

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.**

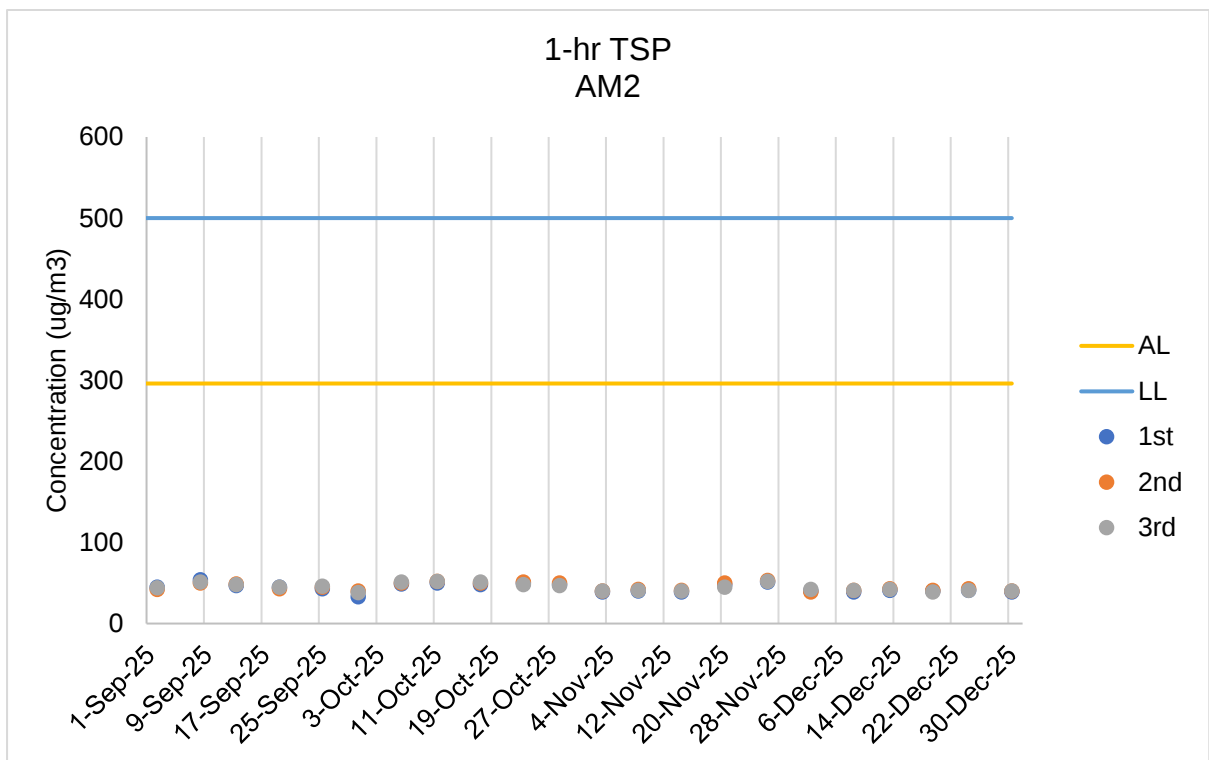
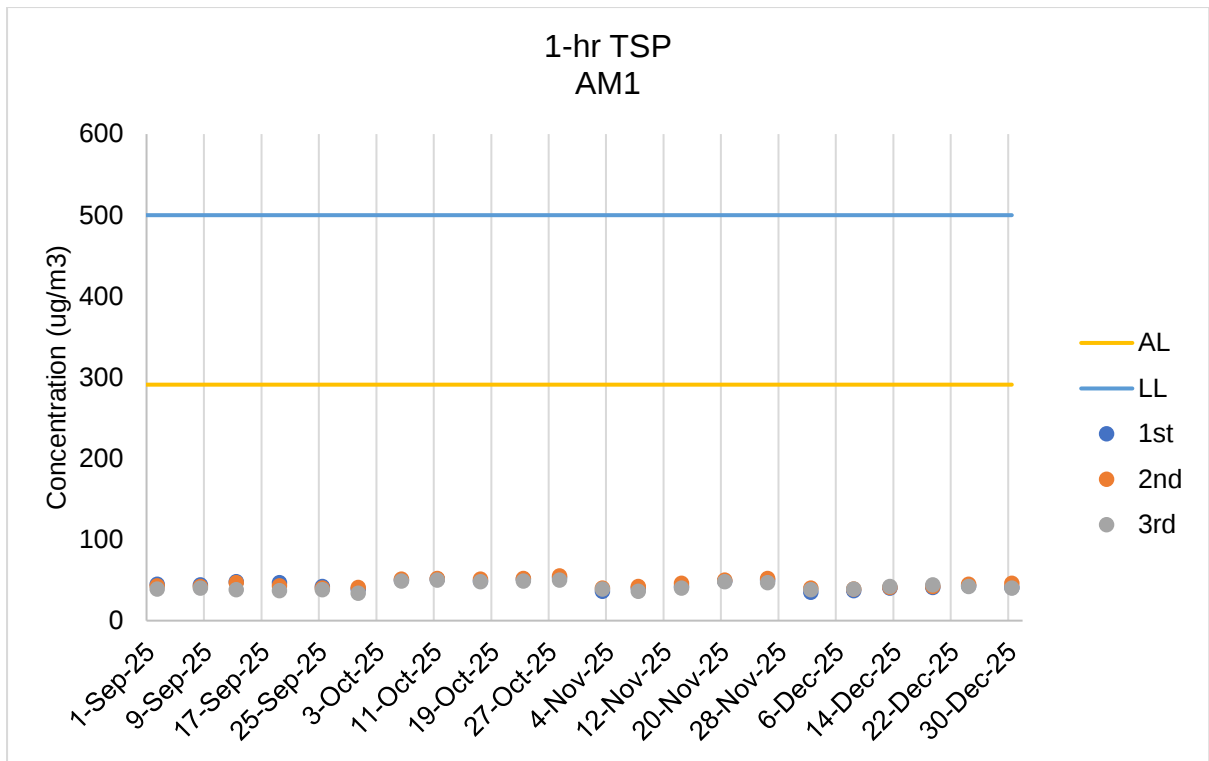
			1-hour TSP (ug/m³)			Action Level (ug/m³)	Limit Level (ug/m³)
Date	Weather Condition	Start Time	1st Measurement	2nd Measurement	3rd Measurement		
2/12/2025	Fine	8:12	35	40	38	291	500
8/12/2025	Fine	8:21	37	39	39		
13/12/2025	Fine	8:45	40	41	42		
19/12/2025	Fine	8:22	41	42	44		
24/12/2025	Fine	8:11	43	45	42		
30/12/2025	Fine	8:20	41	46	40		
		Min	35				
		Max	46				
		Average	41				

AM2 - Squatter house at the west of Yuen Long STW

			1-hour TSP (ug/m³)			Action Level (ug/m³)	Limit Level (ug/m³)
Date	Weather Condition	Start Time	1st Measurement	2nd Measurement	3rd Measurement		
2/12/2025	Fine	13:08	40	39	42	296	500
8/12/2025	Fine	13:11	39	41	41		
13/12/2025	Fine	13:24	41	43	42		
19/12/2025	Fine	13:55	40	41	39		
24/12/2025	Fine	13:23	41	43	41		
30/12/2025	Fine	13:10	39	40	40		
		Min	39				
		Max	43				
		Average	41				

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)
2/12/2025	8:40	58.3	60.4	57.3	2.7	Fine	75
8/12/2025	8:46	59.2	61.4	58.3	1.1	Fine	75
19/12/2025	7:50	59.3	60.5	56.5	0.5	Fine	75
24/12/2025	8:29	58.4	61.3	56.7	1.1	Fine	75
30/12/2025	8:40	60.3	62.1	58.5	0.0	Fine	75
	Max	60.3					
	Min	58.3					

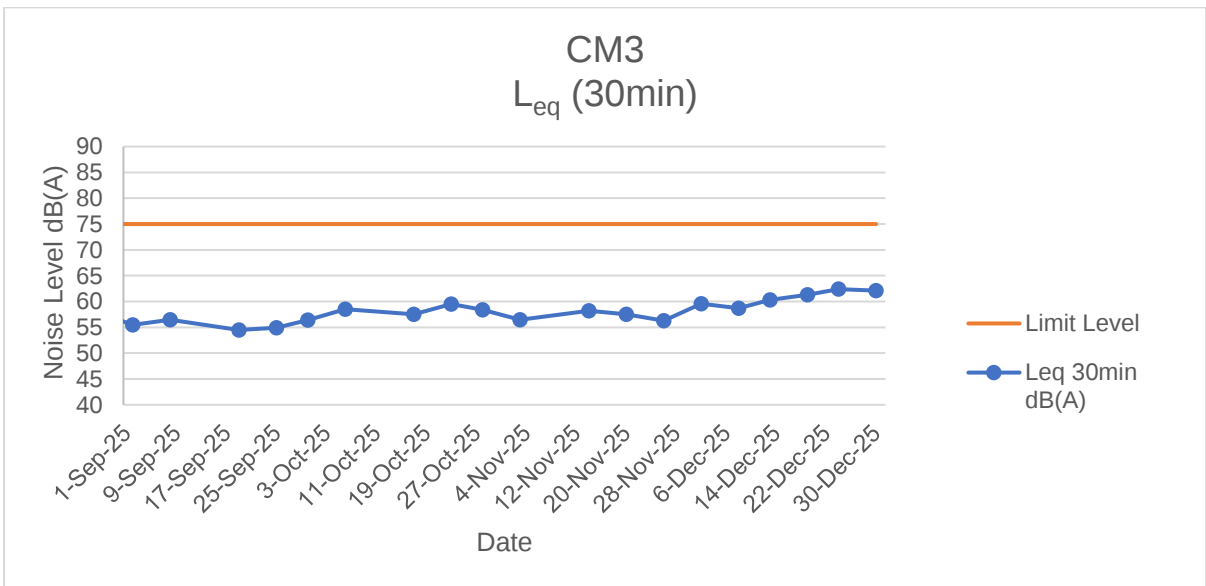
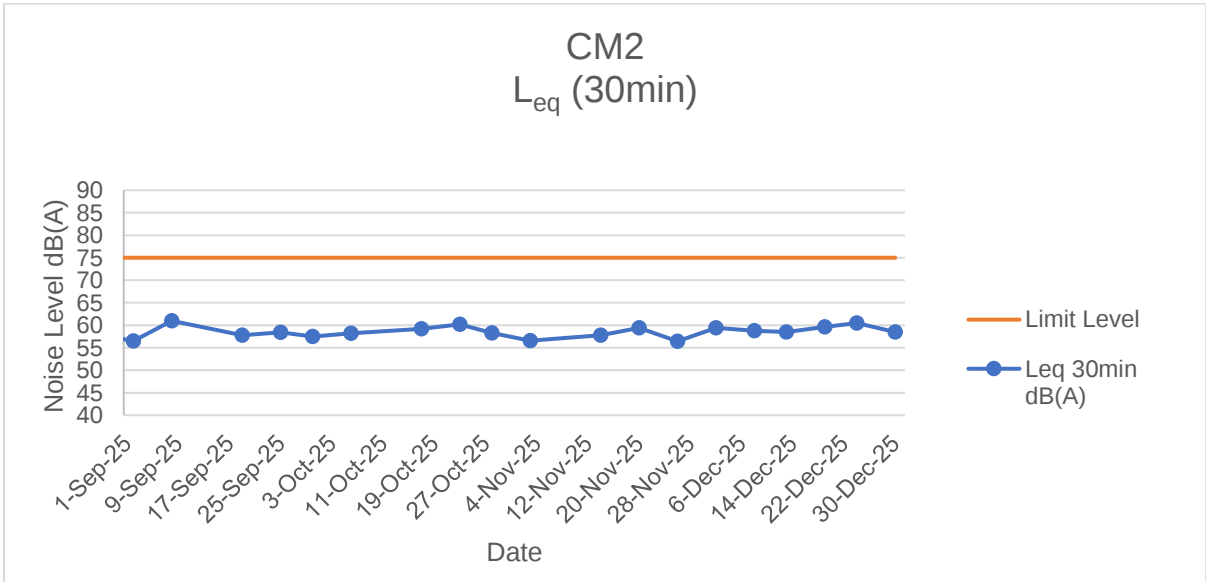
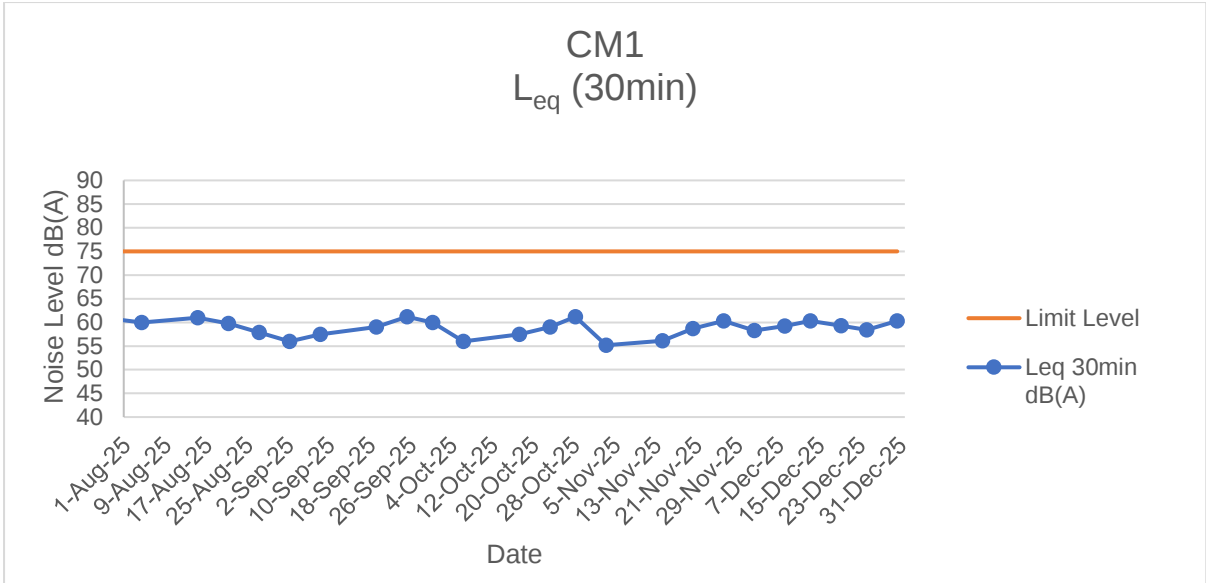
CM2 - Squatter house to the west of YLSTW

Date	Start Time	L _{eq} 30min dB(A)	L ₁₀ dB(A)	L ₉₀ dB(A)	Wind Speed (m/s)	Weather	Limit Level dB(A)
2/12/2025	13:42	59.4	60.4	53.3	1.6	Fine	75
8/12/2025	13:51	58.8	61.4	54.6	3.2	Fine	75
19/12/2025	14:24	59.6	61.2	58.4	0.4	Fine	75
24/12/2025	13:57	60.5	61.8	58.5	1.7	Fine	75
30/12/2025	14:00	58.5	60.2	55.5	0.5	Fine	75
	Max	60.5					
	Min	58.5					

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)
2/12/2025	9:48	59.6	63.4	57.4	3.8	Fine	75
8/12/2025	9:52	58.7	60.4	56.4	2.6	Fine	75
19/12/2025	8:40	61.3	62.5	56.7	0.0	Fine	75
24/12/2025	9:00	62.4	63.2	58.5	1.4	Fine	75
30/12/2025	9:17	62.1	63.7	57.6	0.7	Fine	75
	Max	62.4					
	Min	58.7					

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	02/12/2025	Mid-Flood	Cloudy	Low	10:38	2.4	M	1.20	1	0.073	181.585	7.17	7.17	3.01	3.01	21.5	21.55	36.4	36.40	2.66	2.66	22.14	22.17	14	19
M1	02/12/2025	Mid-Flood	Cloudy	Low	10:38	2.4	M	1.20	2			7.17		3		21.6		36.4		2.66		22.2		24	
M2	02/12/2025	Mid-Flood	Cloudy	Low	11:02	2.2	M	1.10	1	0.085	161.331	7.18	7.17	2.83	2.86	21.5	21.50	37.0	36.05	2.7	2.63	23.47	23.4	24	23
M2	02/12/2025	Mid-Flood	Cloudy	Low	11:02	2.2	M	1.10	2			7.16		2.89		21.5		35.1		2.56		23.33		21	
M3	02/12/2025	Mid-Flood	Cloudy	Low	11:15	1.9	M	0.95	1	0.094	173.141	7.12	7.12	3.42	3.38	21.5	21.55	51.0	50.65	3.72	3.70	28.93	28.975	23	25
M3	02/12/2025	Mid-Flood	Cloudy	Low	11:15	1.9	M	0.95	2			7.12		3.34		21.6		50.3		3.67		29.02		27	
M1	02/12/2025	Mid-Ebb	Cloudy	Low	15:00	2.4	M	1.20	1	0.076	303.217	7.19	7.19	2.79	2.75	21.8	21.80	37.1	36.85	2.71	2.69	21.16	21.21	18	20
M1	02/12/2025	Mid-Ebb	Cloudy	Low	15:00	2.4	M	1.20	2			7.19		2.7		21.8		36.6		2.67		21.26		22	
M2	02/12/2025	Mid-Ebb	Cloudy	Low	16:30	2.2	M	1.10	1	0.059	304.465	7.12	7.11	2.73	2.77	21.8	21.80	37.7	37.55	2.75	2.74	23.24	23.27	34	30
M2	02/12/2025	Mid-Ebb	Cloudy	Low	16:30	2.2	M	1.10	2			7.1		2.8		21.8		37.4		2.73		23.3		26	
M3	02/12/2025	Mid-Ebb	Cloudy	Low	15:09	1.9	M	0.95	1	0.059	328.883	7.17	7.16	3.51	3.51	21.8	21.80	53.2	52.35	3.88	3.82	30.91	31.03	32	33
M3	02/12/2025	Mid-Ebb	Cloudy	Low	15:09	1.9	M	0.95	2			7.15		3.51		21.8		51.5		3.76		31.15		34	

Remark

1. Orange and Bold: Action Level Exceedance (For Impact Station Only)
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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 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	04/12/2025	Mid-Flood	Sunny	Low	12:35	2.5	M	1.25	1	0.092	161.583	7.21	7.21	3.69	3.66	21.5	21.55	39.6	39.75	2.89	2.90	22.81	22.8	21	20
M1	04/12/2025	Mid-Flood	Sunny	Low	12:35	2.5	M	1.25	2			7.2		3.63		21.6		39.9		2.91		22.79		19	
M2	04/12/2025	Mid-Flood	Sunny	Low	13:08	2.3	M	1.15	1	0.09	182.585	7.21	7.20	3.82	3.83	21.5	21.55	40.6	39.75	2.96	2.90	23.50	23.42	18	22
M2	04/12/2025	Mid-Flood	Sunny	Low	13:08	2.3	M	1.15	2			7.19		3.84		21.6		38.9		2.84		23.34		25	
M3	04/12/2025	Mid-Flood	Sunny	Low	13:21	1.9	M	0.95	1	0.089	190.426	7.23	7.23	4.26	4.30	21.5	21.50	54.5	54.05	3.98	3.95	31.14	30.99	19	19
M3	04/12/2025	Mid-Flood	Sunny	Low	13:22	1.9	M	0.95	2			7.23		4.34		21.5		53.6		3.91		30.84		19	
M1	04/12/2025	Mid-Ebb	Sunny	Low	9:55	2.4	M	1.20	1	0.075	314.856	7.18	7.18	3.55	3.56	21.3	21.35	42.1	42.55	3.07	3.11	24.07	23.97	17	15
M1	04/12/2025	Mid-Ebb	Sunny	Low	9:55	2.4	M	1.20	2			7.18		3.57		21.4		43.0		3.14		23.87		13	
M2	04/12/2025	Mid-Ebb	Sunny	Low	9:22	2.2	M	1.10	1	0.059	316.28	7.19	7.19	3.77	3.74	21.3	21.30	42.6	42.80	3.11	3.13	24.08	23.99	19	21
M2	04/12/2025	Mid-Ebb	Sunny	Low	9:22	2.2	M	1.10	2			7.18		3.71		21.3		43.0		3.14		23.9		22	
M3	04/12/2025	Mid-Ebb	Sunny	Low	10:06	1.9	M	0.95	1	0.075	305.404	7.21	7.22	4.01	4.04	21.3	21.30	55.9	56.25	4.08	4.11	31.90	31.885	24	24
M3	04/12/2025	Mid-Ebb	Sunny	Low	10:06	1.9	M	0.95	2			7.23		4.06		21.3		56.6		4.13		31.87		23	

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 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	06/12/2025	Mid-Flood	Cloudy	Low	13:58	2.6	M	1.30	1	0.086	177.559	7.18	7.18	3.25	3.24	22.2	22.25	41.0	40.70	2.99	2.97	24.26	24.155	3	3
M1	06/12/2025	Mid-Flood	Cloudy	Low	13:59	2.6	M	1.30	2			7.18		3.22		22.3		40.4		2.95		24.05		2.5	
M2	06/12/2025	Mid-Flood	Cloudy	Low	14:33	2.3	M	1.15	1	0.084	185.386	7.16	7.15	3.21	3.18	22.2	22.25	42.2	41.60	3.08	3.04	25.49	25.32	2.5	3
M2	06/12/2025	Mid-Flood	Cloudy	Low	14:33	2.3	M	1.15	2			7.14		3.15		22.3		41.0		2.99		25.15		2.5	
M3	06/12/2025	Mid-Flood	Cloudy	Low	14:38	2	M	1.00	1	0.074	162.258	7.15	7.15	3.95	3.98	22.2	22.20	52.2	51.65	3.81	3.79	32.06	32.015	2.5	3
M3	06/12/2025	Mid-Flood	Cloudy	Low	14:38	2	M	1.00	2			7.14		4.01		22.2		51.1		3.77		31.97		2.5	
M1	06/12/2025	Mid-Ebb	Cloudy	Low	9:45	2.5	M	1.25	1	0.062	312.449	7.13	7.13	3.07	3.12	22.0	22.05	36.7	35.95	2.68	2.63	21.20	21.13	5	4
M1	06/12/2025	Mid-Ebb	Cloudy	Low	9:45	2.5	M	1.25	2			7.12		3.16		22.1		35.2		2.57		21.06		3	
M2	06/12/2025	Mid-Ebb	Cloudy	Low	9:07	2.3	M	1.15	1	0.081	303.252	7.17	7.18	3.18	3.22	22.0	22.00	38.9	38.55	2.84	2.82	23.36	23.33	2.5	3
M2	06/12/2025	Mid-Ebb	Cloudy	Low	9:07	2.3	M	1.15	2			7.18		3.26		22.0		38.2		2.79		23.3		3	
M3	06/12/2025	Mid-Ebb	Cloudy	Low	10:00	2	M	1.00	1	0.06	335.276	7.16	7.17	4.09	4.06	22.0	22.05	51.4	50.65	3.75	3.70	31.93	31.785	2.5	3
M3	06/12/2025	Mid-Ebb	Cloudy	Low	10:00	2	M	1.00	2			7.18		4.02		22.1		49.9		3.64		31.64		2.5	

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 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	09/12/2025	Mid-Flood	Cloudy	Low	16:14	2.3	M	1.15	1	0.077	168.008	7.18	7.17	3.65	3.62	21.2	21.25	37.8	38.10	2.76	2.78	26.15	26.07	18	19
M1	09/12/2025	Mid-Flood	Cloudy	Low	16:15	2.3	M	1.15	2			7.16		3.59		21.3		38.4		2.8		25.99		20	
M2	09/12/2025	Mid-Flood	Cloudy	Low	16:49	2.1	M	1.05	1			7.2	7.20	3.44	3.40	21.2	21.20	38.2	38.75	2.79	2.83	25.55	25.395	39	40
M2	09/12/2025	Mid-Flood	Cloudy	Low	16:50	2.1	M	1.05	2	0.087	169.697	7.19		3.35		21.2		39.3		2.87		25.24		41	
M3	09/12/2025	Mid-Flood	Cloudy	Low	17:01	1.8	M	0.90	1			7.14	7.15	4.35	4.33	21.2	21.25	54.1	53.50	3.95	3.91	32.27	32.075	37	39
M3	09/12/2025	Mid-Flood	Cloudy	Low	17:01	1.8	M	0.90	2			7.16		4.3		21.3		52.9		3.86		31.88		41	
M1	09/12/2025	Mid-Ebb	Cloudy	Low	12:06	2.4	M	1.20	1	0.062	318.228	7.13	7.13	3.78	3.75	21.6	21.60	38.4	38.40	2.8	2.80	25.17	25.17	38	39
M1	09/12/2025	Mid-Ebb	Cloudy	Low	12:06	2.4	M	1.20	2			7.13		3.72		21.6		38.4		2.8		25.17		40	
M2	09/12/2025	Mid-Ebb	Cloudy	Low	11:35	2.1	M	1.05	1	0.074	322.706	7.12	7.12	3.81	3.84	21.6	21.65	40.0	39.75	2.92	2.90	26.18	26.025	41	28
M2	09/12/2025	Mid-Ebb	Cloudy	Low	11:35	2.1	M	1.05	2			7.12		3.86		21.7		39.5		2.88		25.87		15	
M3	09/12/2025	Mid-Ebb	Cloudy	Low	12:18	1.8	M	0.90	1	0.065	343.696	7.18	7.18	4.59	4.61	21.6	21.60	55.3	56.00	4.04	4.09	33.00	32.99	37	42
M3	09/12/2025	Mid-Ebb	Cloudy	Low	12:18	1.8	M	0.90	2			7.17		4.62		21.6		56.7		4.14		32.98		46	

Remark

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For Flood Tide

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For Ebb Tide

Monitoring Location	DO		NTU		SS	
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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	11/12/2025	Mid-Flood	Cloudy	Low	9:01	2.4	M	1.20	1	0.081	178.743	7.11	7.11	3.00	2.96	20.6	20.65	38.5	37.95	2.81	2.77	21.69	21.59	11	14
M1	11/12/2025	Mid-Flood	Cloudy	Low	9:01	2.4	M	1.20	2			7.11		2.92		20.7		37.4		2.73		21.49		17	
M2	11/12/2025	Mid-Flood	Cloudy	Low	9:41	2.2	M	1.10	1	0.094	179.745	7.12	7.13	2.82	2.85	20.6	20.65	38.5	39.25	2.81	2.87	23.53	23.52	20	20
M2	11/12/2025	Mid-Flood	Cloudy	Low	9:41	2.2	M	1.10	2			7.13		2.87		20.7		40.0		2.92		23.51		20	
M3	11/12/2025	Mid-Flood	Cloudy	Low	9:48	1.9	M	0.95	1	0.082	175.25	7.15	7.14	3.42	3.46	20.6	20.60	52.5	52.15	3.83	3.81	29.37	29.35	14	15
M3	11/12/2025	Mid-Flood	Cloudy	Low	9:48	1.9	M	0.95	2			7.13		3.5		20.6		51.8		3.78		29.33		15	
M1	11/12/2025	Mid-Ebb	Cloudy	Low	13:50	2.4	M	1.20	1	0.069	305.248	7.12	7.12	2.72	2.76	21.1	21.15	36.7	36.50	2.68	2.67	21.06	21.09	18	19
M1	11/12/2025	Mid-Ebb	Cloudy	Low	13:50	2.4	M	1.20	2			7.11		2.79		21.2		36.3		2.65		21.12		19	
M2	11/12/2025	Mid-Ebb	Cloudy	Low	13:19	2.2	M	1.10	1	0.072	309.855	7.19	7.20	2.82	2.83	21.1	21.10	38.3	38.60	2.8	2.82	23.35	23.515	16	16
M2	11/12/2025	Mid-Ebb	Cloudy	Low	13:19	2.2	M	1.10	2			7.2		2.83		21.1		38.9		2.84		23.68		16	
M3	11/12/2025	Mid-Ebb	Cloudy	Low	14:06	1.9	M	0.95	1	0.071	337.059	7.13	7.13	3.49	3.53	21.1	21.10	52.6	52.65	3.84	3.85	30.93	30.72	25	20
M3	11/12/2025	Mid-Ebb	Cloudy	Low	14:06	1.9	M	0.95	2			7.12		3.56		21.1		52.7		3.85		30.51		14	

Remark

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

For Flood Tide

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

For Ebb Tide

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

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement														Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	13/12/2025	Mid-Flood	Cloudy	Low	10:29	2.5	M	1.25	1	0.095	183.647	7.2	7.20	2.92	2.88	20.8	20.80	41.0	41.20	2.99	3.01	22.42	22.22	2.5	3
M1	13/12/2025	Mid-Flood	Cloudy	Low	10:30	2.5	M	1.25	2			7.19		2.84		20.8		41.4		3.02		22.02		2.5	
M2	13/12/2025	Mid-Flood	Cloudy	Low	10:58	2.3	M	1.15	1	0.083	162.671	7.14	7.13	2.84	2.84	20.8	20.80	42.3	41.85	3.09	3.06	23.42	23.24	2.5	3
M2	13/12/2025	Mid-Flood	Cloudy	Low	10:58	2.3	M	1.15	2			7.12		2.83		20.8		41.4		3.02		23.06		2.5	
M3	13/12/2025	Mid-Flood	Cloudy	Low	11:14	2	M	1.00	1	0.09	166.793	7.11	7.11	3.27	3.23	20.8	20.85	55.5	54.75	4.05	4.00	29.05	28.95	2.5	3
M3	13/12/2025	Mid-Flood	Cloudy	Low	11:14	2	M	1.00	2			7.1		3.19		20.9		54.0		3.94		28.85		2.5	
M1	13/12/2025	Mid-Ebb	Cloudy	Low	15:20	2.4	M	1.20	1	0.058	337.619	7.14	7.15	2.82	2.86	21.0	21.00	39.3	40.00	2.87	2.92	21.20	21.345	2.5	3
M1	13/12/2025	Mid-Ebb	Cloudy	Low	15:20	2.4	M	1.20	2			7.15		2.9		21.0		40.7		2.97		21.49		2.5	
M2	13/12/2025	Mid-Ebb	Cloudy	Low	14:49	2.2	M	1.10	1	0.072	333.954	7.2	7.21	2.80	2.83	21.0	21.05	40.0	40.35	2.92	2.95	23.24	23.195	2.5	3
M2	13/12/2025	Mid-Ebb	Cloudy	Low	14:49	2.2	M	1.10	2			7.22		2.85		21.1		40.7		2.97		23.15		2.5	
M3	13/12/2025	Mid-Ebb	Cloudy	Low	15:28	2	M	1.00	1	0.061	343.181	7.14	7.14	3.59	3.63	21.0	21.05	57.0	56.30	4.16	4.11	30.98	30.77	2.5	3
M3	13/12/2025	Mid-Ebb	Cloudy	Low	15:28	2	M	1.00	2			7.14		3.67		21.1		55.6		4.06		30.56		2.5	

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

For Flood Tide

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

For Ebb Tide

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

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent
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	16/12/2025	Mid-Flood	Sunny	Low	11:07	2.3	M	1.15	1	0.073	174.935	7.12	7.11	3.05	3.01	21.5	21.50	36.7	36.10	2.68	2.64	18.55	18.73	11	14
M1	16/12/2025	Mid-Flood	Sunny	Low	11:07	2.3	M	1.15	2			7.1		2.96		21.5		35.5		2.59		18.91		17	
M2	16/12/2025	Mid-Flood	Sunny	Low	11:45	2.1	M	1.05	1	0.087	182.672	7.2	7.19	2.91	2.94	21.5	21.55	37.7	37.75	2.75	2.76	17.51	17.57	14	14
M2	16/12/2025	Mid-Flood	Sunny	Low	11:45	2.1	M	1.05	2			7.18		2.96		21.6		37.8		2.76		17.63		13	
M3	16/12/2025	Mid-Flood	Sunny	Low	11:49	1.7	M	0.85	1	0.079	177.625	7.16	7.15	3.42	3.44	21.5	21.50	52.7	53.15	3.85	3.88	24.17	24.105	19	22
M3	16/12/2025	Mid-Flood	Sunny	Low	11:49	1.7	M	0.85	2			7.14		3.45		21.5		53.6		3.91		24.04		24	
M1	16/12/2025	Mid-Ebb	Sunny	Low	16:40	2.4	M	1.20	1	0.078	302.656	7.12	7.13	2.72	2.73	21.3	21.30	38.2	38.70	2.79	2.83	16.55	16.6	22	21
M1	16/12/2025	Mid-Ebb	Sunny	Low	16:40	2.4	M	1.20	2			7.14		2.73		21.3		39.2		2.86		16.65		20	
M2	16/12/2025	Mid-Ebb	Sunny	Low	16:11	2.1	M	1.05	1	0.068	322.227	7.14	7.13	2.77	2.82	21.3	21.30	36.4	36.55	2.66	2.67	18.99	19.145	17	19
M2	16/12/2025	Mid-Ebb	Sunny	Low	16:12	2.1	M	1.05	2			7.12		2.86		21.3		36.7		2.68		19.3		20	
M3	16/12/2025	Mid-Ebb	Sunny	Low	16:57	1.8	M	0.90	1	0.059	312.795	7.17	7.17	3.44	3.48	21.3	21.35	54.0	53.70	3.94	3.92	23.91	23.825	20	20
M3	16/12/2025	Mid-Ebb	Sunny	Low	16:57	1.8	M	0.90	2			7.17		3.51		21.4		53.4		3.9		23.74		20	

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 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	18/12/2025	Mid-Flood	Sunny	Low	12:26	2.4	M	1.20	1	0.078	184.197	7.09	7.10	3.08	3.12	22.1	22.15	40.8	39.85	2.98	2.91	22.26	22.34	20	25
M1	18/12/2025	Mid-Flood	Sunny	Low	12:26	2.4	M	1.20	2			7.11		3.15		22.2		38.9		2.84		22.42		30	
M2	18/12/2025	Mid-Flood	Sunny	Low	12:51	2.2	M	1.10	1	0.094	164.166	7.1	7.11	2.84	2.82	22.1	22.10	42.1	42.65	3.07	3.11	23.29	23.18	36	36
M2	18/12/2025	Mid-Flood	Sunny	Low	12:51	2.2	M	1.10	2			7.11		2.79		22.1		43.2		3.15		23.07		35	
M3	18/12/2025	Mid-Flood	Sunny	Low	13:00	1.9	M	0.95	1	0.095	175.14	7.15	7.15	3.28	3.31	22.1	22.15	54.7	53.80	3.99	3.93	29.03	29.02	25	27
M3	18/12/2025	Mid-Flood	Sunny	Low	13:01	1.9	M	0.95	2			7.14		3.34		22.2		52.9		3.86		29.01		29	
M1	18/12/2025	Mid-Ebb	Sunny	Low	10:24	2.4	M	1.20	1	0.066	328.824	7.08	7.09	2.75	2.77	21.9	21.95	39.0	39.10	2.85	2.86	21.05	21.075	31	29
M1	18/12/2025	Mid-Ebb	Sunny	Low	10:24	2.4	M	1.20	2			7.09		2.78		22.0		39.2		2.86		21.1		27	
M2	18/12/2025	Mid-Ebb	Sunny	Low	9:41	2.2	M	1.10	1	0.077	313.256	7.09	7.10	2.72	2.68	21.9	21.90	38.2	38.35	2.79	2.80	23.16	23.235	33	32
M2	18/12/2025	Mid-Ebb	Sunny	Low	9:42	2.2	M	1.10	2			7.11		2.64		21.9		38.5		2.81		23.31		31	
M3	18/12/2025	Mid-Ebb	Sunny	Low	10:29	1.9	M	0.95	1	0.08	338.062	7.17	7.17	3.43	3.47	21.9	21.95	55.6	55.40	4.05	4.04	30.86	30.74	47	40
M3	18/12/2025	Mid-Ebb	Sunny	Low	10:29	1.9	M	0.95	2			7.16		3.51		22.0		55.2		4.03		30.62		33	

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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	20/12/2025	Mid-Flood	Cloudy	Low	13:33	2.3	M	1.15	1	0.079	168.042	7.06	7.07	2.94	2.90	20.6	20.65	40.4	40.95	2.95	2.99	22.56	22.405	2.5	3
M1	20/12/2025	Mid-Flood	Cloudy	Low	13:33	2.3	M	1.15	2			7.08		2.85		20.7		41.5		3.03		22.25		2.5	
M2	20/12/2025	Mid-Flood	Cloudy	Low	14:01	2.1	M	1.05	1	0.095	189.942	7.05	7.06	2.90	2.89	20.6	20.65	38.8	39.40	2.83	2.88	23.35	23.33	2.5	3
M2	20/12/2025	Mid-Flood	Cloudy	Low	14:01	2.1	M	1.05	2			7.07		2.88		20.7		40.0		2.92		23.31		2.5	
M3	20/12/2025	Mid-Flood	Cloudy	Low	14:15	1.8	M	0.90	1	0.083	190.536	7.09	7.10	3.45	3.49	20.6	20.60	51.8	51.85	3.78	3.78	38.51	38.34	2.5	3
M3	20/12/2025	Mid-Flood	Cloudy	Low	14:15	1.8	M	0.90	2			7.1		3.53		20.6		51.9		3.78		38.17		2.5	
M1	20/12/2025	Mid-Ebb	Cloudy	Low	9:22	2.4	M	1.20	1	0.062	336.613	7.06	7.06	2.71	2.67	20.3	20.30	38.2	38.20	2.79	2.79	26.31	26.485	2.5	3
M1	20/12/2025	Mid-Ebb	Cloudy	Low	9:23	2.4	M	1.20	2			7.06		2.63		20.3		38.2		2.79		26.66		2.5	
M2	20/12/2025	Mid-Ebb	Cloudy	Low	8:52	2.1	M	1.05	1	0.072	340.812	7.05	7.04	2.75	2.76	20.3	20.30	36.3	36.90	2.65	2.70	25.77	25.89	2.5	3
M2	20/12/2025	Mid-Ebb	Cloudy	Low	8:52	2.1	M	1.05	2			7.03		2.77		20.3		37.5		2.74		26.01		2.5	
M3	20/12/2025	Mid-Ebb	Cloudy	Low	9:36	1.8	M	0.90	1	0.059	337.382	7.08	7.09	3.55	3.56	20.3	20.35	50.7	55.20	3.7	3.67	39.98	39.79	2.5	3
M3	20/12/2025	Mid-Ebb	Cloudy	Low	9:36	1.8	M	0.90	2			7.09		3.56		20.4		59.7		3.63		39.6		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	23/12/2025	Mid-Flood	Cloudy	Low	15:20	2.4	M	1.20	1	0.08	161.105	7.16	7.16	3.04	3.09	22.8	22.80	37.5	37.65	2.74	2.75	21.49	21.485	15	14
M1	23/12/2025	Mid-Flood	Cloudy	Low	15:20	2.4	M	1.20	2			7.16		3.13		22.8		37.8		2.76		21.48		12	
M2	23/12/2025	Mid-Flood	Cloudy	Low	15:51	2.2	M	1.10	1	0.077	179.122	7.12	7.12	2.83	2.81	22.8	22.80	37.3	37.90	2.72	2.77	23.24	23.15	18	21
M2	23/12/2025	Mid-Flood	Cloudy	Low	15:51	2.2	M	1.10	2			7.12		2.78		22.8		38.5		2.81		23.06		24	
M3	23/12/2025	Mid-Flood	Cloudy	Low	16:08	1.9	M	0.95	1	0.08	185.192	7.12	7.12	3.31	3.33	22.8	22.80	51.6	50.85	3.77	3.72	29.00	28.91	48	46
M3	23/12/2025	Mid-Flood	Cloudy	Low	16:08	1.9	M	0.95	2			7.11		3.35		22.8		50.1		3.66		28.82		43	
M1	23/12/2025	Mid-Ebb	Cloudy	Low	11:03	2.4	M	1.20	1	0.058	344.17	7.15	7.15	2.70	2.67	22.9	22.95	38.5	37.90	2.81	2.77	21.11	21.265	59	48
M1	23/12/2025	Mid-Ebb	Cloudy	Low	11:03	2.4	M	1.20	2			7.15		2.63		23.0		37.3		2.72		21.42		37	
M2	23/12/2025	Mid-Ebb	Cloudy	Low	10:35	2.1	M	1.05	1	0.059	307.902	7.15	7.14	2.73	2.74	22.9	22.95	36.9	37.20	2.69	2.72	23.23	23.345	51	50
M2	23/12/2025	Mid-Ebb	Cloudy	Low	10:36	2.1	M	1.05	2			7.13		2.75		23.0		37.5		2.74		23.46		48	
M3	23/12/2025	Mid-Ebb	Cloudy	Low	11:15	1.8	M	0.90	1	0.073	315.585	7.11	7.12	3.50	3.52	22.9	22.95	53.3	53.00	3.89	3.87	30.86	30.935	47	50
M3	23/12/2025	Mid-Ebb	Cloudy	Low	11:15	1.8	M	0.90	2			7.13		3.53		23.0		52.7		3.85		31.01		52	

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	59.4	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	25/12/2025	Mid-Flood	Cloudy	Low	16:57	2.4	M	1.20	1	0.095	173.622	7.11	7.11	3.25	3.29	21.2	21.25	41.0	40.85	2.99	2.98	19.64	19.805	2.5	3
M1	25/12/2025	Mid-Flood	Cloudy	Low	16:57	2.4	M	1.20	2			7.11		3.32		21.3		40.7		2.97		19.97		2.5	
M2	25/12/2025	Mid-Flood	Cloudy	Low	15:24	2.2	M	1.10	1	0.087	165.809	7.09	7.09	3.18	3.15	21.2	21.25	41.9	41.10	3.06	3.00	20.25	20.11	2.5	3
M2	25/12/2025	Mid-Flood	Cloudy	Low	15:24	2.2	M	1.10	2			7.09		3.12		21.3		40.3		2.94		19.97		2.5	
M3	25/12/2025	Mid-Flood	Cloudy	Low	15:43	1.9	M	0.95	1	0.085	164.552	7.15	7.16	3.94	3.99	21.2	21.25	52.7	53.05	3.85	3.88	28.98	28.915	2.5	3
M3	25/12/2025	Mid-Flood	Cloudy	Low	15:43	1.9	M	0.95	2			7.16		4.03		21.3		53.4		3.9		28.85		2.5	
M1	25/12/2025	Mid-Ebb	Cloudy	Low	12:25	2.4	M	1.20	1	0.077	315.965	7.08	7.09	3.11	3.13	21.8	21.80	39.3	39.15	2.87	2.86	18.22	18.265	5	4
M1	25/12/2025	Mid-Ebb	Cloudy	Low	12:25	2.4	M	1.20	2			7.09		3.15		21.8		39.0		2.85		18.31		2.5	
M2	25/12/2025	Mid-Ebb	Cloudy	Low	11:47	2.2	M	1.10	1	0.058	327.639	7.09	7.09	3.22	3.23	21.8	21.85	40.6	41.05	2.96	3.00	19.41	19.27	2.5	3
M2	25/12/2025	Mid-Ebb	Cloudy	Low	11:47	2.2	M	1.10	2			7.09		3.24		21.9		41.5		3.03		19.13		3	
M3	25/12/2025	Mid-Ebb	Cloudy	Low	12:33	1.9	M	0.95	1	0.061	318.589	7.16	7.17	3.88	3.84	21.8	21.80	53.7	54.40	3.92	3.97	28.85	28.955	2.5	3
M3	25/12/2025	Mid-Ebb	Cloudy	Low	12:33	1.9	M	0.95	2			7.18		3.8		21.8		55.1		4.02		29.06		2.5	

Remark

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

For Flood Tide

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

For Ebb Tide

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

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement														Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	27/12/2025	Mid-Flood	Cloudy	Low	8:44	2.6	M	1.30	1	0.095	189.033	7.11	7.10	3.33	3.32	20.9	20.95	41.4	40.50	3.02	2.96	23.57	23.525	2.5	3
M1	27/12/2025	Mid-Flood	Cloudy	Low	8:44	2.6	M	1.30	2			7.09		3.3		21		39.6		2.89		23.48		2.5	
M2	27/12/2025	Mid-Flood	Cloudy	Low	9:15	2.3	M	1.15	1	0.08	187.477	7.12	7.11	3.45	3.46	20.9	20.90	40.1	39.30	2.93	2.87	24.11	23.94	2.5	3
M2	27/12/2025	Mid-Flood	Cloudy	Low	9:16	2.3	M	1.15	2			7.1		3.46		20.9		38.5		2.81		23.77		2.5	
M3	27/12/2025	Mid-Flood	Cloudy	Low	9:24	2	M	1.00	1	0.083	183.958	7.19	7.18	3.88	3.91	20.9	20.90	52.6	52.65	3.84	3.85	29.16	28.99	2.5	3
M3	27/12/2025	Mid-Flood	Cloudy	Low	9:24	2	M	1.00	2			7.17		3.94		20.9		52.7		3.85		28.82		2.5	
M1	27/12/2025	Mid-Ebb	Cloudy	Low	13:36	2.5	M	1.25	1	0.08	334.36	7.12	7.11	2.92	2.90	21.1	21.15	40.7	41.30	2.97	3.02	18.94	18.74	2.5	3
M1	27/12/2025	Mid-Ebb	Cloudy	Low	13:36	2.5	M	1.25	2			7.1		2.87		21.2		41.9		3.06		18.54		2.5	
M2	27/12/2025	Mid-Ebb	Cloudy	Low	13:03	2.3	M	1.15	1	0.074	341.172	7.13	7.14	3.08	3.09	21.1	21.15	38.9	38.20	2.84	2.79	19.51	19.355	3	4
M2	27/12/2025	Mid-Ebb	Cloudy	Low	13:03	2.3	M	1.15	2			7.14		3.1		21.2		37.5		2.74		19.2		5	
M3	27/12/2025	Mid-Ebb	Cloudy	Low	13:44	2	M	1.00	1	0.059	339.814	7.21	7.21	3.98	3.95	21.1	21.15	51.6	50.80	3.77	3.71	30.84	30.955	2.5	3
M3	27/12/2025	Mid-Ebb	Cloudy	Low	13:44	2	M	1.00	2			7.2		3.91		21.2		50.0		3.65		31.07		2.5	

Remark

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

For Flood Tide

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

For Ebb Tide

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

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent
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	30/12/2025	Mid-Flood	Sunny	Low	8:43	2.4	M	1.20	1	0.093	182.953	7.15	7.14	3.13	3.09	20.7	20.70	39.2	38.45	2.86	2.81	20.94	21.02	8	9
M1	30/12/2025	Mid-Flood	Sunny	Low	8:44	2.4	M	1.20	2			7.13		3.05		20.7		37.7		2.75		21.1		10	
M2	30/12/2025	Mid-Flood	Sunny	Low	9:21	2.2	M	1.10	1	0.077	181.223	7.16	7.17	3.19	3.22	20.7	20.75	40.1	40.40	2.93	2.95	21.34	21.19	13	13
M2	30/12/2025	Mid-Flood	Sunny	Low	9:21	2.2	M	1.10	2			7.18		3.25		20.8		40.7		2.97		21.04		12	
M3	30/12/2025	Mid-Flood	Sunny	Low	9:29	1.9	M	0.95	1	0.085	177.428	7.21	7.21	4.22	4.24	20.7	20.75	54.4	54.25	3.97	3.96	29.97	29.825	12	7
M3	30/12/2025	Mid-Flood	Sunny	Low	9:29	1.9	M	0.95	2			7.21		4.25		20.8		54.1		3.95		29.68		1	
M1	30/12/2025	Mid-Ebb	Sunny	Low	15:18	2.3	M	1.15	1	0.06	330.798	7.13	7.12	2.97	3.00	20.9	20.95	38.6	38.35	2.82	2.80	19.16	19.195	12	10
M1	30/12/2025	Mid-Ebb	Sunny	Low	15:18	2.3	M	1.15	2			7.11		3.02		21.0		38.1		2.78		19.23		8	
M2	30/12/2025	Mid-Ebb	Sunny	Low	14:43	2.1	M	1.05	1	0.062	308.212	7.15	7.15	3.01	3.06	20.9	20.90	36.3	36.85	2.65	2.69	20.30	20.13	9	12
M2	30/12/2025	Mid-Ebb	Sunny	Low	14:43	2.1	M	1.05	2			7.15		3.1		20.9		37.4		2.73		19.96		14	
M3	30/12/2025	Mid-Ebb	Sunny	Low	15:36	1.9	M	0.95	1	0.062	324.689	7.25	7.25	4.51	4.47	20.9	20.90	52.1	51.60	3.8	3.77	30.00	29.83	15	16
M3	30/12/2025	Mid-Ebb	Sunny	Low	15:36	1.9	M	0.95	2			7.24		4.43		20.9		51.1		3.73		29.66		16	

Remark

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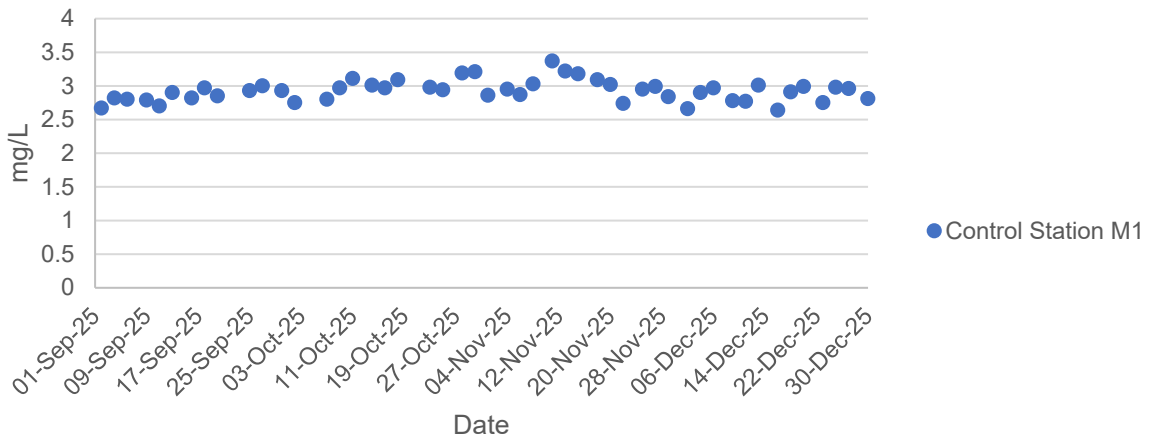
For Flood Tide

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

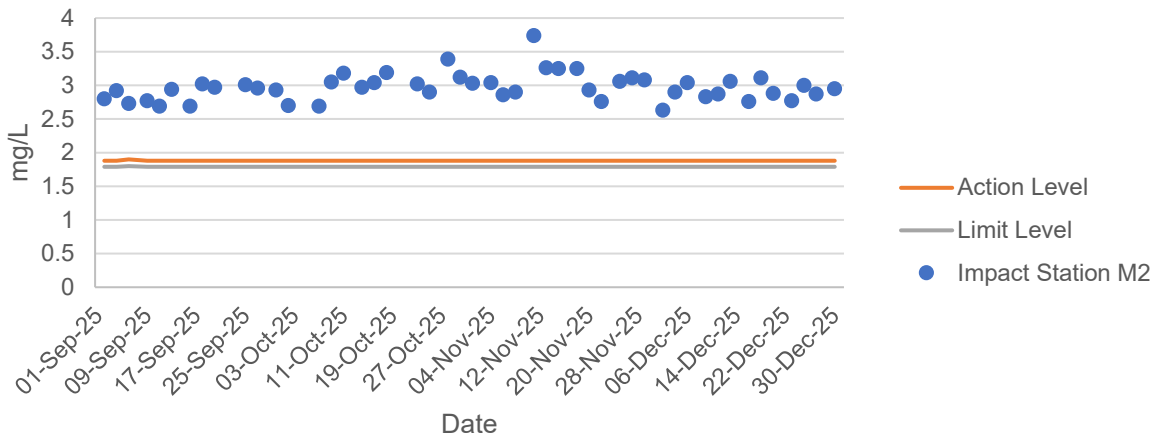
For Ebb Tide

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

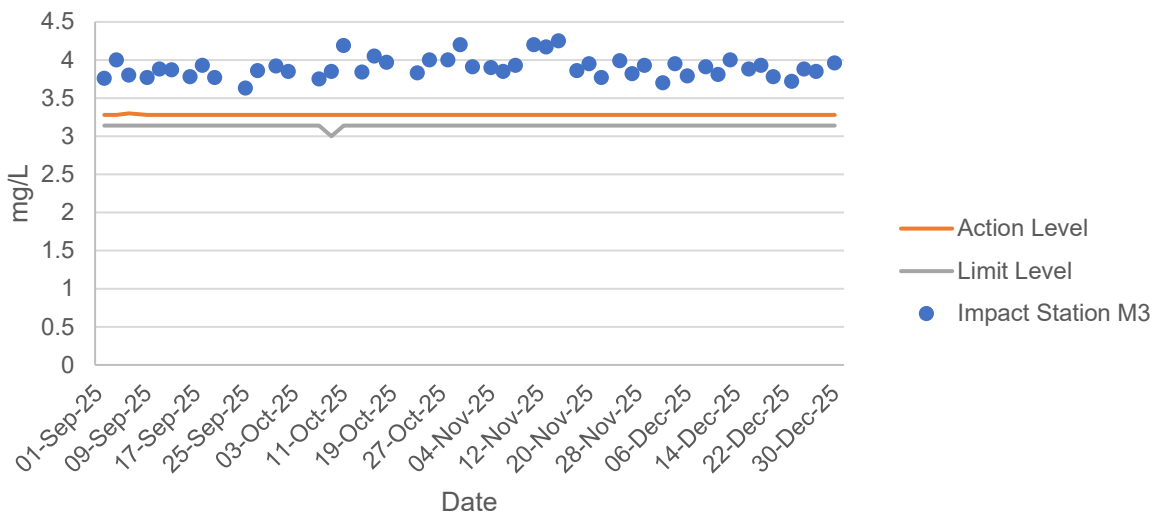
Dissolved Oxygen at Mid-Flood Tide



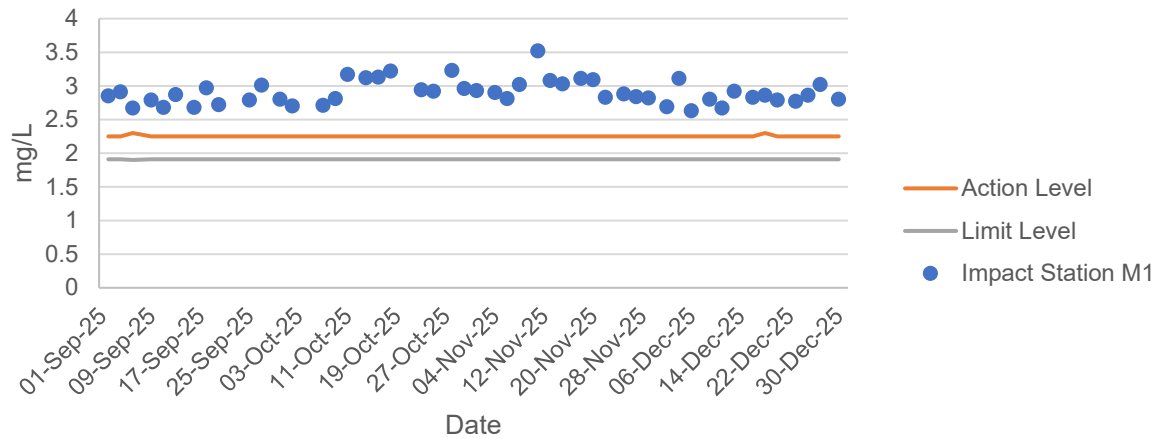
Dissolved Oxygen at Mid-Flood Tide



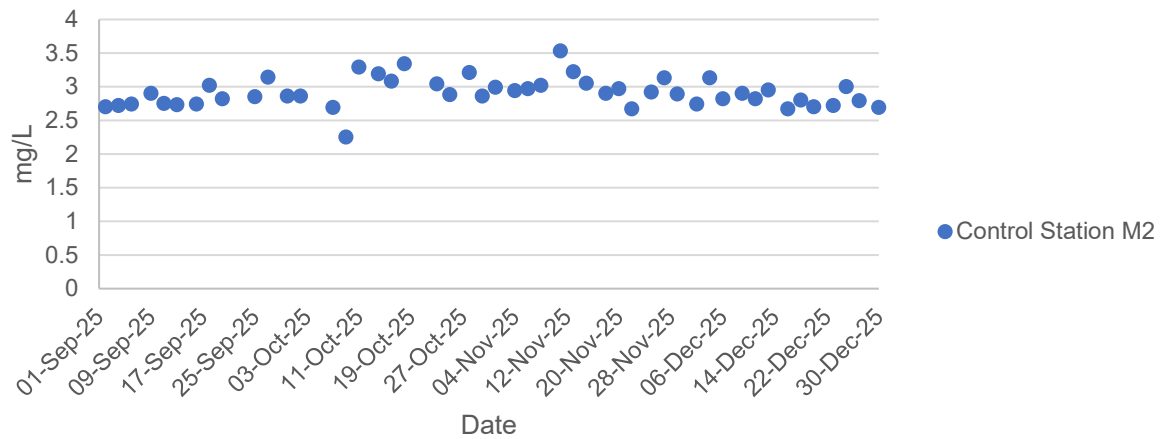
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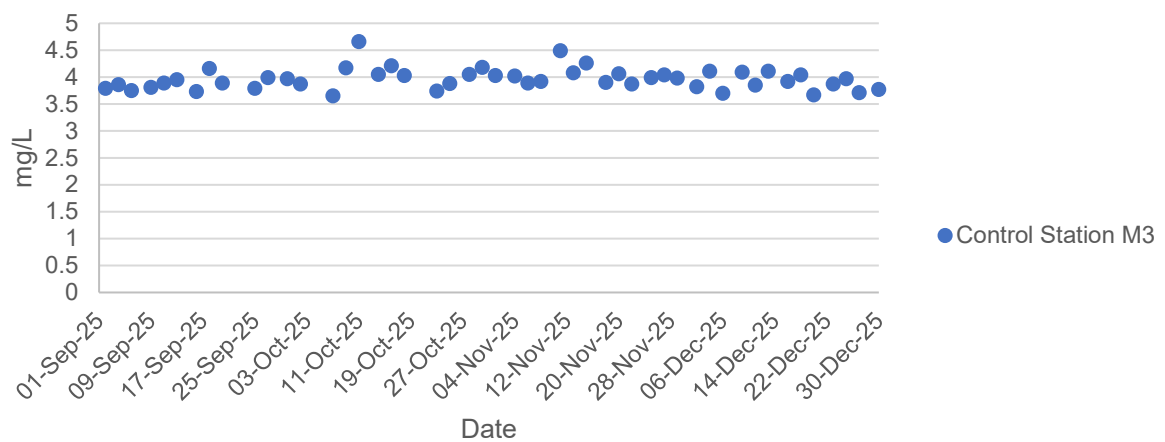
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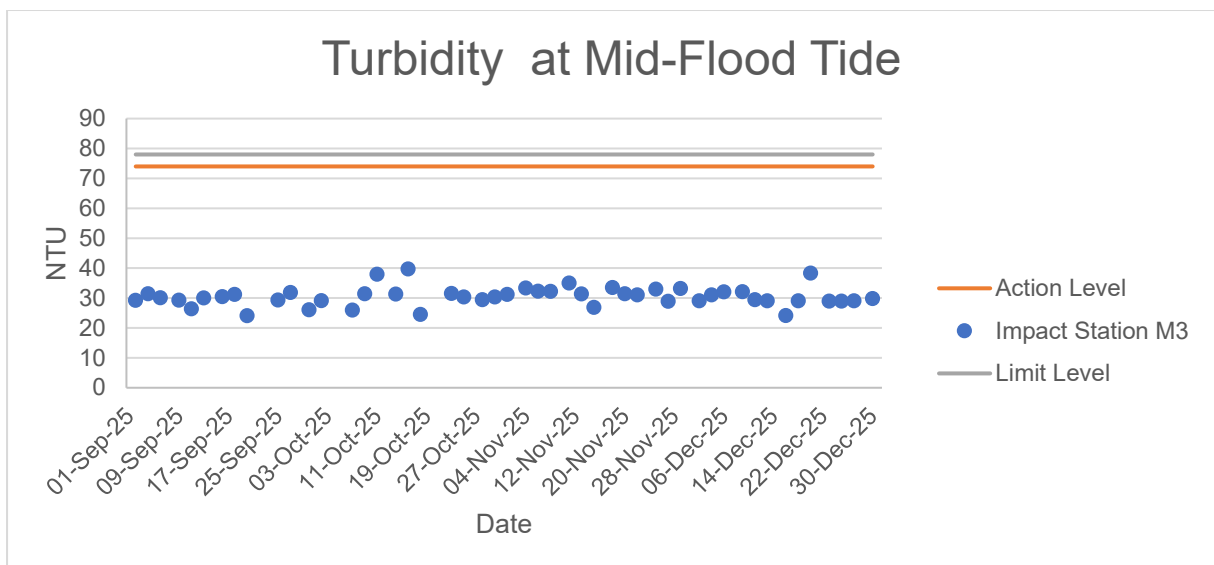
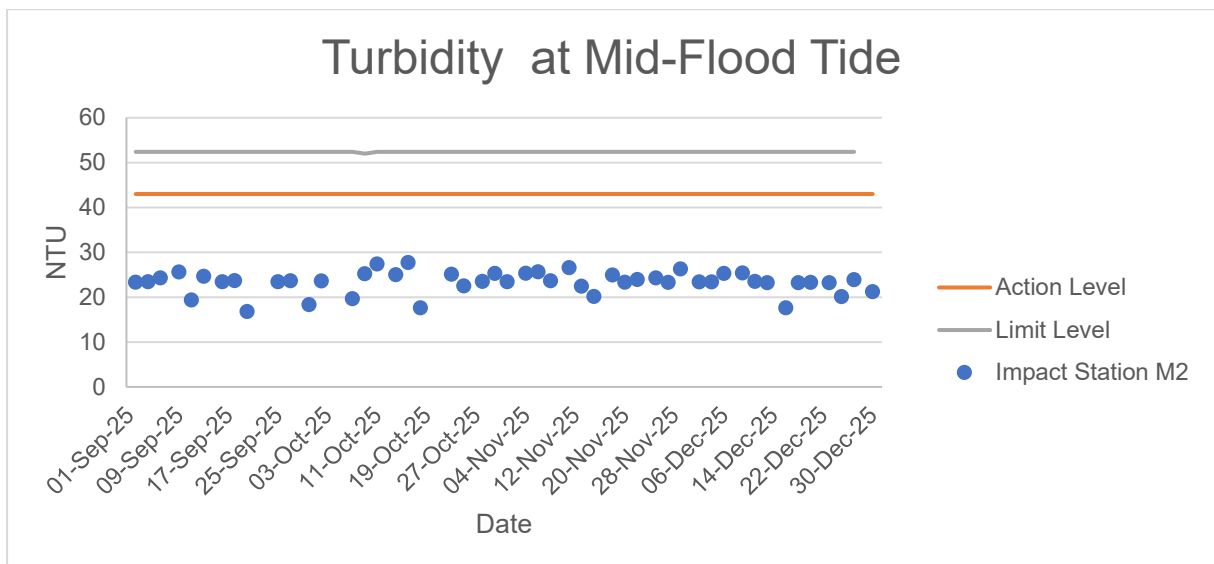
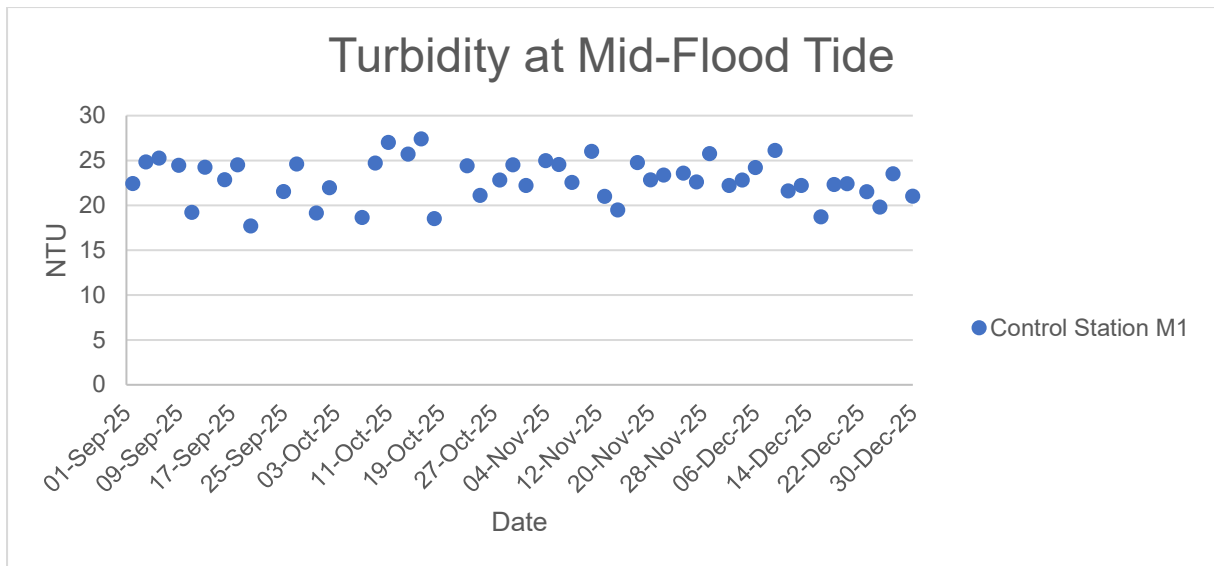


Dissolved Oxygen at Mid-Ebb Tide

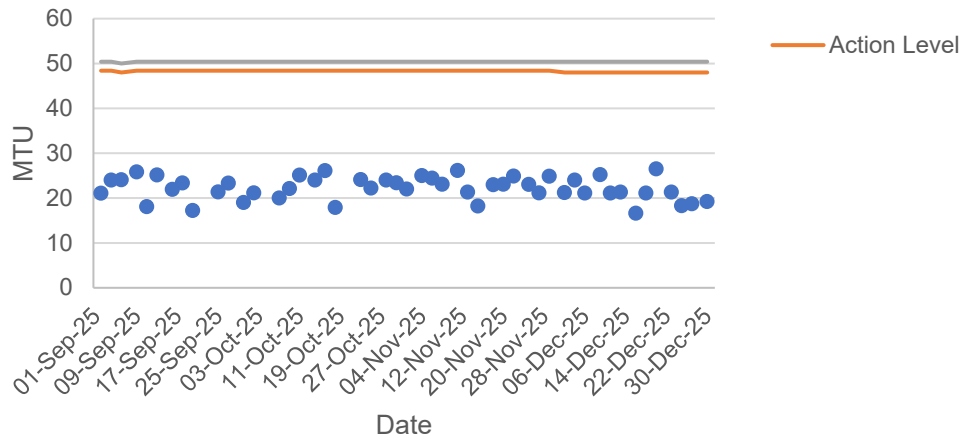


Dissolved Oxygen at Mid-Ebb Tide

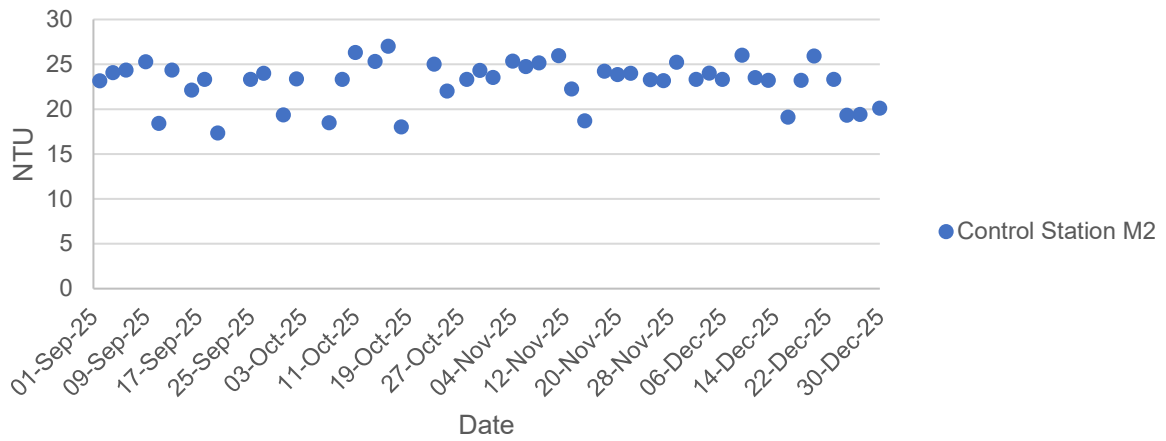




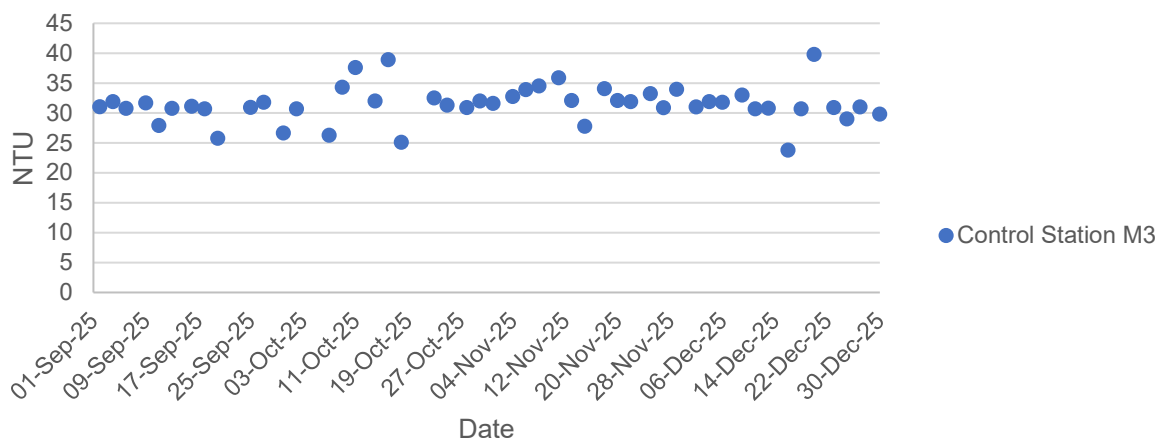
Turbidity at Mid-Ebb Tide



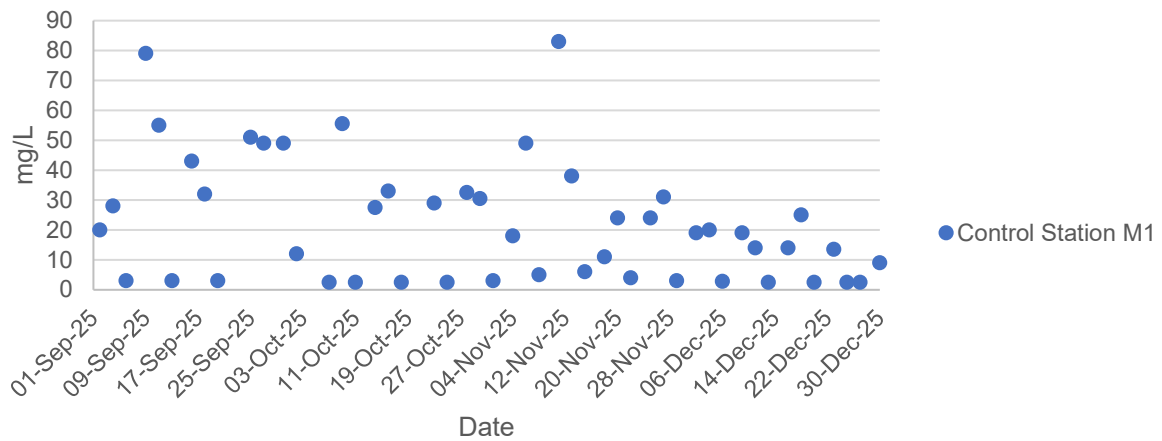
Turbidity at Mid-Ebb Tide



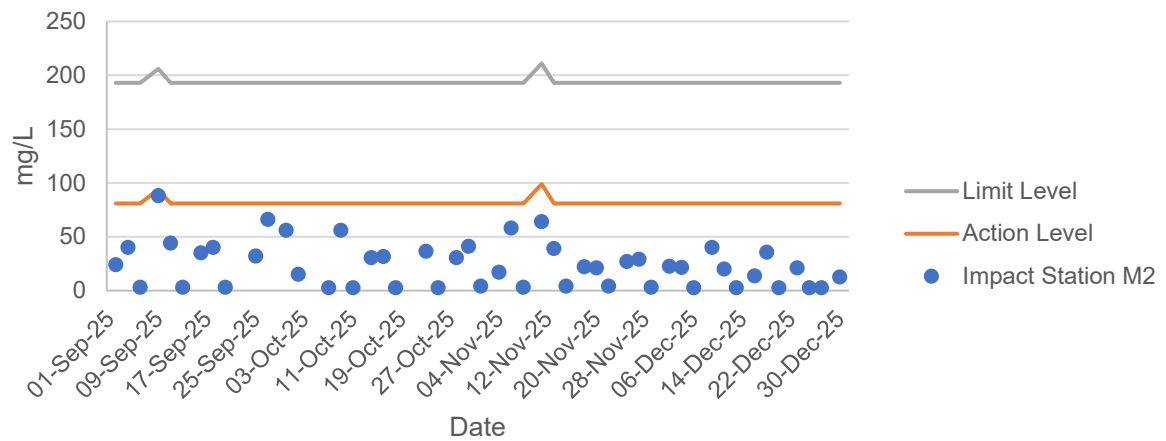
Turbidity at Mid-Ebb Tide



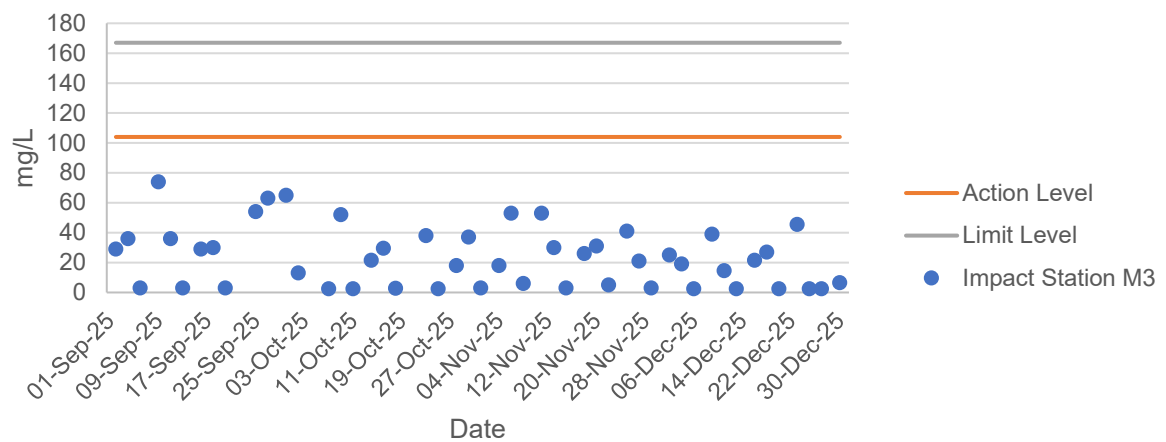
Total Suspended Solids at Mid-Flood Tide



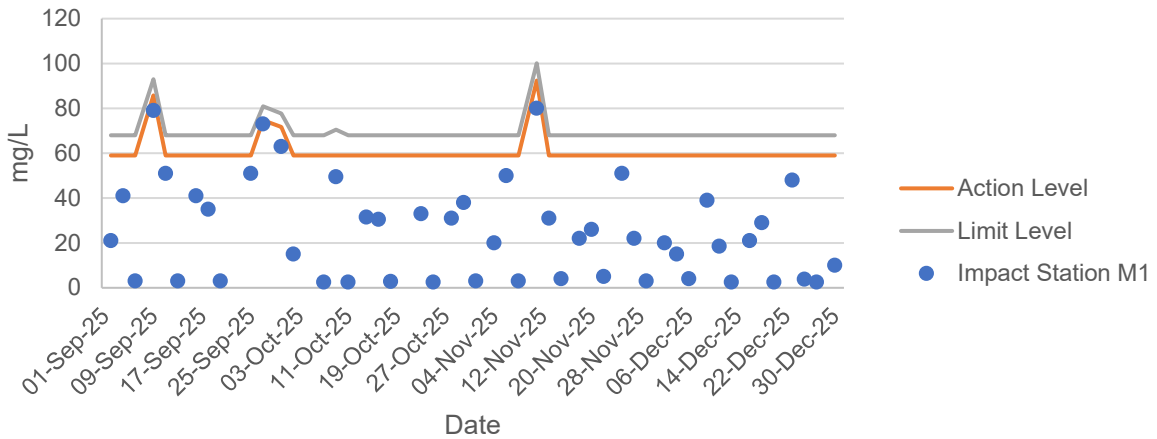
Total Suspended Solids at Mid-Flood Tide



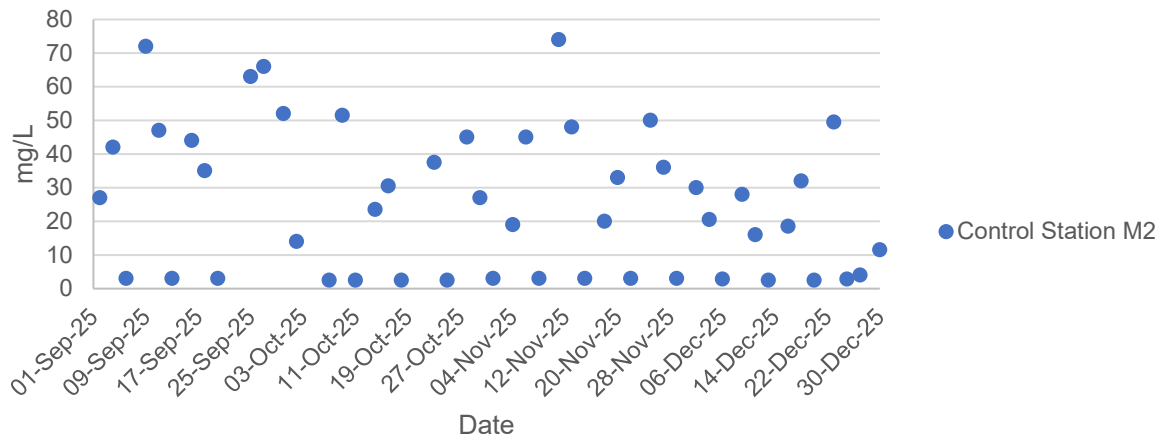
Total Suspended Solids at Mid-Flood Tide



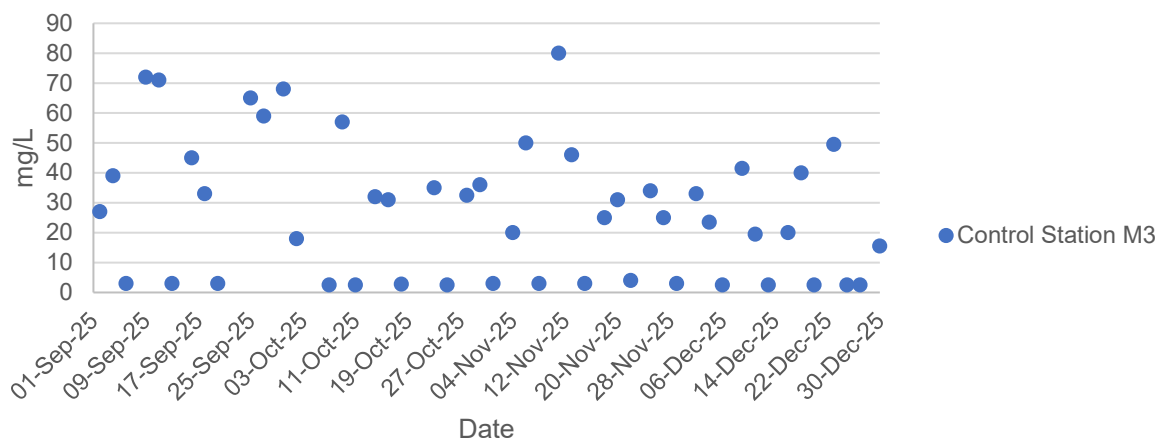
Total Suspended Solids at Mid-Ebb Tide



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 (19 & 22 December 2025)

Date (dd/mm/yyyy)	Daytime/ Night- time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong ²	Principal Status ³	Level of Concern ⁴	Protection Status in China ⁵	China Red Data Book ⁶	Red List of China's Vertebrates ⁹	IUCN Red List ⁷ (v.2020-3)	Species of Conservation Importance	Wetland Dependent ⁸
19/12/2025	Daytime	Dry	FLW	Point Count	FLW1	Chinese Pond Heron	<i>Ardeola bacchus</i>	4	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW1	Great Cormorant	<i>Phalacrocorax carbo</i>	6	Common	WV	PRC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW1	Black-winged stilt	<i>Himantopus himantopus</i>	2	Common	PM	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW1	Common Sandpiper	<i>Actitis hypoleucos</i>	2	Common	PM,WV	-	-	-	LC	LC	N	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW1	Common Greenshank	<i>Tringa nebularia</i>	1	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW1	Eurasian Collared Dove	<i>Streptopelia decaocto</i>	1	Common	-	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW1	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	2	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW1	Red-billed Starling	<i>Spodiopsar sericeus</i>	2	Common	WV	GC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW1	Black-collared Starling	<i>Gracupica nigricollis</i>	6	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW1	Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW1	White Wagtail	<i>Motacilla alba</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW2	Little Egret	<i>Egretta garzetta</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW2	Great Cormorant	<i>Phalacrocorax carbo</i>	1	Common	WV	PRC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW2	White-throated Kingfisher	<i>Halcyon smyrnensis</i>	1	Common	R	(LC)	Class II	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW2	Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW2	Scaly-breasted Munia	<i>Lonchura punctulata</i>	4	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW2	Black-faced Bunting	<i>Emberiza spodocephala</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW3	Great Egret	<i>Ardea alba</i>	1	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW3	Great Cormorant	<i>Phalacrocorax carbo</i>	2	Common	WV	PRC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW3	Black Kite	<i>Milvus migrans</i>	1	Common	R,WV	(RC)	Class II	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW3	Dusky Warbler	<i>Phylloscopus fuscatus</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW3	Plain Prinia	<i>Prinia inornata</i>	1	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW3	Oriental Magpie Robin	<i>Copsychus saularis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW3	White Wagtail	<i>Motacilla alba</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW4	Northern Shoveler	<i>Spatula clypeata</i>	4	Abundant	WV	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW4	Tufted Duck	<i>Aythya fuligula</i>	4	Uncommon	WV	LC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW4	Little Grebe	<i>Tachybaptus ruficollis</i>	2	Common	R	LC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW4	Chinese Pond Heron	<i>Ardeola bacchus</i>	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW4	Great Cormorant	<i>Phalacrocorax carbo</i>	4	Common	WV	PRC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW4	Common Moorhen	<i>Gallinula chloropus</i>	5	Common	R	-	-	-	LC	LC	N	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW4	Common Sandpiper	<i>Actitis hypoleucos</i>	1	Common	PM,WV	-	-	-	LC	LC	N	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW4	Spotted Dove	<i>Spilopelia chinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW4	Common Kingfisher	<i>Alcedo atthis</i>	1	Common	PM,WV	-	-	-	LC	LC	N	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW4	Chinese Bulbul	<i>Pycnonotus sinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW4	Yellow-bellied Prinia	<i>Prinia flaviventris</i>	1	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW4	Oriental Magpie Robin	<i>Copsychus saularis</i>	1	Abundant	R	-	-	-	LC	LC	N	N

Appendix F.1 Ecological Bird Monitoring Result (19 & 22 December 2025)

Date (dd/mm/yyyy)	Daytime/ Night- time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong ²	Principal Status ³	Level of Concern ⁴	Protection Status in China ⁵	China Red Data Book ⁶	Red List of China's Vertebrates ⁹	IUCN Red List ⁷ (v.2020-3)	Species of Conservation Importance	Wetland Dependent ⁸
19/12/2025	Daytime	Dry	FLW	Point Count	FLW4	Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW4	Black-faced Bunting	<i>Emberiza spodocephala</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW5	Chinese Pond Heron	<i>Ardeola bacchus</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW5	Grey Heron	<i>Ardea cinerea</i>	1	Common	WV	PRC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW5	Great Egret	<i>Ardea alba</i>	1	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW5	Little Egret	<i>Egretta garzetta</i>	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW5	Great Cormorant	<i>Phalacrocorax carbo</i>	6	Common	WV	PRC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW5	Black-winged stilt	<i>Himantopus himantopus</i>	2	Common	PM	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW5	Spotted Dove	<i>Spilopelia chinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW5	Pied Kingfisher	<i>Ceryle rudis</i>	1	Uncommon	R	-	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW5	Dusky Warbler	<i>Phylloscopus fuscatus</i>	3	Common	PM,WV	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW5	Yellow-bellied Prinia	<i>Prinia flaviventris</i>	1	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW5	Plain Prinia	<i>Prinia inornata</i>	2	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW5	Crested Myna	<i>Acridotheres cristatellus</i>	6	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW5	Common Myna	<i>Acridotheres tristis</i>	3	Uncommon	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW5	Black-collared Starling	<i>Gracupica nigricollis</i>	4	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW5	Oriental Magpie Robin	<i>Copsychus saularis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW5	Eurasian Tree Sparrow	<i>Passer montanus</i>	4	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW5	Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	2	Common	PM,WV	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW5	White Wagtail	<i>Motacilla alba</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW6	Tufted Duck	<i>Aythya fuligula</i>	2	Uncommon	WV	LC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW6	Little Grebe	<i>Tachybaptus ruficollis</i>	4	Common	R	LC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW6	Chinese Pond Heron	<i>Ardeola bacchus</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW6	Grey Heron	<i>Ardea cinerea</i>	1	Common	WV	PRC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW6	Great Cormorant	<i>Phalacrocorax carbo</i>	6	Common	WV	PRC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW6	Spotted Dove	<i>Spilopelia chinensis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW6	Greater Coucal	<i>Centropus sinensis</i>	1	Common	R	-	Class II	VU	LC	LC	Y	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW6	Black Drongo	<i>Dicrurus macrocercus</i>	2	Common	SV	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW6	Yellow-bellied Prinia	<i>Prinia flaviventris</i>	1	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW6	Crested Myna	<i>Acridotheres cristatellus</i>	4	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW6	Black-collared Starling	<i>Gracupica nigricollis</i>	4	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW7	Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	1	Common	R,WV	(LC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW7	Chinese Pond Heron	<i>Ardeola bacchus</i>	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW7	Great Cormorant	<i>Phalacrocorax carbo</i>	4	Common	WV	PRC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW7	White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	1	Common	R	-	-	-	LC	LC	N	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW7	Spotted Dove	<i>Spilopelia chinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW7	Asian Koel	<i>Eudynamys</i>	1	Common	R	-	-	-	LC	LC	N	N

Appendix F.1 Ecological Bird Monitoring Result (19 & 22 December 2025)

Date (dd/mm/yyyy)	Daytime/ Night- time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong ²	Principal Status ³	Level of Concern ⁴	Protection Status in China ⁵	China Red Data Book ⁶	Red List of China's Vertebrates ⁹	IUCN Red List ⁷ (v.2020-3)	Species of Conservation Importance	Wetland Dependent ⁸
							<i>scolopaceus</i>										
19/12/2025	Daytime	Dry	FLW	Point Count	FLW7	Common Kingfisher	<i>Alcedo atthis</i>	1	Common	PM,WV	-	-	-	LC	LC	N	Y
19/12/2025	Daytime	Dry	FLW	Point Count	FLW7	Chinese Bulbul	<i>Pycnonotus sinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW7	Black-collared Starling	<i>Gracupica nigricollis</i>	18	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Point Count	FLW7	White Wagtail	<i>Motacilla alba</i>	2	Common	PM,WV	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	NSW1	Chinese Pond Heron	<i>Ardeola bacchus</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	NSW1	Great Egret	<i>Ardea alba</i>	1	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	NSW1	Little Egret	<i>Egretta garzetta</i>	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	NSW1	Great Cormorant	<i>Phalacrocorax carbo</i>	85	Common	WV	PRC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	NSW1	Black-winged stilt	<i>Himantopus himantopus</i>	3	Common	PM	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	NSW1	Eurasian Collared Dove	<i>Streptopelia decaocto</i>	1	Common	-	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	NSW1	Spotted Dove	<i>Spilopelia chinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	NSW1	White-throated Kingfisher	<i>Halcyon smyrnensis</i>	1	Common	R	(LC)	Class II	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	NSW1	Common Kingfisher	<i>Alcedo atthis</i>	1	Common	PM,WV	-	-	-	LC	LC	N	Y
19/12/2025	Daytime	Dry	NSW	Point Count	NSW1	Chinese Bulbul	<i>Pycnonotus sinensis</i>	3	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	NSW1	Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	1	Common	WV,Sp	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	NSW1	Masked Laughingthrush	<i>Pterorhinus perspicillatus</i>	3	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	NSW1	Crested Myna	<i>Acridotheres cristatellus</i>	4	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	NSW1	Black-collared Starling	<i>Gracupica nigricollis</i>	2	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	NSW1	Eurasian Tree Sparrow	<i>Passer montanus</i>	4	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	NSW1	White Wagtail	<i>Motacilla alba</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Northern Shoveler	<i>Spatula clypeata</i>	7	Abundant	WV	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Eurasian Teal	<i>Anas crecca</i>	8	Common	WV	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Chinese Pond Heron	<i>Ardeola bacchus</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Grey Heron	<i>Ardea cinerea</i>	1	Common	WV	PRC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Great Egret	<i>Ardea alba</i>	1	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Great Cormorant	<i>Phalacrocorax carbo</i>	4	Common	WV	PRC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Common Moorhen	<i>Gallinula chloropus</i>	2	Common	R	-	-	-	LC	LC	N	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Black-winged stilt	<i>Himantopus himantopus</i>	14	Common	PM	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Pied Avocet	<i>Recurvirostra avosetta</i>	28	Abundant	WV	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Black-headed Gull	<i>Chroicocephalus ridibundus</i>	18	Common	WV	PRC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Spotted Dove	<i>Spilopelia chinensis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Greater Coucal	<i>Centropus sinensis</i>	1	Common	R	-	Class II	VU	LC	LC	Y	N
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	3	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	1	Common	WV,Sp	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Yellow-bellied Prinia	<i>Prinia flaviventris</i>	1	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Masked Laughingthrush	<i>Pterorhinus perspicillatus</i>	2	Abundant	R	-	-	-	LC	LC	N	N

Appendix F.1 Ecological Bird Monitoring Result (19 & 22 December 2025)

Date (dd/mm/yyyy)	Daytime/ Night- time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong ²	Principal Status ³	Level of Concern ⁴	Protection Status in China ⁵	China Red Data Book ⁶	Red List of China's Vertebrates ⁹	IUCN Red List ⁷ (v.2020-3)	Species of Conservation Importance	Wetland Dependent ⁸
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Black-collared Starling	<i>Gracupica nigricollis</i>	2	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Chinese Pond Heron	<i>Ardeola bacchus</i>	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Grey Heron	<i>Ardea cinerea</i>	2	Common	WV	PRC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Great Egret	<i>Ardea alba</i>	1	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Little Egret	<i>Egretta garzetta</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Great Cormorant	<i>Phalacrocorax carbo</i>	1	Common	WV	PRC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Black-winged stilt	<i>Himantopus himantopus</i>	3	Common	PM	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Pied Avocet	<i>Recurvirostra avosetta</i>	2	Abundant	WV	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Common Sandpiper	<i>Actitis hypoleucos</i>	1	Common	PM,WV	-	-	-	LC	LC	N	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Common Redshank	<i>Tringa totanus</i>	2	Common	PM	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Common Greenshank	<i>Tringa nebularia</i>	2	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Spotted Dove	<i>Spilopelia chinensis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	White-throated Kingfisher	<i>Halcyon smyrnensis</i>	1	Common	R	(LC)	Class II	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Common Kingfisher	<i>Alcedo atthis</i>	1	Common	PM,WV	-	-	-	LC	LC	N	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Oriental Magpie	<i>Pica serica</i>	1	Common	R	-	-	-	-	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Japanese Tit	<i>Parus minor</i>	3	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	1	Common	WV,Sp	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Dusky Warbler	<i>Phylloscopus fuscatus</i>	2	Common	PM,WV	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Plain Prinia	<i>Prinia inornata</i>	1	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Masked Laughingthrush	<i>Pterorhinus perspicillatus</i>	2	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Crested Myna	<i>Acridotheres cristatellus</i>	6	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Black-collared Starling	<i>Gracupica nigricollis</i>	2	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	White Wagtail	<i>Motacilla alba</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Eurasian Wigeon	<i>Mareca penelope</i>	12	Common	WV	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Eurasian Teal	<i>Anas crecca</i>	15	Common	WV	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Chinese Pond Heron	<i>Ardeola bacchus</i>	14	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Grey Heron	<i>Ardea cinerea</i>	1	Common	WV	PRC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Great Egret	<i>Ardea alba</i>	2	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Great Cormorant	<i>Phalacrocorax carbo</i>	64	Common	WV	PRC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Common Moorhen	<i>Gallinula chloropus</i>	9	Common	R	-	-	-	LC	LC	N	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Black-winged stilt	<i>Himantopus himantopus</i>	18	Common	PM	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Pied Avocet	<i>Recurvirostra avosetta</i>	11	Abundant	WV	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Common Sandpiper	<i>Actitis hypoleucos</i>	2	Common	PM,WV	-	-	-	LC	LC	N	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Common Redshank	<i>Tringa totanus</i>	16	Common	PM	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Common Greenshank	<i>Tringa nebularia</i>	6	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Black-headed Gull	<i>Chroicocephalus ridibundus</i>	14	Common	WV	PRC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Japanese Tit	<i>Parus minor</i>	2	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Yellow-browed	<i>Phylloscopus</i>	2	Common	WV,Sp	-	-	-	LC	LC	N	N

Appendix F.1 Ecological Bird Monitoring Result (19 & 22 December 2025)

Date (dd/mm/yyyy)	Daytime/ Night- time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong ²	Principal Status ³	Level of Concern ⁴	Protection Status in China ⁵	China Red Data Book ⁶	Red List of China's Vertebrates ⁹	IUCN Red List ⁷ (v.2020-3)	Species of Conservation Importance	Wetland Dependent ⁸
						Warbler	<i>inornatus</i>										
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Swinhoe's White-eye	<i>Zosterops simplex</i>	4	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Oriental Magpie Robin	<i>Copsychus saularis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	White Wagtail	<i>Motacilla alba</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Northern Shoveler	<i>Spatula clypeata</i>	12	Abundant	WV	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Eurasian Teal	<i>Anas crecca</i>	2	Common	WV	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Tufted Duck	<i>Aythya fuligula</i>	8	Uncommon	WV	LC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	1	Common	R,WV	(LC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Chinese Pond Heron	<i>Ardeola bacchus</i>	3	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Grey Heron	<i>Ardea cinerea</i>	1	Common	WV	PRC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Great Cormorant	<i>Phalacrocorax carbo</i>	35	Common	WV	PRC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Black Kite	<i>Milvus migrans</i>	1	Common	R,WV	(RC)	Class II	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Spotted Dove	<i>Spilopelia chinensis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Common Kingfisher	<i>Alcedo atthis</i>	1	Common	PM,WV	-	-	-	LC	LC	N	Y
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Azure-winged Magpie	<i>Cyanopica cyanus</i>	2	Introduced	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Japanese Tit	<i>Parus minor</i>	2	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	4	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Chinese Bulbul	<i>Pycnonotus sinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	2	Common	WV,Sp	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Dusky Warbler	<i>Phylloscopus fuscatus</i>	8	Common	PM,WV	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Plain Prinia	<i>Prinia inornata</i>	2	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Common Tailorbird	<i>Orthotomus sutorius</i>	1	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Masked Laughingthrush	<i>Pterorhinus perspicillatus</i>	3	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Swinhoe's White-eye	<i>Zosterops simplex</i>	2	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Crested Myna	<i>Acridotheres cristatellus</i>	6	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Black-collared Starling	<i>Gracupica nigricollis</i>	3	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Stejneger's Stonechat	<i>Saxicola stejnegeri</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Scaly-breasted Munia	<i>Lonchura punctulata</i>	2	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Black-faced Bunting	<i>Emberiza spodocephala</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	FLW	Transect	FLW	Great Crested Grebe	<i>Podiceps cristatus</i>	1	Common	W	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Transect	NSW	Common Moorhen	<i>Gallinula chloropus</i>	1	Common	R	-	-	-	LC	LC	N	Y
19/12/2025	Daytime	Dry	NSW	Transect	NSW	Black-winged stilt	<i>Himantopus himantopus</i>	3	Common	PM	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Transect	NSW	Black-headed Gull	<i>Chroicocephalus ridibundus</i>	6	Common	WV	PRC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	NSW	Transect	NSW	Spotted Dove	<i>Spilopelia chinensis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Transect	NSW	Greater Coucal	<i>Centropus sinensis</i>	1	Common	R	-	Class II	VU	LC	LC	Y	N
19/12/2025	Daytime	Dry	NSW	Transect	NSW	Oriental Magpie	<i>Pica serica</i>	1	Common	R	-	-	-	-	LC	N	N
19/12/2025	Daytime	Dry	NSW	Transect	NSW	Japanese Tit	<i>Parus minor</i>	2	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Transect	NSW	Chinese Bulbul	<i>Pycnonotus</i>	3	Abundant	R	-	-	-	LC	LC	N	N

Appendix F.1 Ecological Bird Monitoring Result (19 & 22 December 2025)

Date (dd/mm/yyyy)	Daytime/ Night- time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong ²	Principal Status ³	Level of Concern ⁴	Protection Status in China ⁵	China Red Data Book ⁶	Red List of China's Vertebrates ⁹	IUCN Red List ⁷ (v.2020-3)	Species of Conservation Importance	Wetland Dependent ⁸
							<i>sinensis</i>										
19/12/2025	Daytime	Dry	NSW	Transect	NSW	Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	1	Common	WV,Sp	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Transect	NSW	Dusky Warbler	<i>Phylloscopus fuscatus</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Transect	NSW	Common Tailorbird	<i>Orthotomus sutorius</i>	1	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Transect	NSW	Crested Myna	<i>Acridotheres cristatellus</i>	4	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Transect	NSW	Black-collared Starling	<i>Gracupica nigricollis</i>	3	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	NSW	Transect	NSW	White Wagtail	<i>Motacilla alba</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Northern Shoveler	<i>Spatula clypeata</i>	13	Abundant	WV	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Eurasian Teal	<i>Anas crecca</i>	23	Common	WV	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Chinese Pond Heron	<i>Ardeola bacchus</i>	4	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Grey Heron	<i>Ardea cinerea</i>	5	Common	WV	PRC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Great Egret	<i>Ardea alba</i>	2	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Little Egret	<i>Egretta garzetta</i>	3	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Great Cormorant	<i>Phalacrocorax carbo</i>	4	Common	WV	PRC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	2	Common	R	-	-	-	LC	LC	N	Y
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Common Moorhen	<i>Gallinula chloropus</i>	11	Common	R	-	-	-	LC	LC	N	Y
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Black-winged stilt	<i>Himantopus himantopus</i>	22	Common	PM	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Pied Avocet	<i>Recurvirostra avosetta</i>	30	Abundant	WV	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Little Ringed Plover	<i>Charadrius dubius</i>	1	Common	WV,PM	(LC)	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Common Sandpiper	<i>Actitis hypoleucos</i>	2	Common	PM,WV	-	-	-	LC	LC	N	Y
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Common Redshank	<i>Tringa totanus</i>	11	Common	PM	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Marsh Sandpiper	<i>Tringa stagnatilis</i>	2	Common	PM,WV	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Common Greenshank	<i>Tringa nebularia</i>	4	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Black-headed Gull	<i>Chroicocephalus ridibundus</i>	45	Common	WV	PRC	-	-	LC	LC	Y	Y
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Spotted Dove	<i>Spilopelia chinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Common Kingfisher	<i>Alcedo atthis</i>	1	Common	PM,WV	-	-	-	LC	LC	N	Y
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Collared Crow	<i>Corvus torquatus</i>	1	Uncommon	R	LC	-	-	NT	VU	Y	Y
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	1	Common	WV,Sp	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Dusky Warbler	<i>Phylloscopus fuscatus</i>	2	Common	PM,WV	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Common Tailorbird	<i>Orthotomus sutorius</i>	1	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Black-collared Starling	<i>Gracupica nigricollis</i>	5	Common	R	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
19/12/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	White Wagtail	<i>Motacilla alba</i>	2	Common	PM,WV	-	-	-	LC	LC	N	N
22/12/2025	Night-time	Dry	FLW	Point Count	FLW4	Common Moorhen	<i>Gallinula chloropus</i>	4	Common	R	-	-	-	LC	LC	N	Y

Appendix F.1 Ecological Bird Monitoring Result (19 & 22 December 2025)

Date (dd/mm/yyyy)	Daytime/ Night- time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong ²	Principal Status ³	Level of Concern ⁴	Protection Status in China ⁵	China Red Data Book ⁶	Red List of China's Vertebrates ⁹	IUCN Red List ⁷ (v.2020-3)	Species of Conservation Importance	Wetland Dependent ⁸
22/12/2025	Night-time	Dry	FLW	Point Count	FLW5	Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	1	Common	R,WV	(LC)	-	-	LC	LC	Y	Y
22/12/2025	Night-time	Dry	FLW	Point Count	FLW6	Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	1	Common	R,WV	(LC)	-	-	LC	LC	Y	Y
22/12/2025	Night-time	Dry	NSW	Point Count	SP/NSW1	Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	3	Common	R,WV	(LC)	-	-	LC	LC	Y	Y
22/12/2025	Night-time	Dry	NSW	Point Count	SP/NSW1	White-throated Kingfisher	<i>Halcyon smyrnensis</i>	1	Common	R	(LC)	Class II	-	LC	LC	Y	Y
22/12/2025	Night-time	Dry	FLW	Transect	FLW	Tufted Duck	<i>Aythya fuligula</i>	16	Uncommon	WV	LC	-	-	LC	LC	Y	Y
22/12/2025	Night-time	Dry	FLW	Transect	FLW	Grey Heron	<i>Ardea cinerea</i>	1	Common	WV	PRC	-	-	LC	LC	Y	Y
22/12/2025	Night-time	Dry	YLIE- CW	Transect	YLIE-CW	Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	1	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 (19 & 22 December 2025)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) ²
<i>Spatula clypeata</i>	11	0.0174	-4.0526	-0.0704	0.2854
<i>Mareca penelope</i>	12	0.0190	-3.9656	-0.0752	0.2981
<i>Anas crecca</i>	23	0.0363	-3.3150	-0.1204	0.3993
<i>Aythya fuligula</i>	6	0.0095	-4.6587	-0.0442	0.2057
<i>Tachybaptus ruficollis</i>	6	0.0095	-4.6587	-0.0442	0.2057
<i>Nycticorax nycticorax</i>	6	0.0095	-4.6587	-0.0442	0.2057
<i>Ardeola bacchus</i>	28	0.0442	-3.1183	-0.1379	0.4301
<i>Ardea cinerea</i>	6	0.0095	-4.6587	-0.0442	0.2057
<i>Ardea alba</i>	7	0.0111	-4.5046	-0.0498	0.2244
<i>Egretta garzetta</i>	6	0.0095	-4.6587	-0.0442	0.2057
<i>Phalacrocorax carbo</i>	183	0.2891	-1.2410	-0.3588	0.4452
<i>Milvus migrans</i>	1	0.0016	-6.4505	-0.0102	0.0657
<i>Amaurornis phoenicurus</i>	1	0.0016	-6.4505	-0.0102	0.0657
<i>Gallinula chloropus</i>	20	0.0316	-3.4547	-0.1092	0.3771
<i>Himantopus himantopus</i>	42	0.0664	-2.7128	-0.1800	0.4883
<i>Recurvirostra avosetta</i>	41	0.0648	-2.7369	-0.1773	0.4852
<i>Actitis hypoleucos</i>	6	0.0095	-4.6587	-0.0442	0.2057
<i>Tringa totanus</i>	18	0.0284	-3.5601	-0.1012	0.3604
<i>Tringa nebularia</i>	9	0.0142	-4.2532	-0.0605	0.2572
<i>Chroicocephalus ridibundus</i>	32	0.0506	-2.9847	-0.1509	0.4504
<i>Streptopelia decaocto</i>	2	0.0032	-5.7573	-0.0182	0.1047
<i>Spilopelia chinensis</i>	11	0.0174	-4.0526	-0.0704	0.2854
<i>Centropus sinensis</i>	2	0.0032	-5.7573	-0.0182	0.1047
<i>Eudynamis scolopaceus</i>	1	0.0016	-6.4505	-0.0102	0.0657
<i>Halcyon smyrnensis</i>	4	0.0063	-5.0642	-0.0320	0.1621
<i>Alcedo atthis</i>	4	0.0063	-5.0642	-0.0320	0.1621
<i>Ceryle rudis</i>	1	0.0016	-6.4505	-0.0102	0.0657
<i>Dicrurus macrocercus</i>	2	0.0032	-5.7573	-0.0182	0.1047
<i>Pica serica</i>	1	0.0016	-6.4505	-0.0102	0.0657
<i>Parus minor</i>	5	0.0079	-4.8410	-0.0382	0.1851
<i>Pycnonotus jocosus</i>	5	0.0079	-4.8410	-0.0382	0.1851
<i>Pycnonotus sinensis</i>	7	0.0111	-4.5046	-0.0498	0.2244
<i>Phylloscopus inornatus</i>	5	0.0079	-4.8410	-0.0382	0.1851
<i>Phylloscopus fuscatus</i>	6	0.0095	-4.6587	-0.0442	0.2057
<i>Prinia flaviventris</i>	4	0.0063	-5.0642	-0.0320	0.1621
<i>Prinia inornata</i>	4	0.0063	-5.0642	-0.0320	0.1621
<i>Pterorhinus perspicillatus</i>	7	0.0111	-4.5046	-0.0498	0.2244
<i>Zosterops simplex</i>	4	0.0063	-5.0642	-0.0320	0.1621
<i>Acridotheres cristatellus</i>	20	0.0316	-3.4547	-0.1092	0.3771
<i>Acridotheres tristis</i>	3	0.0047	-5.3519	-0.0254	0.1357
<i>Spodiopsar sericeus</i>	2	0.0032	-5.7573	-0.0182	0.1047
<i>Gracupica nigricollis</i>	38	0.0600	-2.8129	-0.1689	0.4750
<i>Copsychus saularis</i>	4	0.0063	-5.0642	-0.0320	0.1621
<i>Saxicola stejnegeri</i>	3	0.0047	-5.3519	-0.0254	0.1357
<i>Passer montanus</i>	8	0.0126	-4.3710	-0.0552	0.2415
<i>Lonchura punctulata</i>	4	0.0063	-5.0642	-0.0320	0.1621
<i>Motacilla tschutschensis</i>	2	0.0032	-5.7573	-0.0182	0.1047
<i>Motacilla alba</i>	8	0.0126	-4.3710	-0.0552	0.2415
<i>Emberiza spodocephala</i>	2	0.0032	-5.7573	-0.0182	0.1047

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) ²
Total	633	1	-228.0541	-3.0088	10.9286
Richness	49				
SS	10.9286				
SQ	9.0528				
H	3.0088				
S ² H	0.0030				

Appendix F.2.2 Ecological Bird Monitoring Diversity (Avifauna species of conservation importance in Point Count Method) in All Habitats (19 & 22 December 2025)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) ²
<i>Spatula clypeata</i>	11	0.0247	-3.7024	-0.0913	0.3381
<i>Mareca penelope</i>	12	0.0269	-3.6154	-0.0973	0.3517
<i>Anas crecca</i>	23	0.0516	-2.9648	-0.1529	0.4533
<i>Aythya fuligula</i>	6	0.0135	-4.3086	-0.0580	0.2497
<i>Tachybaptus ruficollis</i>	6	0.0135	-4.3086	-0.0580	0.2497
<i>Nycticorax nycticorax</i>	6	0.0135	-4.3086	-0.0580	0.2497
<i>Ardeola bacchus</i>	28	0.0628	-2.7681	-0.1738	0.4811
<i>Ardea cinerea</i>	6	0.0135	-4.3086	-0.0580	0.2497
<i>Ardea alba</i>	7	0.0157	-4.1544	-0.0652	0.2709
<i>Egretta garzetta</i>	6	0.0135	-4.3086	-0.0580	0.2497
<i>Phalacrocorax carbo</i>	183	0.4103	-0.8908	-0.3655	0.3256
<i>Milvus migrans</i>	1	0.0022	-6.1003	-0.0137	0.0834
<i>Himantopus himantopus</i>	42	0.0942	-2.3626	-0.2225	0.5257
<i>Recurvirostra avosetta</i>	41	0.0919	-2.3867	-0.2194	0.5237
<i>Tringa totanus</i>	18	0.0404	-3.2099	-0.1295	0.4158
<i>Tringa nebularia</i>	9	0.0202	-3.9031	-0.0788	0.3074
<i>Chroicocephalus ridibundus</i>	32	0.0717	-2.6346	-0.1890	0.4980
<i>Centropus sinensis</i>	2	0.0045	-5.4072	-0.0242	0.1311
<i>Halcyon smyrnensis</i>	4	0.0090	-4.7140	-0.0423	0.1993
<i>Ceryle rudis</i>	1	0.0022	-6.1003	-0.0137	0.0834
<i>Spodiopsar sericeus</i>	2	0.0045	-5.4072	-0.0242	0.1311
Total	446	1	-81.8648	-2.1932	6.3683
Richness	21				
SS	6.3683				
SQ	4.8100				
H	2.1932				
S ² H	0.00354				

Appendix F.2.3 Ecological Bird Monitoring Diversity (All avifauna species in Transect Walk Method)
in All Habitats (19 & 22 December 2025)

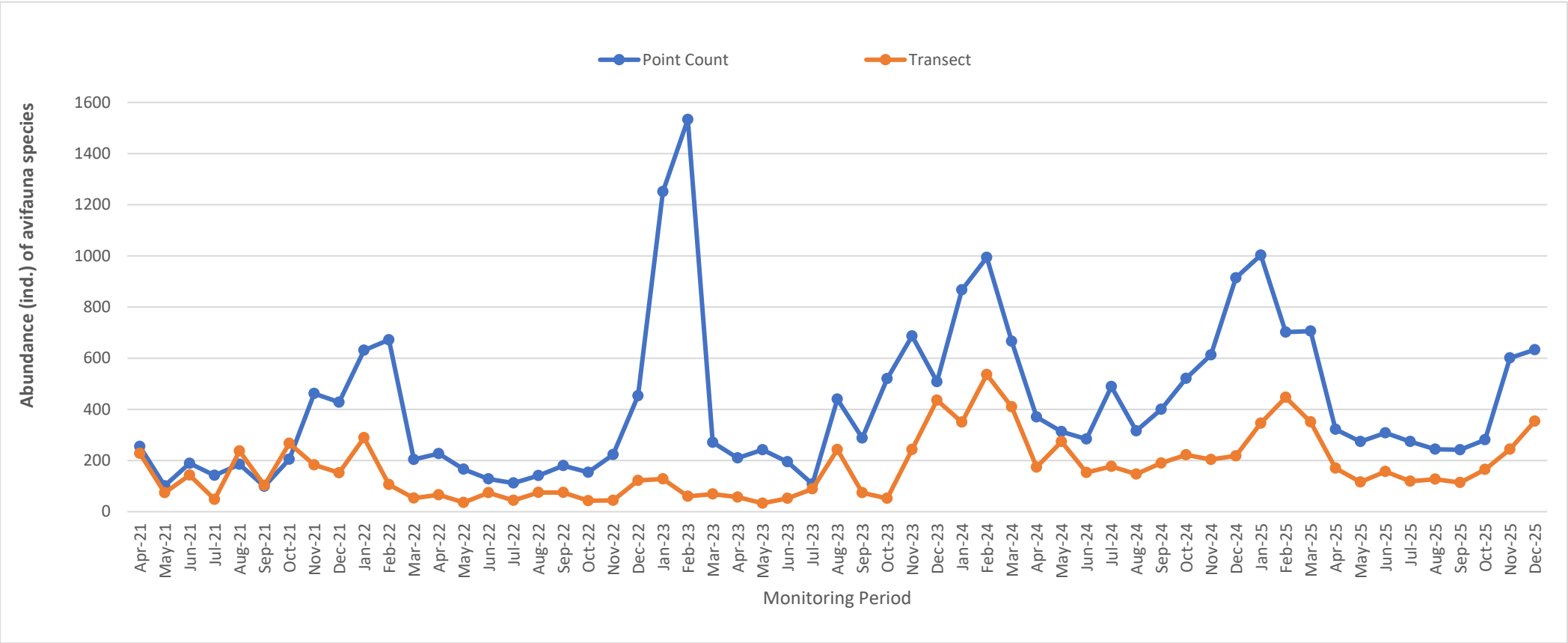
Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) ²
<i>Spatula clypeata</i>	25	0.0706	-2.6504	-0.1872	0.4961
<i>Anas crecca</i>	25	0.0706	-2.6504	-0.1872	0.4961
<i>Aythya fuligula</i>	24	0.0678	-2.6912	-0.1825	0.4910
<i>Podiceps cristatus</i>	1	0.0028	-5.8693	-0.0166	0.0973
<i>Nycticorax nycticorax</i>	2	0.0056	-5.1761	-0.0292	0.1514
<i>Ardeola bacchus</i>	7	0.0198	-3.9234	-0.0776	0.3044
<i>Ardea cinerea</i>	7	0.0198	-3.9234	-0.0776	0.3044
<i>Ardea alba</i>	2	0.0056	-5.1761	-0.0292	0.1514
<i>Egretta garzetta</i>	3	0.0085	-4.7707	-0.0404	0.1929
<i>Phalacrocorax carbo</i>	39	0.1102	-2.2057	-0.2430	0.5360
<i>Milvus migrans</i>	1	0.0028	-5.8693	-0.0166	0.0973
<i>Amaurornis phoenicurus</i>	2	0.0056	-5.1761	-0.0292	0.1514
<i>Gallinula chloropus</i>	12	0.0339	-3.3844	-0.1147	0.3883
<i>Himantopus himantopus</i>	25	0.0706	-2.6504	-0.1872	0.4961
<i>Recurvirostra avosetta</i>	30	0.0847	-2.4681	-0.2092	0.5162
<i>Charadrius dubius</i>	1	0.0028	-5.8693	-0.0166	0.0973
<i>Actitis hypoleucos</i>	2	0.0056	-5.1761	-0.0292	0.1514
<i>Tringa totanus</i>	11	0.0311	-3.4714	-0.1079	0.3745
<i>Tringa stagnatilis</i>	2	0.0056	-5.1761	-0.0292	0.1514
<i>Tringa nebularia</i>	4	0.0113	-4.4830	-0.0507	0.2271
<i>Chroicocephalus ridibundus</i>	51	0.1441	-1.9375	-0.2791	0.5408
<i>Spilopelia chinensis</i>	4	0.0113	-4.4830	-0.0507	0.2271
<i>Centropus sinensis</i>	1	0.0028	-5.8693	-0.0166	0.0973
<i>Alcedo atthis</i>	2	0.0056	-5.1761	-0.0292	0.1514
<i>Cyanopica cyanus</i>	2	0.0056	-5.1761	-0.0292	0.1514
<i>Pica serica</i>	1	0.0028	-5.8693	-0.0166	0.0973
<i>Corvus torquatus</i>	1	0.0028	-5.8693	-0.0166	0.0973
<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>	5	0.0141	-4.2599	-0.0602	0.2563
<i>Phylloscopus inornatus</i>	4	0.0113	-4.4830	-0.0507	0.2271
<i>Phylloscopus fuscatus</i>	11	0.0311	-3.4714	-0.1079	0.3745
<i>Prinia inornata</i>	2	0.0056	-5.1761	-0.0292	0.1514
<i>Orthotomus sutorius</i>	3	0.0085	-4.7707	-0.0404	0.1929
<i>Pterorhinus perspicillatus</i>	3	0.0085	-4.7707	-0.0404	0.1929
<i>Zosterops simplex</i>	2	0.0056	-5.1761	-0.0292	0.1514
<i>Acridotheres cristatellus</i>	10	0.0282	-3.5667	-0.1008	0.3594
<i>Gracupica nigricollis</i>	11	0.0311	-3.4714	-0.1079	0.3745
<i>Saxicola stejnegeri</i>	1	0.0028	-5.8693	-0.0166	0.0973
<i>Lonchura punctulata</i>	2	0.0056	-5.1761	-0.0292	0.1514
<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>	1	0.0028	-5.8693	-0.0166	0.0973

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) ²
Total	354	1	-192.8087	-3.0863	10.6049
Richness	43				
SS	10.6049				
SQ	9.5255				
H	3.0863				
S ² H	0.003217				

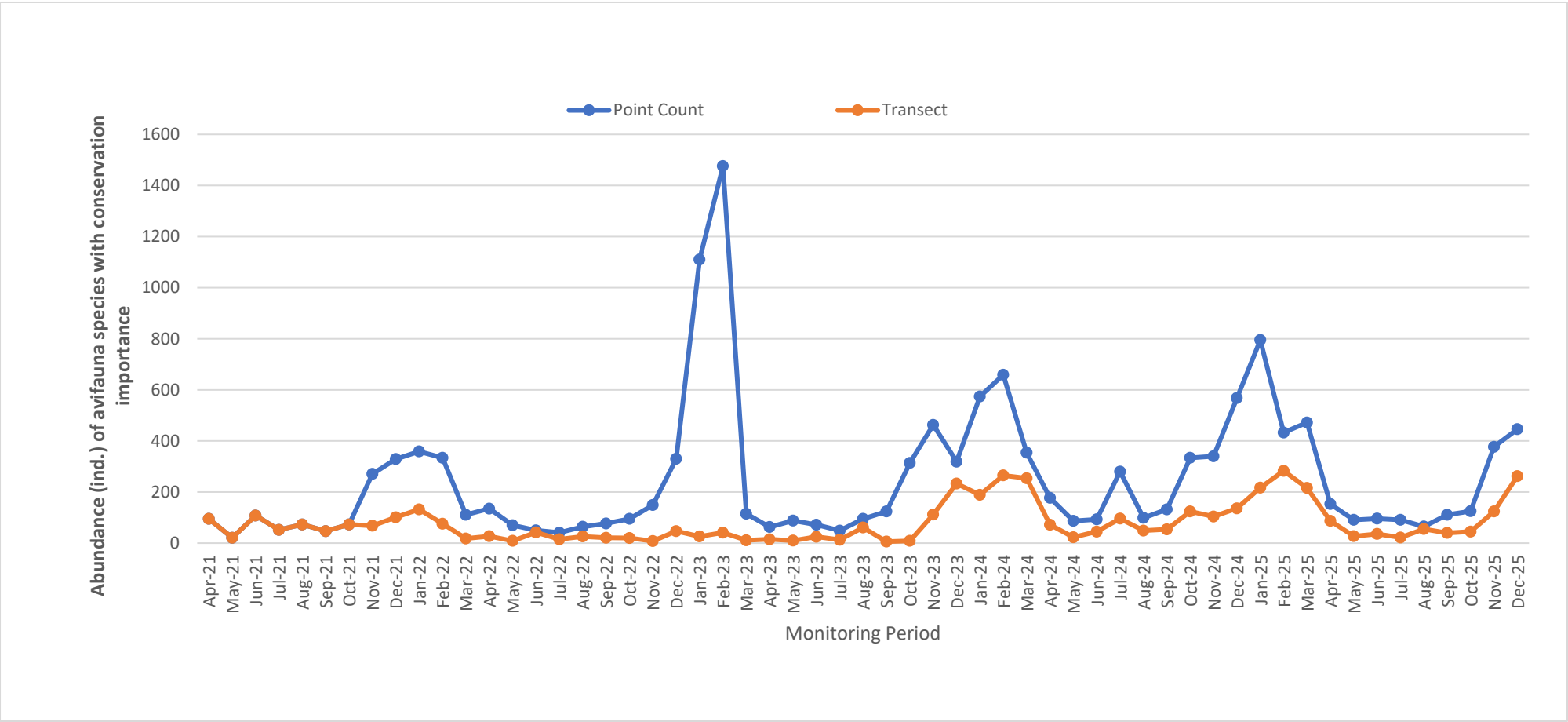
Appendix F.2.4 Ecological Bird Monitoring Diversity (Avifauna species of conservation importance in Transect Walk Method) in All Habitats (19 & 22 December 2025)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) ²
<i>Spatula clypeata</i>	25	0.0954	-2.3495	-0.2242	0.5267
<i>Anas crecca</i>	25	0.0954	-2.3495	-0.2242	0.5267
<i>Aythya fuligula</i>	24	0.0916	-2.3903	-0.2190	0.5234
<i>Podiceps cristatus</i>	1	0.0038	-5.5683	-0.0213	0.1183
<i>Nycticorax nycticorax</i>	2	0.0076	-4.8752	-0.0372	0.1814
<i>Ardeola bacchus</i>	7	0.0267	-3.6224	-0.0968	0.3506
<i>Ardea cinerea</i>	7	0.0267	-3.6224	-0.0968	0.3506
<i>Ardea alba</i>	2	0.0076	-4.8752	-0.0372	0.1814
<i>Egretta garzetta</i>	3	0.0115	-4.4697	-0.0512	0.2288
<i>Phalacrocorax carbo</i>	39	0.1489	-1.9048	-0.2835	0.5401
<i>Milvus migrans</i>	1	0.0038	-5.5683	-0.0213	0.1183
<i>Himantopus himantopus</i>	25	0.0954	-2.3495	-0.2242	0.5267
<i>Recurvirostra avosetta</i>	30	0.1145	-2.1671	-0.2481	0.5378
<i>Charadrius dubius</i>	1	0.0038	-5.5683	-0.0213	0.1183
<i>Tringa totanus</i>	11	0.0420	-3.1704	-0.1331	0.4220
<i>Tringa stagnatilis</i>	2	0.0076	-4.8752	-0.0372	0.1814
<i>Tringa nebularia</i>	4	0.0153	-4.1821	-0.0638	0.2670
<i>Chroicocephalus ridibundus</i>	51	0.1947	-1.6365	-0.3186	0.5213
<i>Centropus sinensis</i>	1	0.0038	-5.5683	-0.0213	0.1183
<i>Corvus torquatus</i>	1	0.0038	-5.5683	-0.0213	0.1183
Total	262	1	-76.6816	-2.4014	6.4577
Richness	20				
SS	6.4577				
SQ	5.7666				
H	2.4014				
S ² H	0.00278				

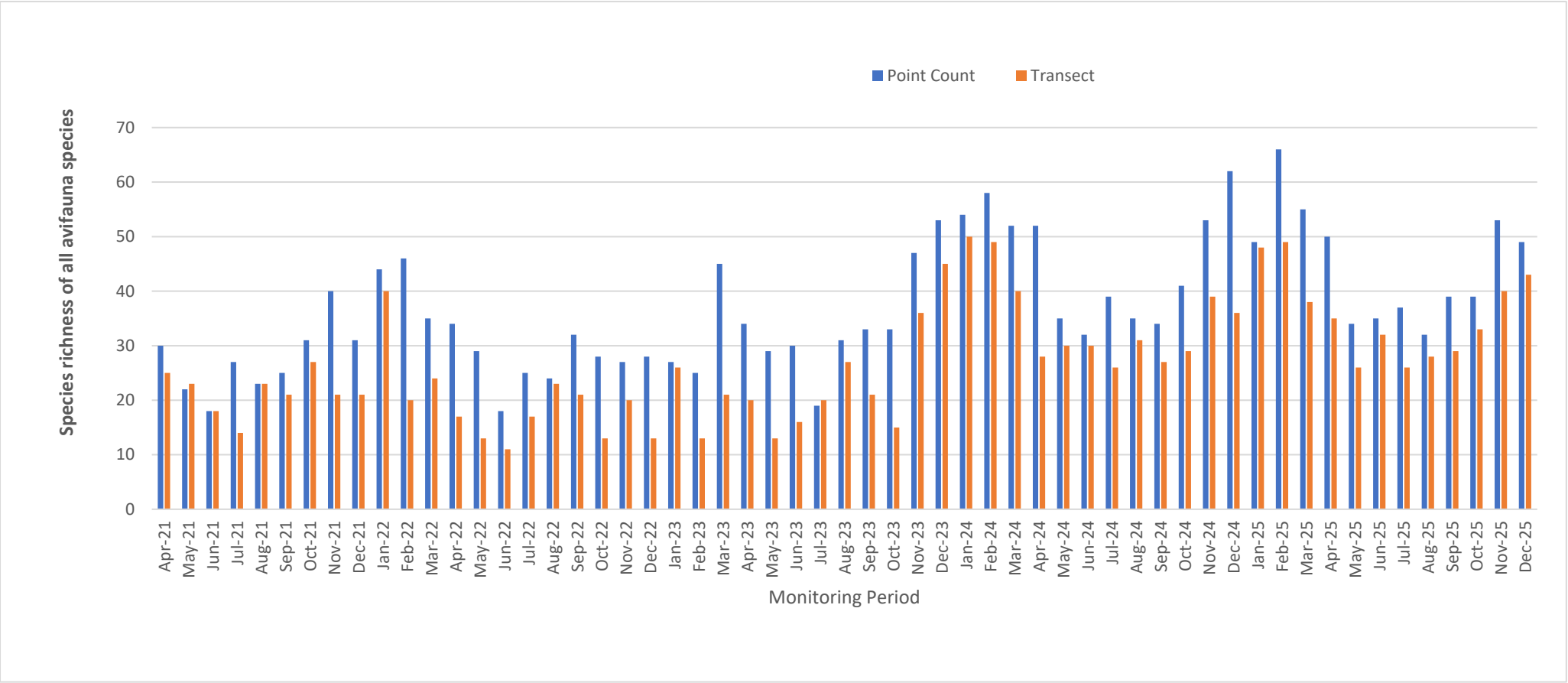
Appendix F.3.1 Abundance of all avifauna species throughout the monitoring period



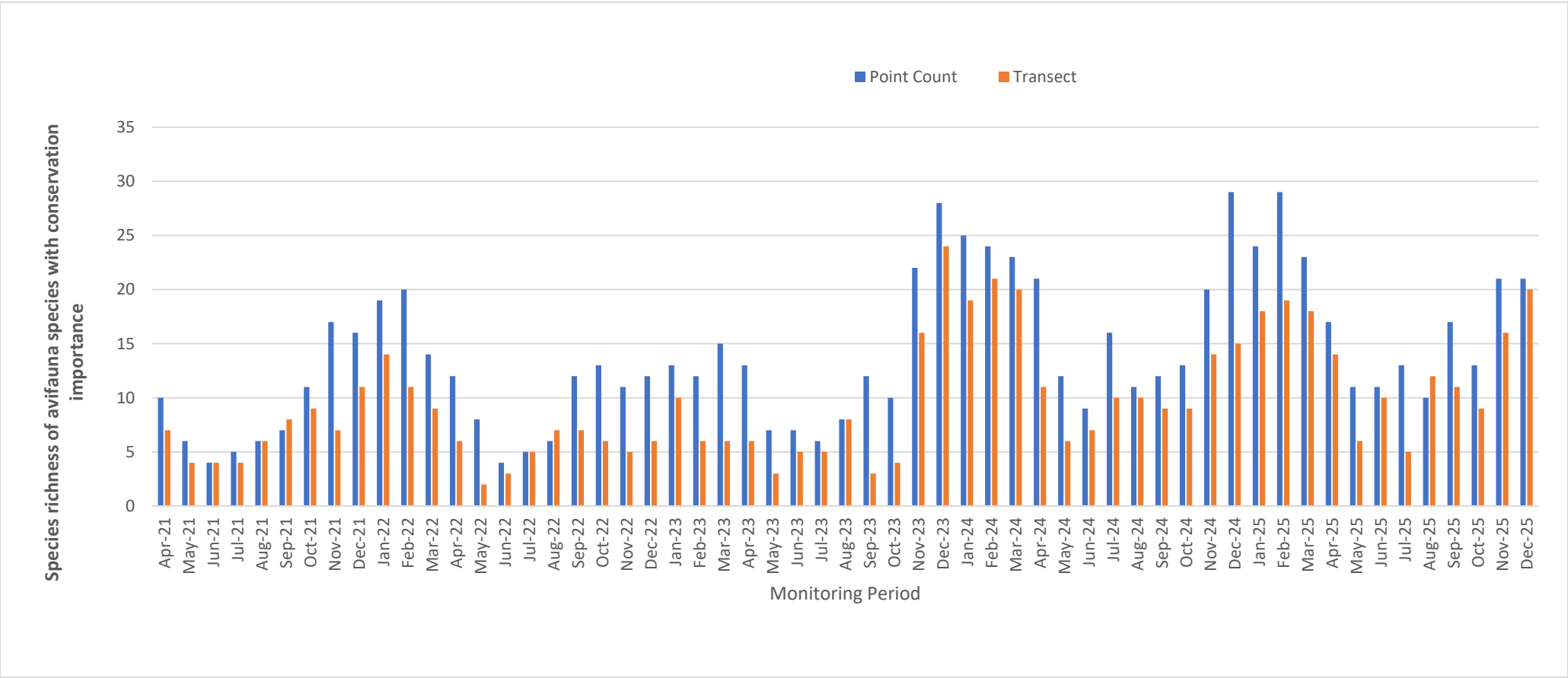
Appendix F.3.2 Abundance of avifauna species with conservation importance throughout the monitoring period



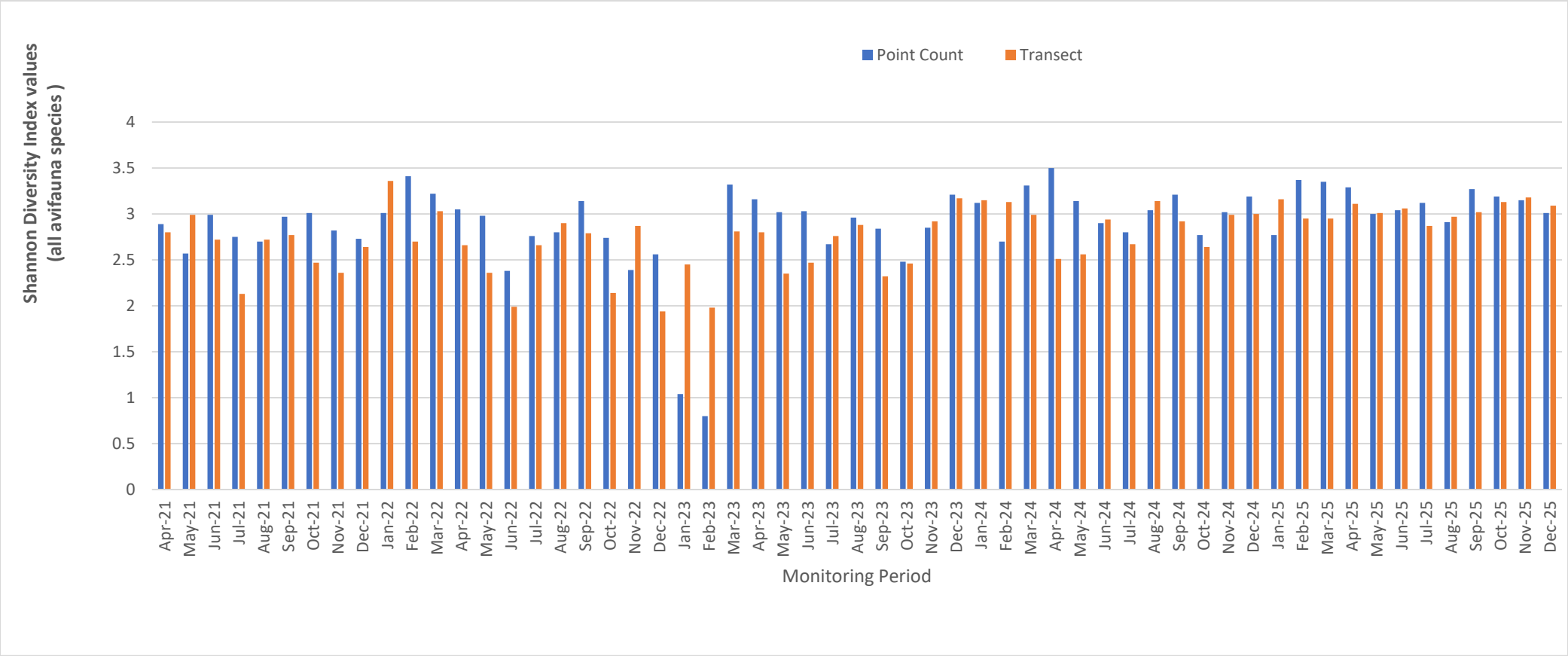
Appendix F.4.1 Species richness of all avifauna species throughout the monitoring period



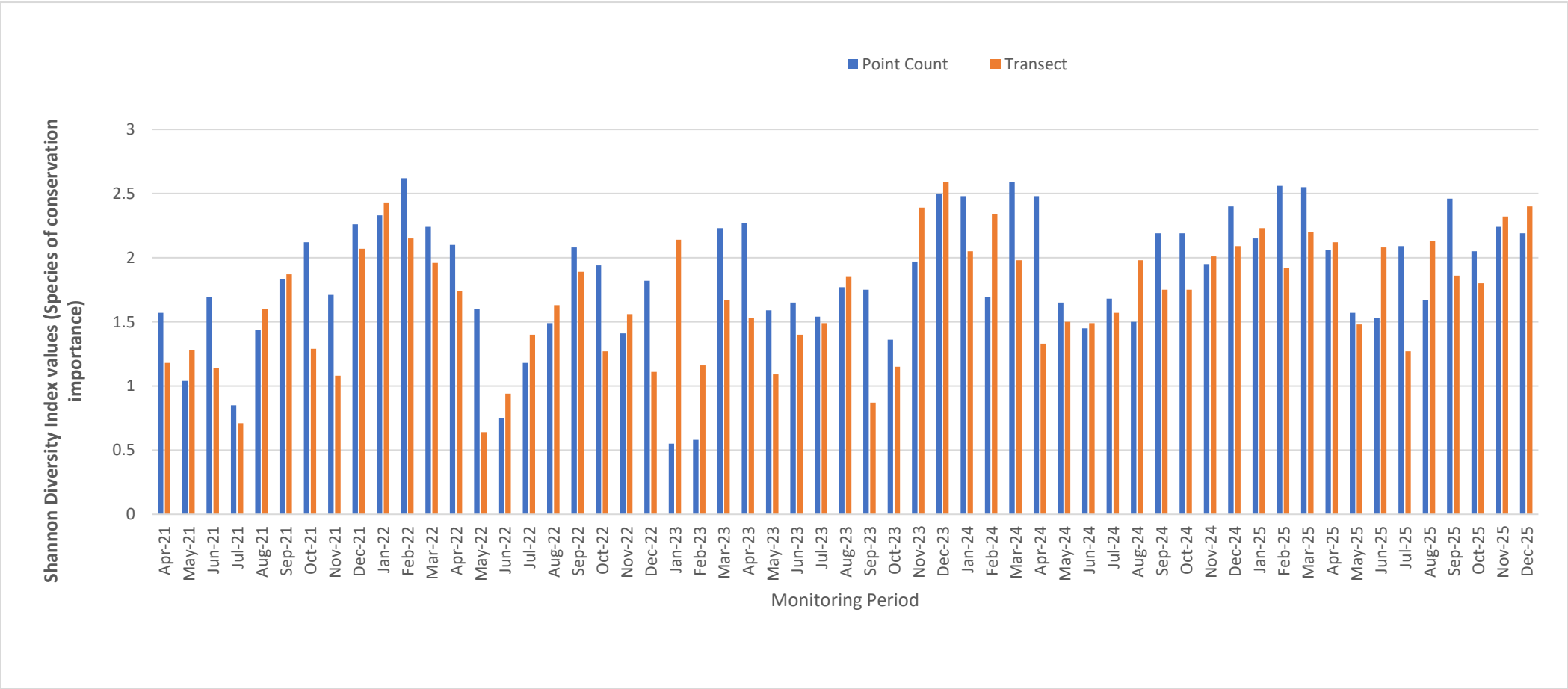
Appendix F.4.2 Species richness of avifauna species with conservation importance throughout the monitoring period



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	December 2016	December 2025
Total	530	633
Richness	35	49
H	2.4583	3.0088
S ² H	0.003400	0.003023
t	6.8692	
df	1138.1362	
Crit	1.9621	
p	1.06E-11	
CI	0.1166	0.1100

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

Months	December 2016	December 2025
Total	85	354
Richness	22	43
H	2.6712	3.0863
S ² H	0.01051	0.003217
t	3.5437	
df	141.8013	
Crit	1.9769	
p	5.36E-04	
CI	0.2050	0.1134

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

Months	December 2016	December 2025
Total	462	446
Richness	18	21
H	2.0399	2.1932
S ² H	0.002800	0.003544
t	1.9244	
df	891.7593	
Crit	1.9626	
p	5.46E-02	
CI	0.1058	0.1191

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

Months	December 2016	December 2025
Total	16	262
Richness	5	20
H	1.3917	2.4014
S ² H	0.02860	0.00278
t	5.6999	
df	19.2459	
Crit	2.0930	
p	1.71E-05	
CI	0.3382	0.1054