

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 ($\mu\text{g}/\text{m}^3$)			Action Level (ug/m^3)	Limit Level (ug/m^3)
			1st Measurement	2nd Measurement	3rd Measurement		
3/2/2026	Fine	8:03	38	40	44	291	500
9/2/2026	Fine	8:34	46	45	51		
14/2/2026	Fine	8:11	42	44	41		
20/2/2026	Fine	8:22	43	41	53		
26/2/2026	Fine	8:05	33	41	40		
		Min	33				
		Max	53				
		Average	43				

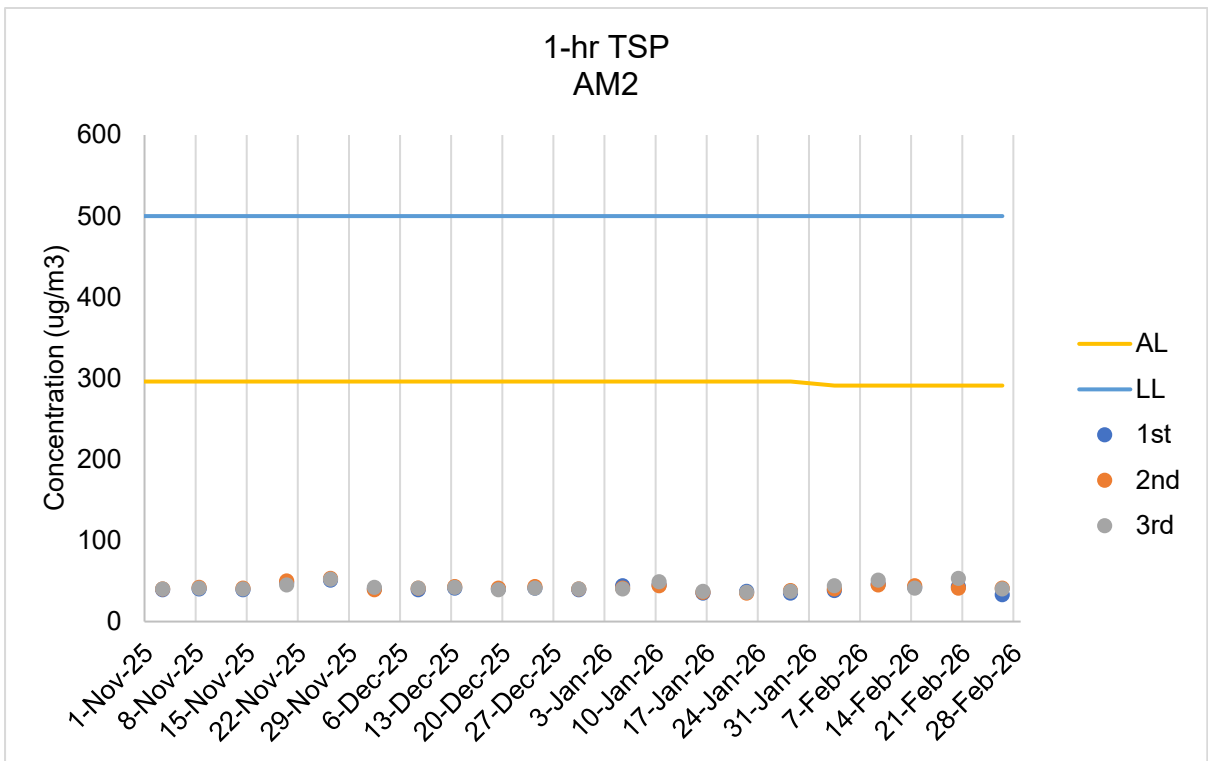
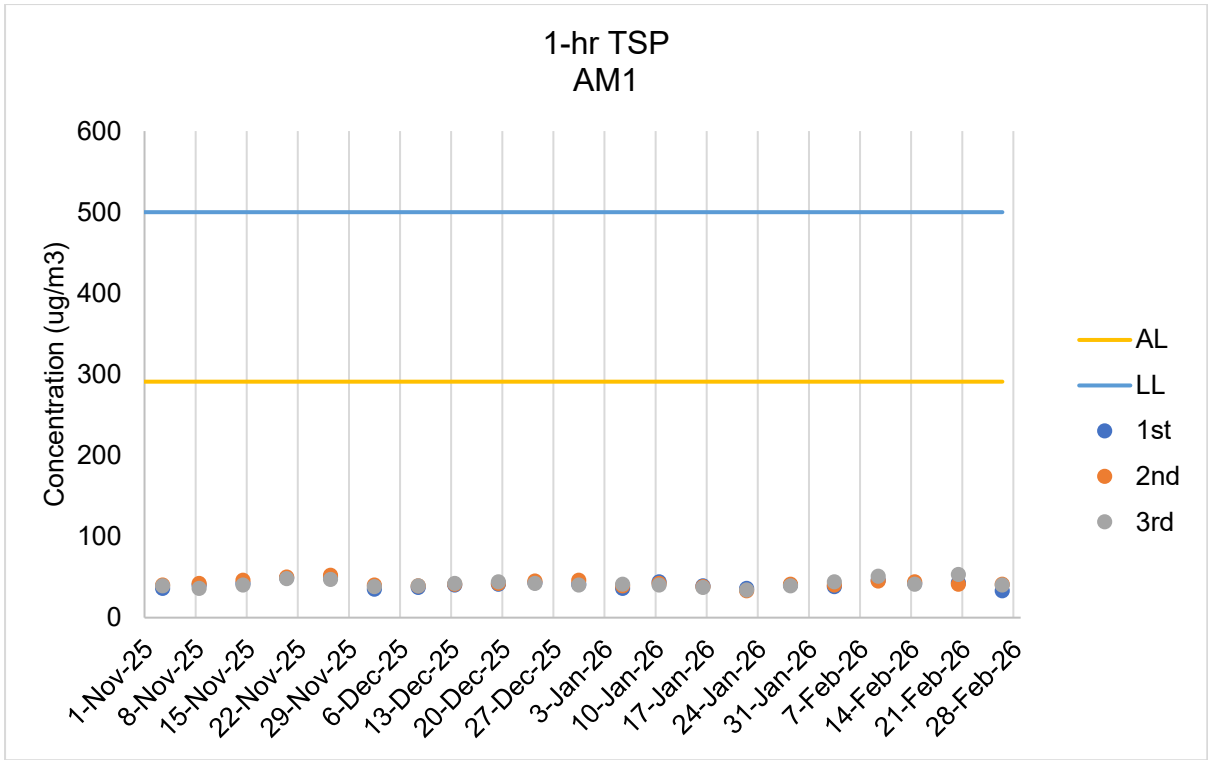
AM2 - Squatter house at the west of Yuen Long STW

Date	Weather Condition	Start Time	1-hour TSP ($\mu\text{g}/\text{m}^3$)			Action Level (ug/m^3)	Limit Level (ug/m^3)
			1st Measurement	2nd Measurement	3rd Measurement		
3/2/2026	Fine	13:01	40	42	39	296	500
9/2/2026	Fine	14:02	45	46	48		
14/2/2026	Fine	13:13	41	43	39		
20/2/2026	Fine	13:24	45	44	47		
26/2/2026	Fine	14:00	40	41	42		
		Min	39				
		Max	48				
		Average	43				

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)
3/2/2026	9:22	60.2	61.5	59.3	1.7	Fine	75
9/2/2026	9:53	61.0	62.0	59.5	2.5	Fine	75
20/2/2026	9:41	65.0	64.0	63.0	0.0	Fine	75
26/2/2026	9:26	56.6	60.9	56.8	0.3	Fine	75
	Max	65.0					
	Min	56.6					

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)
3/2/2026	14:07	58.5	60.2	57.5	0.8	Fine	75
9/2/2026	15:08	59.5	58.5	58.2	1.4	Fine	75
20/2/2026	14:24	57.0	59.4	57.8	1.7	Fine	75
26/2/2026	15:08	60.4	61.2	60.2	1.1	Fine	75
	Max	60.4					
	Min	57.0					

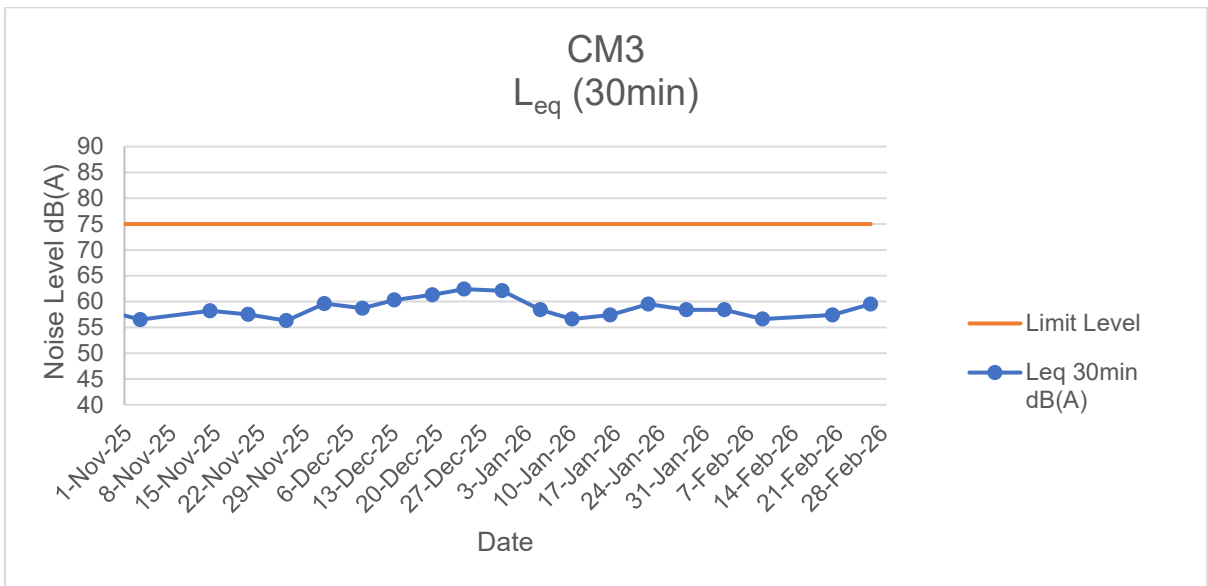
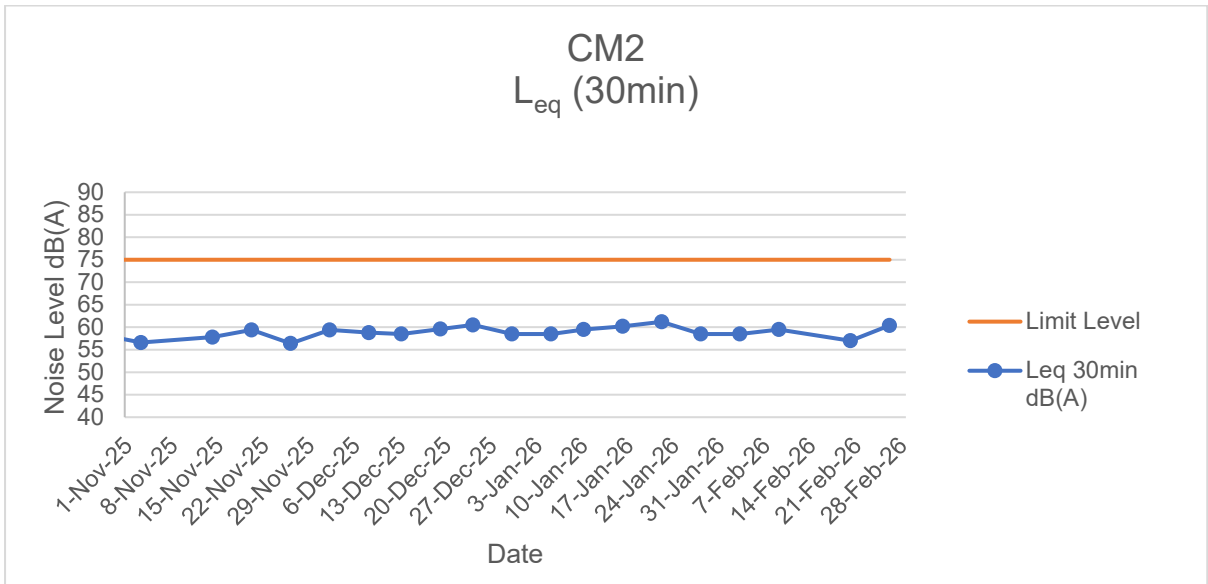
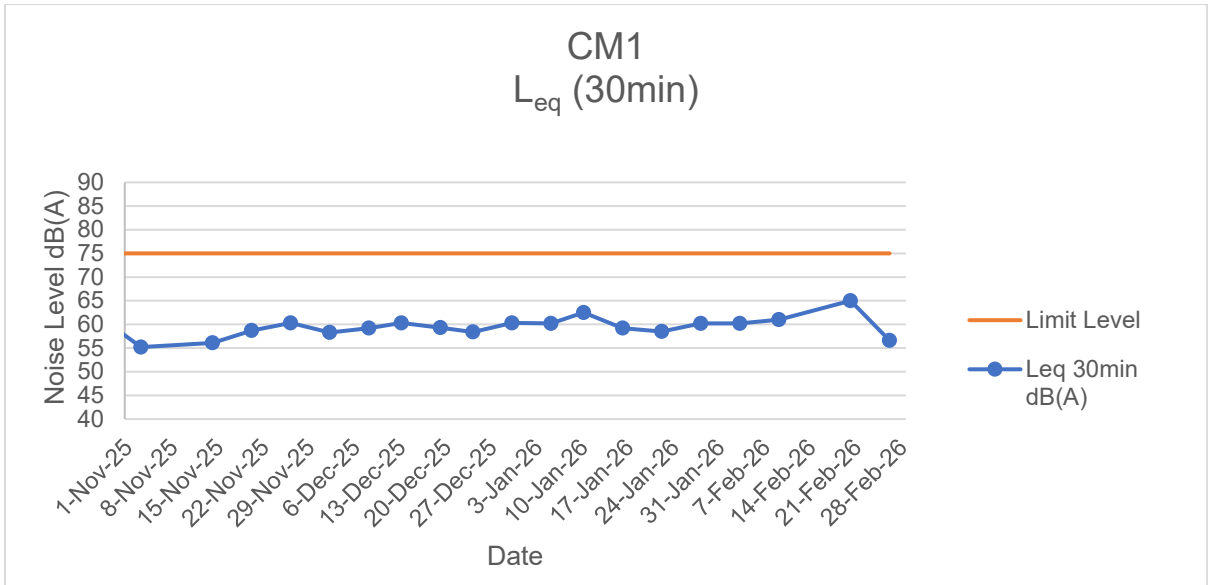
CM3 - Squatter house to the east of YLSTW

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)
3/2/2026	10:34	58.4	60.2	55.2	1.1	Fine	75
9/2/2026	11:02	56.6	58.5	56.9	2.5	Fine	75
20/2/2026	10:16	57.4	59.4	55.4	1.4	Fine	75
26/2/2026	10:13	59.5	61.2	54.8	1.4	Fine	75
	Max	59.5					
	Min	56.6					

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
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	3/2/2026	Mid-Flood	Cloudy	Low	14:32	2.4	M	1.20	1	0.088	168.123	7.12	7.12	2.89	2.87	20.6	20.60	39.7	39.10	2.9	2.86	22.11	22.065	26	26
M1	3/2/2026	Mid-Flood	Cloudy	Low	14:32	2.4	M	1.20	2			7.11		2.84		20.6		38.5		2.81		22.02		25	
M2	3/2/2026	Mid-Flood	Cloudy	Low	14:52	2.1	M	1.05	1	0.09	161.372	7.11	7.12	2.82	2.79	20.6	20.65	39.9	39.60	2.91	2.89	20.94	21.05	36	34
M2	3/2/2026	Mid-Flood	Cloudy	Low	14:52	2.1	M	1.05	2			7.12		2.75		20.7		39.3		2.87		21.16		32	
M3	3/2/2026	Mid-Flood	Cloudy	Low	15:11	1.9	M	0.95	1	0.089	178.264	7.15	7.14	3.31	3.28	20.6	20.65	50.4	50.50	3.68	3.69	32.58	32.365	84	76
M3	3/2/2026	Mid-Flood	Cloudy	Low	15:11	1.9	M	0.95	2			7.13		3.24		20.7		50.6		3.69		32.15		67	
M1	3/2/2026	Mid-Ebb	Cloudy	Low	9:38	2.5	M	1.25	1	0.061	332.137	7.12	7.12	2.76	2.79	20.5	20.55	37.7	36.80	2.75	2.69	22.32	22.175	71	62
M1	3/2/2026	Mid-Ebb	Cloudy	Low	9:38	2.5	M	1.25	2			7.11		2.82		20.6		35.9		2.62		22.03		53	
M2	3/2/2026	Mid-Ebb	Cloudy	Low	9:13	2.3	M	1.15	1	0.061	317.221	7.12	7.11	2.79	2.83	20.5	20.50	38.4	37.35	2.8	2.73	21.36	21.535	56	54
M2	3/2/2026	Mid-Ebb	Cloudy	Low	9:13	2.3	M	1.15	2			7.1		2.86		20.5		36.3		2.65		21.71		52	
M3	3/2/2026	Mid-Ebb	Cloudy	Low	10:00	2	M	1.00	1	0.061	307.777	7.17	7.17	3.42	3.45	20.5	20.50	51.5	50.50	3.76	3.69	31.88	31.99	77	71
M3	3/2/2026	Mid-Ebb	Cloudy	Low	10:00	2	M	1.00	2			7.17		3.48		20.5		49.5		3.61		32.1		64	

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	74.7	80.925

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent
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	5/2/2026	Mid-Flood	Cloudy	Low	15:40	2.4	M	1.20	1	0.093	170.681	7.12	7.12	2.93	2.95	20.6	20.65	38.2	38.90	2.75	2.80	21.11	21.16	20	22
M1	5/2/2026	Mid-Flood	Cloudy	Low	15:40	2.4	M	1.20	2			7.12		2.96		20.7		39.6		2.85		21.21		24	
M2	5/2/2026	Mid-Flood	Cloudy	Low	16:05	2.1	M	1.05	1	0.094	175.321	7.12	7.12	2.81	2.79	20.6	20.60	38.9	39.10	2.8	2.82	21.93	21.85	66	71
M2	5/2/2026	Mid-Flood	Cloudy	Low	16:05	2.1	M	1.05	2			7.12		2.77		20.6		39.3		2.83		21.77		75	
M3	5/2/2026	Mid-Flood	Cloudy	Low	16:30	1.9	M	0.95	1	0.094	165.411	7.15	7.15	3.28	3.25	20.6	20.60	51.2	51.50	3.68	3.71	29.50	29.345	28	27
M3	5/2/2026	Mid-Flood	Cloudy	Low	16:30	1.9	M	0.95	2			7.14		3.22		20.6		51.8		3.73		29.19		25	
M1	5/2/2026	Mid-Ebb	Cloudy	Low	10:29	2.5	M	1.25	1	0.07	324.299	7.13	7.14	2.70	2.71	20.5	20.55	38.4	37.85	2.76	2.72	22.45	22.495	30	33
M1	5/2/2026	Mid-Ebb	Cloudy	Low	10:29	2.5	M	1.25	2			7.14		2.71		20.6		37.3		2.68		22.54		35	
M2	5/2/2026	Mid-Ebb	Cloudy	Low	10:04	2.3	M	1.15	1	0.075	307.409	7.12	7.12	2.73	2.77	20.5	20.55	39.3	38.90	2.83	2.80	21.64	21.605	88	74
M2	5/2/2026	Mid-Ebb	Cloudy	Low	10:04	2.3	M	1.15	2			7.12		2.8		20.6		38.5		2.77		21.57		59	
M3	5/2/2026	Mid-Ebb	Cloudy	Low	10:54	2	M	1.00	1	0.077	305.248	7.17	7.16	3.54	3.52	20.5	20.50	51.2	50.90	3.68	3.66	30.37	30.245	72	71
M3	5/2/2026	Mid-Ebb	Cloudy	Low	10:54	2	M	1.00	2			7.15		3.49		20.5		50.6		3.64		30.12		70	

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	86.7	93.925

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent
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	7/2/2026	Mid-Flood	Cloudy	Low	16:41	2.4	M	1.20	1	0.078	162.615	7.12	7.13	2.92	2.88	20.8	20.80	40.3	39.55	2.88	2.83	20.74	20.715	6	6
M1	7/2/2026	Mid-Flood	Cloudy	Low	16:41	2.4	M	1.20	2			7.13		2.84		20.8		38.8		2.77		20.69			
M2	7/2/2026	Mid-Flood	Cloudy	Low	17:00	2.2	M	1.10	1	0.079	185.824	7.11	7.12	2.84	2.89	20.8	20.85	38.5	39.05	2.75	2.79	20.86	20.655	5	7
M2	7/2/2026	Mid-Flood	Cloudy	Low	17:00	2.2	M	1.10	2			7.13		2.93		20.9		39.6		2.83		20.45			
M3	7/2/2026	Mid-Flood	Cloudy	Low	17:16	2	M	1.00	1	0.084	174.554	7.15	7.15	3.27	3.28	20.8	20.80	51.5	51.35	3.68	3.67	33.73	33.665	3	4
M3	7/2/2026	Mid-Flood	Cloudy	Low	17:16	2	M	1.00	2			7.14		3.28		20.8		51.2		3.66		33.6			
M1	7/2/2026	Mid-Ebb	Cloudy	Low	11:00	2.5	M	1.25	1	0.079	306.028	7.12	7.12	2.82	2.86	20.5	20.50	38.9	39.40	2.78	2.82	21.46	21.49	6	7
M1	7/2/2026	Mid-Ebb	Cloudy	Low	11:00	2.5	M	1.25	2			7.11		2.89		20.5		39.9		2.85		21.52			
M2	7/2/2026	Mid-Ebb	Cloudy	Low	10:38	2.2	M	1.10	1	0.067	309.171	7.12	7.12	2.75	2.80	20.5	20.55	38.9	39.10	2.84	2.86	21.79	21.735	4	4
M2	7/2/2026	Mid-Ebb	Cloudy	Low	10:38	2.2	M	1.10	2			7.12		2.84		20.6		39.3		2.87		21.68			
M3	7/2/2026	Mid-Ebb	Cloudy	Low	11:20	2	M	1.00	1	0.079	326.191	7.17	7.16	3.43	3.48	20.5	20.55	54.0	53.25	3.94	3.89	34.78	34.925	2.5	4
M3	7/2/2026	Mid-Ebb	Cloudy	Low	11:20	2	M	1.00	2			7.15		3.52		20.6		52.5		3.83		35.07			

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
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	10/2/2026	Mid-Flood	Sunny	Low	15:58	2.6	M	1.30	1	0.087	181.259	7.08	7.08	3.03	3.07	20.5	20.55	39.5	39.55	2.88	2.89	21.90	21.705	10	12
M1	10/2/2026	Mid-Flood	Sunny	Low	15:58	2.6	M	1.30	2			7.08		3.1		20.6		39.6		2.89		21.51		13	
M2	10/2/2026	Mid-Flood	Sunny	Low	16:21	2.3	M	1.15	1	0.074	186.165	7.07	7.06	2.82	2.81	20.5	20.55	38.5	37.80	2.81	2.76	21.91	21.965	10	11
M2	10/2/2026	Mid-Flood	Sunny	Low	16:21	2.3	M	1.15	2			7.05		2.79		20.6		37.1		2.71		22.02		11	
M3	10/2/2026	Mid-Flood	Sunny	Low	16:40	2.1	M	1.05	1	0.083	182.423	7.16	7.15	3.43	3.46	20.5	20.50	52.7	53.25	3.85	3.89	34.47	34.305	11	11
M3	10/2/2026	Mid-Flood	Sunny	Low	16:40	2.1	M	1.05	2			7.14		3.49		20.5		53.8		3.93		34.14		11	
M1	10/2/2026	Mid-Ebb	Sunny	Low	12:11	2.5	M	1.25	1	0.071	312.729	7.07	7.08	2.72	2.71	20.6	20.65	40.1	40.25	2.93	2.94	22.12	21.93	11	11
M1	10/2/2026	Mid-Ebb	Sunny	Low	12:11	2.5	M	1.25	2			7.09		2.69		20.7		40.4		2.95		21.74		10	
M2	10/2/2026	Mid-Ebb	Sunny	Low	11:50	2.2	M	1.10	1	0.064	300.608	7.09	7.10	2.71	2.74	20.6	20.60	37.5	37.20	2.74	2.72	21.63	21.725	11	11
M2	10/2/2026	Mid-Ebb	Sunny	Low	11:50	2.2	M	1.10	2			7.1		2.77		20.6		36.9		2.69		21.82		10	
M3	10/2/2026	Mid-Ebb	Sunny	Low	12:30	2	M	1.00	1	0.071	306.506	7.18	7.18	3.49	3.49	20.6	20.60	50.7	50.10	3.7	3.66	34.37	34.325	13	13
M3	10/2/2026	Mid-Ebb	Sunny	Low	12:30	2	M	1.00	2			7.18		3.49		20.6		49.5		3.61		34.28		12	

Remark

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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
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	12/2/2026	Mid-Flood	Cloudy	Low	18:18	2.7	M	1.35	1	0.095	172.97	7.15	7.15	4.03	4.05	21.5	21.50	40.0	40.65	2.88	2.93	20.80	20.675	14	17
M1	12/2/2026	Mid-Flood	Cloudy	Low	18:18	2.7	M	1.35	2			7.14		4.07		21.5		41.3		2.97		20.55			
M2	12/2/2026	Mid-Flood	Cloudy	Low	18:40	2.4	M	1.20	1	0.09	177.425	7.15	7.16	3.87	3.88	21.5	21.50	39.5	39.05	2.84	2.81	21.14	21.26	19	23
M2	12/2/2026	Mid-Flood	Cloudy	Low	18:40	2.4	M	1.20	2			7.17		3.88		21.5		38.6		2.78		21.38			
M3	12/2/2026	Mid-Flood	Cloudy	Low	18:48	2	M	1.00	1	0.086	176.684	7.19	7.19	4.36	4.36	21.5	21.50	54.3	55.00	3.91	3.96	30.94	30.97	18	17
M3	12/2/2026	Mid-Flood	Cloudy	Low	18:48	2	M	1.00	2			7.19		4.36		21.5		55.7		4.01		31.00			
M1	12/2/2026	Mid-Ebb	Cloudy	Low	10:33	2.5	M	1.25	1	0.067	305.079	7.16	7.16	3.81	3.82	21.8	21.80	37.9	38.55	2.73	2.78	21.97	21.955	16	17
M1	12/2/2026	Mid-Ebb	Cloudy	Low	10:33	2.5	M	1.25	2			7.15		3.83		21.8		39.2		2.82		21.94			
M2	12/2/2026	Mid-Ebb	Cloudy	Low	10:16	2.3	M	1.15	1	0.063	323.673	7.15	7.15	3.71	3.69	21.8	21.80	39.6	38.85	2.85	2.80	20.91	20.925	17	18
M2	12/2/2026	Mid-Ebb	Cloudy	Low	10:16	2.3	M	1.15	2			7.15		3.67		21.8		38.1		2.74		20.94			
M3	12/2/2026	Mid-Ebb	Cloudy	Low	10:46	2	M	1.00	1	0.065	306.343	7.2	7.21	4.55	4.60	21.8	21.80	52.4	52.40	3.77	3.77	30.02	30.195	22	19
M3	12/2/2026	Mid-Ebb	Cloudy	Low	10:46	2	M	1.00	2			7.22		4.64		21.8		52.4		3.77		30.37			

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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 02/2023 Environmental Team for Construction of Yuen Long Effluent
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	14/2/2026	Mid-Flood	Cloudy	Low	12:01	2.4	M	1.20	1	0.09	174.636	7.11	7.11	3.55	3.48	21.1	21.15	38.9	39.35	2.8	2.83	21.52	21.425	5	5
M1	14/2/2026	Mid-Flood	Cloudy	Low	12:01	2.4	M	1.20	2			7.1		3.41		21.2		39.8		2.86		21.33		5	
M2	14/2/2026	Mid-Flood	Cloudy	Low	12:26	2.1	M	1.05	1	0.073	182.755	7.11	7.12	3.26	3.24	21.1	21.10	38.4	39.00	2.76	2.81	22.06	22.04	4	6
M2	14/2/2026	Mid-Flood	Cloudy	Low	12:26	2.1	M	1.05	2			7.12		3.22		21.1		39.6		2.85		22.02		7	
M3	14/2/2026	Mid-Flood	Cloudy	Low	12:45	1.9	M	0.95	1	0.091	164.052	7.17	7.18	3.85	3.82	21.1	21.15	52.8	51.90	3.8	3.74	36.88	36.76	3	4
M3	14/2/2026	Mid-Flood	Cloudy	Low	12:45	1.9	M	0.95	2			7.19		3.79		21.2		51.0		3.67		36.64		4	
M1	14/2/2026	Mid-Ebb	Cloudy	Low	10:05	2.5	M	1.25	1	0.069	303.205	7.11	7.11	2.96	2.92	20.9	20.95	37.7	37.95	2.71	2.73	21.24	21.36	6	6
M1	14/2/2026	Mid-Ebb	Cloudy	Low	10:05	2.5	M	1.25	2			7.11		2.88		21.0		38.2		2.75		21.48		5	
M2	14/2/2026	Mid-Ebb	Cloudy	Low	9:37	2.3	M	1.15	1	0.079	331.891	7.11	7.11	3.11	3.08	20.9	20.90	37.9	38.70	2.73	2.79	21.20	21.285	2.5	3
M2	14/2/2026	Mid-Ebb	Cloudy	Low	9:37	2.3	M	1.15	2			7.11		3.05		20.9		39.5		2.84		21.37		2.5	
M3	14/2/2026	Mid-Ebb	Cloudy	Low	10:21	2	M	1.00	1	0.059	325.937	7.17	7.17	3.68	3.66	20.9	20.95	52.5	53.10	3.78	3.82	37.15	36.955	7	8
M3	14/2/2026	Mid-Ebb	Cloudy	Low	10:21	2	M	1.00	2			7.17		3.64		21.0		53.7		3.86		36.76		8	

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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
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	17/2/2026	Mid-Flood	Cloudy	Low	13:42	2.6	M	1.30	1	0.09	168.243	7.05	7.05	2.95	2.98	20.5	20.55	40.0	40.75	2.92	2.98	19.55	19.365	2.5	4
M1	17/2/2026	Mid-Flood	Cloudy	Low	13:42	2.6	M	1.30	2			7.05		3		20.6		41.5		3.03		19.18		5	
M2	17/2/2026	Mid-Flood	Cloudy	Low	14:06	2.3	M	1.15	1	0.087	189.918	7.06	7.07	2.86	2.84	20.5	20.55	39.5	39.15	2.88	2.86	20.13	20.265	2.5	3
M2	17/2/2026	Mid-Flood	Cloudy	Low	14:06	2.3	M	1.15	2			7.07		2.82		20.6		38.8		2.83		20.4		2.5	
M3	17/2/2026	Mid-Flood	Cloudy	Low	14:22	2.1	M	1.05	1	0.079	161.382	7.14	7.15	3.69	3.65	20.5	20.50	52.3	52.60	3.82	3.84	30.80	30.66	2.5	3
M3	17/2/2026	Mid-Flood	Cloudy	Low	14:22	2.1	M	1.05	2			7.15		3.6		20.5		52.9		3.86		30.52		2.5	
M1	17/2/2026	Mid-Ebb	Cloudy	Low	8:45	2.5	M	1.25	1	0.069	321.507	7.07	7.07	2.72	2.72	20.6	20.65	39.6	38.70	2.89	2.83	18.55	18.705	2.5	3
M1	17/2/2026	Mid-Ebb	Cloudy	Low	8:45	2.5	M	1.25	2			7.06		2.71		20.7		37.8		2.76		18.86		2.5	
M2	17/2/2026	Mid-Ebb	Cloudy	Low	8:23	2.2	M	1.10	1	0.08	324.716	7.08	7.08	2.80	2.82	20.6	20.60	38.1	37.95	2.78	2.77	17.98	17.965	2.5	3
M2	17/2/2026	Mid-Ebb	Cloudy	Low	8:23	2.2	M	1.10	2			7.08		2.83		20.6		37.8		2.76		17.95		2.5	
M3	17/2/2026	Mid-Ebb	Cloudy	Low	9:00	2	M	1.00	1	0.064	316.471	7.13	7.13	3.46	3.48	20.6	20.60	53.6	54.00	3.91	3.94	31.16	30.955	2.5	4
M3	17/2/2026	Mid-Ebb	Cloudy	Low	9:00	2	M	1.00	2			7.12		3.5		20.6		54.4		3.97		30.75		5	

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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
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	19/2/2026	Mid-Flood	Sunny	Low	14:45	2.7	M	1.35	1	0.077	167.004	7.12	7.13	3.08	3.12	21.9	21.90	42.2	42.25	2.99	3.00	24.58	24.685	5	7
M1	19/2/2026	Mid-Flood	Sunny	Low	14:45	2.7	M	1.35	2			7.14		3.15		21.9		42.3		3		24.79		8	
M2	19/2/2026	Mid-Flood	Sunny	Low	15:12	2.4	M	1.20	1	0.081	189.723	7.13	7.13	2.85	2.88	21.9	21.90	42.0	41.45	2.98	2.94	24.83	24.815	2.5	3
M2	19/2/2026	Mid-Flood	Sunny	Low	15:12	2.4	M	1.20	2			7.13		2.9		21.9		40.9		2.9		24.80		2.5	
M3	19/2/2026	Mid-Flood	Sunny	Low	15:30	2	M	1.00	1	0.083	164.353	7.14	7.15	3.25	3.21	21.9	21.90	53.7	52.65	3.81	3.74	33.13	33.01	2.5	3
M3	19/2/2026	Mid-Flood	Sunny	Low	15:30	2	M	1.00	2			7.16		3.17		21.9		51.6		3.66		32.89		2.5	
M1	19/2/2026	Mid-Ebb	Sunny	Low	9:28	2.5	M	1.25	1	0.069	311.667	7.13	7.14	2.80	2.81	21.8	21.80	42.7	43.15	3.03	3.06	24.51	24.565	2.5	3
M1	19/2/2026	Mid-Ebb	Sunny	Low	9:28	2.5	M	1.25	2			7.15		2.81		21.8		43.6		3.09		24.62		2.5	
M2	19/2/2026	Mid-Ebb	Sunny	Low	9:02	2.3	M	1.15	1	0.081	306.999	7.11	7.12	2.81	2.85	21.8	21.85	41.3	40.55	2.93	2.88	23.91	23.85	2.5	3
M2	19/2/2026	Mid-Ebb	Sunny	Low	9:02	2.3	M	1.15	2			7.12		2.88		21.9		39.8		2.82		23.79		2.5	
M3	19/2/2026	Mid-Ebb	Sunny	Low	9:41	2	M	1.00	1	0.059	300.579	7.17	7.17	3.49	3.51	21.8	21.80	53.2	53.65	3.77	3.81	35.88	36.025	2.5	3
M3	19/2/2026	Mid-Ebb	Sunny	Low	9:41	2	M	1.00	2			7.16		3.53		21.8		54.1		3.84		36.17		2.5	

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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
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	21/2/2026	Mid-Flood	Cloudy	Low	15:47	2.6	M	1.30	1	0.089	176.899	7.11	7.12	3.54	3.54	20.2	20.25	42.4	41.50	3.07	3.01	25.88	25.68	2.5	3
M1	21/2/2026	Mid-Flood	Cloudy	Low	15:47	2.6	M	1.30	2			7.13		3.54		20.3		40.6		2.94		25.48		2.5	
M2	21/2/2026	Mid-Flood	Cloudy	Low	16:13	2.3	M	1.15	1	0.078	182.134	7.09	7.10	3.33	3.37	20.2	20.20	41.1	41.05	2.98	2.98	26.93	26.955	2.5	3
M2	21/2/2026	Mid-Flood	Cloudy	Low	16:13	2.3	M	1.15	2			7.1		3.4		20.2		41.0		2.97		26.98		2.5	
M3	21/2/2026	Mid-Flood	Cloudy	Low	16:30	2.1	M	1.05	1	0.08	186.405	7.18	7.19	3.93	3.91	20.2	20.20	53.4	53.20	3.87	3.86	38.46	38.445	2.5	3
M3	21/2/2026	Mid-Flood	Cloudy	Low	16:30	2.1	M	1.05	2			7.19		3.89		20.2		53.0		3.84		38.43		2.5	
M1	21/2/2026	Mid-Ebb	Cloudy	Low	10:09	2.5	M	1.25	1	0.081	304.988	7.11	7.11	3.21	3.21	20.5	20.50	38.2	38.35	2.77	2.78	24.69	24.58	2.5	3
M1	21/2/2026	Mid-Ebb	Cloudy	Low	10:09	2.5	M	1.25	2			7.11		3.2		20.5		38.5		2.79		24.47		2.5	
M2	21/2/2026	Mid-Ebb	Cloudy	Low	9:39	2.2	M	1.10	1	0.074	306.103	7.12	7.12	3.41	3.40	20.5	20.50	38.9	39.25	2.82	2.85	25.73	25.65	2.5	3
M2	21/2/2026	Mid-Ebb	Cloudy	Low	9:39	2.2	M	1.10	2			7.12		3.39		20.5		39.6		2.87		25.57		2.5	
M3	21/2/2026	Mid-Ebb	Cloudy	Low	10:20	2	M	1.00	1	0.077	331.078	7.19	7.20	4.07	4.05	20.5	20.55	55.9	55.15	4.05	4.00	39.41	39.405	2.5	3
M3	21/2/2026	Mid-Ebb	Cloudy	Low	10:20	2	M	1.00	2			7.21		4.03		20.6		54.4		3.94		39.4		2.5	

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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
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	24/2/2026	Mid-Flood	Cloudy	Low	18:02	2.4	M	1.20	1	0.095	181.21	7.06	7.05	2.92	2.95	20.1	20.15	39.5	40.15	2.88	2.93	19.66	19.835	32	31
M1	24/2/2026	Mid-Flood	Cloudy	Low	18:02	2.4	M	1.20	2			7.04		2.98		20.2		40.8		2.98		20.01			
M2	24/2/2026	Mid-Flood	Cloudy	Low	18:21	2.1	M	1.05	1	0.087	189.715	7.07	7.07	2.92	2.88	20.1	20.15	38.4	37.85	2.8	2.76	20.08	19.93	23	26
M2	24/2/2026	Mid-Flood	Cloudy	Low	18:21	2.1	M	1.05	2			7.07		2.83		20.2		37.3		2.72		19.78			
M3	24/2/2026	Mid-Flood	Cloudy	Low	18:39	1.9	M	0.95	1	0.087	173.073	7.18	7.17	3.55	3.57	20.1	20.10	53.8	54.50	3.93	3.98	33.78	33.615	24	23
M3	24/2/2026	Mid-Flood	Cloudy	Low	18:39	1.9	M	0.95	2			7.16		3.59		20.1		55.2		4.03		33.45			
M1	24/2/2026	Mid-Ebb	Cloudy	Low	11:20	2.5	M	1.25	1	0.079	303.113	7.09	7.09	2.97	2.99	20.6	20.65	39.2	39.05	2.86	2.85	21.56	21.565	13	17
M1	24/2/2026	Mid-Ebb	Cloudy	Low	11:20	2.5	M	1.25	2			7.09		3		20.7		38.9		2.84		21.57			
M2	24/2/2026	Mid-Ebb	Cloudy	Low	10:54	2.3	M	1.15	1	0.07	317.933	7.08	7.07	3.01	3.03	20.6	20.65	38.1	37.75	2.78	2.76	20.20	20.19	16	19
M2	24/2/2026	Mid-Ebb	Cloudy	Low	10:54	2.3	M	1.15	2			7.06		3.05		20.7		37.4		2.73		20.18			
M3	24/2/2026	Mid-Ebb	Cloudy	Low	11:40	2	M	1.00	1	0.08	330.756	7.16	7.17	3.69	3.73	20.6	20.65	53.8	54.15	3.93	3.96	35.64	35.525	20	24
M3	24/2/2026	Mid-Ebb	Cloudy	Low	11:40	2	M	1.00	2			7.18		3.76		20.7		54.5		3.98		35.41			

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
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	26/2/2026	Mid-Flood	Cloudy	Low	17:06	2.4	M	1.20	1	0.095	163.818	7.13	7.14	3.05	3.01	20.0	20.05	39.1	38.40	2.81	2.76	22.09	22.055	25	26
M1	26/2/2026	Mid-Flood	Cloudy	Low	17:06	2.4	M	1.20	2			7.14		2.96		20.1		37.7		2.71		22.02			
M2	26/2/2026	Mid-Flood	Cloudy	Low	17:33	2.2	M	1.10	1	0.079	167.76	7.11	7.12	2.84	2.80	20.0	20.00	38.8	39.30	2.79	2.83	22.23	22.29	7	16
M2	26/2/2026	Mid-Flood	Cloudy	Low	17:33	2.2	M	1.10	2			7.12		2.76		20		39.8		2.86		22.35			
M3	26/2/2026	Mid-Flood	Cloudy	Low	17:50	2	M	1.00	1	0.075	170.082	7.17	7.17	3.44	3.43	20.0	20.00	52.5	52.60	3.78	3.79	30.58	30.55	33	33
M3	26/2/2026	Mid-Flood	Cloudy	Low	17:50	2	M	1.00	2			7.16		3.41		20		52.7		3.79		30.52			
M1	26/2/2026	Mid-Ebb	Cloudy	Low	8:35	2.5	M	1.25	1	0.077	343.563	7.13	7.13	2.80	2.77	20.3	20.35	39.2	38.55	2.82	2.78	20.74	20.71	21	21
M1	26/2/2026	Mid-Ebb	Cloudy	Low	8:35	2.5	M	1.25	2			7.13		2.73		20.4		37.9		2.73		20.68			
M2	26/2/2026	Mid-Ebb	Cloudy	Low	8:08	2.2	M	1.10	1	0.058	314.891	7.13	7.12	2.72	2.69	20.3	20.35	38.2	37.65	2.75	2.71	20.84	20.855	27	24
M2	26/2/2026	Mid-Ebb	Cloudy	Low	8:08	2.2	M	1.10	2			7.11		2.66		20.4		37.1		2.67		20.87			
M3	26/2/2026	Mid-Ebb	Cloudy	Low	8:46	2	M	1.00	1	0.064	338.273	7.16	7.16	3.61	3.59	20.3	20.30	53.9	54.00	3.88	3.89	30.29	30.085	23	22
M3	26/2/2026	Mid-Ebb	Cloudy	Low	8:46	2	M	1.00	2			7.15		3.57		20.3		54.1		3.89		29.88			

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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
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	28/2/2026	Mid-Flood	Cloudy	Low	11:45	2.6	M	1.30	1	0.081	173.287	7.08	7.09	3.65	3.66	20.9	20.95	38.0	37.00	2.75	2.68	25.66	25.735	3	3
M1	28/2/2026	Mid-Flood	Cloudy	Low	11:45	2.6	M	1.30	2			7.1		3.66		21		36.0		2.61		25.81		3	
M2	28/2/2026	Mid-Flood	Cloudy	Low	12:15	2.3	M	1.15	1	0.079	168.726	7.09	7.10	3.54	3.57	20.9	20.90	39.7	40.35	2.88	2.93	25.93	26.055	3	3
M2	28/2/2026	Mid-Flood	Cloudy	Low	12:15	2.3	M	1.15	2			7.11		3.59		20.9		41.0		2.97		26.18		3	
M3	28/2/2026	Mid-Flood	Cloudy	Low	12:30	2.1	M	1.05	1	0.094	185.992	7.17	7.18	4.15	4.19	20.9	20.90	50.8	50.30	3.68	3.65	38.94	38.86	3	3
M3	28/2/2026	Mid-Flood	Cloudy	Low	12:30	2.1	M	1.05	2			7.18		4.23		20.9		49.8		3.61		38.78		2.5	
M1	28/2/2026	Mid-Ebb	Cloudy	Low	9:41	2.5	M	1.25	1	0.059	329.078	7.07	7.08	3.45	3.45	20.7	20.70	39.5	39.00	2.86	2.83	24.75	24.555	2.5	3
M1	28/2/2026	Mid-Ebb	Cloudy	Low	9:41	2.5	M	1.25	2			7.08		3.45		20.7		38.5		2.79		24.36		2.5	
M2	28/2/2026	Mid-Ebb	Cloudy	Low	9:10	2.2	M	1.10	1	0.058	319.705	7.08	7.08	3.65	3.63	20.7	20.75	39.9	38.95	2.89	2.82	24.99	25.12	2.5	3
M2	28/2/2026	Mid-Ebb	Cloudy	Low	9:10	2.2	M	1.10	2			7.07		3.6		20.8		38.0		2.75		25.25		2.5	
M3	28/2/2026	Mid-Ebb	Cloudy	Low	9:52	2	M	1.00	1	0.06	307.624	7.15	7.16	4.44	4.48	20.7	20.70	53.8	53.65	3.9	3.89	37.58	37.44	2.5	3
M3	28/2/2026	Mid-Ebb	Cloudy	Low	9:52	2	M	1.00	2			7.17		4.52		20.7		53.5		3.88		37.3		2.5	

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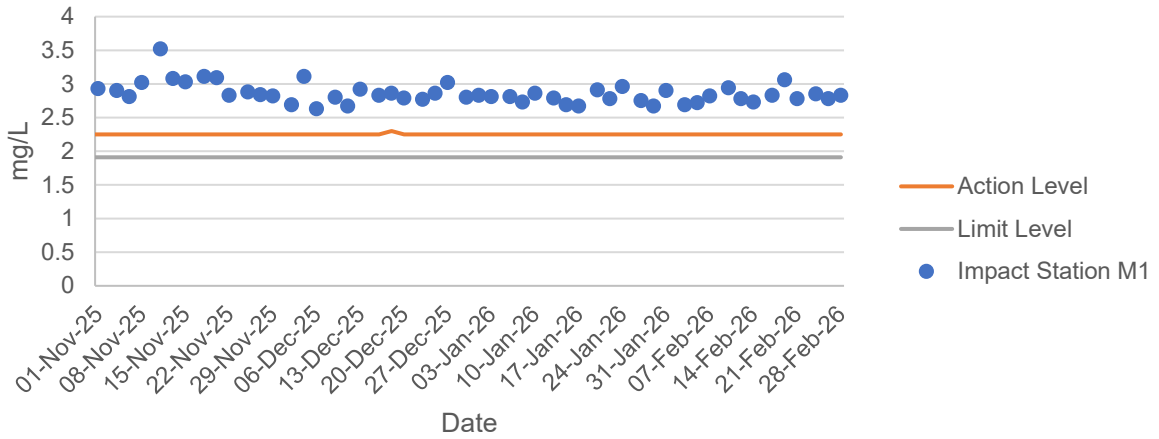
For Flood Tide

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

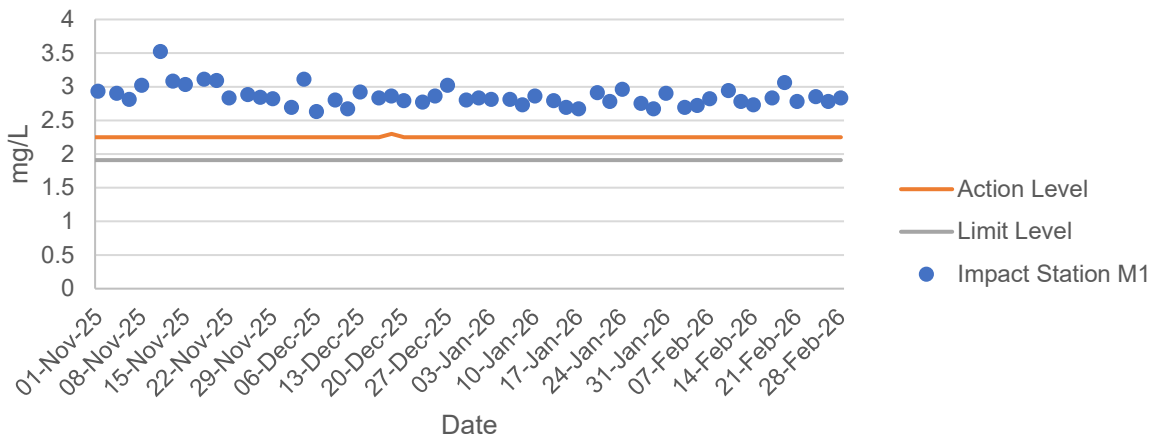
For Ebb Tide

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

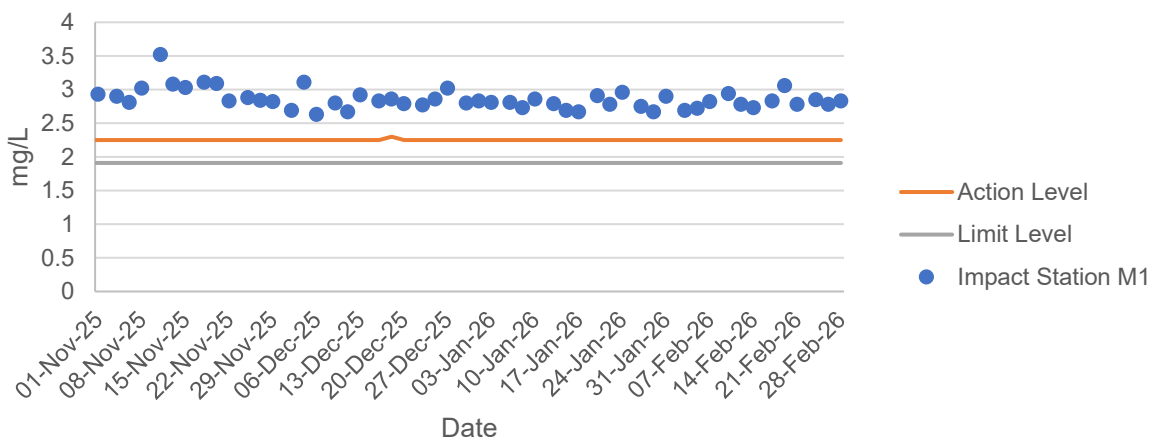
Dissolved Oxygen at Mid-Ebb Tide



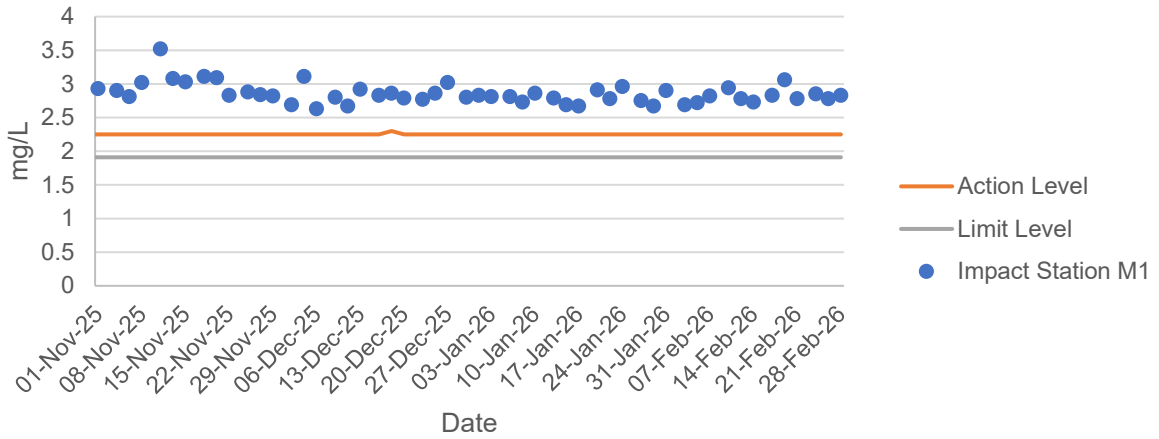
Dissolved Oxygen at Mid-Ebb Tide



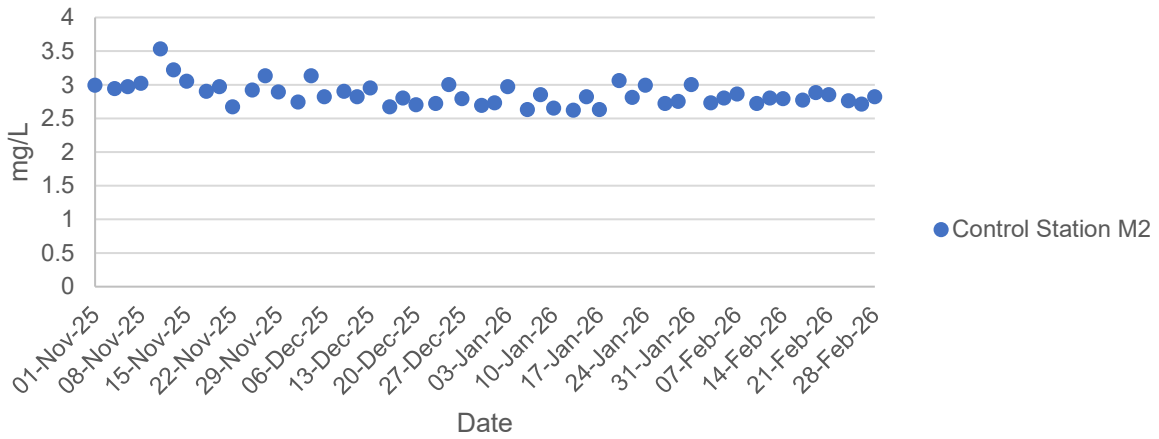
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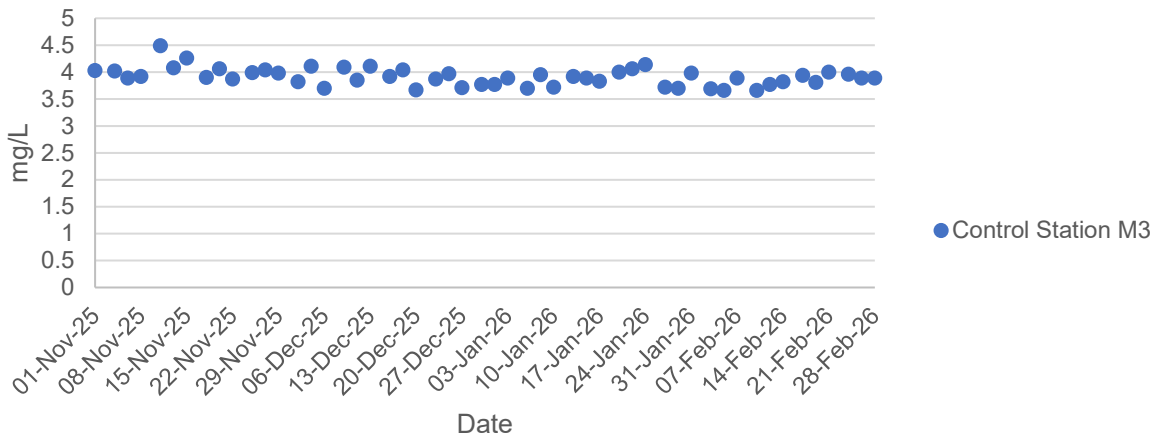
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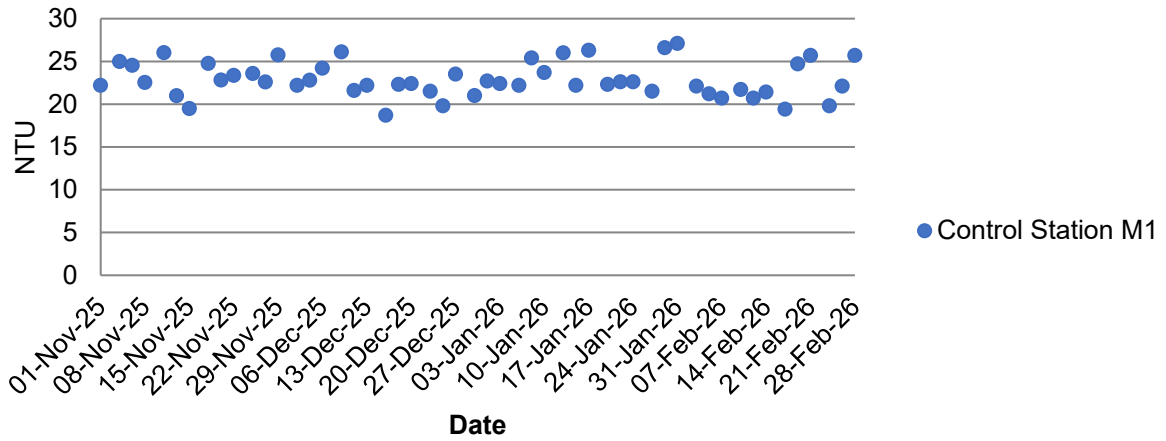
Dissolved Oxygen at Mid-Ebb Tide



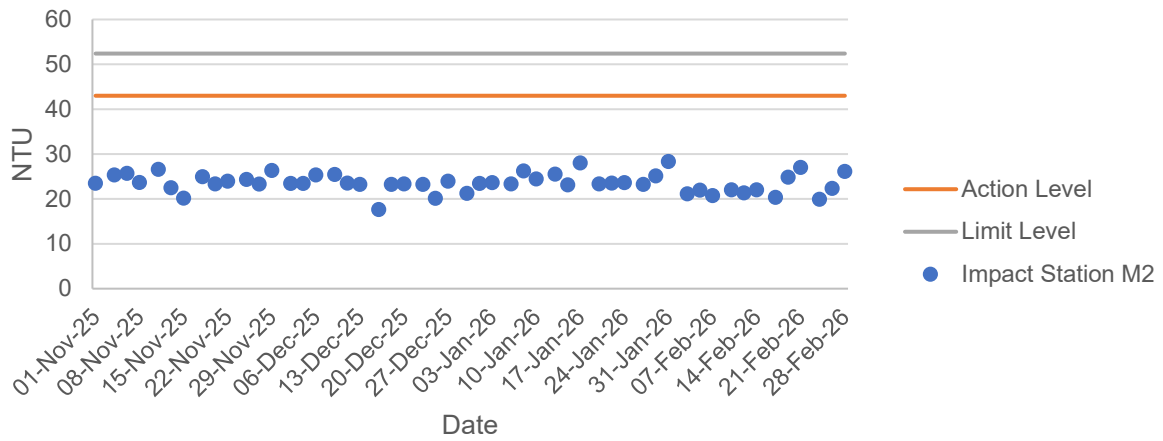
Dissolved Oxygen at Mid-Ebb Tide



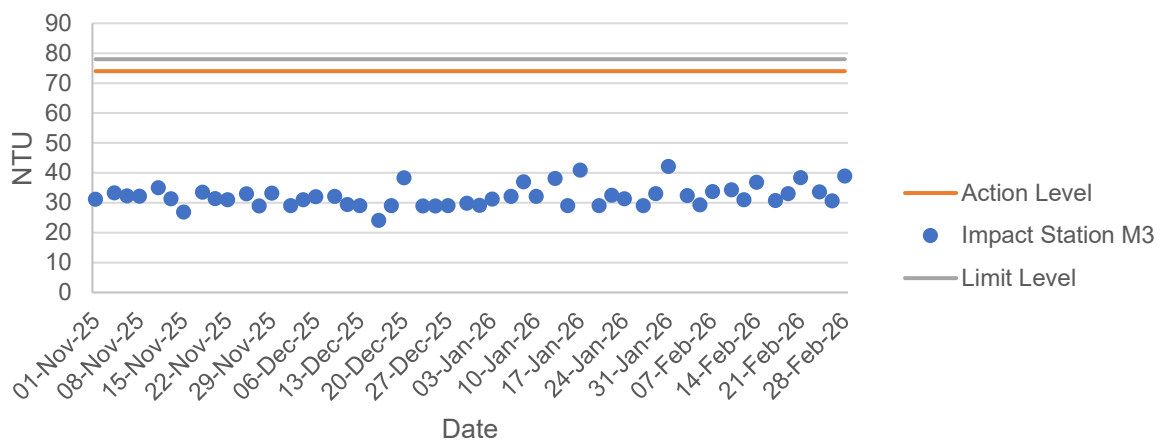
Turbidity at Mid-Flood Tide

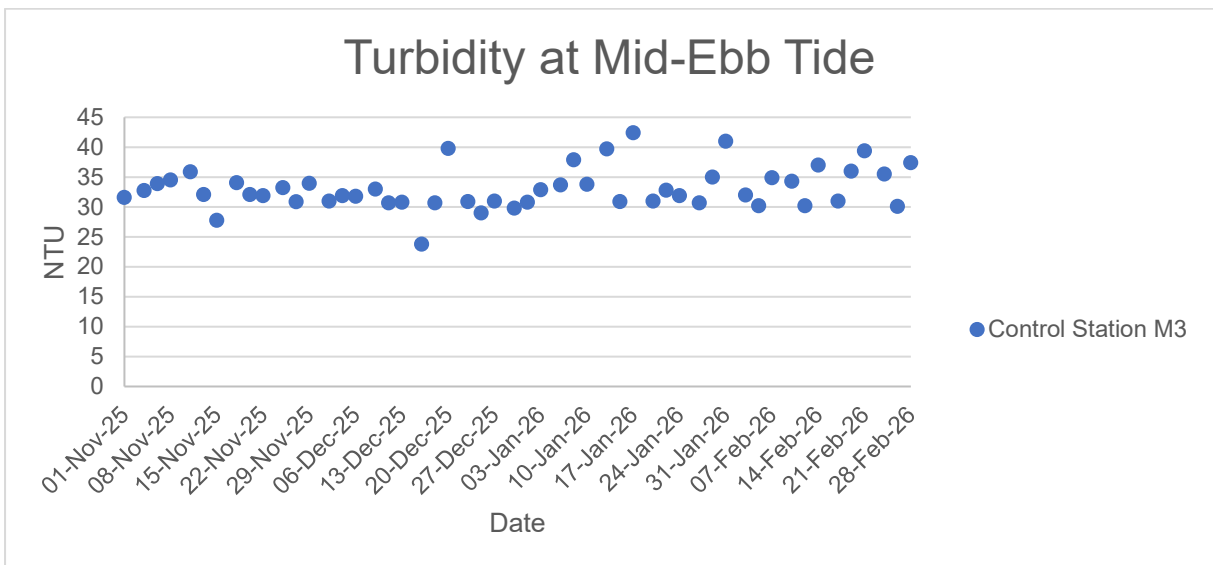
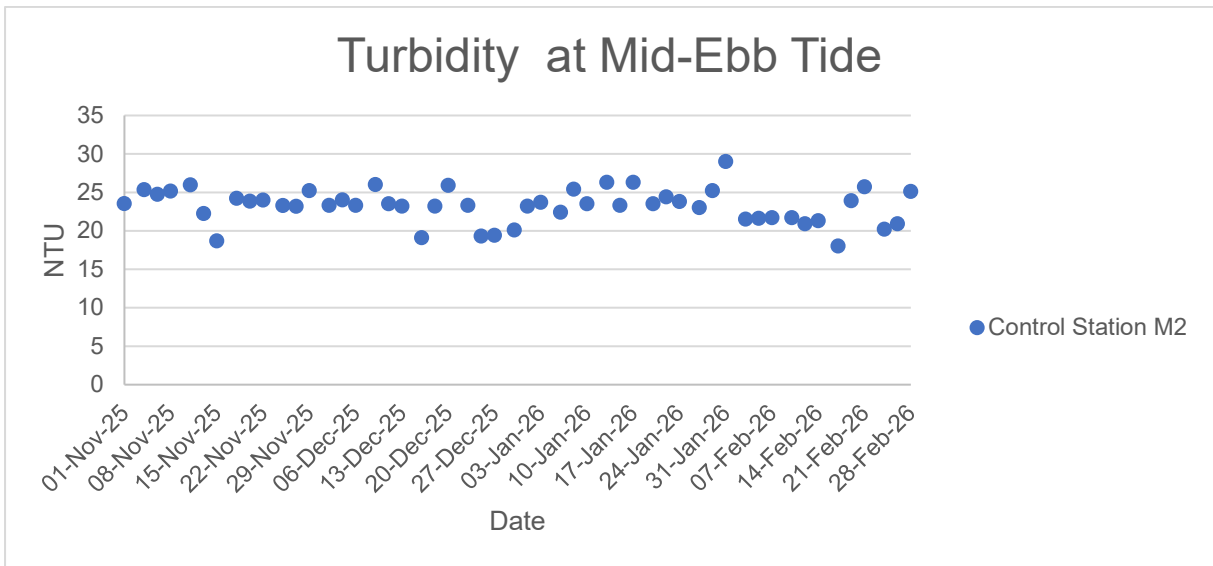
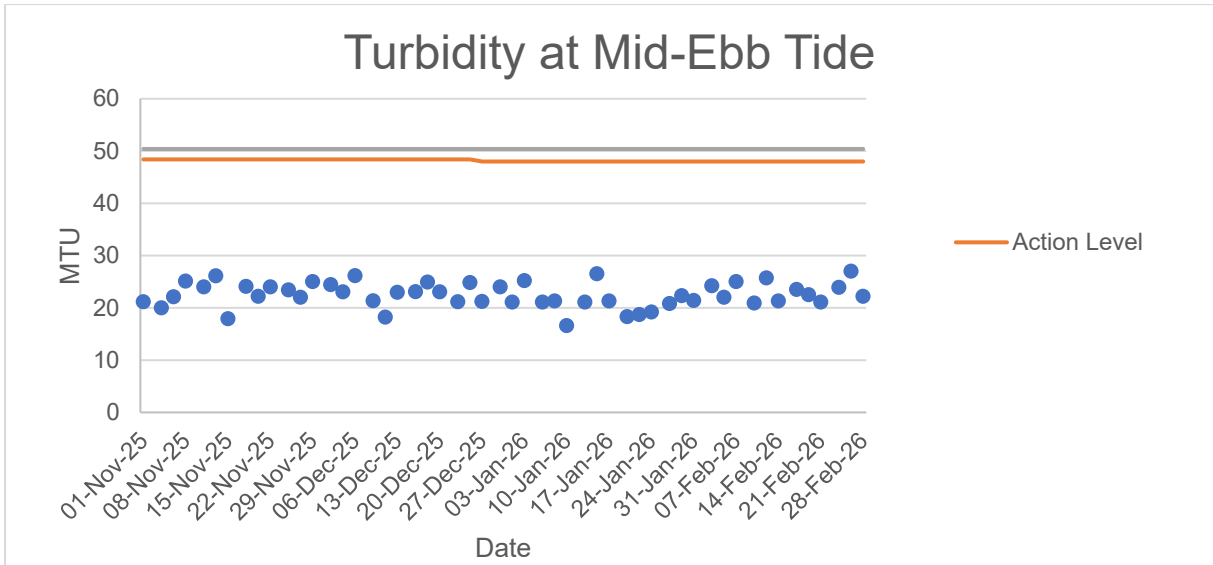


Turbidity at Mid-Flood Tide

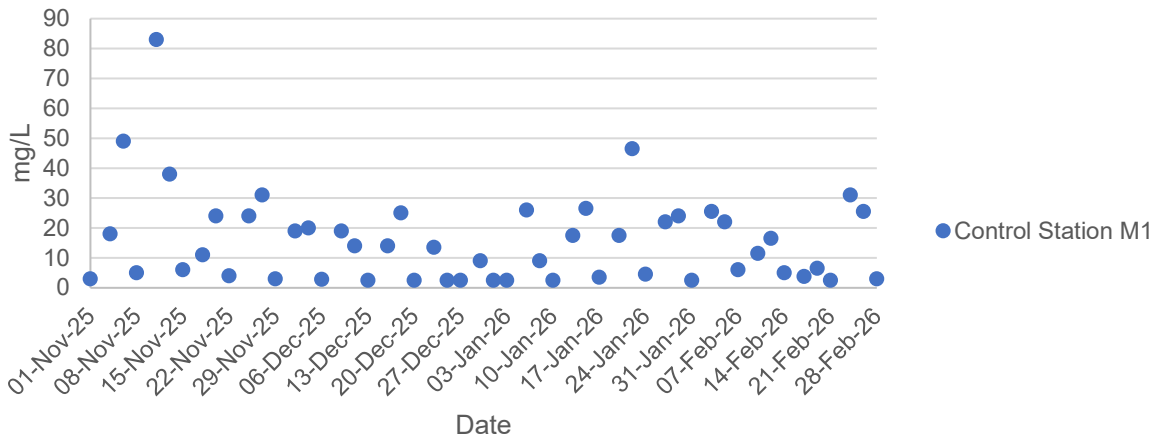


Turbidity at Mid-Flood Tide

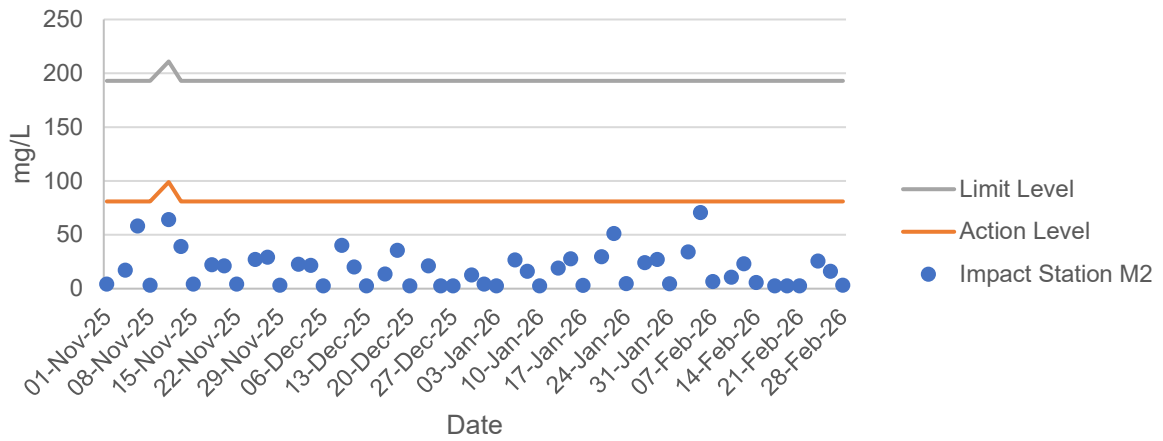




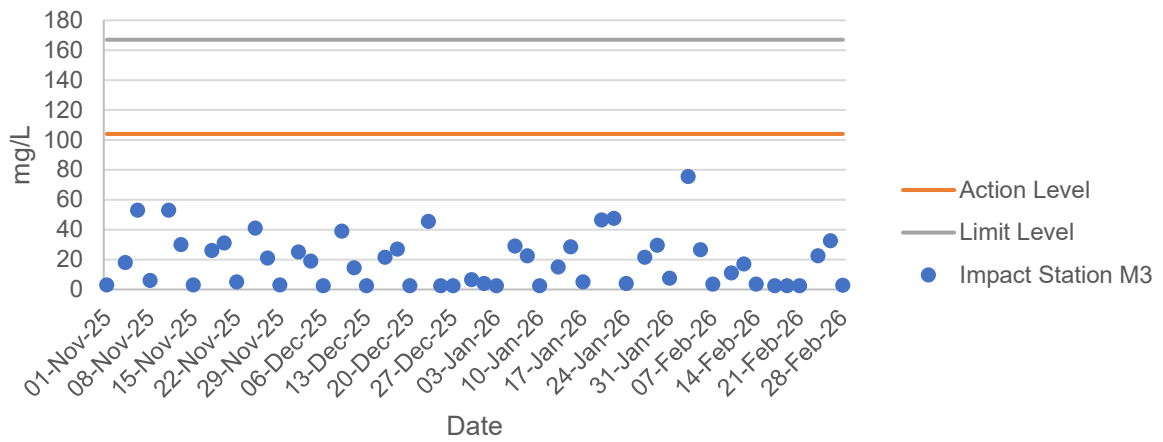
Total Suspended Solids at Mid-Flood Tide



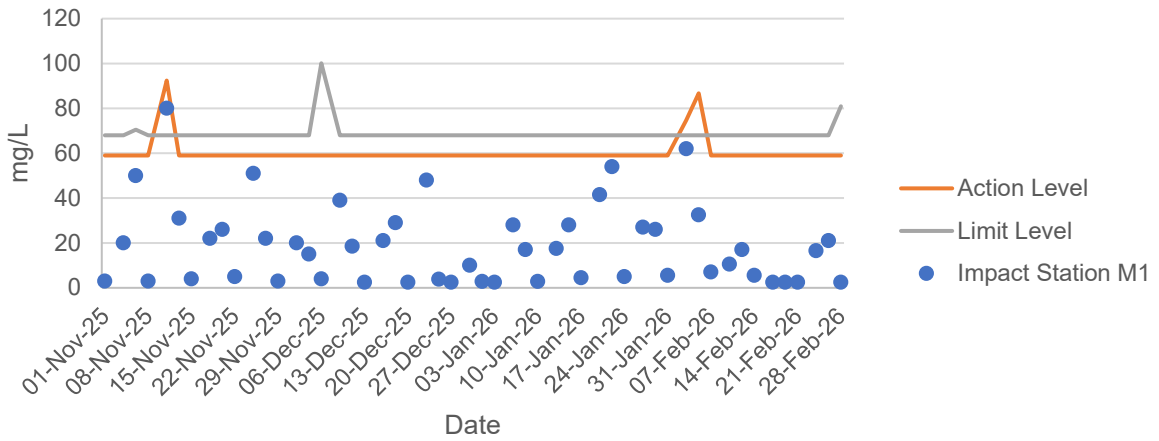
Total Suspended Solids at Mid-Flood Tide



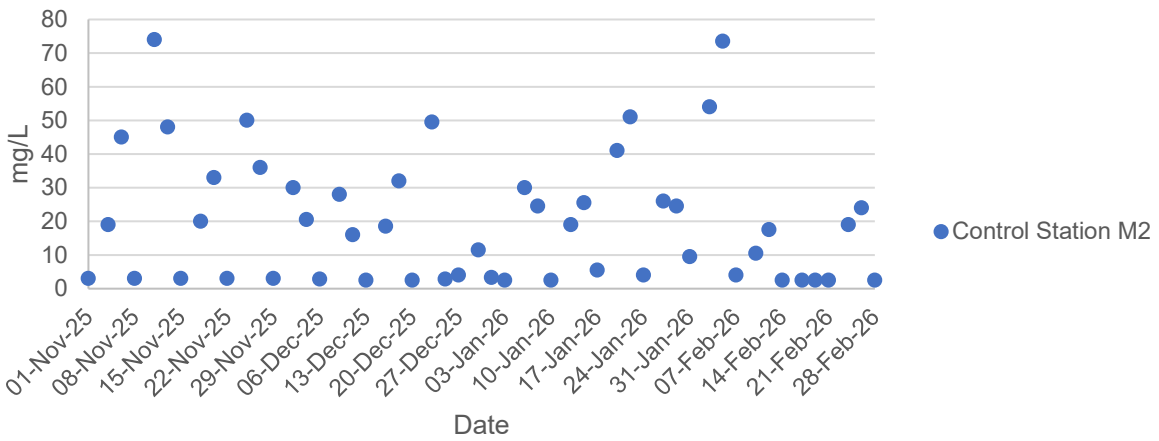
Total Suspended Solids at Mid-Flood Tide



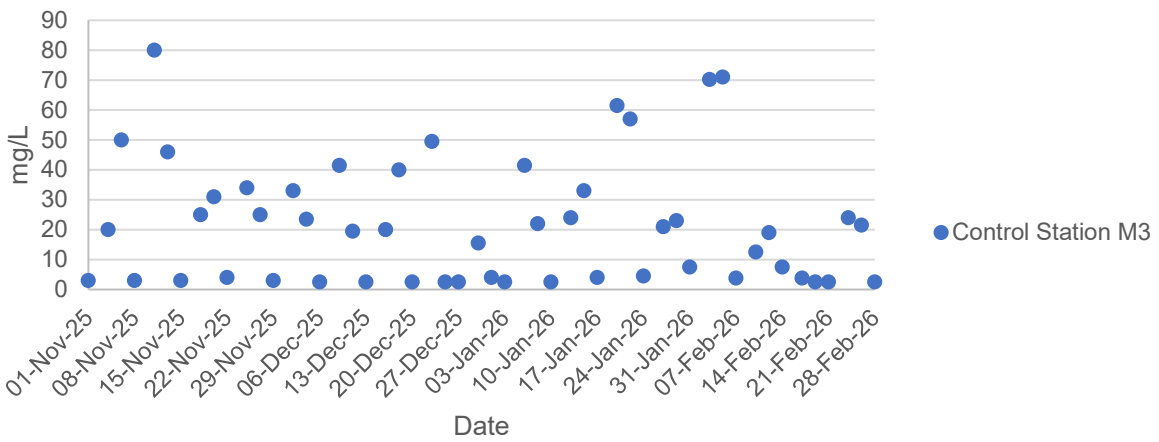
Total Suspended Solids at Mid-Ebb Tide



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 (3 & 12 February 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
12/02/2026	Daytime	Dry	FLW	Point Count	FLW1	Little Grebe	<i>Tachybaptus ruficollis</i>	4	Common	R	LC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW1	Chinese Pond Heron	<i>Ardeola bacchus</i>	4	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW1	Black Kite	<i>Milvus migrans</i>	1	Common	R,WV	(RC)	Class II	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW1	Little Ringed Plover	<i>Charadrius dubius</i>	2	Common	WV,PM	(LC)	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW1	Common Snipe	<i>Gallinago gallinago</i>	1	Common	PM,WV	-	-	-	LC	LC	N	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW1	Common Sandpiper	<i>Actitis hypoleucos</i>	1	Common	PM,WV	-	-	-	LC	LC	N	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW1	Common Greenshank	<i>Tringa nebularia</i>	1	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW1	House Swift	<i>Apus nipalensis</i>	4	Abundant, Common	SpM,R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW2	Chinese Bulbul	<i>Pycnonotus sinensis</i>	4	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW2	Masked Laughingthrush	<i>Pterorhinus perspicillatus</i>	2	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW2	Crested Myna	<i>Acridotheres cristatellus</i>	2	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW3	House Swift	<i>Apus nipalensis</i>	2	Abundant, Common	SpM,R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW3	Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW3	Black-faced Bunting	<i>Emberiza spodocephala</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW4	Northern Shoveler	<i>Spatula clypeata</i>	15	Abundant	WV	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW4	Little Grebe	<i>Tachybaptus ruficollis</i>	2	Common	R	LC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW4	Chinese Pond Heron	<i>Ardeola bacchus</i>	8	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW4	Little Egret	<i>Egretta garzetta</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW4	Great Cormorant	<i>Phalacrocorax carbo</i>	9	Common	WV	PRC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW4	Eastern Buzzard	<i>Buteo japonicus</i>	1	Common	WV	-	Class II	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW4	White-breasted Waterhen	<i>Amauornis phoenicurus</i>	1	Common	R	-	-	-	LC	LC	N	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW4	Common Moorhen	<i>Gallinula chloropus</i>	1	Common	R	-	-	-	LC	LC	N	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW4	Large-billed Crow	<i>Corvus macrorhynchos</i>	2	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW4	Chinese Bulbul	<i>Pycnonotus sinensis</i>	3	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW4	Plain Prinia	<i>Prinia inornata</i>	1	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW4	Crested Myna	<i>Acridotheres cristatellus</i>	8	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW4	Common Myna	<i>Acridotheres tristis</i>	6	Uncommon	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW4	Red-billed Starling	<i>Spodiopsar sericeus</i>	12	Common	WV	GC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW4	Black-collared Starling	<i>Gracupica nigricollis</i>	7	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW4	Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW4	Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW4	Black-faced Bunting	<i>Emberiza spodocephala</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW5	Little Grebe	<i>Tachybaptus ruficollis</i>	1	Common	R	LC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW5	Intermediate Egret	<i>Ardea intermedia</i>	1	Common	PM	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW5	Common Moorhen	<i>Gallinula chloropus</i>	1	Common	R	-	-	-	LC	LC	N	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW5	Common Sandpiper	<i>Actitis hypoleucos</i>	2	Common	PM,WV	-	-	-	LC	LC	N	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW5	Marsh Sandpiper	<i>Tringa stagnatilis</i>	1	Common	PM,WV	RC	-	-	LC	LC	Y	Y

Appendix F.1 Ecological Bird Monitoring Result (3 & 12 February 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
12/02/2026	Daytime	Dry	FLW	Point Count	FLW5	Eurasian Collared Dove	<i>Streptopelia decaocto</i>	2	Common	-	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW5	Spotted Dove	<i>Spilopelia chinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW5	Greater Coucal	<i>Centropus sinensis</i>	1	Common	R	-	Class II	VU	LC	LC	Y	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW5	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	4	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW5	Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	1	Common	WV,Sp	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW5	Crested Myna	<i>Acridotheres cristatellus</i>	6	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW5	Common Myna	<i>Acridotheres tristis</i>	2	Uncommon	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW5	Black-collared Starling	<i>Gracupica nigricollis</i>	20	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW5	Oriental Magpie Robin	<i>Copsychus saularis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW5	Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW5	Eurasian Tree Sparrow	<i>Passer montanus</i>	8	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW5	Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	4	Common	PM,WV	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW5	White Wagtail	<i>Motacilla alba</i>	6	Common	PM,WV	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW5	Manchurian Bush Warbler	<i>Horornis canturians</i>	1	Uncommon	W	-	-	-	-	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW5	Little Bunting	<i>Emberiza pusilla</i>	4	Common	PM,WV	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW6	Chinese Pond Heron	<i>Ardeola bacchus</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW6	Great Egret	<i>Ardea alba</i>	1	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW6	Great Cormorant	<i>Phalacrocorax carbo</i>	2	Common	WV	PRC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW6	Spotted Dove	<i>Spilopelia chinensis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW6	Barn Swallow	<i>Hirundo rustica</i>	4	Abundant	PM,SV	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW6	Yellow-bellied Prinia	<i>Prinia flaviventris</i>	1	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW6	Masked Laughingthrush	<i>Pterorhinus perspicillatus</i>	3	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW7	Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	2	Common	R,WV	(LC)	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW7	Chinese Pond Heron	<i>Ardeola bacchus</i>	23	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Point Count	FLW7	Spotted Dove	<i>Spilopelia chinensis</i>	4	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW7	Long-tailed Shrike	<i>Lanius schach</i>	1	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW7	Azure-winged Magpie	<i>Cyanopica cyanus</i>	4	Introduced	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW7	Crested Myna	<i>Acridotheres cristatellus</i>	9	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Point Count	FLW7	Black-collared Starling	<i>Gracupica nigricollis</i>	7	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Point Count	NSW1	Chinese Pond Heron	<i>Ardeola bacchus</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	NSW1	Grey Heron	<i>Ardea cinerea</i>	1	Common	WV	PRC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	NSW1	Great Cormorant	<i>Phalacrocorax carbo</i>	52	Common	WV	PRC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	NSW1	White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	1	Common	R	-	-	-	LC	LC	N	Y
12/02/2026	Daytime	Dry	NSW	Point Count	NSW1	Eurasian Collared Dove	<i>Streptopelia decaocto</i>	3	Common	-	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Point Count	NSW1	Spotted Dove	<i>Spilopelia chinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Point Count	NSW1	Japanese Tit	<i>Parus minor</i>	2	Common	R	-	-	-	LC	LC	N	N

Appendix F.1 Ecological Bird Monitoring Result (3 & 12 February 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
12/02/2026	Daytime	Dry	NSW	Point Count	NSW1	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	2	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Point Count	NSW1	Chinese Bulbul	<i>Pycnonotus sinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Point Count	NSW1	Dusky Warbler	<i>Phylloscopus fuscatus</i>	2	Common	PM,WV	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Point Count	NSW1	Yellow-bellied Prinia	<i>Prinia flaviventris</i>	1	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Point Count	NSW1	Common Tailorbird	<i>Orthotomus sutorius</i>	1	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Point Count	NSW1	Black-collared Starling	<i>Gracupica nigricollis</i>	3	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Point Count	NSW1	Eurasian Tree Sparrow	<i>Passer montanus</i>	4	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Point Count	NSW1	White Wagtail	<i>Motacilla alba</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Point Count	NSW1	Brown Shrike	<i>Lanius cristatus</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW1	Little Egret	<i>Egretta garzetta</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW1	Great Cormorant	<i>Phalacrocorax carbo</i>	1	Common	WV	PRC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW1	White-breasted Waterhen	<i>Amauornis phoenicurus</i>	1	Common	R	-	-	-	LC	LC	N	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW1	Black-winged stilt	<i>Himantopus himantopus</i>	12	Common	PM	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW1	Common Redshank	<i>Tringa totanus</i>	10	Common	PM	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW1	Black-headed Gull	<i>Chroicocephalus ridibundus</i>	9	Common	WV	PRC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW1	Spotted Dove	<i>Spilopelia chinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW1	White-throated Kingfisher	<i>Halcyon smyrnensis</i>	1	Common	R	(LC)	Class II	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW1	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	2	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW1	Plain Prinia	<i>Prinia inornata</i>	1	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW1	Masked Laughingthrush	<i>Pterorhinus perspicillatus</i>	2	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW1	Crested Myna	<i>Acridotheres cristatellus</i>	5	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW1	White-shouldered Starling	<i>Sturnia sinensis</i>	2	Common	M,W,Su	(LC)	-	-	-	LC	Y	N
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Eurasian Wigeon	<i>Mareca penelope</i>	6	Common	WV	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Eurasian Teal	<i>Anas crecca</i>	22	Common	WV	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Chinese Pond Heron	<i>Ardeola bacchus</i>	3	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Grey Heron	<i>Ardea cinerea</i>	1	Common	WV	PRC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Great Egret	<i>Ardea alba</i>	2	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Little Egret	<i>Egretta garzetta</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Black Kite	<i>Milvus migrans</i>	1	Common	R,WV	(RC)	Class II	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	White-breasted Waterhen	<i>Amauornis phoenicurus</i>	1	Common	R	-	-	-	LC	LC	N	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Common Moorhen	<i>Gallinula chloropus</i>	1	Common	R	-	-	-	LC	LC	N	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Black-winged stilt	<i>Himantopus himantopus</i>	34	Common	PM	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Common Sandpiper	<i>Actitis hypoleucos</i>	2	Common	PM,WV	-	-	-	LC	LC	N	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Common Redshank	<i>Tringa totanus</i>	4	Common	PM	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Common Greenshank	<i>Tringa nebularia</i>	3	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Black-headed Gull	<i>Chroicocephalus ridibundus</i>	9	Common	WV	PRC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Lesser Black-backed Gull	<i>Larus fuscus</i>	2	Common	W,M	LC	-	-	-	LC	Y	Y

Appendix F.1 Ecological Bird Monitoring Result (3 & 12 February 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
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Spotted Dove	<i>Spilopelia chinensis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Common Tailorbird	<i>Orthotomus sutorius</i>	1	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Crested Myna	<i>Acridotheres cristatellus</i>	4	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Garganey	<i>Spatula querquedula</i>	2	Common	M,W	-	-	-	-	LC	N	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Northern Shoveler	<i>Spatula clypeata</i>	7	Abundant	WV	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Eurasian Wigeon	<i>Mareca penelope</i>	45	Common	WV	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Eurasian Teal	<i>Anas crecca</i>	14	Common	WV	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Tufted Duck	<i>Aythya fuligula</i>	3	Uncommon	WV	LC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Chinese Pond Heron	<i>Ardeola bacchus</i>	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Great Egret	<i>Ardea alba</i>	1	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Great Cormorant	<i>Phalacrocorax carbo</i>	9	Common	WV	PRC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Common Moorhen	<i>Gallinula chloropus</i>	4	Common	R	-	-	-	LC	LC	N	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Black-winged stilt	<i>Himantopus himantopus</i>	18	Common	PM	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Pied Avocet	<i>Recurvirostra avosetta</i>	38	Abundant	WV	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Common Sandpiper	<i>Actitis hypoleucos</i>	1	Common	PM,WV	-	-	-	LC	LC	N	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Common Redshank	<i>Tringa totanus</i>	11	Common	PM	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Marsh Sandpiper	<i>Tringa stagnatilis</i>	1	Common	PM,WV	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Common Greenshank	<i>Tringa nebularia</i>	12	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Black-headed Gull	<i>Chroicocephalus ridibundus</i>	6	Common	WV	PRC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Common Kingfisher	<i>Alcedo atthis</i>	1	Common	PM,WV	-	-	-	LC	LC	N	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Pied Kingfisher	<i>Ceryle rudis</i>	1	Uncommon	R	-	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	1	Common	WV,Sp	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Transect	FLW	Northern Shoveler	<i>Spatula clypeata</i>	4	Abundant	WV	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Transect	FLW	Tufted Duck	<i>Aythya fuligula</i>	8	Uncommon	WV	LC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Transect	FLW	Chinese Pond Heron	<i>Ardeola bacchus</i>	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Transect	FLW	Little Egret	<i>Egretta garzetta</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Transect	FLW	Great Cormorant	<i>Phalacrocorax carbo</i>	2	Common	WV	PRC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Transect	FLW	Black Kite	<i>Milvus migrans</i>	3	Common	R,WV	(RC)	Class II	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	FLW	Transect	FLW	Common Moorhen	<i>Gallinula chloropus</i>	1	Common	R	-	-	-	LC	LC	N	Y
12/02/2026	Daytime	Dry	FLW	Transect	FLW	Spotted Dove	<i>Spilopelia chinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Transect	FLW	Greater Coucal	<i>Centropus sinensis</i>	1	Common	R	-	Class II	VU	LC	LC	Y	N
12/02/2026	Daytime	Dry	FLW	Transect	FLW	Azure-winged Magpie	<i>Cyanopica cyanus</i>	3	Introduced	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Transect	FLW	Japanese Tit	<i>Parus minor</i>	2	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Transect	FLW	Chinese Bulbul	<i>Pycnonotus sinensis</i>	4	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Transect	FLW	Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	2	Common	WV,Sp	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Transect	FLW	Dusky Warbler	<i>Phylloscopus fuscatus</i>	2	Common	PM,WV	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Transect	FLW	Yellow-bellied Prinia	<i>Prinia flaviventris</i>	1	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Transect	FLW	Plain Prinia	<i>Prinia inornata</i>	4	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Transect	FLW	Common Tailorbird	<i>Orthotomus sutorius</i>	1	Common	R	-	-	-	LC	LC	N	N

Appendix F.1 Ecological Bird Monitoring Result (3 & 12 February 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
12/02/2026	Daytime	Dry	FLW	Transect	FLW	Swinhoe's White-eye	<i>Zosterops simplex</i>	3	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Transect	FLW	Crested Myna	<i>Acridotheres cristatellus</i>	21	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Transect	FLW	Black-collared Starling	<i>Gracupica nigricollis</i>	2	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Transect	FLW	Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Transect	FLW	Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Transect	FLW	White Wagtail	<i>Motacilla alba</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Transect	FLW	Black-faced Bunting	<i>Emberiza spodocephala</i>	3	Common	PM,WV	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	FLW	Transect	FLW	Bluethroat	<i>Luscinia svecica</i>	1	Uncommon	W	LC	-	-	-	LC	Y	N
12/02/2026	Daytime	Dry	NSW	Transect	NSW	Great Cormorant	<i>Phalacrocorax carbo</i>	2	Common	WV	PRC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Transect	NSW	Greater Coucal	<i>Centropus sinensis</i>	1	Common	R	-	Class II	VU	LC	LC	Y	N
12/02/2026	Daytime	Dry	NSW	Transect	NSW	Japanese Tit	<i>Parus minor</i>	2	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Transect	NSW	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	4	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Transect	NSW	Yellow-bellied Prinia	<i>Prinia flaviventris</i>	2	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Transect	NSW	Plain Prinia	<i>Prinia inornata</i>	2	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Transect	NSW	Common Tailorbird	<i>Orthotomus sutorius</i>	2	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Transect	NSW	Masked Laughingthrush	<i>Pterorhinus perspicillatus</i>	4	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Transect	NSW	Swinhoe's White-eye	<i>Zosterops simplex</i>	2	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Transect	NSW	Red-billed Starling	<i>Spodiopsar sericeus</i>	20	Common	WV	GC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	NSW	Transect	NSW	Black-collared Starling	<i>Gracupica nigricollis</i>	3	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Transect	NSW	Oriental Magpie Robin	<i>Copsychus saularis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	NSW	Transect	NSW	White Wagtail	<i>Motacilla alba</i>	2	Common	PM,WV	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Northern Shoveler	<i>Spatula clypeata</i>	24	Abundant	WV	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Eurasian Teal	<i>Anas crecca</i>	18	Common	WV	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Chinese Pond Heron	<i>Ardeola bacchus</i>	6	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Grey Heron	<i>Ardea cinerea</i>	2	Common	WV	PRC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Great Egret	<i>Ardea alba</i>	3	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Little Egret	<i>Egretta garzetta</i>	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Great Cormorant	<i>Phalacrocorax carbo</i>	4	Common	WV	PRC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Black-winged stilt	<i>Himantopus himantopus</i>	67	Common	PM	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Pied Avocet	<i>Recurvirostra avosetta</i>	22	Abundant	WV	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Common Sandpiper	<i>Actitis hypoleucos</i>	1	Common	PM,WV	-	-	-	LC	LC	N	Y
12/02/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Common Redshank	<i>Tringa totanus</i>	28	Common	PM	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	spotted Redshank	<i>Tringa erythropus</i>	1	Abundant	WV,Sp	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Common Greenshank	<i>Tringa nebularia</i>	6	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
12/02/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Black-headed Gull	<i>Chroicocephalus ridibundus</i>	29	Common	WV	PRC	-	-	LC	LC	Y	Y

Appendix F.1 Ecological Bird Monitoring Result (3 & 12 February 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
12/02/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Chinese Bulbul	<i>Pycnonotus sinensis</i>	4	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Swinhoe's White-eye	<i>Zosterops simplex</i>	2	Abundant	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Crested Myna	<i>Acridotheres cristatellus</i>	3	Common	R	-	-	-	LC	LC	N	N
12/02/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Black-collared Starling	<i>Gracupica nigricollis</i>	8	Common	R	-	-	-	LC	LC	N	N
03/02/2026	Night-time	Dry	FLW	Point Count	FLW5	Black-winged stilt	<i>Himantopus himantopus</i>	5	Common	PM	RC	-	-	LC	LC	Y	Y
03/02/2026	Night-time	Dry	NSW	Point Count	SP/NSW1	Black-winged stilt	<i>Himantopus himantopus</i>	4	Common	PM	RC	-	-	LC	LC	Y	Y
03/02/2026	Night-time	Dry	NSW	Point Count	SP/NSW3	Common Greenshank	<i>Tringa nebularia</i>	3	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
03/02/2026	Night-time	Dry	NSW	Point Count	SP/NSW3	Collared Scops Owl	<i>Otus lettia</i>	1	Common	R	-	Class II	-	LC	LC	Y	N
03/02/2026	Night-time	Dry	FLW	Transect	FLW	Grey Heron	<i>Ardea cinerea</i>	1	Common	WV	PRC	-	-	LC	LC	Y	Y

Notes:

- All wild birds are protected under Wild Animals Protection Ordinance (Cap. 170).
- AFCD (2021). Hong Kong Biodiversity Database.
- Carey et al. (2001): R=resident; WV=winter visitor; SV=summer visitor; PM=passage migrant; Sp=spring; A=autumn;
- 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.
- List of Wild Animals under State Protection (promulgated by State Forestry Administration and Ministry of Agriculture on 14 January, 1989).
- Zheng, G. M. and Wang, Q. S. (1998). China Red Data Book
- IUCN 2021. The IUCN Red List of Threatened Species. Version 2020-3.
- Wetland-dependent species (including wetland-dependent species and waterbirds).
- 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 (3 & 12 February 2026)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) ²
<i>Spatula querquedula</i>	2	0.0030	-5.7961	-0.0176	0.1021
<i>Spatula clypeata</i>	22	0.0334	-3.3982	-0.1136	0.3861
<i>Mareca penelope</i>	51	0.0775	-2.5574	-0.1982	0.5069
<i>Anas crecca</i>	36	0.0547	-2.9057	-0.1590	0.4619
<i>Aythya fuligula</i>	3	0.0046	-5.3906	-0.0246	0.1325
<i>Tachybaptus ruficollis</i>	7	0.0106	-4.5433	-0.0483	0.2196
<i>Nycticorax nycticorax</i>	2	0.0030	-5.7961	-0.0176	0.1021
<i>Ardeola bacchus</i>	42	0.0638	-2.7515	-0.1756	0.4833
<i>Ardea cinerea</i>	2	0.0030	-5.7961	-0.0176	0.1021
<i>Ardea alba</i>	4	0.0061	-5.1029	-0.0310	0.1583
<i>Ardea intermedia</i>	1	0.0015	-6.4892	-0.0099	0.0640
<i>Egretta garzetta</i>	3	0.0046	-5.3906	-0.0246	0.1325
<i>Phalacrocorax carbo</i>	73	0.1109	-2.1987	-0.2439	0.5363
<i>Milvus migrans</i>	2	0.0030	-5.7961	-0.0176	0.1021
<i>Buteo japonicus</i>	1	0.0015	-6.4892	-0.0099	0.0640
<i>Amaurornis phoenicurus</i>	4	0.0061	-5.1029	-0.0310	0.1583
<i>Gallinula chloropus</i>	7	0.0106	-4.5433	-0.0483	0.2196
<i>Himantopus himantopus</i>	73	0.1109	-2.1987	-0.2439	0.5363
<i>Recurvirostra avosetta</i>	38	0.0578	-2.8516	-0.1647	0.4696
<i>Charadrius dubius</i>	2	0.0030	-5.7961	-0.0176	0.1021
<i>Gallinago gallinago</i>	1	0.0015	-6.4892	-0.0099	0.0640
<i>Actitis hypoleucos</i>	6	0.0091	-4.6974	-0.0428	0.2012
<i>Tringa totanus</i>	25	0.0380	-3.2703	-0.1243	0.4063
<i>Tringa stagnatilis</i>	2	0.0030	-5.7961	-0.0176	0.1021
<i>Tringa nebularia</i>	19	0.0289	-3.5448	-0.1024	0.3628
<i>Chroicocephalus ridibundus</i>	24	0.0365	-3.3112	-0.1208	0.3999
<i>Larus fuscus</i>	2	0.0030	-5.7961	-0.0176	0.1021
<i>Streptopelia decaocto</i>	5	0.0076	-4.8798	-0.0371	0.1809
<i>Spilopelia chinensis</i>	12	0.0182	-4.0043	-0.0730	0.2924
<i>Centropus sinensis</i>	1	0.0015	-6.4892	-0.0099	0.0640
<i>Otus lettia</i>	1	0.0015	-6.4892	-0.0099	0.0640
<i>Apus nipalensis</i>	6	0.0091	-4.6974	-0.0428	0.2012
<i>Halcyon smyrnensis</i>	1	0.0015	-6.4892	-0.0099	0.0640
<i>Alcedo atthis</i>	1	0.0015	-6.4892	-0.0099	0.0640
<i>Ceryle rudis</i>	1	0.0015	-6.4892	-0.0099	0.0640
<i>Lanius cristatus</i>	1	0.0015	-6.4892	-0.0099	0.0640
<i>Lanius schach</i>	1	0.0015	-6.4892	-0.0099	0.0640
<i>Cyanopica cyanus</i>	4	0.0061	-5.1029	-0.0310	0.1583
<i>Corvus macrorhynchos</i>	2	0.0030	-5.7961	-0.0176	0.1021
<i>Parus minor</i>	2	0.0030	-5.7961	-0.0176	0.1021
<i>Pycnonotus jocosus</i>	8	0.0122	-4.4098	-0.0536	0.2364
<i>Pycnonotus sinensis</i>	9	0.0137	-4.2920	-0.0587	0.2520
<i>Hirundo rustica</i>	4	0.0061	-5.1029	-0.0310	0.1583
<i>Horornis canturians</i>	1	0.0015	-6.4892	-0.0099	0.0640
<i>Phylloscopus inornatus</i>	2	0.0030	-5.7961	-0.0176	0.1021
<i>Phylloscopus fuscatus</i>	2	0.0030	-5.7961	-0.0176	0.1021
<i>Prinia flaviventris</i>	2	0.0030	-5.7961	-0.0176	0.1021
<i>Prinia inornata</i>	2	0.0030	-5.7961	-0.0176	0.1021
<i>Orthotomus sutorius</i>	2	0.0030	-5.7961	-0.0176	0.1021

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) ²
<i>Pterorhinus perspicillatus</i>	7	0.0106	-4.5433	-0.0483	0.2196
<i>Acridotheres cristatellus</i>	34	0.0517	-2.9628	-0.1531	0.4536
<i>Acridotheres tristis</i>	8	0.0122	-4.4098	-0.0536	0.2364
<i>Spodiopsar sericeus</i>	12	0.0182	-4.0043	-0.0730	0.2924
<i>Gracupica nigricollis</i>	37	0.0562	-2.8783	-0.1618	0.4658
<i>Sturnia sinensis</i>	2	0.0030	-5.7961	-0.0176	0.1021
<i>Copsychus saularis</i>	1	0.0015	-6.4892	-0.0099	0.0640
<i>Saxicola stejnegeri</i>	2	0.0030	-5.7961	-0.0176	0.1021
<i>Passer montanus</i>	12	0.0182	-4.0043	-0.0730	0.2924
<i>Motacilla tschutschensis</i>	6	0.0091	-4.6974	-0.0428	0.2012
<i>Motacilla alba</i>	7	0.0106	-4.5433	-0.0483	0.2196
<i>Emberiza pusilla</i>	4	0.0061	-5.1029	-0.0310	0.1583
<i>Emberiza spodocephala</i>	2	0.0030	-5.7961	-0.0176	0.1021
Total	658	1	-309.7981	-3.3273	12.2943
Richness	62				
SS	12.2943				
SQ	11.0711				
H	3.3273				
S ² H	0.0019				

Appendix F.2.2 Ecological Bird Monitoring Diversity (Avifauna species of conservation importance in Point Count Method) in All Habitats (3 & 12 February 2026)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) ²
<i>Spatula clypeata</i>	22	0.0385	-3.2581	-0.1253	0.4083
<i>Mareca penelope</i>	51	0.0892	-2.4173	-0.2155	0.5210
<i>Anas crecca</i>	36	0.0629	-2.7656	-0.1741	0.4814
<i>Aythya fuligula</i>	3	0.0052	-5.2505	-0.0275	0.1446
<i>Tachybaptus ruficollis</i>	7	0.0122	-4.4032	-0.0539	0.2373
<i>Nycticorax nycticorax</i>	2	0.0035	-5.6560	-0.0198	0.1119
<i>Ardeola bacchus</i>	42	0.0734	-2.6115	-0.1918	0.5008
<i>Ardea cinerea</i>	2	0.0035	-5.6560	-0.0198	0.1119
<i>Ardea alba</i>	4	0.0070	-4.9628	-0.0347	0.1722
<i>Ardea intermedia</i>	1	0.0017	-6.3491	-0.0111	0.0705
<i>Egretta garzetta</i>	3	0.0052	-5.2505	-0.0275	0.1446
<i>Phalacrocorax carbo</i>	73	0.1276	-2.0587	-0.2627	0.5409
<i>Milvus migrans</i>	2	0.0035	-5.6560	-0.0198	0.1119
<i>Buteo japonicus</i>	1	0.0017	-6.3491	-0.0111	0.0705
<i>Himantopus himantopus</i>	73	0.1276	-2.0587	-0.2627	0.5409
<i>Recurvirostra avosetta</i>	38	0.0664	-2.7116	-0.1801	0.4885
<i>Charadrius dubius</i>	2	0.0035	-5.6560	-0.0198	0.1119
<i>Tringa totanus</i>	25	0.0437	-3.1303	-0.1368	0.4283
<i>Tringa stagnatilis</i>	2	0.0035	-5.6560	-0.0198	0.1119
<i>Tringa nebularia</i>	19	0.0332	-3.4047	-0.1131	0.3850
<i>Chroicocephalus ridibundus</i>	24	0.0420	-3.1711	-0.1331	0.4219
<i>Larus fuscus</i>	2	0.0035	-5.6560	-0.0198	0.1119
<i>Centropus sinensis</i>	1	0.0017	-6.3491	-0.0111	0.0705
<i>Otus lettia</i>	1	0.0017	-6.3491	-0.0111	0.0705
<i>Halcyon smyrnensis</i>	1	0.0022	-6.1137	-0.0135	0.0827
<i>Ceryle rudis</i>	1	0.0022	-6.1137	-0.0135	0.0827
<i>Spodiopsar sericeus</i>	12	0.0265	-3.6288	-0.0963	0.3496
<i>Sturnia sinensis</i>	2	0.0044	-5.4205	-0.0240	0.1300
Total	452	1	-122.4128	-2.5802	7.5052
Richness	28				
SS	7.5052				
SQ	6.6576				
H	2.5802				
S ² H	0.001941				

Appendix F.2.3 Ecological Bird Monitoring Diversity (All avifauna species in Transect Walk Method) in All Habitats (3 & 12 February 2026)

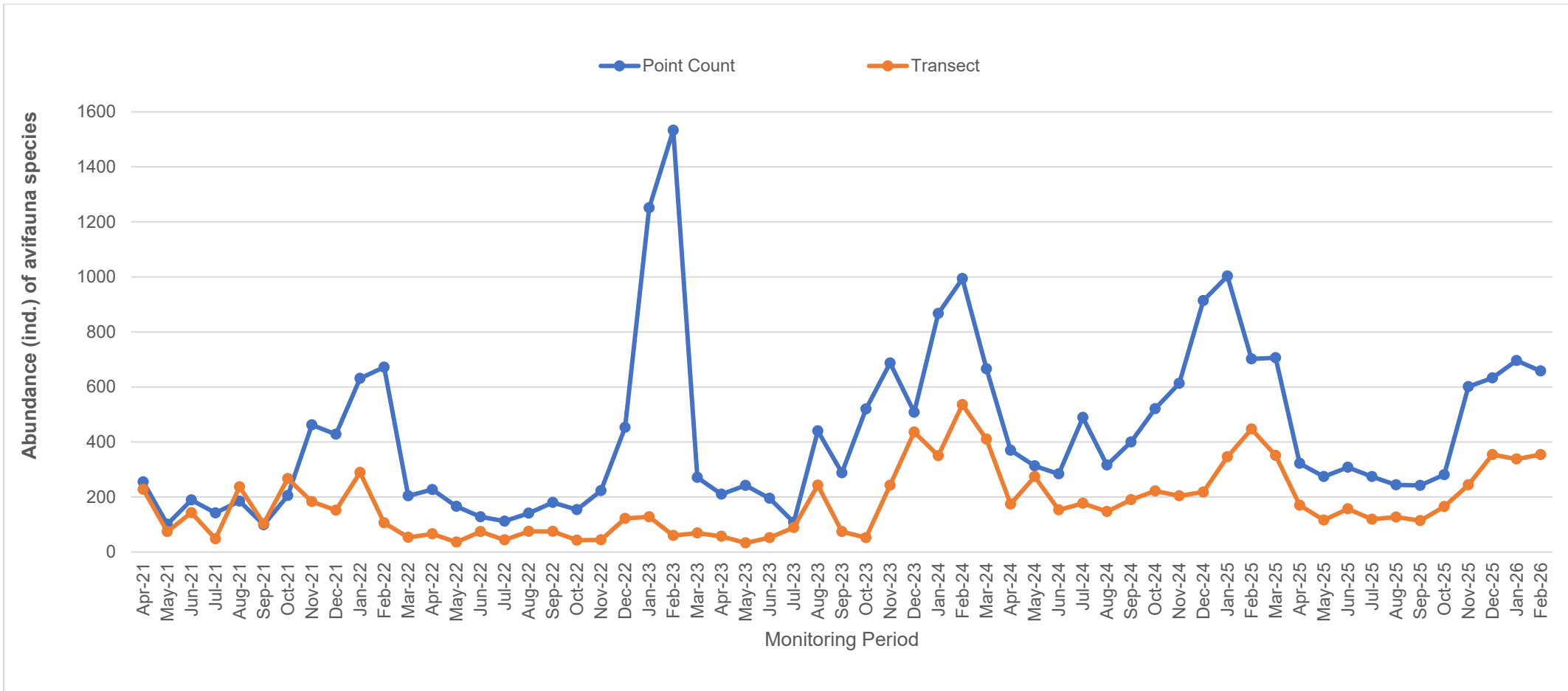
Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) ²
<i>Spatula clypeata</i>	28	0.0791	-2.5371	-0.2007	0.5091
<i>Anas crecca</i>	18	0.0508	-2.9789	-0.1515	0.4512
<i>Aythya fuligula</i>	8	0.0226	-3.7899	-0.0856	0.3246
<i>Ardeola bacchus</i>	8	0.0226	-3.7899	-0.0856	0.3246
<i>Ardea cinerea</i>	3	0.0085	-4.7707	-0.0404	0.1929
<i>Ardea alba</i>	3	0.0085	-4.7707	-0.0404	0.1929
<i>Egretta garzetta</i>	3	0.0085	-4.7707	-0.0404	0.1929
<i>Phalacrocorax carbo</i>	8	0.0226	-3.7899	-0.0856	0.3246
<i>Milvus migrans</i>	3	0.0085	-4.7707	-0.0404	0.1929
<i>Gallinula chloropus</i>	1	0.0028	-5.8693	-0.0166	0.0973
<i>Himantopus himantopus</i>	67	0.1893	-1.6646	-0.3151	0.5244
<i>Recurvirostra avosetta</i>	22	0.0621	-2.7783	-0.1727	0.4797
<i>Actitis hypoleucos</i>	1	0.0028	-5.8693	-0.0166	0.0973
<i>Tringa totanus</i>	28	0.0791	-2.5371	-0.2007	0.5091
<i>Tringa erythropus</i>	1	0.0028	-5.8693	-0.0166	0.0973
<i>Tringa nebularia</i>	6	0.0169	-4.0775	-0.0691	0.2818
<i>Chroicocephalus ridibundus</i>	29	0.0819	-2.5020	-0.2050	0.5128
<i>Spilopelia chinensis</i>	2	0.0056	-5.1761	-0.0292	0.1514
<i>Centropus sinensis</i>	2	0.0056	-5.1761	-0.0292	0.1514
<i>Cyanopica cyanus</i>	3	0.0085	-4.7707	-0.0404	0.1929
<i>Parus minor</i>	4	0.0113	-4.4830	-0.0507	0.2271
<i>Pycnonotus jocosus</i>	4	0.0113	-4.4830	-0.0507	0.2271
<i>Pycnonotus sinensis</i>	8	0.0226	-3.7899	-0.0856	0.3246
<i>Phylloscopus inornatus</i>	2	0.0056	-5.1761	-0.0292	0.1514
<i>Phylloscopus fuscatus</i>	2	0.0056	-5.1761	-0.0292	0.1514
<i>Prinia flaviventris</i>	3	0.0085	-4.7707	-0.0404	0.1929
<i>Prinia inornata</i>	6	0.0169	-4.0775	-0.0691	0.2818
<i>Orthotomus sutorius</i>	3	0.0085	-4.7707	-0.0404	0.1929
<i>Pterorhinus perspicillatus</i>	4	0.0113	-4.4830	-0.0507	0.2271
<i>Zosterops simplex</i>	7	0.0198	-3.9234	-0.0776	0.3044
<i>Acridotheres cristatellus</i>	24	0.0678	-2.6912	-0.1825	0.4910
<i>Spodiopsar sericeus</i>	20	0.0565	-2.8736	-0.1623	0.4665
<i>Gracupica nigricollis</i>	13	0.0367	-3.3043	-0.1213	0.4010
<i>Copsychus saularis</i>	1	0.0028	-5.8693	-0.0166	0.0973
<i>Luscinia svecica</i>	1	0.0028	-5.8693	-0.0166	0.0973
<i>Saxicola stejnegeri</i>	1	0.0028	-5.8693	-0.0166	0.0973
<i>Motacilla tschutschensis</i>	1	0.0028	-5.8693	-0.0166	0.0973
<i>Motacilla alba</i>	3	0.0085	-4.7707	-0.0404	0.1929
<i>Emberiza spodocephala</i>	3	0.0085	-4.7707	-0.0404	0.1929
Total	354	1	-169.2799	-3.0189	10.2151
Richness	39				
SS	10.2151				
SQ	9.1138				

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) ²
H	3.0189				
S ² H	0.003263				

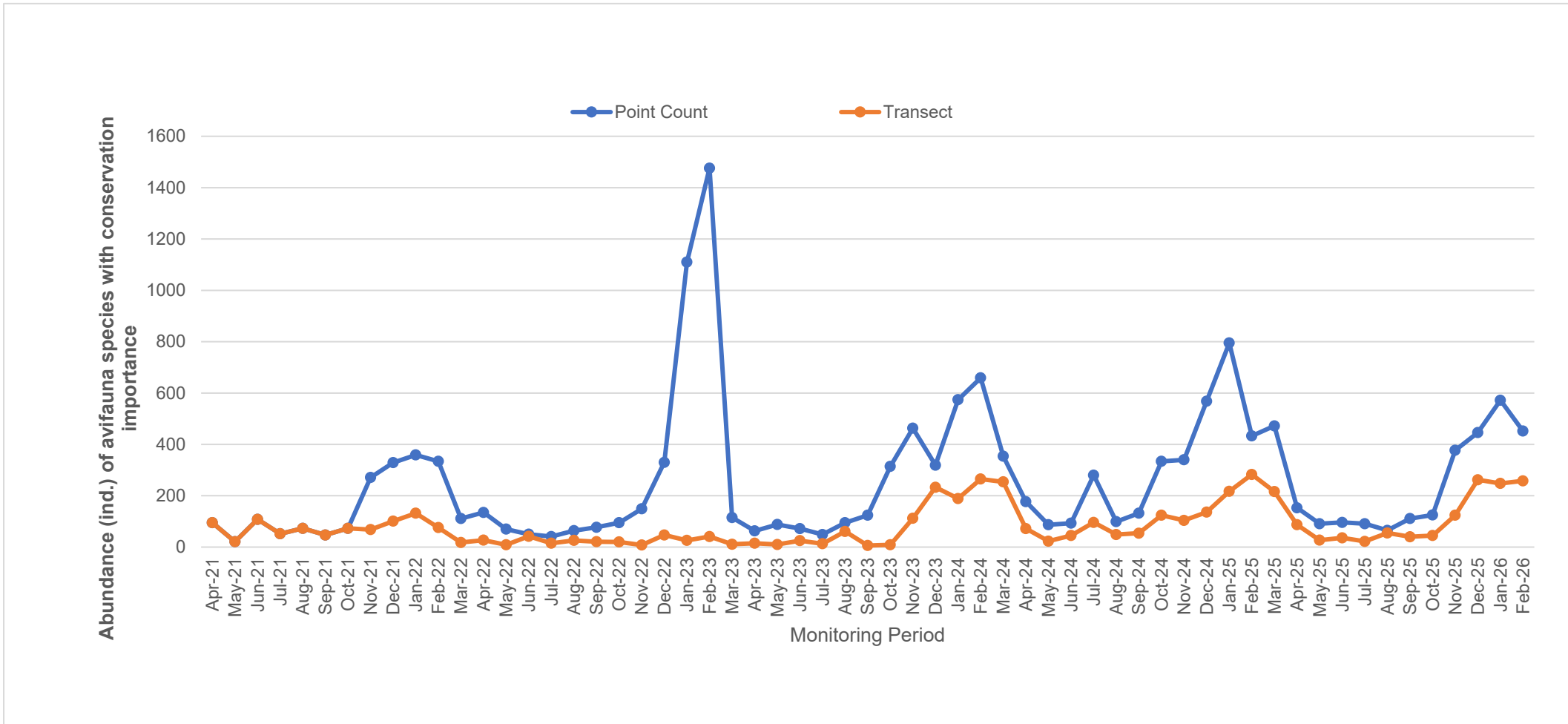
Appendix F.2.4 Ecological Bird Monitoring Diversity (Avifauna species of conservation importance in Transect Walk Method) in All Habitats (3 & 12 February 2026)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) ²
<i>Spatula clypeata</i>	28	0.1085	-2.2208	-0.2410	0.5352
<i>Anas crecca</i>	18	0.0698	-2.6626	-0.1858	0.4946
<i>Aythya fuligula</i>	8	0.0310	-3.4735	-0.1077	0.3741
<i>Ardeola bacchus</i>	8	0.0310	-3.4735	-0.1077	0.3741
<i>Ardea cinerea</i>	3	0.0116	-4.4543	-0.0518	0.2307
<i>Ardea alba</i>	3	0.0116	-4.4543	-0.0518	0.2307
<i>Egretta garzetta</i>	3	0.0116	-4.4543	-0.0518	0.2307
<i>Phalacrocorax carbo</i>	8	0.0310	-3.4735	-0.1077	0.3741
<i>Milvus migrans</i>	3	0.0116	-4.4543	-0.0518	0.2307
<i>Himantopus himantopus</i>	67	0.2597	-1.3483	-0.3501	0.4721
<i>Recurvirostra avosetta</i>	22	0.0853	-2.4619	-0.2099	0.5168
<i>Tringa totanus</i>	28	0.1085	-2.2208	-0.2410	0.5352
<i>Tringa erythropus</i>	1	0.0039	-5.5530	-0.0215	0.1195
<i>Tringa nebularia</i>	6	0.0233	-3.7612	-0.0875	0.3290
<i>Chroicocephalus ridibundus</i>	29	0.1124	-2.1857	-0.2457	0.5370
<i>Centropus sinensis</i>	2	0.0078	-4.8598	-0.0377	0.1831
<i>Spodiopsar sericeus</i>	20	0.0775	-2.5572	-0.1982	0.5069
<i>Luscinia svecica</i>	1	0.0039	-5.5530	-0.0215	0.1195
Total	258	1	-63.6220	-2.3702	6.3942
Richness	18				
SS	6.3942				
SQ	5.6181				
H	2.3702				
S ² H	0.00314				

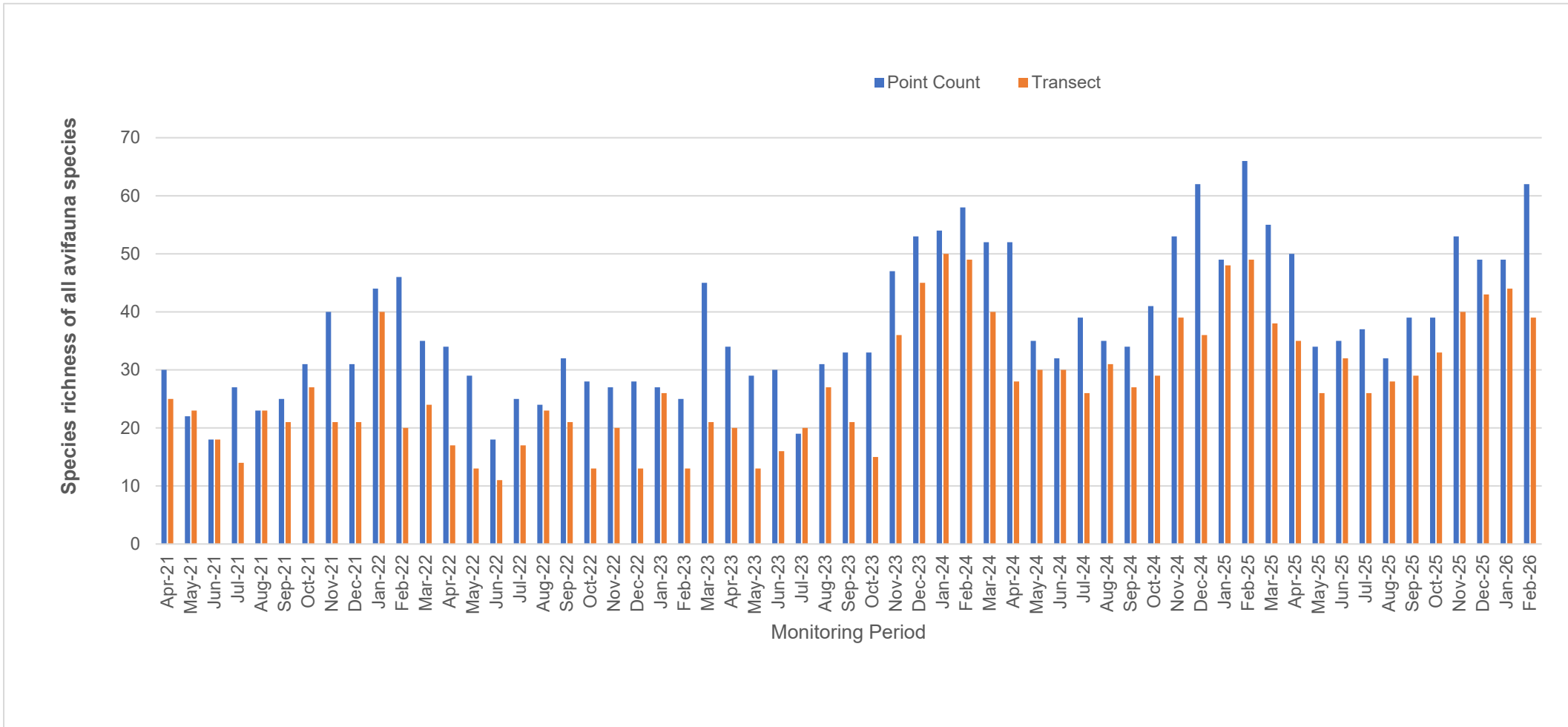
Appendix F.3.1 Abundance of all avifauna species throughout the monitoring period



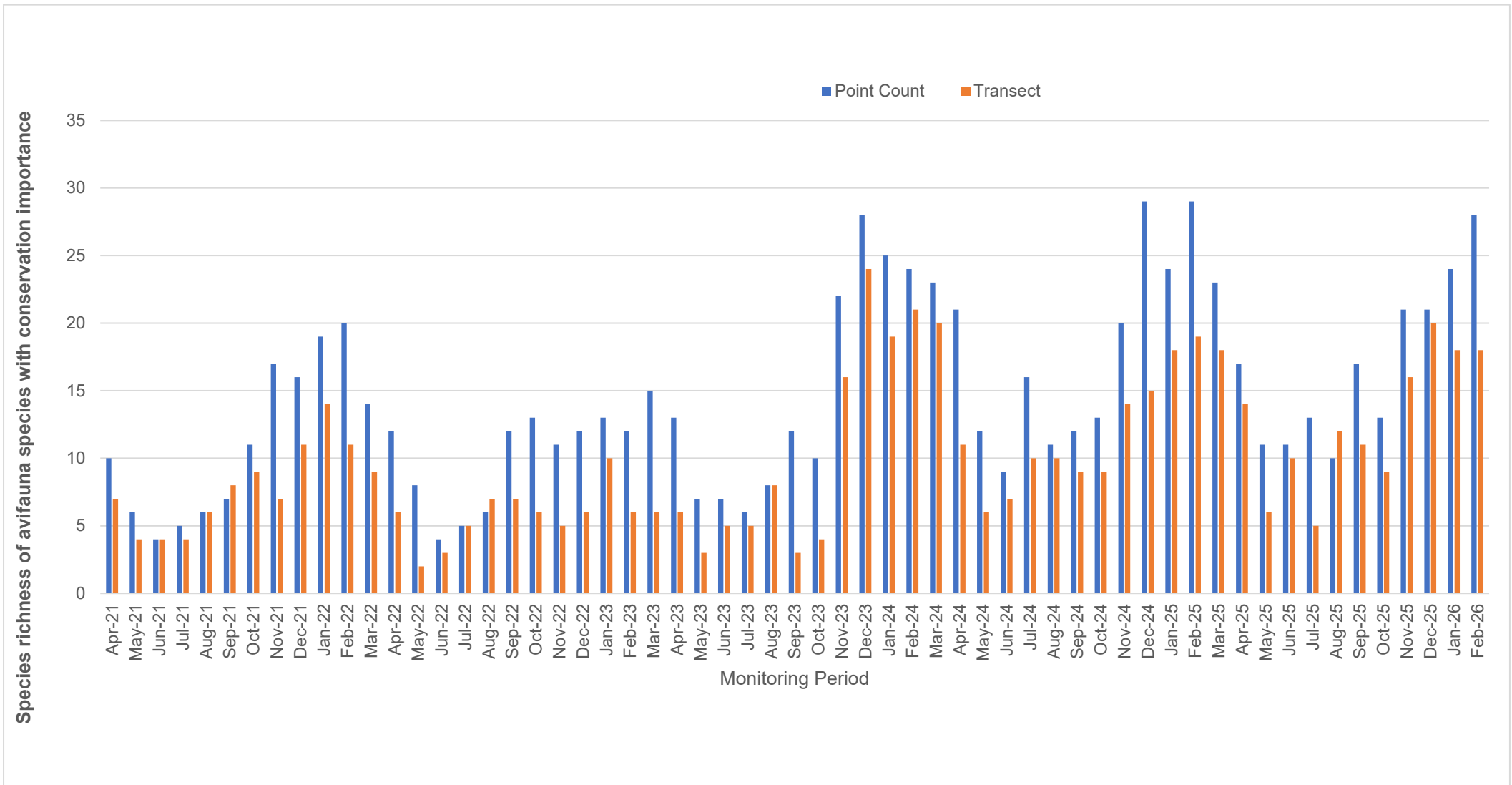
Appendix F.3.2 Abundance of avifauna species with conservation importance throughout the monitoring period



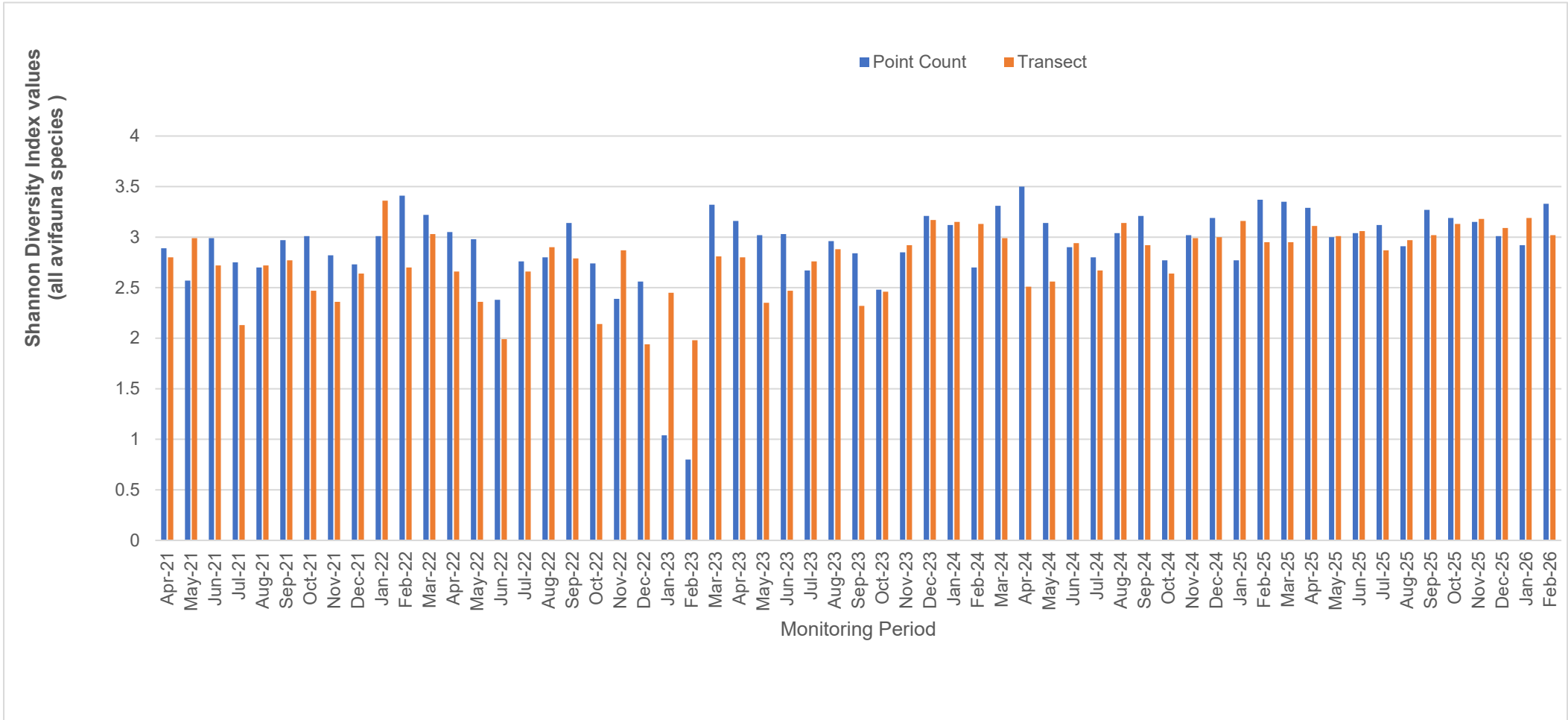
Appendix F.4.1 Species richness of all avifauna species throughout the monitoring period



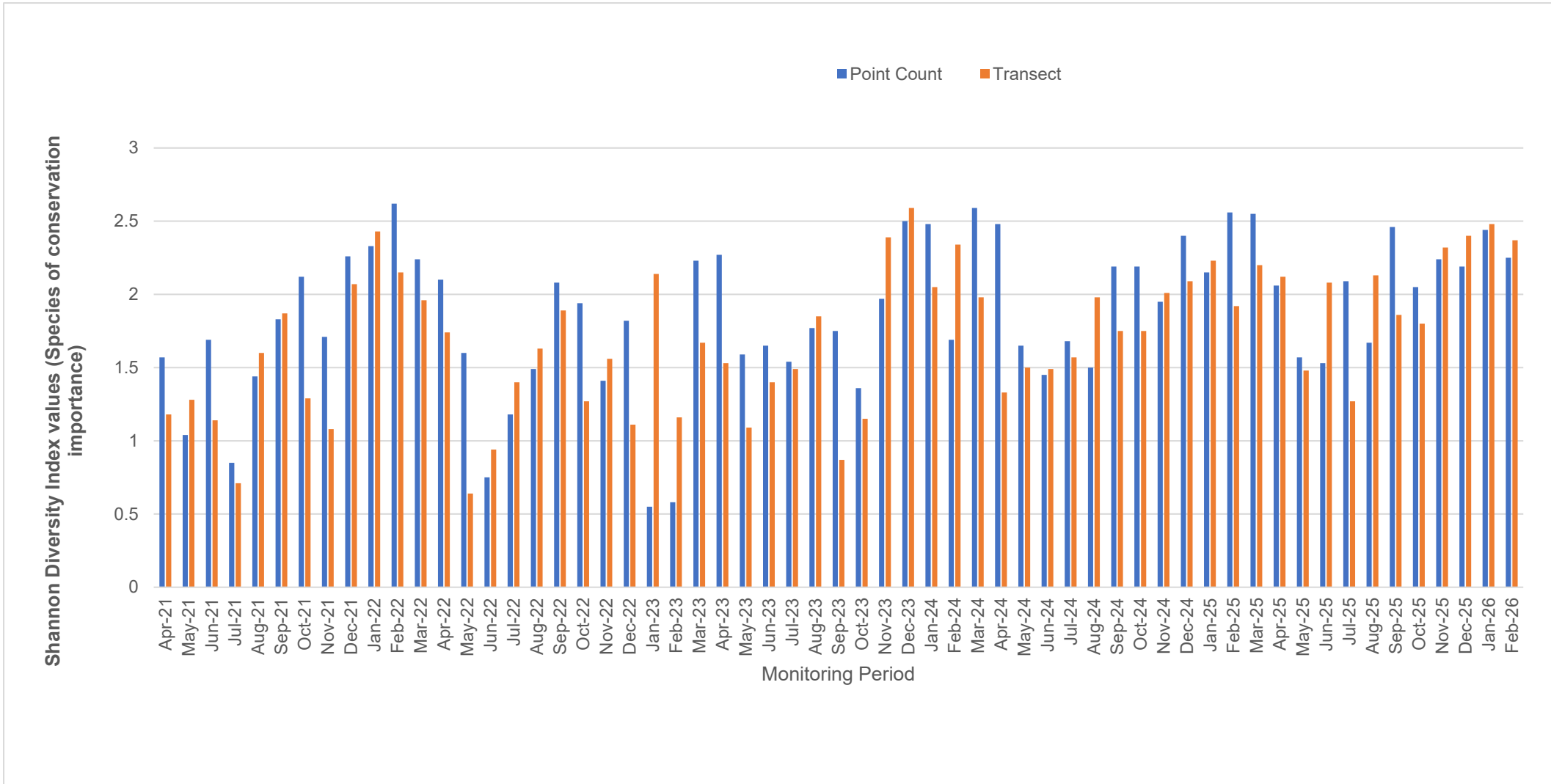
Appendix F.4.2 Species richness of avifauna species with conservation importance throughout the monitoring period



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	February 2017	February 2026
Total	642	658
Richness	58	62
H	3.3240	3.3273
S ² H	0.001934	0.001929
t	0.0531	
df	1299.7626	
Crit	1.9618	
p	9.58E-01	
CI	0.0880	0.0878

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

Months	February 2017	February 2026
Total	2	354
Richness	1	39
H	0.0000	3.0189
S ² H	0.00000	0.003263
t	52.8516	
df	354.0000	
Crit	1.9667	
p	4.91E-170	
CI	0.0000	0.1142

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

Months	February 2017	February 2026
Total	447	452
Richness	26	28
H	2.6789	2.5802
S ² H	0.002000	0.00194132
t	1.5715	
df	898.6242	
Crit	1.9626	
p	1.16E-01	
CI	0.0894	0.0881

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

Months	February 2017	February 2026
Total	2	258
Richness	1	18
H	0.0000	2.3702
S ² H	0.00000	0.00314
t	42.3265	
df	258.0000	
Crit	1.9692	
p	4.17E-118	
CI	0.0000	0.1120