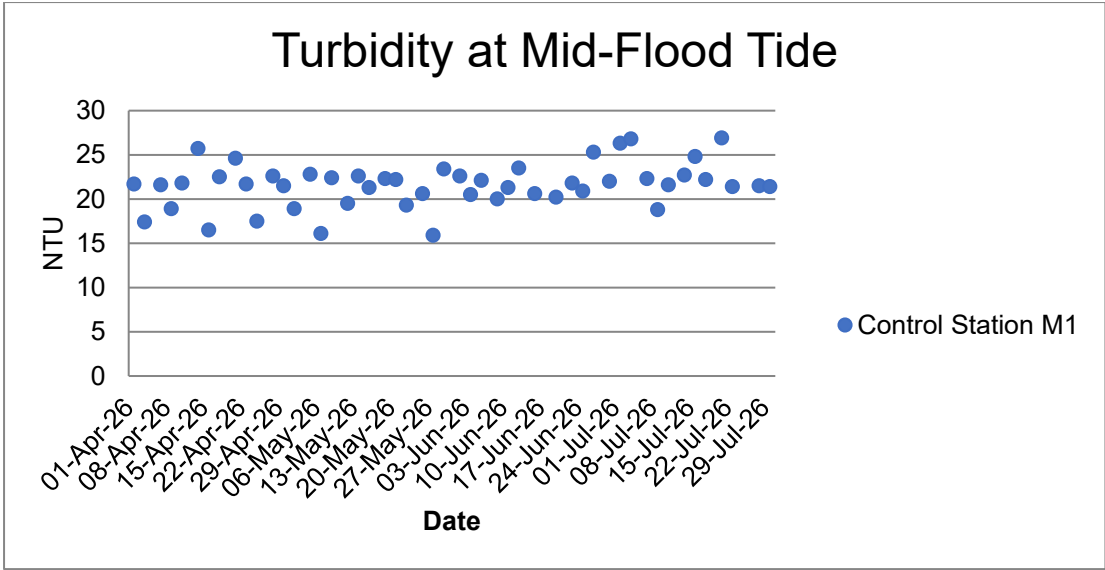


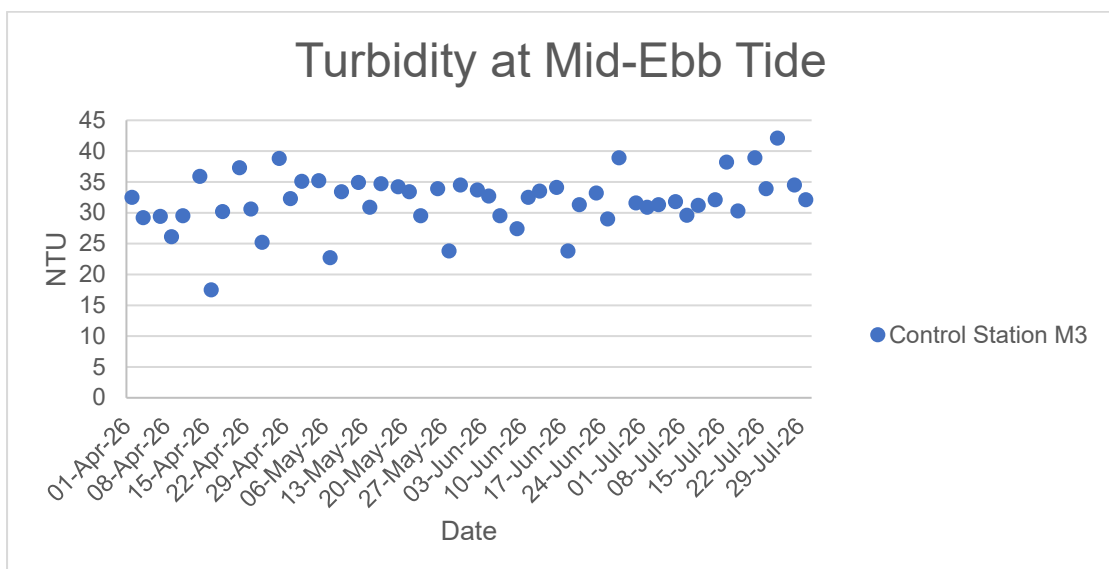
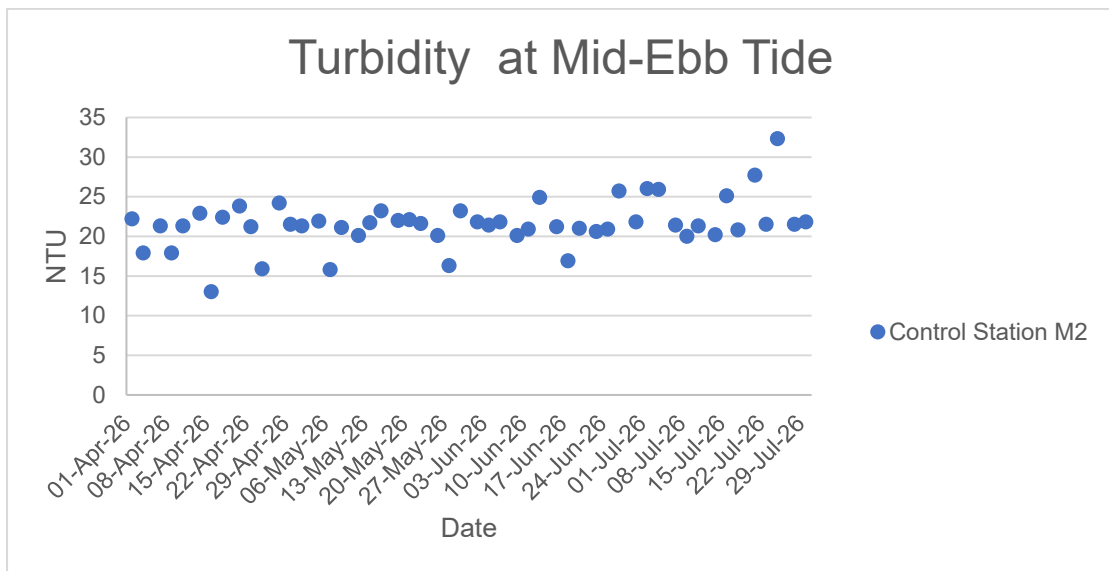
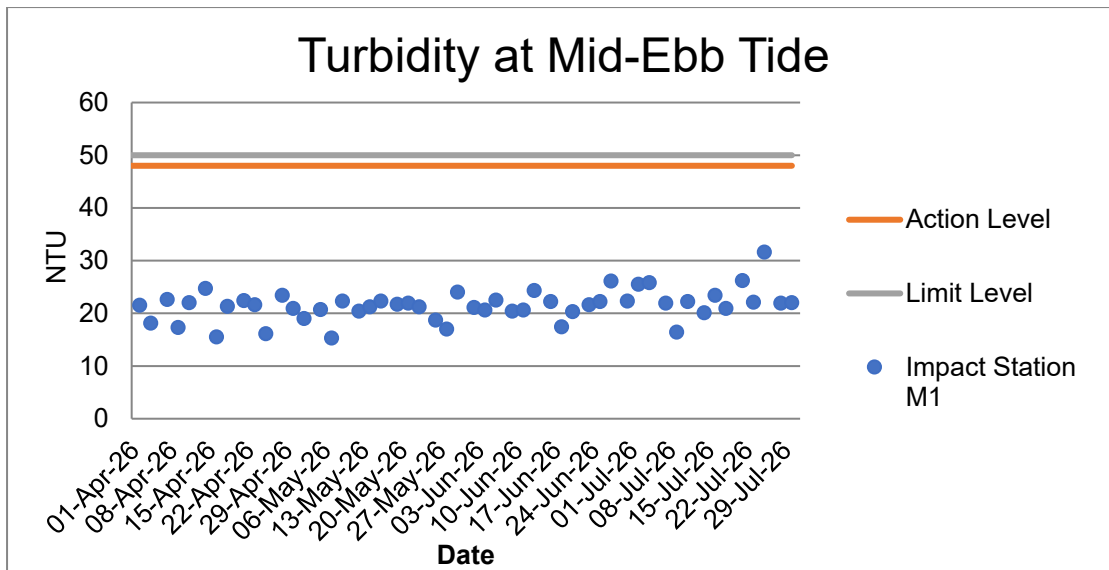
Dissolved Oxygen at Mid-Ebb Tide



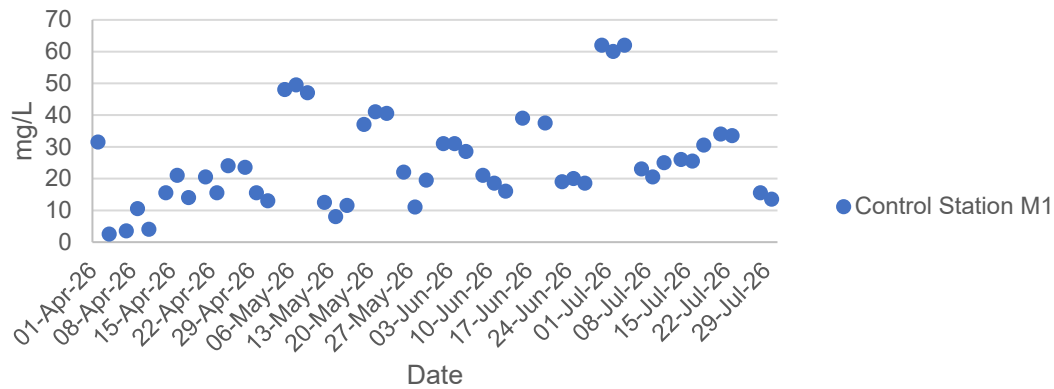
Dissolved Oxygen at Mid-Ebb Tide



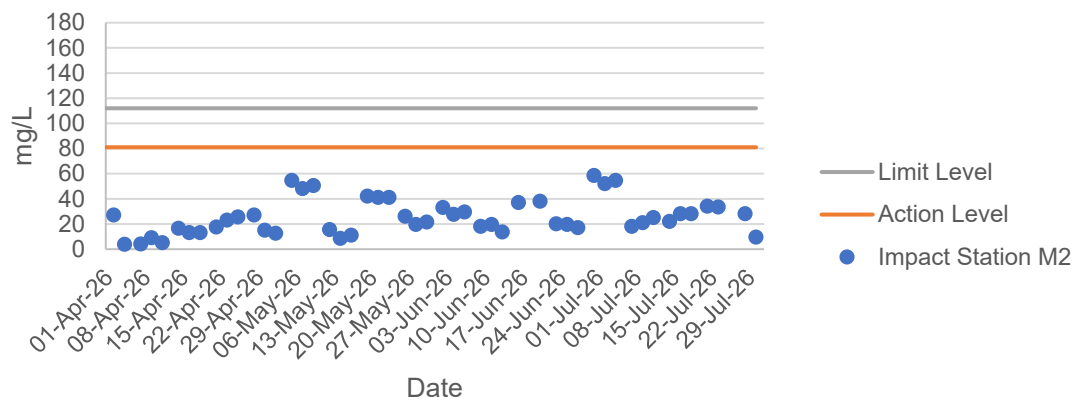




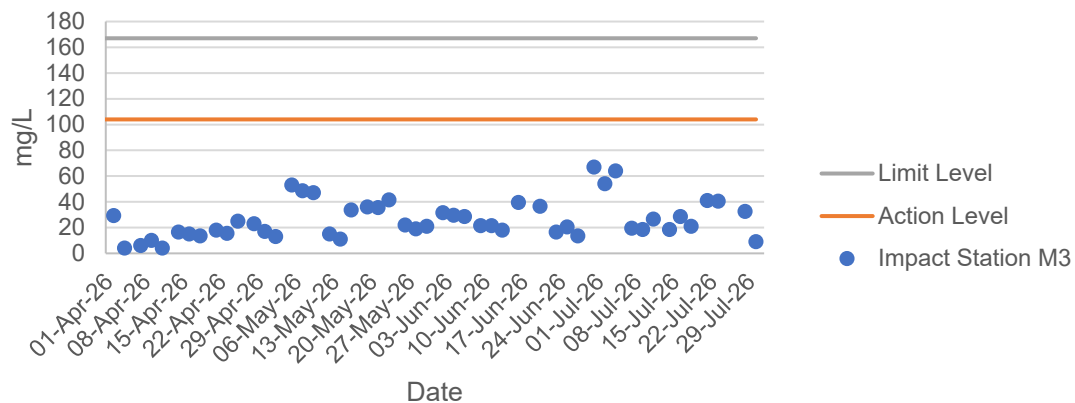
Total Suspended Solids at Mid-Flood Tide



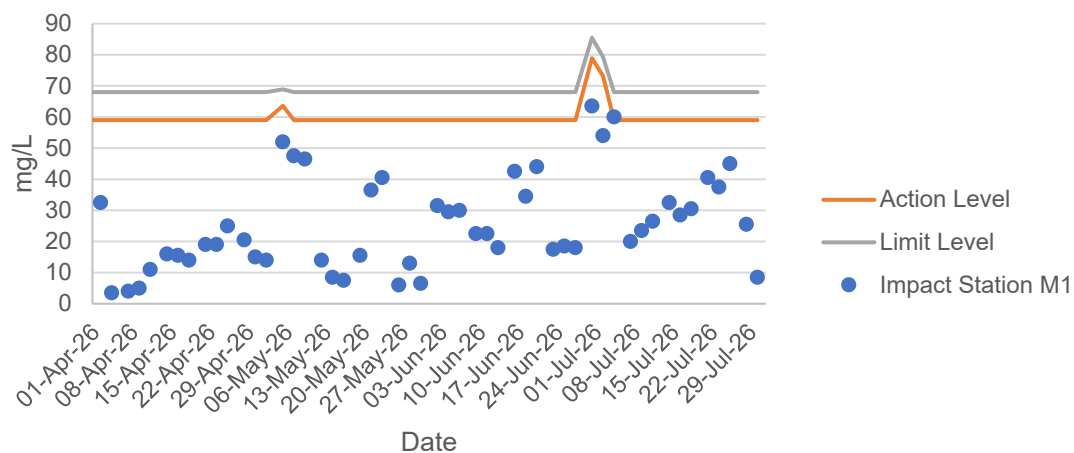
Total Suspended Solids at Mid-Flood Tide



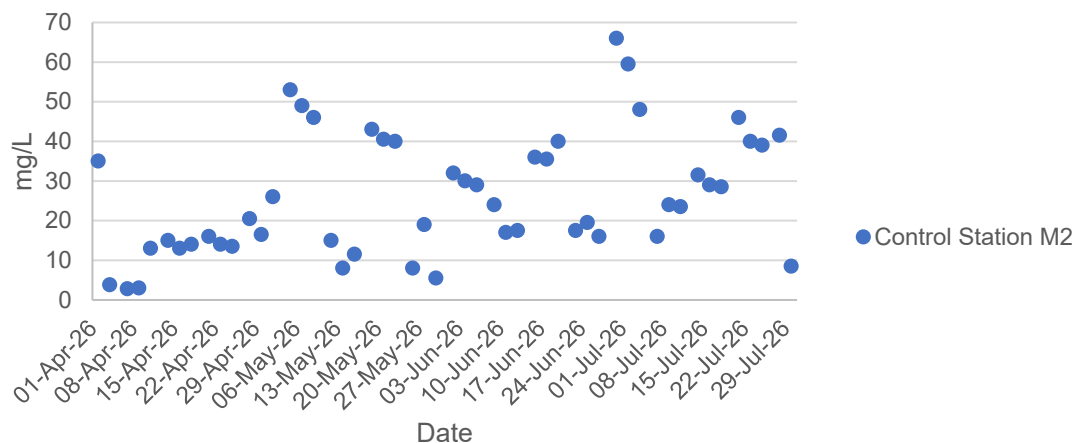
Total Suspended Solids at Mid-Flood Tide



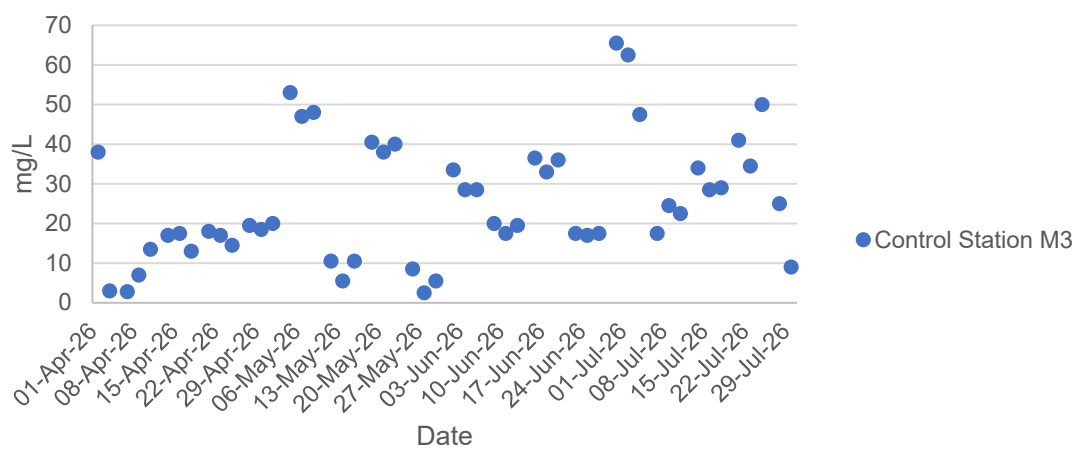
Total Suspended Solids at Mid-Ebb Tide



Total Suspended Solids at Mid-Ebb Tide



Total Suspended Solids at Mid-Ebb Tide



Ecology Monitoring Results for

Contract No. SPW 01/2025

Environmental Team for Construction of Yuen

Long Effluent Polishing Plant Stage 1

Appendix F.1 Ecological Bird Monitoring Result (07 & 24 July 2026)

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
07/07/2026	Daytime	Wet	FLW	FLW1	Point Count	Chinese Pond Heron	<i>Ardeola bacchus</i>	22	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	FLW	FLW1	Point Count	Great Egret	<i>Ardea alba</i>	2	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	FLW	FLW1	Point Count	Spotted Dove	<i>Spilopelia chinensis</i>	3	Abundant	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW1	Point Count	Barn Swallow	<i>Hirundo rustica</i>	4	Abundant	PM,SV	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW1	Point Count	Black-collared Starling	<i>Gracupica nigricollis</i>	3	Common	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW2	Point Count	Chinese Pond Heron	<i>Ardeola bacchus</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	FLW	FLW2	Point Count	Crested Myna	<i>Acridotheres cristatellus</i>	2	Common	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW2	Point Count	White Wagtail	<i>Motacilla alba</i>	2	Common	PM,WV	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW3	Point Count	Little Egret	<i>Egretta garzetta</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	FLW	FLW3	Point Count	Common Sandpiper	<i>Actitis hypoleucos</i>	1	Common	PM,WV	-	-	-	LC	LC	N	Y
07/07/2026	Daytime	Wet	FLW	FLW3	Point Count	Spotted Dove	<i>Spilopelia chinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW3	Point Count	Plain Prinia	<i>Prinia inornata</i>	1	Common	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW3	Point Count	Black-collared Starling	<i>Gracupica nigricollis</i>	3	Common	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW4	Point Count	Chinese Pond Heron	<i>Ardeola bacchus</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	FLW	FLW4	Point Count	Spotted Dove	<i>Spilopelia chinensis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW4	Point Count	Greater Coucal	<i>Centropus sinensis</i>	1	Common	R	-	Class II	VU	LC	LC	Y	N
07/07/2026	Daytime	Wet	FLW	FLW4	Point Count	White-throated Kingfisher	<i>Halcyon smyrnensis</i>	1	Common	R	(LC)	Class II	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	FLW	FLW4	Point Count	Plain Prinia	<i>Prinia inornata</i>	2	Common	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW5	Point Count	Little Grebe	<i>Tachybaptus ruficollis</i>	2	Common	R	LC	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	FLW	FLW5	Point Count	Chinese Pond Heron	<i>Ardeola bacchus</i>	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	FLW	FLW5	Point Count	Grey Heron	<i>Ardea cinerea</i>	2	Common	WV	PRC	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	FLW	FLW5	Point Count	Great Egret	<i>Ardea alba</i>	16	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	FLW	FLW5	Point Count	Little Egret	<i>Egretta garzetta</i>	5	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	FLW	FLW5	Point Count	Black Kite	<i>Milvus migrans</i>	1	Common	R,WV	(RC)	Class II	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	FLW	FLW5	Point Count	White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	1	Common	R	-	-	-	LC	LC	N	Y
07/07/2026	Daytime	Wet	FLW	FLW5	Point Count	Little Ringed Plover	<i>Charadrius dubius</i>	3	Common	WV,PM	(LC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	FLW	FLW5	Point Count	Spotted Dove	<i>Spilopelia chinensis</i>	3	Abundant	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW5	Point Count	Black Drongo	<i>Dicrurus macrocercus</i>	1	Common	SV	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW5	Point Count	Chinese Bulbul	<i>Pycnonotus sinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW5	Point Count	Crested Myna	<i>Acridotheres cristatellus</i>	7	Common	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW5	Point Count	Common Myna	<i>Acridotheres tristis</i>	2	Uncommon	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW5	Point Count	White-shouldered Starling	<i>Sturnia sinensis</i>	12	Common	M,W,Su	(LC)	-	-	-	LC	Y	N
07/07/2026	Daytime	Wet	FLW	FLW6	Point Count	Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	1	Common	R,WV	(LC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	FLW	FLW6	Point Count	Chinese Pond Heron	<i>Ardeola bacchus</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	FLW	FLW6	Point Count	Great Egret	<i>Ardea alba</i>	1	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	FLW	FLW6	Point Count	Long-tailed Shrike	<i>Lanius schach</i>	1	Common	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW6	Point Count	Crested Myna	<i>Acridotheres cristatellus</i>	5	Common	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW6	Point Count	White-shouldered Starling	<i>Sturnia sinensis</i>	4	Common	M,W,Su	(LC)	-	-	-	LC	Y	N

Appendix F.1 Ecological Bird Monitoring Result (07 & 24 July 2026)

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
07/07/2026	Daytime	Wet	FLW	FLW6	Point Count	Scaly-breasted Munia	<i>Lonchura punctulata</i>	14	Common	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW7	Point Count	Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	2	Common	R,WV	(LC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	FLW	FLW7	Point Count	Chinese Pond Heron	<i>Ardeola bacchus</i>	32	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	FLW	FLW7	Point Count	Great Egret	<i>Ardea alba</i>	5	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	FLW	FLW7	Point Count	Greater Coucal	<i>Centropus sinensis</i>	1	Common	R	-	Class II	VU	LC	LC	Y	N
07/07/2026	Daytime	Wet	FLW	FLW7	Point Count	Azure-winged Magpie	<i>Cyanopica cyanus</i>	7	Introduced	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW7	Point Count	Crested Myna	<i>Acridotheres cristatellus</i>	3	Common	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	NSW	NSW1	Point Count	Little Egret	<i>Egretta garzetta</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	NSW	NSW1	Point Count	White-breasted Waterhen	<i>Amauornis phoenicurus</i>	1	Common	R	-	-	-	LC	LC	N	Y
07/07/2026	Daytime	Wet	NSW	NSW1	Point Count	Spotted Dove	<i>Spilopelia chinensis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	NSW	NSW1	Point Count	Black Drongo	<i>Dicrurus macrocercus</i>	1	Common	SV	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	NSW	NSW1	Point Count	Japanese Tit	<i>Parus minor</i>	1	Common	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	NSW	NSW1	Point Count	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	2	Abundant	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	NSW	NSW1	Point Count	Chinese Bulbul	<i>Pycnonotus sinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	NSW	NSW1	Point Count	Black-collared Starling	<i>Gracupica nigricollis</i>	3	Common	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	NSW	NSW1	Point Count	Eurasian Tree Sparrow	<i>Passer montanus</i>	3	Abundant	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	NSW	NSW1	Point Count	White Wagtail	<i>Motacilla alba</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	NSW	SP/NSW1	Point Count	Chinese Pond Heron	<i>Ardeola bacchus</i>	6	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	NSW	SP/NSW1	Point Count	Great Egret	<i>Ardea alba</i>	2	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	NSW	SP/NSW1	Point Count	Little Egret	<i>Egretta garzetta</i>	3	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	NSW	SP/NSW1	Point Count	Spotted Dove	<i>Spilopelia chinensis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	NSW	SP/NSW1	Point Count	White-throated Kingfisher	<i>Halcyon smyrnensis</i>	2	Common	R	(LC)	Class II	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	NSW	SP/NSW1	Point Count	Azure-winged Magpie	<i>Cyanopica cyanus</i>	2	Introduced	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	NSW	SP/NSW1	Point Count	Barn Swallow	<i>Hirundo rustica</i>	4	Abundant	PM,SV	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	NSW	SP/NSW1	Point Count	Crested Myna	<i>Acridotheres cristatellus</i>	4	Common	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	NSW	SP/NSW1	Point Count	Black-collared Starling	<i>Gracupica nigricollis</i>	2	Common	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	NSW	SP/NSW2	Point Count	Chinese Pond Heron	<i>Ardeola bacchus</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	NSW	SP/NSW2	Point Count	Grey Heron	<i>Ardea cinerea</i>	1	Common	WV	PRC	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	NSW	SP/NSW2	Point Count	Great Egret	<i>Ardea alba</i>	1	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	NSW	SP/NSW2	Point Count	Little Egret	<i>Egretta garzetta</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	NSW	SP/NSW2	Point Count	Chinese Bulbul	<i>Pycnonotus sinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	NSW	SP/NSW2	Point Count	Plain Prinia	<i>Prinia inornata</i>	1	Common	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	NSW	SP/NSW2	Point Count	Crested Myna	<i>Acridotheres cristatellus</i>	2	Common	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	NSW	SP/NSW3	Point Count	Chinese Pond Heron	<i>Ardeola bacchus</i>	7	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	NSW	SP/NSW3	Point Count	Great Egret	<i>Ardea alba</i>	5	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	NSW	SP/NSW3	Point Count	Little Egret	<i>Egretta garzetta</i>	4	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	NSW	SP/NSW3	Point Count	Collared Crow	<i>Corvus torquatus</i>	2	Uncommon	R	LC	-	-	NT	VU	Y	Y
07/07/2026	Daytime	Wet	NSW	SP/NSW3	Point Count	Chinese Bulbul	<i>Pycnonotus sinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	NSW	SP/NSW3	Point Count	Barn Swallow	<i>Hirundo rustica</i>	2	Abundant	PM,SV	-	-	-	LC	LC	N	N

Appendix F.1 Ecological Bird Monitoring Result (07 & 24 July 2026)

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
07/07/2026	Daytime	Wet	NSW	SP/NSW3	Point Count	White Wagtail	<i>Motacilla alba</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW	Transect	Chinese Pond Heron	<i>Ardeola bacchus</i>	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	FLW	FLW	Transect	Great Egret	<i>Ardea alba</i>	1	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	FLW	FLW	Transect	Black Kite	<i>Milvus migrans</i>	2	Common	R,WV	(RC)	Class II	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	FLW	FLW	Transect	White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	3	Common	R	-	-	-	LC	LC	N	Y
07/07/2026	Daytime	Wet	FLW	FLW	Transect	Spotted Dove	<i>Spilopelia chinensis</i>	4	Abundant	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW	Transect	Long-tailed Shrike	<i>Lanius schach</i>	1	Common	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW	Transect	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	2	Abundant	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW	Transect	Barn Swallow	<i>Hirundo rustica</i>	4	Abundant	PM,SV	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW	Transect	Crested Myna	<i>Acridotheres cristatellus</i>	4	Common	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW	Transect	Black-collared Starling	<i>Gracupica nigricollis</i>	2	Common	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	FLW	FLW	Transect	White Wagtail	<i>Motacilla alba</i>	2	Common	PM,WV	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	NSW	NSW	Transect	Eurasian Collared Dove	<i>Streptopelia decaocto</i>	1	Common	-	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	NSW	NSW	Transect	Spotted Dove	<i>Spilopelia chinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	NSW	NSW	Transect	Black Drongo	<i>Dicrurus macrocerus</i>	1	Common	SV	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	NSW	NSW	Transect	Japanese Tit	<i>Parus minor</i>	2	Common	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	NSW	NSW	Transect	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	4	Abundant	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	NSW	NSW	Transect	Eurasian Tree Sparrow	<i>Passer montanus</i>	3	Abundant	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	YLIE- CW	YLIE-CW	Transect	Chinese Pond Heron	<i>Ardeola bacchus</i>	8	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	YLIE- CW	YLIE-CW	Transect	Grey Heron	<i>Ardea cinerea</i>	1	Common	WV	PRC	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	YLIE- CW	YLIE-CW	Transect	Great Egret	<i>Ardea alba</i>	3	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	YLIE- CW	YLIE-CW	Transect	Little Egret	<i>Egretta garzetta</i>	3	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	YLIE- CW	YLIE-CW	Transect	White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	2	Common	R	-	-	-	LC	LC	N	Y
07/07/2026	Daytime	Wet	YLIE- CW	YLIE-CW	Transect	Common Moorhen	<i>Gallinula chloropus</i>	1	Common	R	-	-	-	LC	LC	N	Y
07/07/2026	Daytime	Wet	YLIE- CW	YLIE-CW	Transect	Black-winged stilt	<i>Himantopus himantopus</i>	9	Common	PM	RC	-	-	LC	LC	Y	Y
07/07/2026	Daytime	Wet	YLIE- CW	YLIE-CW	Transect	Common Sandpiper	<i>Actitis hypoleucos</i>	1	Common	PM,WV	-	-	-	LC	LC	N	Y
07/07/2026	Daytime	Wet	YLIE- CW	YLIE-CW	Transect	Spotted Dove	<i>Spilopelia chinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	YLIE- CW	YLIE-CW	Transect	Black Drongo	<i>Dicrurus macrocerus</i>	1	Common	SV	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	YLIE- CW	YLIE-CW	Transect	Red-billed Blue Magpie	<i>Urocissa erythroryncha</i>	2	Common	R	-	-	-	-	LC	N	N
07/07/2026	Daytime	Wet	YLIE- CW	YLIE-CW	Transect	Japanese Tit	<i>Parus minor</i>	1	Common	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	YLIE- CW	YLIE-CW	Transect	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	4	Abundant	R	-	-	-	LC	LC	N	N
07/07/2026	Daytime	Wet	YLIE- CW	YLIE-CW	Transect	White Wagtail	<i>Motacilla alba</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
24/07/2026	Night-time	Wet	FLW	FLW1	Point Count	Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	1	Common	R,WV	(LC)	-	-	LC	LC	Y	Y
24/07/2026	Night-time	Wet	FLW	FLW4	Point Count	Savanna Nightjar	<i>Caprimulgus affinis</i>	1	Uncommon	R.PM	-	-	-	DD	-	N	N
24/07/2026	Night-time	Wet	FLW	FLW5	Point Count	Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	2	Common	R,WV	(LC)	-	-	LC	LC	Y	Y
24/07/2026	Night-time	Wet	FLW	FLW5	Point Count	Black-winged stilt	<i>Himantopus himantopus</i>	6	Common	PM	RC	-	-	LC	LC	Y	Y

Appendix F.1 Ecological Bird Monitoring Result (07 & 24 July 2026)

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
24/07/2026	Night-time	Wet	FLW	FLW7	Point Count	Chinese Pond Heron	<i>Ardeola bacchus</i>	6	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
24/07/2026	Night-time	Wet	FLW	FLW	Transect	Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	1	Common	R,WV	(LC)	-	-	LC	LC	Y	Y
24/07/2026	Night-time	Wet	NSW	NSW	Transect	Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	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 (07 & 24 July 2026)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) ²
<i>Cyanopica cyanus</i>	9	0.0323	-3.4340	-0.1108	0.3804
<i>Hirundo rustica</i>	10	0.0358	-3.3286	-0.1193	0.3971
<i>Dicrurus macrocercus</i>	2	0.0072	-4.9381	-0.0354	0.1748
<i>Milvus migrans</i>	1	0.0036	-5.6312	-0.0202	0.1137
<i>Gracupica nigricollis</i>	11	0.0394	-3.2333	-0.1275	0.4122
<i>Nycticorax nycticorax</i>	6	0.0215	-3.8395	-0.0826	0.3170
<i>Himantopus himantopus</i>	6	0.0215	-3.8395	-0.0826	0.3170
<i>Pycnonotus sinensis</i>	8	0.0287	-3.5518	-0.1018	0.3617
<i>Corvus torquatus</i>	2	0.0072	-4.9381	-0.0354	0.1748
<i>Acridotheres tristis</i>	2	0.0072	-4.9381	-0.0354	0.1748
<i>Actitis hypoleucos</i>	1	0.0036	-5.6312	-0.0202	0.1137
<i>Acridotheres cristatellus</i>	23	0.0824	-2.4957	-0.2057	0.5135
<i>Passer montanus</i>	3	0.0108	-4.5326	-0.0487	0.2209
<i>Ardea alba</i>	32	0.1147	-2.1655	-0.2484	0.5378
<i>Centropus sinensis</i>	2	0.0072	-4.9381	-0.0354	0.1748
<i>Ardea cinerea</i>	3	0.0108	-4.5326	-0.0487	0.2209
<i>Parus minor</i>	1	0.0036	-5.6312	-0.0202	0.1137
<i>Egretta garzetta</i>	15	0.0538	-2.9232	-0.1572	0.4594
<i>Tachybaptus ruficollis</i>	2	0.0072	-4.9381	-0.0354	0.1748
<i>Charadrius dubius</i>	3	0.0108	-4.5326	-0.0487	0.2209
<i>Lanius schach</i>	1	0.0036	-5.6312	-0.0202	0.1137
<i>Prinia inornata</i>	4	0.0143	-4.2449	-0.0609	0.2583
<i>Pycnonotus jocosus</i>	2	0.0072	-4.9381	-0.0354	0.1748
<i>Caprimulgus affinis</i>	1	0.0036	-5.6312	-0.0202	0.1137
<i>Lonchura punctulata</i>	14	0.0502	-2.9922	-0.1501	0.4493
<i>Spilopelia chinensis</i>	11	0.0394	-3.2333	-0.1275	0.4122
<i>Motacilla alba</i>	4	0.0143	-4.2449	-0.0609	0.2583
<i>Amaurornis phoenicurus</i>	2	0.0072	-4.9381	-0.0354	0.1748
<i>Sturnia sinensis</i>	16	0.0573	-2.8586	-0.1639	0.4686
<i>Halcyon smyrnensis</i>	3	0.0108	-4.5326	-0.0487	0.2209
<i>Ardeola bacchus</i>	79	0.2832	-1.2618	-0.3573	0.4508
Total	279	1	-128.4996	-2.7000	8.6692
Richness	31				
SS	8.6692				
SQ	7.2901				
H	2.7000				
S ² H	0.0051				

Appendix F.2.2 Ecological Bird Monitoring Diversity (Avifauna species of conservation importance in Point Count Method) in All Habitats (07 & 24 July 2026)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) ²
<i>Milvus migrans</i>	1	0.0059	-5.1358	-0.0302	0.1552
<i>Nycticorax nycticorax</i>	6	0.0353	-3.3440	-0.1180	0.3947
<i>Himantopus himantopus</i>	6	0.0353	-3.3440	-0.1180	0.3947
<i>Corvus torquatus</i>	2	0.0118	-4.4427	-0.0523	0.2322
<i>Ardea alba</i>	32	0.1882	-1.6701	-0.3144	0.5250
<i>Centropus sinensis</i>	2	0.0118	-4.4427	-0.0523	0.2322
<i>Ardea cinerea</i>	3	0.0176	-4.0372	-0.0712	0.2876
<i>Egretta garzetta</i>	15	0.0882	-2.4277	-0.2142	0.5201
<i>Tachybaptus ruficollis</i>	2	0.0118	-4.4427	-0.0523	0.2322
<i>Charadrius dubius</i>	3	0.0176	-4.0372	-0.0712	0.2876
<i>Sturnia sinensis</i>	16	0.0941	-2.3632	-0.2224	0.5256
<i>Halcyon smyrnensis</i>	3	0.0176	-4.0372	-0.0712	0.2876
<i>Ardeola bacchus</i>	79	0.4647	-0.7664	-0.3561	0.2729
Total	170	1	-44.4908	-1.7439	4.3476
Richness	13				
SS	4.3476				
SQ	3.0413				
H	1.7439				
S ² H	0.007892				

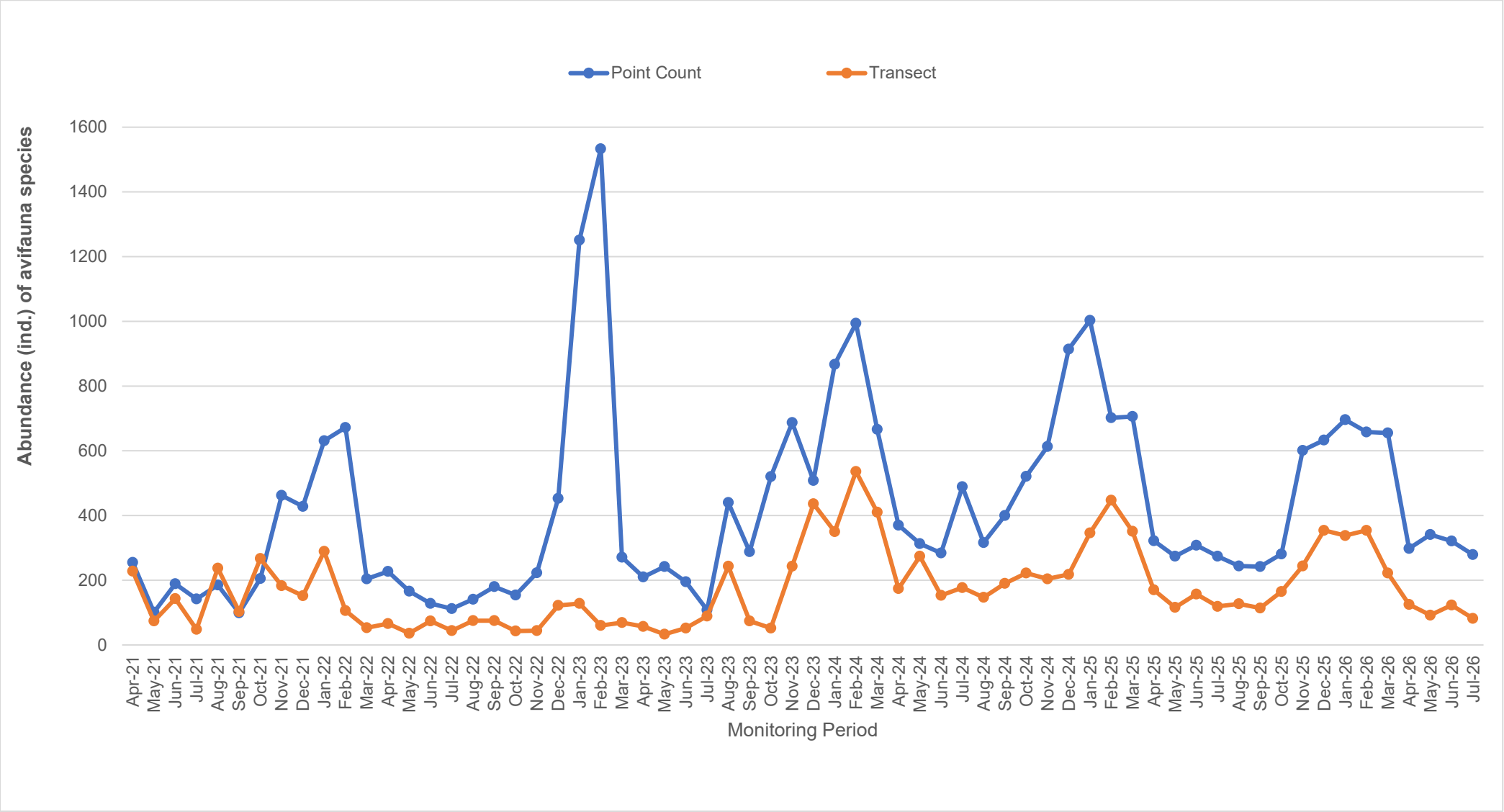
Appendix F.2.3 Ecological Bird Monitoring Diversity (All avifauna species in Transect Walk Method)
in All Habitats (07 & 24 July 2026)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) ²
<i>Hirundo rustica</i>	4	0.0488	-3.0204	-0.1473	0.4450
<i>Dicrurus macrocercus</i>	2	0.0244	-3.7136	-0.0906	0.3364
<i>Milvus migrans</i>	2	0.0244	-3.7136	-0.0906	0.3364
<i>Gracupica nigricollis</i>	2	0.0244	-3.7136	-0.0906	0.3364
<i>Nycticorax nycticorax</i>	3	0.0366	-3.3081	-0.1210	0.4004
<i>Himantopus himantopus</i>	9	0.1098	-2.2095	-0.2425	0.5358
<i>Gallinula chloropus</i>	1	0.0122	-4.4067	-0.0537	0.2368
<i>Actitis hypoleucos</i>	1	0.0122	-4.4067	-0.0537	0.2368
<i>Acridotheres cristatellus</i>	4	0.0488	-3.0204	-0.1473	0.4450
<i>Streptopelia decaocto</i>	1	0.0122	-4.4067	-0.0537	0.2368
<i>Passer montanus</i>	3	0.0366	-3.3081	-0.1210	0.4004
<i>Ardea alba</i>	4	0.0488	-3.0204	-0.1473	0.4450
<i>Ardea cinerea</i>	1	0.0122	-4.4067	-0.0537	0.2368
<i>Parus minor</i>	3	0.0366	-3.3081	-0.1210	0.4004
<i>Egretta garzetta</i>	3	0.0366	-3.3081	-0.1210	0.4004
<i>Lanius schach</i>	1	0.0122	-4.4067	-0.0537	0.2368
<i>Urocissa erythroryncha</i>	2	0.0244	-3.7136	-0.0906	0.3364
<i>Pycnonotus jocosus</i>	10	0.1220	-2.1041	-0.2566	0.5399
<i>Spilopelia chinensis</i>	8	0.0976	-2.3273	-0.2271	0.5284
<i>Motacilla alba</i>	3	0.0366	-3.3081	-0.1210	0.4004
<i>Amaurornis phoenicurus</i>	5	0.0610	-2.7973	-0.1706	0.4771
<i>Ardeola bacchus</i>	10	0.1220	-2.1041	-0.2566	0.5399
Total	82	1	-74.0320	-2.8315	8.4877
Richness	22				
SS	8.4877				
SQ	8.0173				
H	2.8315				
S ² H	0.007298				

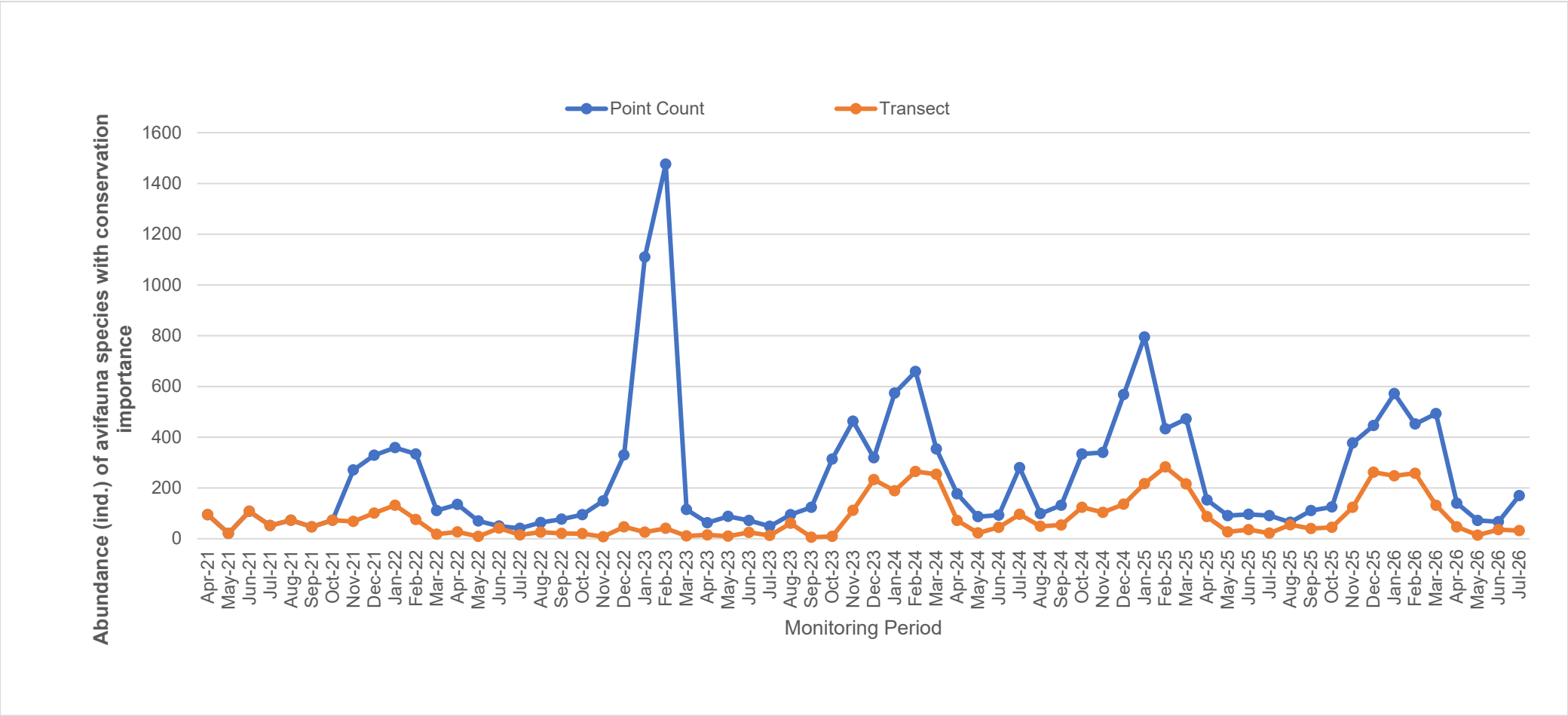
Appendix F.2.4 Ecological Bird Monitoring Diversity (Avifauna species of conservation importance in Transect Walk Method) in All Habitats (07 & 24 July 2026)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) ²
<i>Milvus migrans</i>	2	0.0625	-2.7726	-0.1733	0.4805
<i>Nycticorax nycticorax</i>	3	0.0938	-2.3671	-0.2219	0.5253
<i>Himantopus himantopus</i>	9	0.2813	-1.2685	-0.3568	0.4526
<i>Ardea alba</i>	4	0.1250	-2.0794	-0.2599	0.5405
<i>Ardea cinerea</i>	1	0.0313	-3.4657	-0.1083	0.3754
<i>Egretta garzetta</i>	3	0.0938	-2.3671	-0.2219	0.5253
<i>Ardeola bacchus</i>	10	0.3125	-1.1632	-0.3635	0.4228
Total	32	1	-15.4837	-1.7056	3.3223
Richness	7				
SS	3.3223				
SQ	2.9091				
H	1.7056				
S ² H	0.01584				

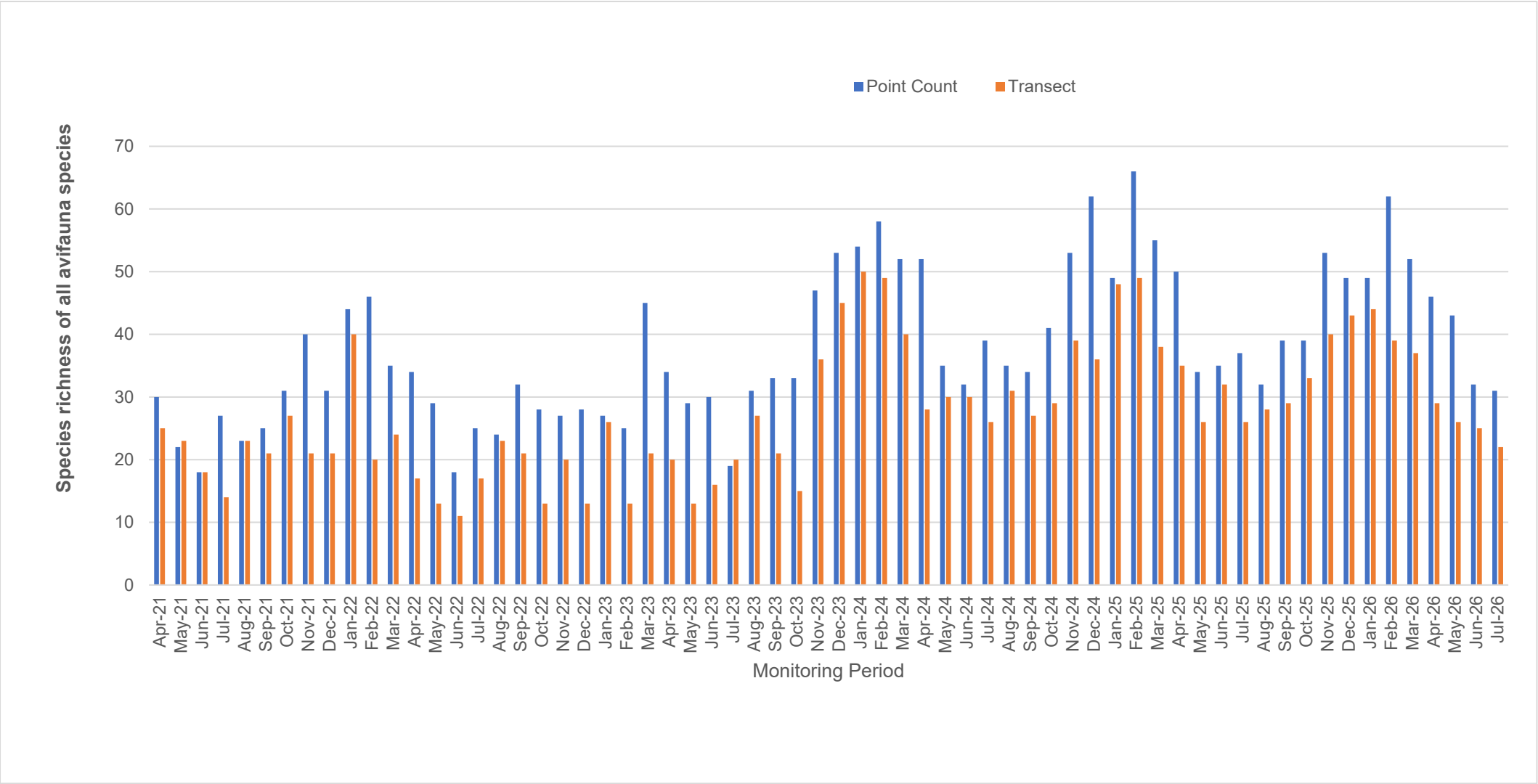
Appendix F.3.1 Abundance of all avifauna species throughout the monitoring period



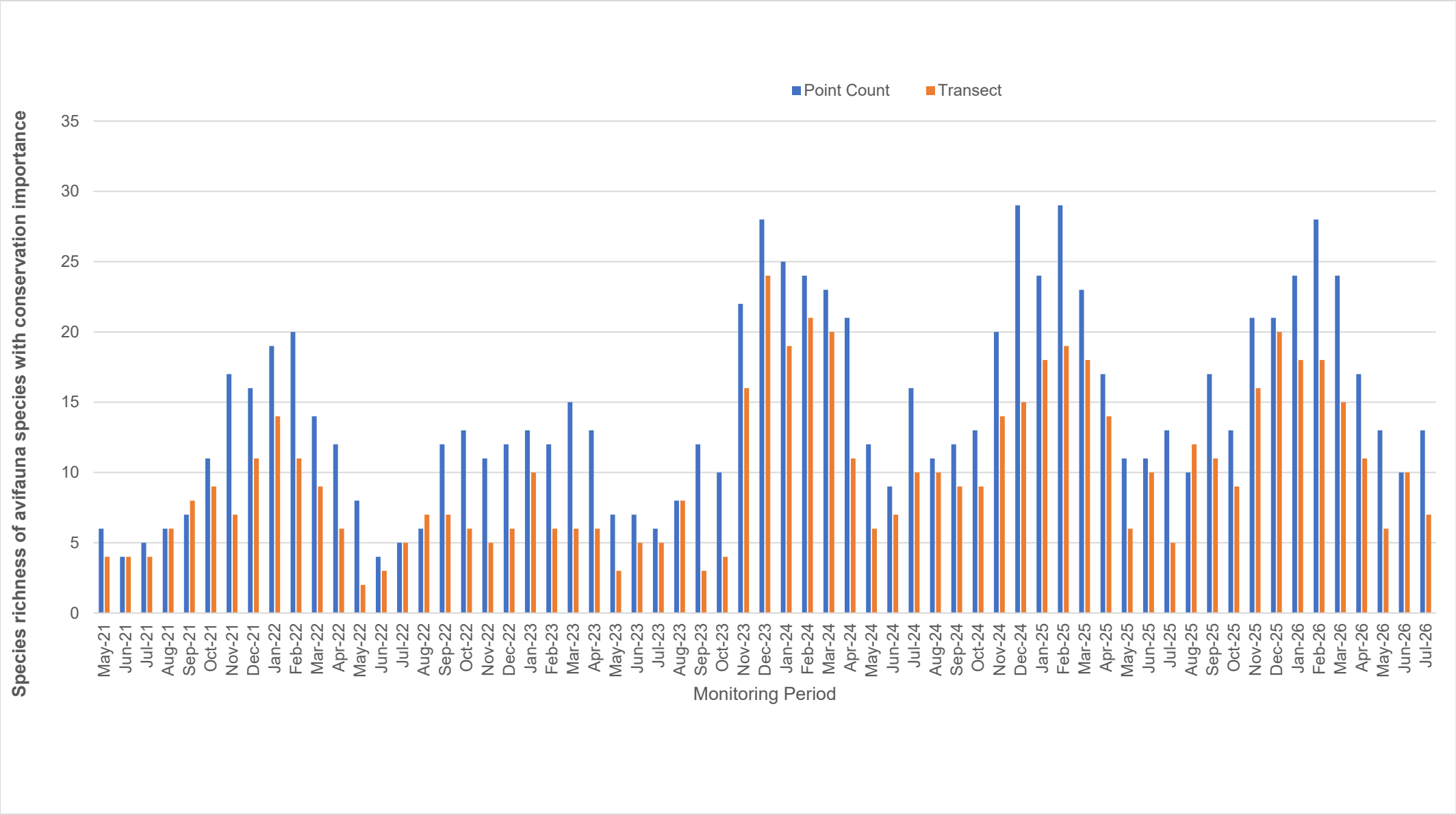
Appendix F.3.2 Abundance of avifauna species with conservation importance throughout the monitoring period



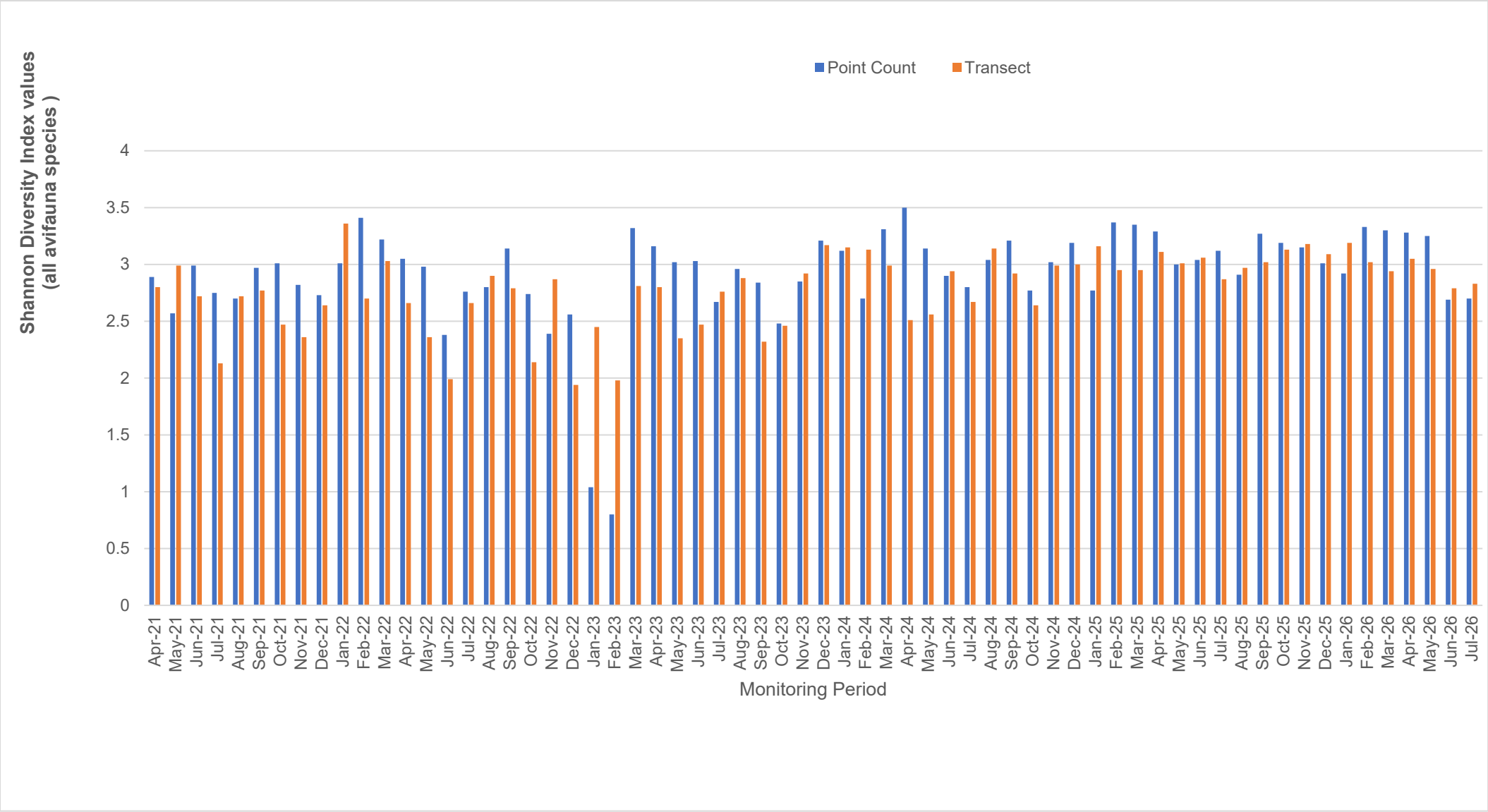
Appendix F.4.1 Species richness of all avifauna species throughout the monitoring period



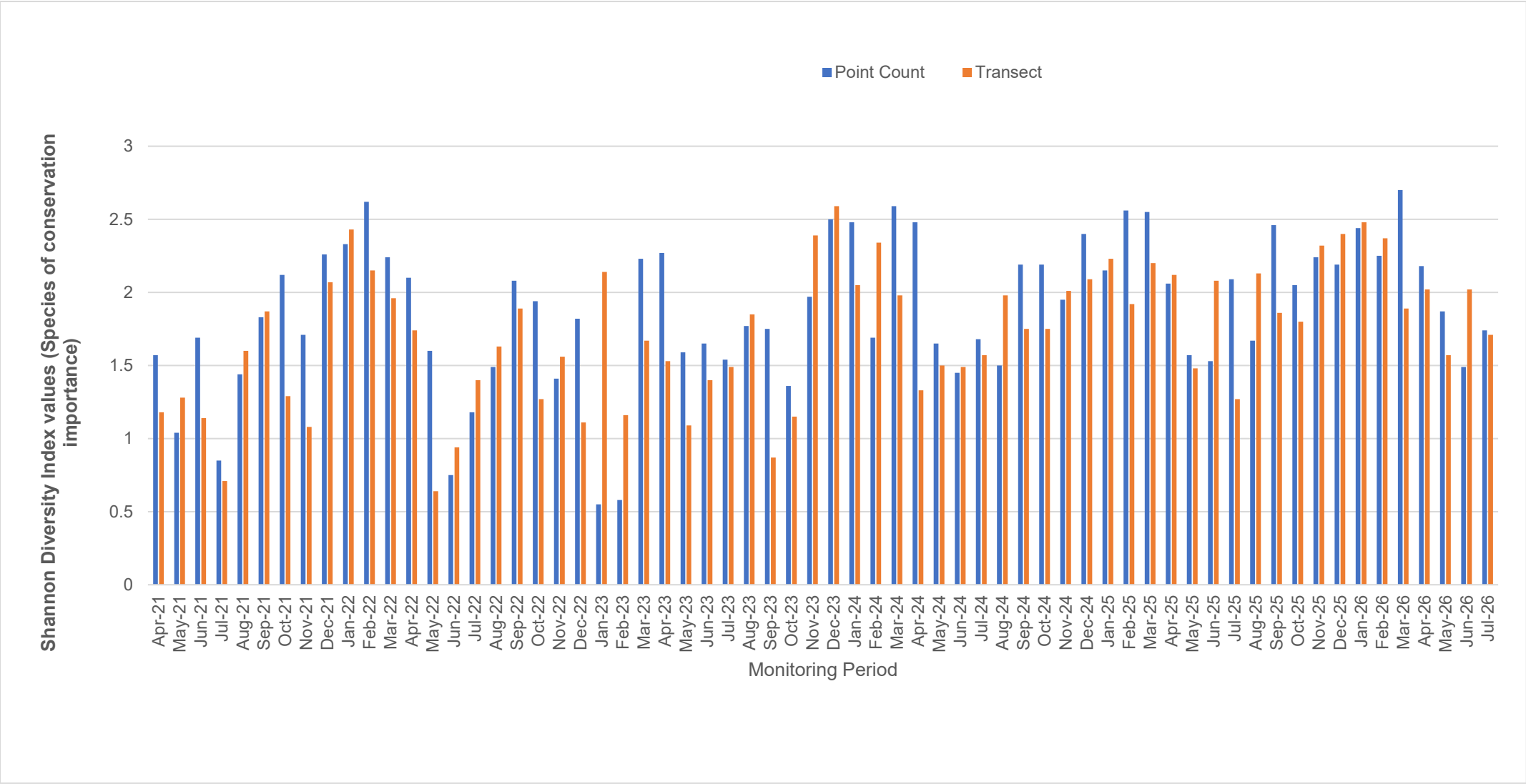
Appendix F.4.2 Species richness of avifauna species with conservation importance throughout the monitoring period



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:

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

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

Months	July 2017	July 2026
Total	165	279
Richness	26	31
H	2.7038	2.7000
S ² H	0.006600	0.005136
t	0.0351	
df	384.1417	
Crit	1.9662	
p	9.719813E-01	
CI	0.1625	0.1433

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

Months	July 2017	July 2026
Total	36	82
Richness	18	22
H	2.5993	2.8315
S ² H	0.02415	0.007298
t	1.3095	
df	58.6915	
Crit	2.0017	
p	1.96E-01	
CI	0.3108	0.1709

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

Months	July 2017	July 2026
Total	80	170
Richness	5	13
H	1.3642	1.7439
S ² H	0.004500	0.00789207
t	3.4111	
df	247.8804	
Crit	1.9696	
p	7.56E-04	
CI	0.1342	0.1777

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

Months	July 2017	July 2026
Total	8	32
Richness	3	7
H	0.9003	1.7056
S ² H	0.05920	0.01584
t	2.9399	
df	12.6283	
Crit	2.1788	
p	1.24E-02	
CI	0.4866	0.2517