

Air Quality Monitoring Results

1-hour TSP Monitoring Result for**Contract No. SPW 01/2025****Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1****AM1 - Topfine Machinery (China) Co. Ltd.**

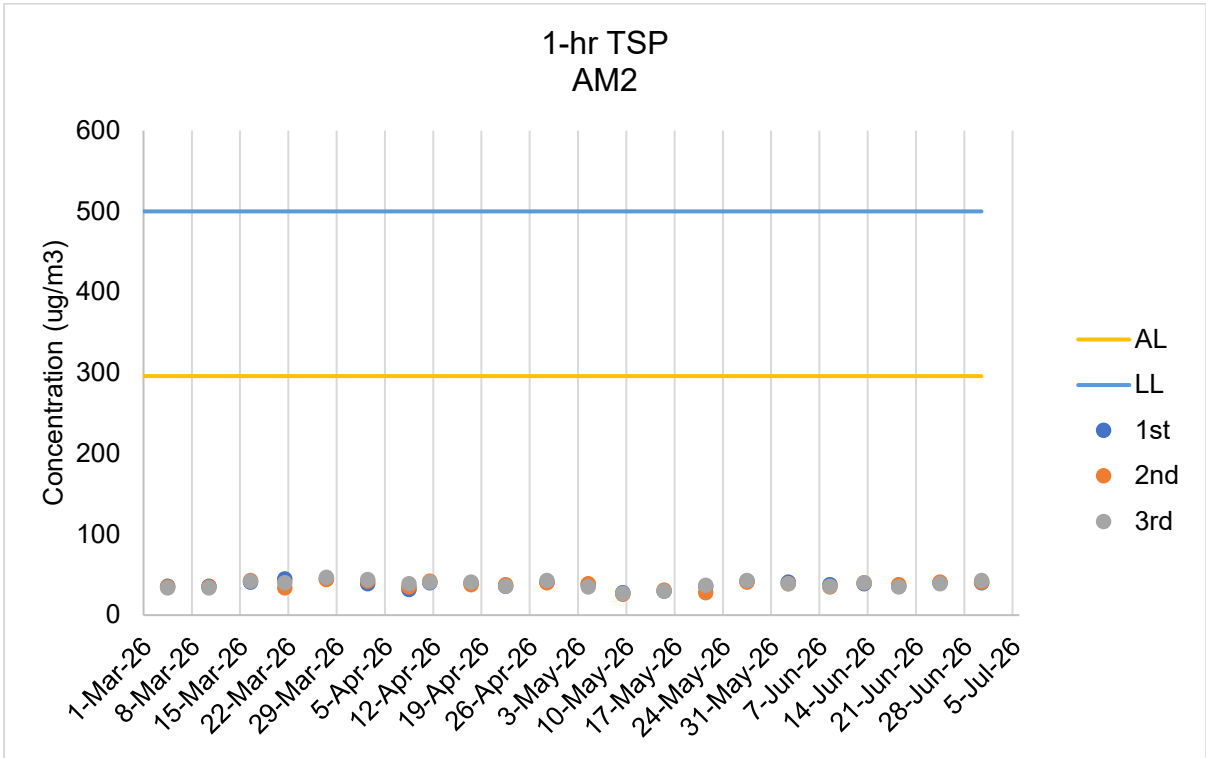
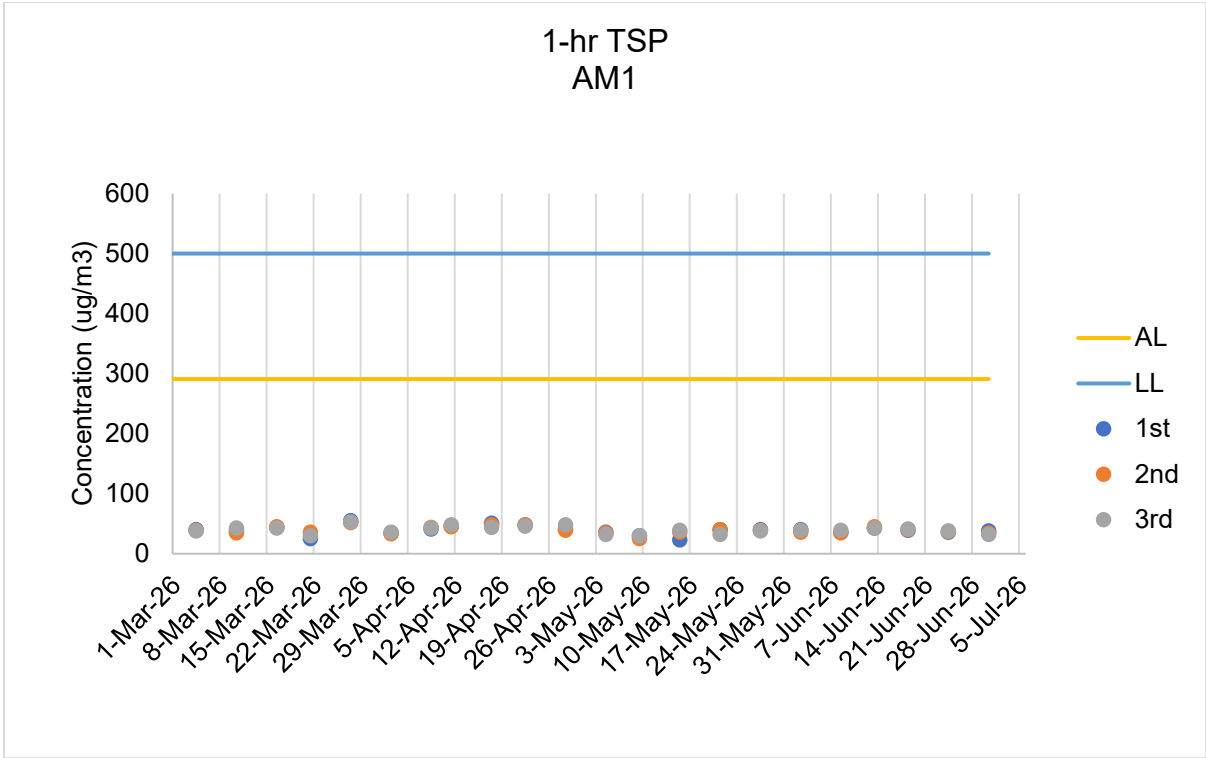
			1-hour TSP (µg/m³)			Action Level (ug/m³)	Limit Level (ug/m³)
Date	Weather Condition	Start Time	1st Measurement	2nd Measurement	3rd Measurement		
2/6/2026	Fine	8:02	40	36	39	291	500
8/6/2026	Fine	8:18	36	35	39		
13/6/2026	Fine	8:09	43	45	43		
18/6/2026	Cloudy	8:09	39	40	41		
24/6/2026	Fine	8:33	36	37	38		
30/6/2026	Fine	8:21	38	34	32		
		Min	32				
		Max	45				
		Average	38				

AM2 - Squatter house at the west of Yuen Long STW

			1-hour TSP (µg/m³)			Action Level (ug/m³)	Limit Level (ug/m³)
Date	Weather Condition	Start Time	1st Measurement	2nd Measurement	3rd Measurement		
2/6/2026	Fine	13:04	41	39	39	296	500
8/6/2026	Fine	13:23	38	35	36		
13/6/2026	Fine	13:45	39	40	40		
18/6/2026	Cloudy	13:45	36	38	35		
24/6/2026	Fine	13:50	40	41	39		
30/6/2026	Fine	13:44	40	41	43		
			Min				
			Max				
			Average				

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)
2/6/2026	9:26	56.5	58.6	54.6	2.2	Fine	75
8/6/2026	9:37	58.5	59.4	55.6	2.8	Fine	75
18/6/2026	9:28	57.6	59.8	56.1	0.0	Cloudy	75
24/6/2026	9:51	60.5	62.1	57.5	0.8	Fine	75
30/6/2026	9:41	59.2	61.5	56.5	0.8	Fine	75
	Max	60.5					
	Min	56.5					

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)
2/6/2026	8:15	56.2	58.5	55.6	0.0	Fine	75
8/6/2026	8:27	55.6	57.4	53.3	0.0	Fine	75
18/6/2026	8:18	56.5	58.6	53.3	0.0	Cloudy	75
24/6/2026	8:41	58.5	59.5	55.3	0.9	Fine	75
30/6/2026	8:28	57.6	59.1	55.2	0.8	Fine	75
	Max	58.5					
	Min	55.6					

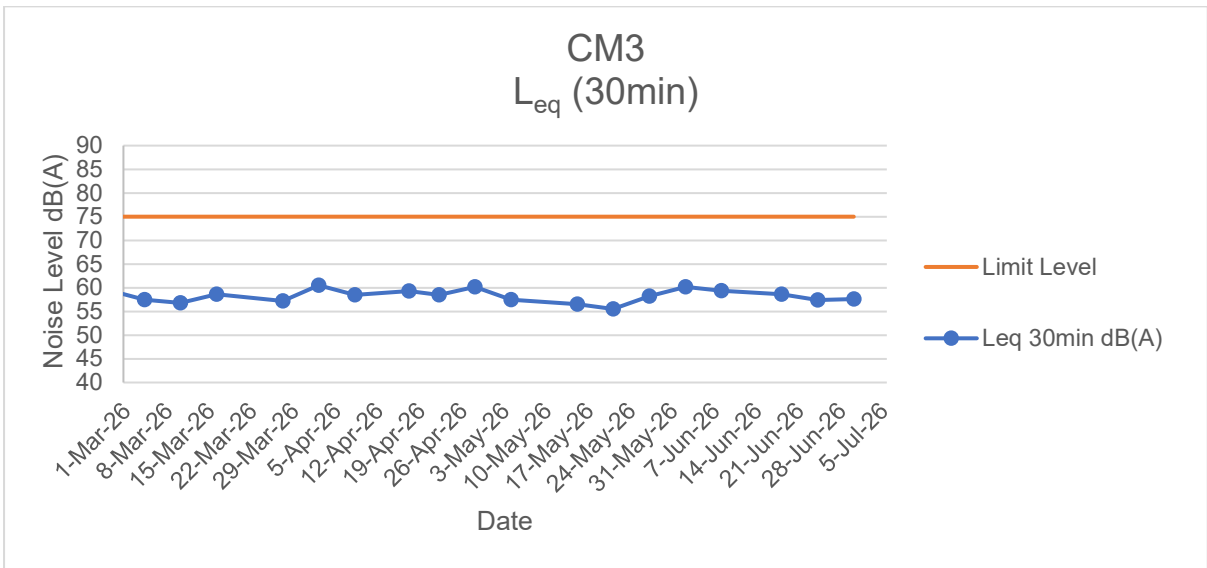
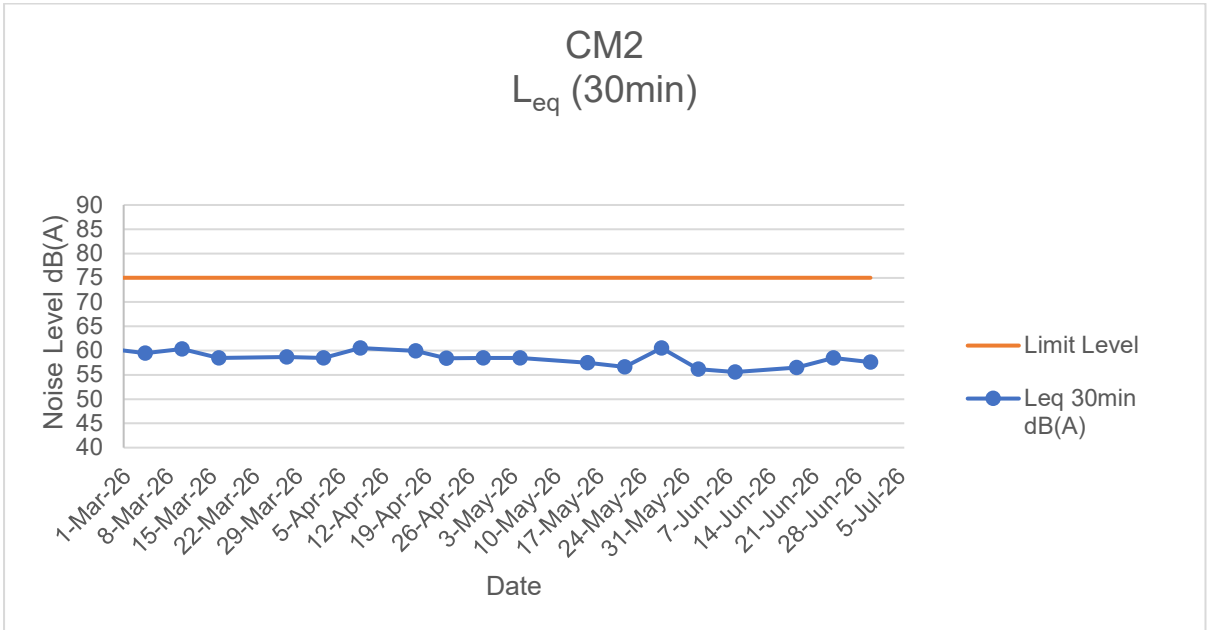
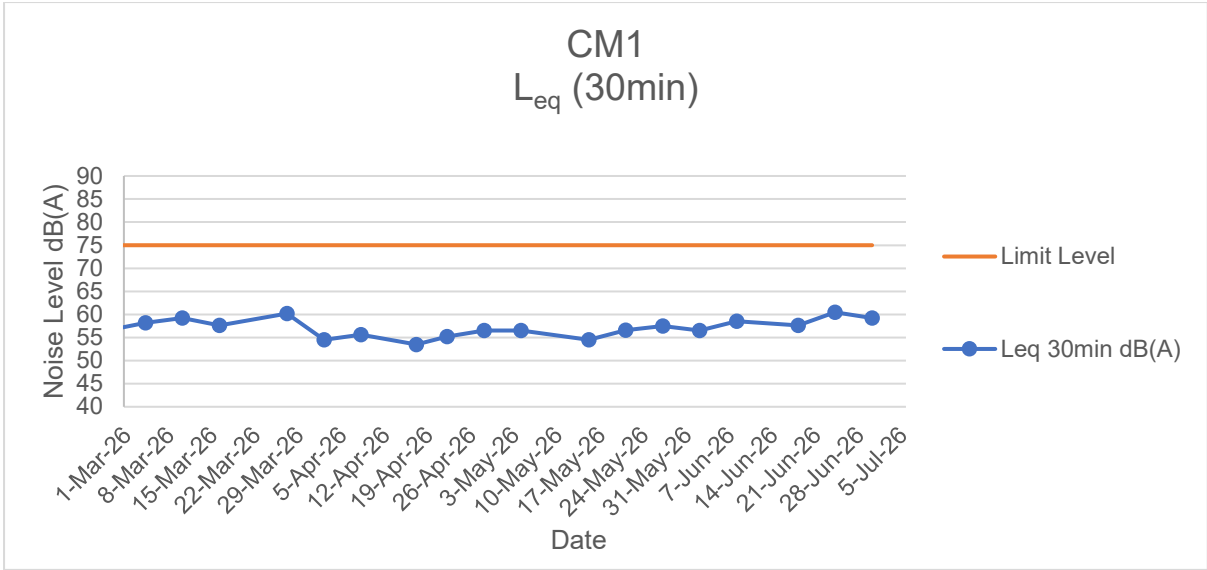
CM3 - Squatter house to the east of YLSTW

Date	Start Time	L _{eq} 30min dB(A)	L ₁₀ dB(A)	L ₉₀ dB(A)	Wind Speed (m/s)	Weather	Limit Level dB(A)
2/6/2026	10:34	60.2	62.1	58.5	1.7	Fine	75
8/6/2026	10:46	59.4	60.3	56.6	0.8	Fine	75
18/6/2026	10:37	58.6	60.4	56.4	0.3	Cloudy	75
24/6/2026	10:59	57.4	59.2	56.1	0.9	Fine	75
30/6/2026	10:52	57.6	60.2	55.2	1.7	Fine	75
	Max	60.2					
	Min	57.4					

Note:

CM1, CM2 and CM3: Free-field measurement (+3dB(A) correction has been applied).

No raining or wind with speed over 5 m/s was observed during noise monitoring according to the onsite observation.



Noise Monitoring Results

Water Quality Monitoring Results

Contract No. SPW 01/2025 Environmental Team for Construction of Yuen Long Effluent
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement														Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	2/6/2026	Mid-Flood	Sunny	Low	14:28	2.4	M	1.20	1	0.075	189.1	7.12	7.11	3.03	3.06	27.1	27.10	37.7	36.95	2.75	2.70	22.48	22.635	30	31
M1	2/6/2026	Mid-Flood	Sunny	Low	14:28	2.4	M	1.20	2			7.1		3.08		27.1		36.2		2.64		22.79		32	
M2	2/6/2026	Mid-Flood	Sunny	Low	14:52	2.2	M	1.10	1	0.084	172.515	7.11	7.11	2.88	2.92	27.1	27.10	38.5	38.70	2.81	2.83	21.49	21.615	34	33
M2	2/6/2026	Mid-Flood	Sunny	Low	14:52	2.2	M	1.10	2			7.11		2.96		27.1		38.9		2.84		21.74		32	
M3	2/6/2026	Mid-Flood	Sunny	Low	15:17	1.9	M	0.95	1	0.073	169.537	7.14	7.14	3.37	3.34	27.1	27.10	53.2	52.35	3.88	3.82	33.34	33.27	33	32
M3	2/6/2026	Mid-Flood	Sunny	Low	15:17	1.9	M	0.95	2			7.13		3.31		27.1		51.5		3.76		33.2		30	
M1	2/6/2026	Mid-Ebb	Sunny	Low	9:26	2.4	M	1.20	1	0.077	320.399	7.12	7.13	2.76	2.77	26.6	26.65	38.4	37.70	2.8	2.75	21.21	21.08	31	32
M1	2/6/2026	Mid-Ebb	Sunny	Low	9:26	2.4	M	1.20	2			7.13		2.78		26.7		37.0		2.7		20.95		32	
M2	2/6/2026	Mid-Ebb	Sunny	Low	9:03	2.1	M	1.05	1	0.067	312.198	7.12	7.12	2.75	2.77	26.6	26.60	39.5	38.95	2.88	2.84	21.75	21.8	32	32
M2	2/6/2026	Mid-Ebb	Sunny	Low	9:03	2.1	M	1.05	2			7.11		2.78		26.6		38.4		2.8		21.85		32	
M3	2/6/2026	Mid-Ebb	Sunny	Low	9:51	1.8	M	0.90	1	0.074	321.507	7.17	7.17	3.42	3.40	26.6	26.60	50.8	50.80	3.71	3.71	33.67	33.7	37	34
M3	2/6/2026	Mid-Ebb	Sunny	Low	9:51	1.8	M	0.90	2			7.17		3.38		26.6		50.8		3.71		33.73		30	

Remark

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

For Flood Tide

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

For Ebb Tide

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

Contract No. SPW 01/2025 Environmental Team for Construction of Yuen Long Effluent
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement														Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	4/6/2026	Mid-Flood	Sunny	Low	15:41	2.5	M	1.25	1	0.078	164.493	7.11	7.12	3.01	2.99	26.8	26.80	38.5	39.05	2.81	2.85	20.44	20.5	32	31
M1	4/6/2026	Mid-Flood	Sunny	Low	15:41	2.5	M	1.25	2			7.12		2.97		26.8		39.6		2.89		20.56		30	
M2	4/6/2026	Mid-Flood	Sunny	Low	16:06	2.3	M	1.15	1	0.091	184.578	7.13	7.13	2.86	2.86	26.8	26.85	39.6	38.85	2.89	2.84	21.83	21.99	27	28
M2	4/6/2026	Mid-Flood	Sunny	Low	16:06	2.3	M	1.15	2			7.13		2.85		26.9		38.1		2.78		22.15		28	
M3	4/6/2026	Mid-Flood	Sunny	Low	16:31	1.9	M	0.95	1	0.079	189.796	7.14	7.14	3.25	3.24	26.8	26.85	50.6	51.25	3.69	3.74	33.46	33.27	30	30
M3	4/6/2026	Mid-Flood	Sunny	Low	16:31	1.9	M	0.95	2			7.14		3.23		26.9		51.9		3.79		33.08		29	
M1	4/6/2026	Mid-Ebb	Sunny	Low	8:34	2.4	M	1.20	1	0.078	310.181	7.11	7.11	2.76	2.79	26.3	26.30	37.9	37.70	2.77	2.76	20.55	20.6	30	30
M1	4/6/2026	Mid-Ebb	Sunny	Low	8:34	2.4	M	1.20	2			7.11		2.82		26.3		37.5		2.74		20.65		29	
M2	4/6/2026	Mid-Ebb	Sunny	Low	8:09	2.1	M	1.05	1	0.058	307.723	7.11	7.11	2.81	2.84	26.3	26.30	39.9	39.60	2.91	2.89	21.61	21.41	30	30
M2	4/6/2026	Mid-Ebb	Sunny	Low	8:09	2.1	M	1.05	2			7.11		2.86		26.3		39.3		2.87		21.21		30	
M3	4/6/2026	Mid-Ebb	Sunny	Low	8:59	1.8	M	0.90	1	0.072	314.237	7.17	7.18	3.56	3.54	26.3	26.35	52.3	51.75	3.82	3.78	32.58	32.7	29	29
M3	4/6/2026	Mid-Ebb	Sunny	Low	8:59	1.8	M	0.90	2			7.18		3.52		26.4		51.2		3.74		32.82		28	

Remark

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For Flood Tide

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

For Ebb Tide

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

Contract No. SPW 01/2025 Environmental Team for Construction of Yuen Long Effluent
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement														Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	6/6/2026	Mid-Flood	Cloudy	Low	16:59	2.4	M	1.20	1	0.075	183.781	7.11	7.11	2.95	2.94	27.1	27.10	37.4	37.00	2.73	2.70	21.99	22.055	29	29
M1	6/6/2026	Mid-Flood	Cloudy	Low	16:59	2.4	M	1.20	2			7.1		2.92		27.1		36.6		2.67		22.12		28	
M2	6/6/2026	Mid-Flood	Cloudy	Low	17:23	2.2	M	1.10	1	0.095	189.449	7.13	7.13	2.86	2.88	27.1	27.15	38.6	37.80	2.82	2.76	22.55	22.475	28	30
M2	6/6/2026	Mid-Flood	Cloudy	Low	17:23	2.2	M	1.10	2			7.12		2.9		27.2		37.0		2.7		22.4		31	
M3	6/6/2026	Mid-Flood	Cloudy	Low	17:48	1.9	M	0.95	1	0.086	163.887	7.14	7.15	3.36	3.35	27.1	27.10	54.3	54.60	3.96	3.99	29.45	29.505	29	29
M3	6/6/2026	Mid-Flood	Cloudy	Low	17:48	1.9	M	0.95	2			7.16		3.34		27.1		54.9		4.01		29.56		28	
M1	6/6/2026	Mid-Ebb	Cloudy	Low	10:03	2.4	M	1.20	1	0.073	302.294	7.13	7.14	2.69	2.68	27.3	27.30	37.8	37.55	2.76	2.74	22.45	22.51	30	30
M1	6/6/2026	Mid-Ebb	Cloudy	Low	10:03	2.4	M	1.20	2			7.15		2.67		27.3		37.3		2.72		22.57		30	
M2	6/6/2026	Mid-Ebb	Cloudy	Low	9:38	2.1	M	1.05	1	0.078	326.16	7.11	7.10	2.73	2.70	27.3	27.35	38.5	38.50	2.81	2.81	21.81	21.79	29	29
M2	6/6/2026	Mid-Ebb	Cloudy	Low	9:38	2.1	M	1.05	2			7.09		2.66		27.4		38.5		2.81		21.77		29	
M3	6/6/2026	Mid-Ebb	Cloudy	Low	10:26	1.8	M	0.90	1	0.071	300.871	7.17	7.17	3.57	3.61	27.3	27.30	54.3	54.05	3.96	3.95	29.44	29.45	29	29
M3	6/6/2026	Mid-Ebb	Cloudy	Low	10:26	1.8	M	0.90	2			7.16		3.65		27.3		53.8		3.93		29.46		28	

Remark

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For Flood Tide

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

For Ebb Tide

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

Contract No. SPW 01/2025 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	9/6/2026	Mid-Flood	Cloudy	Low	8:19	2.5	M	1.25	1	0.092	181.606	7.11	7.12	2.90	2.87	27.3	27.35	42.1	41.75	3.07	3.05	19.88	19.96	21	21
M1	9/6/2026	Mid-Flood	Cloudy	Low	8:19	2.5	M	1.25	2			7.12		2.84		27.4		41.4		3.02		20.04		21	
M2	9/6/2026	Mid-Flood	Cloudy	Low	8:44	2.3	M	1.15	1	0.084	180.185	7.13	7.12	2.89	2.88	27.3	27.30	41.8	41.95	3.05	3.06	19.15	19.13	21	18
M2	9/6/2026	Mid-Flood	Cloudy	Low	8:44	2.3	M	1.15	2			7.11		2.86		27.3		42.1		3.07		19.11		15	
M3	9/6/2026	Mid-Flood	Cloudy	Low	9:09	1.9	M	0.95	1	0.094	185.489	7.16	7.17	3.36	3.37	27.3	27.30	56.3	55.75	4.11	4.07	26.55	26.545	21	22
M3	9/6/2026	Mid-Flood	Cloudy	Low	9:09	1.9	M	0.95	2			7.18		3.37		27.3		55.2		4.03		26.54		22	
M1	9/6/2026	Mid-Ebb	Cloudy	Low	13:45	2.4	M	1.20	1	0.067	309.479	7.13	7.13	2.72	2.75	27.6	27.60	41.8	41.20	3.05	3.01	20.22	20.35	21	23
M1	9/6/2026	Mid-Ebb	Cloudy	Low	13:45	2.4	M	1.20	2			7.13		2.78		27.6		40.6		2.96		20.48		24	
M2	9/6/2026	Mid-Ebb	Cloudy	Low	13:20	2.1	M	1.05	1	0.069	327.203	7.11	7.11	2.78	2.81	27.6	27.65	41.0	41.00	2.99	2.99	20.11	20.115	23	24
M2	9/6/2026	Mid-Ebb	Cloudy	Low	13:20	2.1	M	1.05	2			7.1		2.83		27.7		41.0		2.99		20.12		25	
M3	9/6/2026	Mid-Ebb	Cloudy	Low	14:10	1.8	M	0.90	1	0.065	301.392	7.17	7.16	3.47	3.49	27.6	27.60	55.2	55.40	4.03	4.05	27.55	27.37	26	20
M3	9/6/2026	Mid-Ebb	Cloudy	Low	14:10	1.8	M	0.90	2			7.15		3.51		27.6		55.6		4.06		27.19		14	

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For Flood Tide

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

For Ebb Tide

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

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Water Quality Monitoring Results

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										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	11/6/2026	Mid-Flood	Cloudy	Low	9:53	2.3	M	1.15	1	0.085	168.095	7.13	7.13	3.06	3.04	27.4	27.45	39.8	39.65	2.86	2.85	21.11	21.29	24	19
M1	11/6/2026	Mid-Flood	Cloudy	Low	9:53	2.3	M	1.15	2			7.12		3.02		27.5		39.5		2.84		21.47		13	
M2	11/6/2026	Mid-Flood	Cloudy	Low	10:18	2.2	M	1.10	1	0.082	173.677	7.13	7.13	2.87	2.84	27.4	27.40	40.4	39.60	2.91	2.85	20.55	20.35	25	20
M2	11/6/2026	Mid-Flood	Cloudy	Low	10:18	2.2	M	1.10	2			7.13		2.8		27.4		38.8		2.79		20.15		14	
M3	11/6/2026	Mid-Flood	Cloudy	Low	10:43	2	M	1.00	1	0.077	183.067	7.15	7.15	3.35	3.38	27.4	27.45	55.3	54.40	3.98	3.92	33.58	33.585	21	22
M3	11/6/2026	Mid-Flood	Cloudy	Low	10:43	2	M	1.00	2			7.15		3.41		27.5		53.5		3.85		33.59		22	
M1	11/6/2026	Mid-Ebb	Cloudy	Low	16:39	2.4	M	1.20	1	0.081	325.1	7.12	7.11	2.76	2.73	27.8	27.85	40.4	41.00	2.91	2.95	20.47	20.58	23	23
M1	11/6/2026	Mid-Ebb	Cloudy	Low	16:39	2.4	M	1.20	2			7.1		2.69		27.9		41.6		2.99		20.69		22	
M2	11/6/2026	Mid-Ebb	Cloudy	Low	16:14	2	M	1.00	1	0.073	337.647	7.12	7.13	2.73	2.73	27.8	27.85	38.1	38.70	2.74	2.79	21.11	20.925	14	17
M2	11/6/2026	Mid-Ebb	Cloudy	Low	16:14	2	M	1.00	2			7.13		2.72		27.9		39.3		2.83		20.74		20	
M3	11/6/2026	Mid-Ebb	Cloudy	Low	17:04	1.9	M	0.95	1	0.066	322.162	7.14	7.14	3.50	3.50	27.8	27.80	53.2	53.70	3.83	3.87	32.55	32.46	15	18
M3	11/6/2026	Mid-Ebb	Cloudy	Low	17:04	1.9	M	0.95	2			7.13		3.5		27.8		54.2		3.9		32.37		20	

Remark

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

For Flood Tide

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

For Ebb Tide

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

Contract No. SPW 01/2025 Environmental Team for Construction of Yuen Long Effluent
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	13/6/2026	Mid-Flood	Cloudy	Low	11:30	2.4	M	1.20	1	0.09	174.398	7.13	7.12	2.99	2.96	26.9	26.90	40.0	40.25	2.86	2.88	23.55	23.54	14	16
M1	13/6/2026	Mid-Flood	Cloudy	Low	11:30	2.4	M	1.20	2			7.11		2.93		26.9		40.5		2.89		23.53		18	
M2	13/6/2026	Mid-Flood	Cloudy	Low	11:51	2.2	M	1.10	1	0.083	163.056	7.11	7.10	2.88	2.90	26.9	26.90	38.8	38.50	2.77	2.75	23.48	23.44	13	14
M2	13/6/2026	Mid-Flood	Cloudy	Low	11:51	2.2	M	1.10	2			7.09		2.92		26.9		38.2		2.73		23.4		14	
M3	13/6/2026	Mid-Flood	Cloudy	Low	12:16	1.9	M	0.95	1	0.076	167.564	7.17	7.18	3.43	3.40	26.9	26.90	51.7	52.30	3.69	3.74	35.34	35.335	15	18
M3	13/6/2026	Mid-Flood	Cloudy	Low	12:16	1.9	M	0.95	2			7.19		3.37		26.9		52.9		3.78		35.33		21	
M1	13/6/2026	Mid-Ebb	Cloudy	Low	16:54	2.4	M	1.20	1	0.079	301.566	7.12	7.11	2.73	2.71	26.6	26.60	38.9	39.20	2.78	2.80	24.44	24.295	21	18
M1	13/6/2026	Mid-Ebb	Cloudy	Low	16:54	2.4	M	1.20	2			7.1		2.69		26.6		39.5		2.82		24.15		15	
M2	13/6/2026	Mid-Ebb	Cloudy	Low	16:29	2.1	M	1.05	1	0.058	316.972	7.13	7.13	2.70	2.75	26.6	26.60	38.6	37.65	2.76	2.69	25.10	24.94	20	18
M2	13/6/2026	Mid-Ebb	Cloudy	Low	16:29	2.1	M	1.05	2			7.13		2.79		26.6		36.7		2.62		24.78		15	
M3	13/6/2026	Mid-Ebb	Cloudy	Low	17:19	1.8	M	0.90	1	0.081	310.496	7.14	7.13	3.56	3.54	26.6	26.60	52.8	51.75	3.77	3.70	33.38	33.49	15	20
M3	13/6/2026	Mid-Ebb	Cloudy	Low	17:19	1.8	M	0.90	2			7.12		3.52		26.6		50.7		3.62		33.6		24	

Remark

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For Flood Tide

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

For Ebb Tide

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

Contract No. SPW 01/2025 Environmental Team for Construction of Yuen Long Effluent
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	16/6/2026	Mid-Flood	Cloudy	Low	14:08	2.5	M	1.25	1	0.079	168.67	7.11	7.11	2.93	2.90	27.8	27.80	41.0	41.35	2.91	2.94	20.55	20.63	38	39
M1	16/6/2026	Mid-Flood	Cloudy	Low	14:08	2.5	M	1.25	2			7.11		2.87		27.8		41.7		2.96		20.71		40	
M2	16/6/2026	Mid-Flood	Cloudy	Low	14:33	2.3	M	1.15	1	0.093	184.204	7.12	7.11	2.81	2.82	27.8	27.85	43.6	42.75	3.09	3.03	22.00	21.905	37	37
M2	16/6/2026	Mid-Flood	Cloudy	Low	14:33	2.3	M	1.15	2			7.1		2.83		27.9		41.9		2.97		21.81		37	
M3	16/6/2026	Mid-Flood	Cloudy	Low	14:58	1.9	M	0.95	1	0.085	173.191	7.17	7.17	3.35	3.39	27.8	27.80	52.7	51.65	3.74	3.67	33.02	33.1	44	40
M3	16/6/2026	Mid-Flood	Cloudy	Low	14:58	1.9	M	0.95	2			7.16		3.42		27.8		50.6		3.59		33.18		35	
M1	16/6/2026	Mid-Ebb	Cloudy	Low	9:05	2.4	M	1.20	1	0.081	326.815	7.11	7.11	2.72	2.74	27.6	27.60	42.2	42.20	2.99	2.99	22.07	22.23	43	43
M1	16/6/2026	Mid-Ebb	Cloudy	Low	9:05	2.4	M	1.20	2			7.11		2.76		27.6		42.2		2.99		22.39		42	
M2	16/6/2026	Mid-Ebb	Cloudy	Low	8:40	2.1	M	1.05	1	0.06	306.916	7.13	7.14	2.69	2.72	27.6	27.60	40.6	39.95	2.88	2.84	21.31	21.22	35	36
M2	16/6/2026	Mid-Ebb	Cloudy	Low	8:40	2.1	M	1.05	2			7.15		2.74		27.6		39.3		2.79		21.13		37	
M3	16/6/2026	Mid-Ebb	Cloudy	Low	9:30	1.8	M	0.90	1	0.069	320.144	7.16	7.16	3.47	3.50	27.6	27.65	55.0	55.75	3.9	3.96	34.27	34.1	39	37
M3	16/6/2026	Mid-Ebb	Cloudy	Low	9:30	1.8	M	0.90	2			7.16		3.52		27.7		56.5		4.01		33.93		34	

Remark

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For Flood Tide

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

For Ebb Tide

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

Contract No. SPW 01/2025 Environmental Team for Construction of Yuen Long Effluent
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	18/6/2026	Mid-Flood	/	/	/	/	/	/	1	/	/	/	#####	/	#####	/	#####	/	#####	/	#####	/	#####		0
M1	18/6/2026	Mid-Flood	/	/	/	/	/	/	2			/	#####	/	#####	/	#####	/	#####	/	#####	/	#####		
M2	18/6/2026	Mid-Flood	/	/	/	/	/	/	1	/	/	/	#####	/	#####	/	#####	/	#####	/	#####	/	#####		0
M2	18/6/2026	Mid-Flood	/	/	/	/	/	/	2			/	#####	/	#####	/	#####	/	#####	/	#####	/	#####		
M3	18/6/2026	Mid-Flood	/	/	/	/	/	/	1	/	/	/	#####	/	#####	/	#####	/	#####	/	#####	/	#####		0
M3	18/6/2026	Mid-Flood	/	/	/	/	/	/	2			/	#####	/	#####	/	#####	/	#####	/	#####	/	#####		
M1	18/6/2026	Mid-Ebb	Cloudy	Low	8:36	2.4	M	1.20	1	0.075	343.633	7.11	7.10	2.77	2.79	27.1	27.15	37.1	37.75	2.71	2.76	17.55	17.375	33	35
M1	18/6/2026	Mid-Ebb	Cloudy	Low	8:36	2.4	M	1.20	2			7.09		2.8		27.2		38.4		2.8		17.2		36	
M2	18/6/2026	Mid-Ebb	Cloudy	Low	8:11	2	M	1.00	1	0.067	329.121	7.11	7.11	2.78	2.76	27.1	27.15	37.9	38.35	2.77	2.80	16.69	16.865	35	36
M2	18/6/2026	Mid-Ebb	Cloudy	Low	8:11	2	M	1.00	2			7.1		2.73		27.2		38.8		2.83		17.04		36	
M3	18/6/2026	Mid-Ebb	Cloudy	Low	9:02	1.9	M	0.95	1	0.058	337.699	7.17	7.18	3.55	3.58	27.1	27.15	54.5	53.60	3.98	3.92	23.95	23.82	32	33
M3	18/6/2026	Mid-Ebb	Cloudy	Low	9:02	1.9	M	0.95	2			7.19		3.6		27.2		52.7		3.85		23.69		34	

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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	#####	#####	81	112
M3(Impact Station)	3.28	3.14	#####	#####	104	167

For Ebb Tide

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

Contract No. SPW 01/2025 Environmental Team for Construction of Yuen Long Effluent
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	20/6/2026	Mid-Flood	Sunny	Low	17:14	2.4	M	1.20	1	0.091	186.224	7.13	7.13	3.03	3.02	26.6	26.60	41.3	40.80	2.89	2.86	19.99	20.17	38	38
M1	20/6/2026	Mid-Flood	Sunny	Low	17:14	2.4	M	1.20	2			7.13		3.01		26.6		40.3		2.82		20.35		37	
M2	20/6/2026	Mid-Flood	Sunny	Low	17:39	2.2	M	1.10	1	0.087	189.516	7.12	7.12	2.85	2.82	26.6	26.65	39.3	38.75	2.75	2.71	20.53	20.63	37	38
M2	20/6/2026	Mid-Flood	Sunny	Low	17:39	2.2	M	1.10	2			7.11		2.79		26.7		38.2		2.67		20.73		39	
M3	20/6/2026	Mid-Flood	Sunny	Low	18:04	1.9	M	0.95	1	0.091	172.405	7.14	7.13	3.40	3.42	26.6	26.65	54.3	53.25	3.8	3.73	30.38	30.36	38	37
M3	20/6/2026	Mid-Flood	Sunny	Low	18:04	1.9	M	0.95	2			7.12		3.43		26.7		52.2		3.65		30.34		35	
M1	20/6/2026	Mid-Ebb	Sunny	Low	10:31	2.4	M	1.20	1	0.08	344.321	7.12	7.13	2.71	2.71	26.5	26.50	39.6	39.70	2.77	2.78	20.16	20.27	43	44
M1	20/6/2026	Mid-Ebb	Sunny	Low	10:31	2.4	M	1.20	2			7.14		2.7		26.5		39.8		2.78		20.38		45	
M2	20/6/2026	Mid-Ebb	Sunny	Low	10:06	2.1	M	1.05	1	0.073	327.733	7.12	7.11	2.79	2.76	26.5	26.55	40.5	41.00	2.83	2.87	20.89	20.96	43	40
M2	20/6/2026	Mid-Ebb	Sunny	Low	10:06	2.1	M	1.05	2			7.1		2.73		26.6		41.5		2.9		21.03		37	
M3	20/6/2026	Mid-Ebb	Sunny	Low	10:56	1.8	M	0.90	1	0.061	313.653	7.14	7.14	3.60	3.60	26.5	26.55	55.5	55.40	3.88	3.88	31.11	31.285	39	36
M3	20/6/2026	Mid-Ebb	Sunny	Low	10:56	1.8	M	0.90	2			7.14		3.6		26.6		55.3		3.87		31.46		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 01/2025 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	23/6/2026	Mid-Flood	Sunny	Low	8:18	2.3	M	1.15	1	0.078	162.973	7.12	7.13	3.04	3.01	26.5	26.50	39.3	40.05	2.87	2.93	21.76	21.845	19	19
M1	23/6/2026	Mid-Flood	Sunny	Low	8:18	2.3	M	1.15	2			7.14		2.97		26.5		40.8		2.98		21.93		19	
M2	23/6/2026	Mid-Flood	Sunny	Low	8:41	2.2	M	1.10	1	0.074	174.937	7.12	7.13	2.82	2.87	26.5	26.50	40.0	39.05	2.92	2.85	21.07	21.135	20	20
M2	23/6/2026	Mid-Flood	Sunny	Low	8:41	2.2	M	1.10	2			7.13		2.91		26.5		38.1		2.78		21.2		20	
M3	23/6/2026	Mid-Flood	Sunny	Low	9:06	2	M	1.00	1	0.084	179.034	7.16	7.17	3.42	3.43	26.5	26.55	52.3	52.30	3.82	3.82	33.28	33.25	16	17
M3	23/6/2026	Mid-Flood	Sunny	Low	9:06	2	M	1.00	2			7.17		3.44		26.6		52.3		3.82		33.22		17	
M1	23/6/2026	Mid-Ebb	Sunny	Low	14:26	2.4	M	1.20	1	0.059	303.786	7.11	7.12	2.83	2.80	27.0	27.05	38.5	38.20	2.81	2.79	21.68	21.6	17	18
M1	23/6/2026	Mid-Ebb	Sunny	Low	14:26	2.4	M	1.20	2			7.13		2.77		27.1		37.9		2.77		21.52		18	
M2	23/6/2026	Mid-Ebb	Sunny	Low	14:02	2	M	1.00	1	0.076	342.529	7.12	7.11	2.78	2.80	27.0	27.00	37.1	36.50	2.71	2.67	20.86	20.64	18	18
M2	23/6/2026	Mid-Ebb	Sunny	Low	14:02	2	M	1.00	2			7.1		2.82		27.0		35.9		2.62		20.42		17	
M3	23/6/2026	Mid-Ebb	Sunny	Low	14:51	1.9	M	0.95	1	0.065	326.692	7.16	7.16	3.58	3.59	27.0	27.05	53.7	52.75	3.92	3.85	33.07	33.245	17	18
M3	23/6/2026	Mid-Ebb	Sunny	Low	14:51	1.9	M	0.95	2			7.15		3.6		27.1		51.8		3.78		33.42		18	

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 01/2025 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	25/6/2026	Mid-Flood	Cloudy	Low	10:06	2.6	M	1.30	1	0.087	179.898	7.11	7.12	2.97	2.97	27.1	27.15	38.9	38.75	2.84	2.83	20.88	20.92	20	20
M1	25/6/2026	Mid-Flood	Cloudy	Low	10:06	2.6	M	1.30	2			7.13		2.97		27.2		38.6		2.82		20.96		20	
M2	25/6/2026	Mid-Flood	Cloudy	Low	10:31	2.4	M	1.20	1	0.093	177.917	7.11	7.12	2.91	2.94	27.1	27.10	39.5	38.70	2.88	2.83	21.81	21.715	20	20
M2	25/6/2026	Mid-Flood	Cloudy	Low	10:31	2.4	M	1.20	2			7.13		2.96		27.1		37.9		2.77		21.62		19	
M3	25/6/2026	Mid-Flood	Cloudy	Low	10:56	2.1	M	1.05	1	0.091	171.466	7.17	7.16	3.44	3.43	27.1	27.15	51.9	52.45	3.79	3.83	31.35	31.4	21	21
M3	25/6/2026	Mid-Flood	Cloudy	Low	10:56	2.1	M	1.05	2			7.15		3.42		27.2		53.0		3.87		31.45		20	
M1	25/6/2026	Mid-Ebb	Cloudy	Low	17:38	2.5	M	1.25	1	0.079	342.375	7.13	7.13	2.79	2.83	27.0	27.00	39.3	38.60	2.87	2.82	22.23	22.225	19	19
M1	25/6/2026	Mid-Ebb	Cloudy	Low	17:38	2.5	M	1.25	2			7.13		2.87		27.0		37.9		2.77		22.22		18	
M2	25/6/2026	Mid-Ebb	Cloudy	Low	17:13	2.2	M	1.10	1	0.068	334.599	7.13	7.12	2.78	2.76	27.0	27.05	39.7	40.20	2.9	2.94	21.13	20.925	20	20
M2	25/6/2026	Mid-Ebb	Cloudy	Low	17:13	2.2	M	1.10	2			7.11		2.73		27.1		40.7		2.97		20.72		19	
M3	25/6/2026	Mid-Ebb	Cloudy	Low	18:03	2	M	1.00	1	0.064	310.326	7.15	7.16	3.61	3.60	27.0	27.00	52.3	52.40	3.82	3.83	29.14	29.035	17	17
M3	25/6/2026	Mid-Ebb	Cloudy	Low	18:03	2	M	1.00	2			7.17		3.59		27.0		52.5		3.83		28.93		17	

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.
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For Flood Tide

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

For Ebb Tide

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

Contract No. SPW 01/2025 Environmental Team for Construction of Yuen Long Effluent
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	27/6/2026	Mid-Flood	Cloudy	Low	11:36	2.4	M	1.20	1	0.08	165.198	7.12	7.13	2.95	3.00	27.5	27.55	40.7	40.75	2.97	2.98	25.55	25.345	19	19
M1	27/6/2026	Mid-Flood	Cloudy	Low	11:36	2.4	M	1.20	2			7.14		3.04		27.6		40.8		2.98		25.14		18	
M2	27/6/2026	Mid-Flood	Cloudy	Low	12:00	2.2	M	1.10	1	0.074	165.611	7.12	7.13	2.93	2.98	27.5	27.55	42.6	41.90	3.11	3.06	26.18	26.295	18	17
M2	27/6/2026	Mid-Flood	Cloudy	Low	12:00	2.2	M	1.10	2			7.13		3.02		27.6		41.2		3.01		26.41		16	
M3	27/6/2026	Mid-Flood	Cloudy	Low	12:25	1.9	M	0.95	1	0.088	180.858	7.17	7.18	3.34	3.33	27.5	27.55	58.2	57.20	4.25	4.18	39.52	39.615	11	14
M3	27/6/2026	Mid-Flood	Cloudy	Low	12:25	1.9	M	0.95	2			7.19		3.32		27.6		56.2		4.1		39.71		16	
M1	27/6/2026	Mid-Ebb	Cloudy	Low	17:17	2.4	M	1.20	1	0.064	330.364	7.12	7.12	2.69	2.68	27.2	27.20	44.0	43.90	3.21	3.21	26.11	26.105	19	18
M1	27/6/2026	Mid-Ebb	Cloudy	Low	17:17	2.4	M	1.20	2			7.11		2.66		27.2		43.8		3.2		26.1		17	
M2	27/6/2026	Mid-Ebb	Cloudy	Low	16:52	2.1	M	1.05	1	0.076	324.253	7.13	7.12	2.81	2.84	27.2	27.25	43.7	44.40	3.19	3.24	25.88	25.67	16	16
M2	27/6/2026	Mid-Ebb	Cloudy	Low	16:52	2.1	M	1.05	2			7.11		2.86		27.3		45.1		3.29		25.46		16	
M3	27/6/2026	Mid-Ebb	Cloudy	Low	17:44	1.8	M	0.90	1	0.069	301.039	7.14	7.13	3.50	3.50	27.2	27.25	59.0	59.65	4.31	4.36	39.11	38.895	18	18
M3	27/6/2026	Mid-Ebb	Cloudy	Low	17:44	1.8	M	0.90	2			7.12		3.49		27.3		60.3		4.4		38.68		17	

Remark

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For Flood Tide

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

For Ebb Tide

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

Contract No. SPW 01/2025 Environmental Team for Construction of Yuen Long Effluent
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	30/6/2026	Mid-Flood	Sunny	Low	13:40	2.5	M	1.25	1	0.079	173.562	7.11	7.10	2.92	2.96	27.5	27.50	40.1	40.45	2.93	2.96	21.84	21.99	62	62
M1	30/6/2026	Mid-Flood	Sunny	Low	13:40	2.5	M	1.25	2			7.09		3		27.5		40.8		2.98		22.14		62	
M2	30/6/2026	Mid-Flood	Sunny	Low	14:05	2.3	M	1.15	1	0.088	186.979	7.11	7.10	2.93	2.89	27.5	27.50	37.5	36.90	2.74	2.70	22.22	22.25	58	59
M2	30/6/2026	Mid-Flood	Sunny	Low	14:05	2.3	M	1.15	2			7.09		2.84		27.5		36.3		2.65		22.28		59	
M3	30/6/2026	Mid-Flood	Sunny	Low	14:33	1.9	M	0.95	1	0.093	173.459	7.15	7.15	3.44	3.47	27.5	27.50	52.7	52.95	3.85	3.87	33.35	33.52	71	67
M3	30/6/2026	Mid-Flood	Sunny	Low	14:33	1.9	M	0.95	2			7.15		3.5		27.5		53.2		3.88		33.69		63	
M1	30/6/2026	Mid-Ebb	Sunny	Low	8:35	2.4	M	1.20	1	0.063	310.428	7.12	7.11	2.69	2.71	27.0	27.05	39.2	39.10	2.86	2.86	22.49	22.315	65	64
M1	30/6/2026	Mid-Ebb	Sunny	Low	8:35	2.4	M	1.20	2			7.1		2.73		27.1		39.0		2.85		22.14		62	
M2	30/6/2026	Mid-Ebb	Sunny	Low	8:10	2.1	M	1.05	1	0.07	314.949	7.12	7.13	2.71	2.72	27.0	27.05	38.9	38.40	2.84	2.81	21.71	21.79	62	66
M2	30/6/2026	Mid-Ebb	Sunny	Low	8:10	2.1	M	1.05	2			7.13		2.73		27.1		37.9		2.77		21.87		70	
M3	30/6/2026	Mid-Ebb	Sunny	Low	9:03	1.8	M	0.90	1	0.08	331.351	7.14	7.14	3.58	3.60	27.0	27.05	52.7	52.15	3.85	3.81	31.58	31.615	63	66
M3	30/6/2026	Mid-Ebb	Sunny	Low	9:03	1.8	M	0.90	2			7.14		3.62		27.1		51.6		3.77		31.65		68	

Remark

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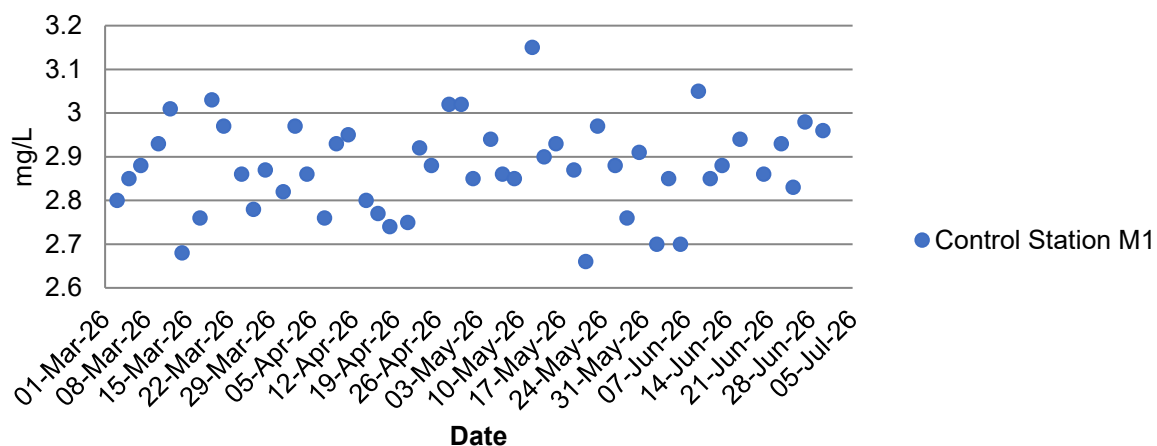
For Flood Tide

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

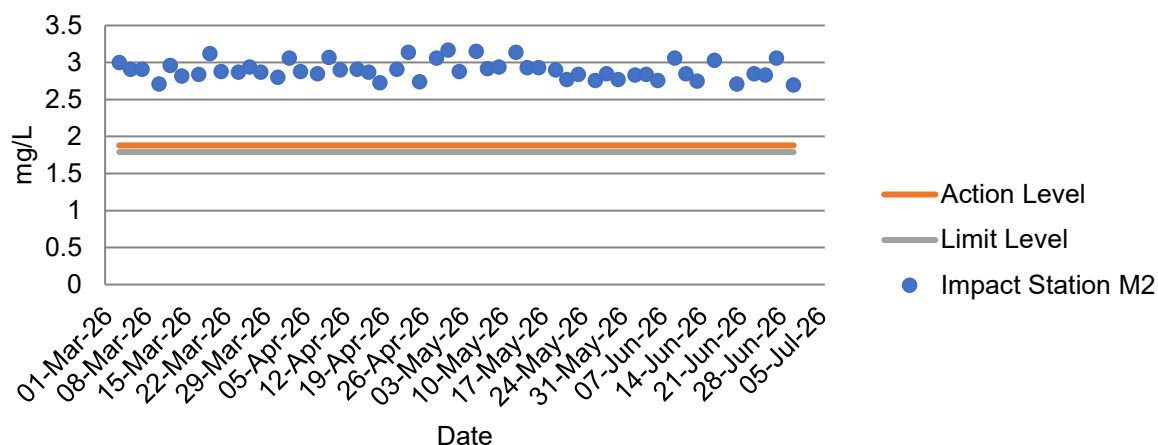
For Ebb Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M1(Impact Station)	2.25	1.91	48.4	50.4	78.9	85.475

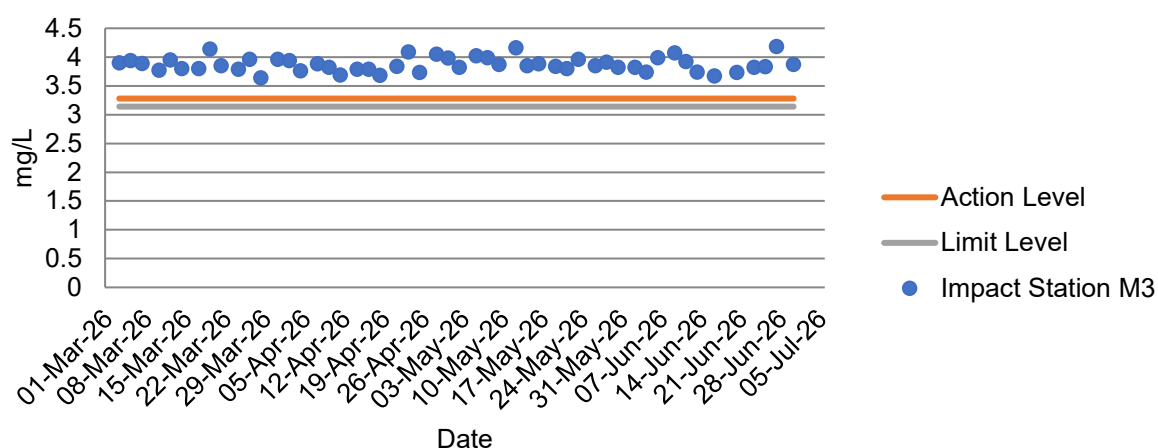
Dissolved Oxygen at Mid-Flood Tide



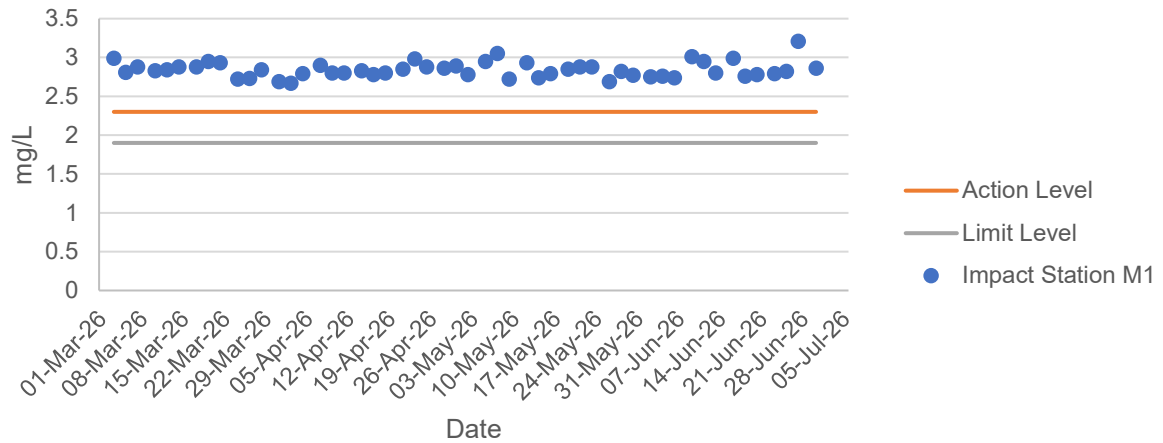
Dissolved Oxygen at Mid-Flood Tide



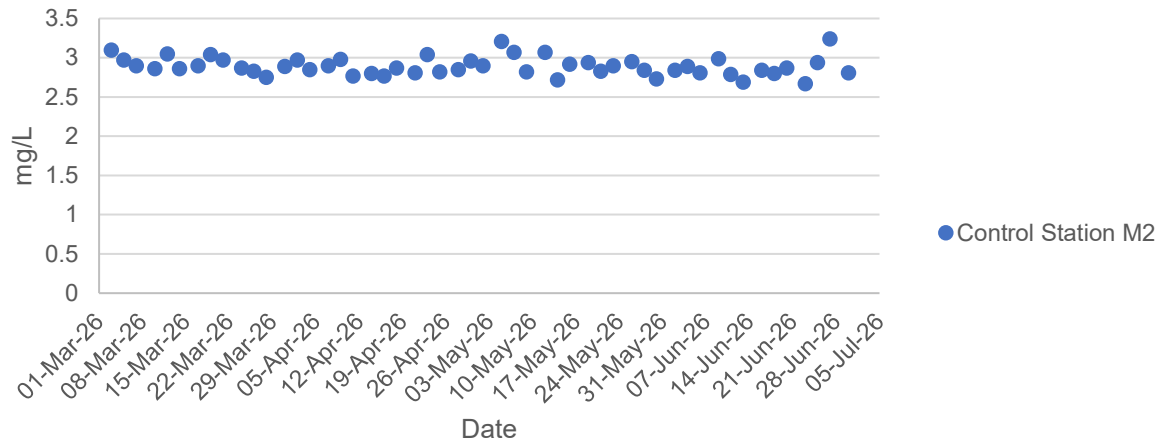
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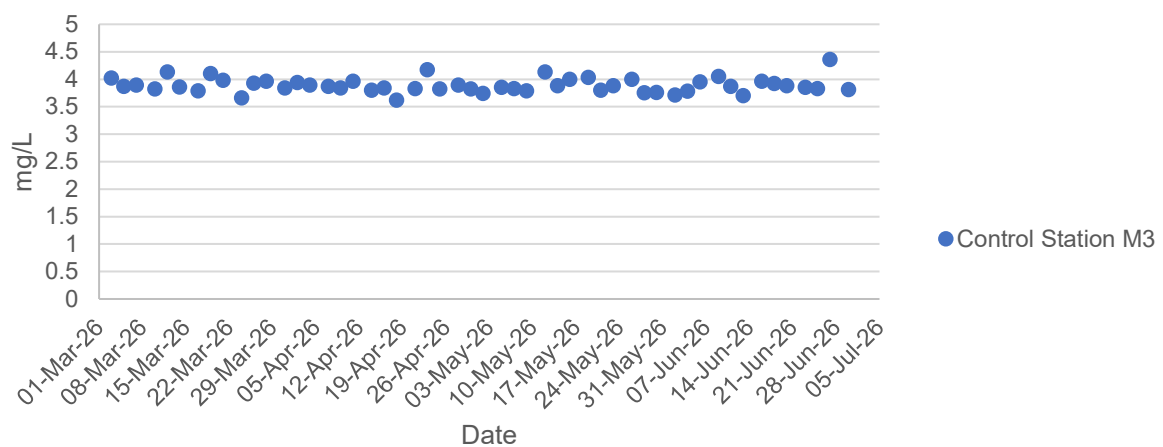
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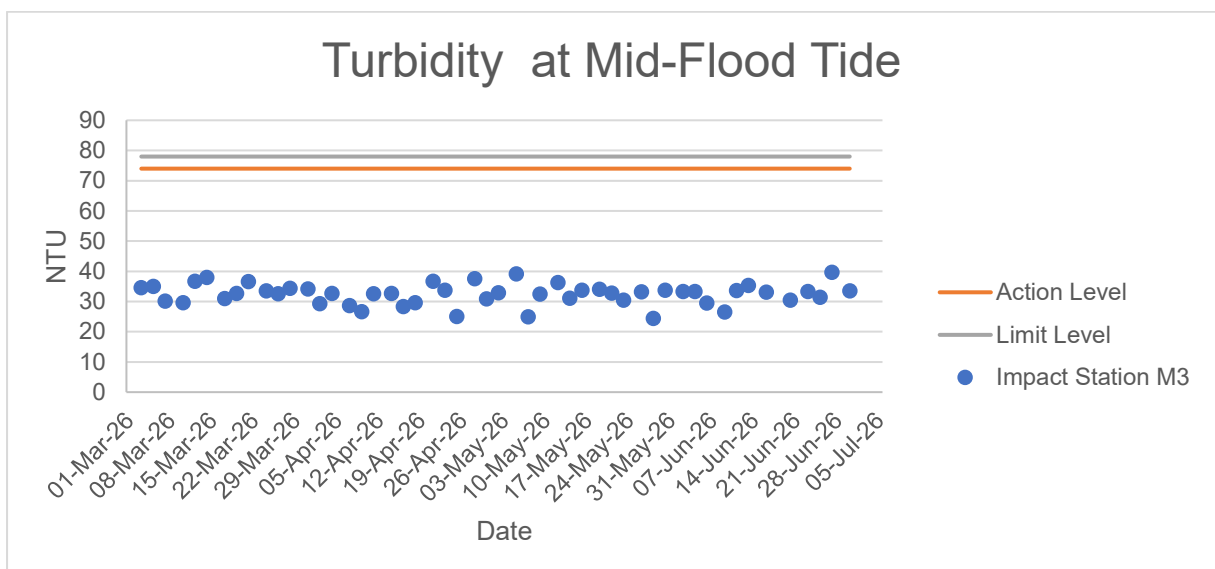
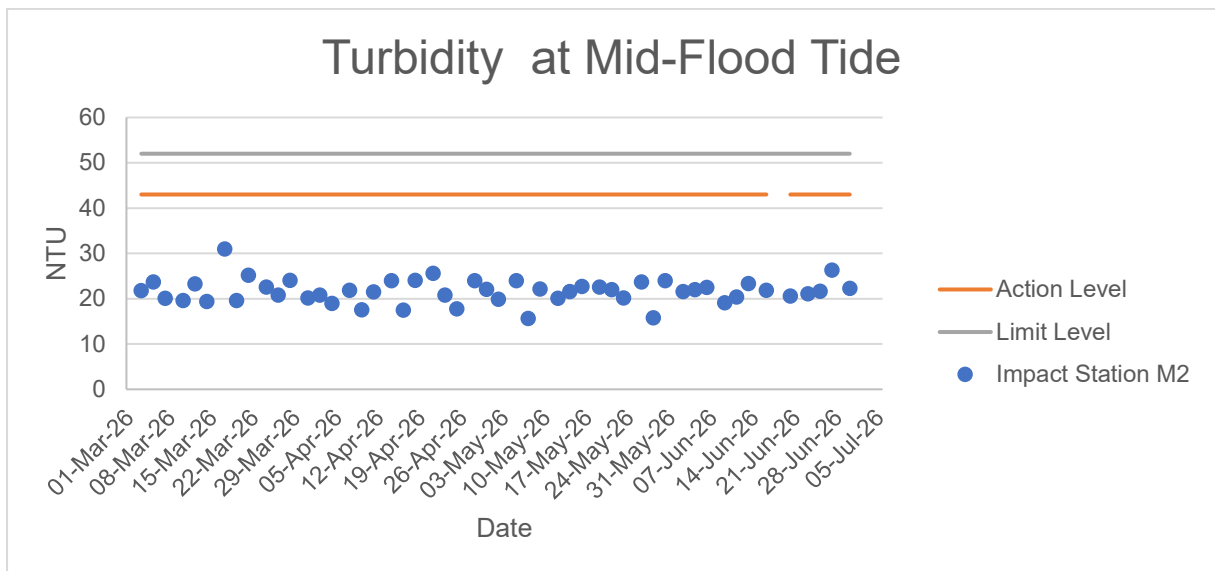
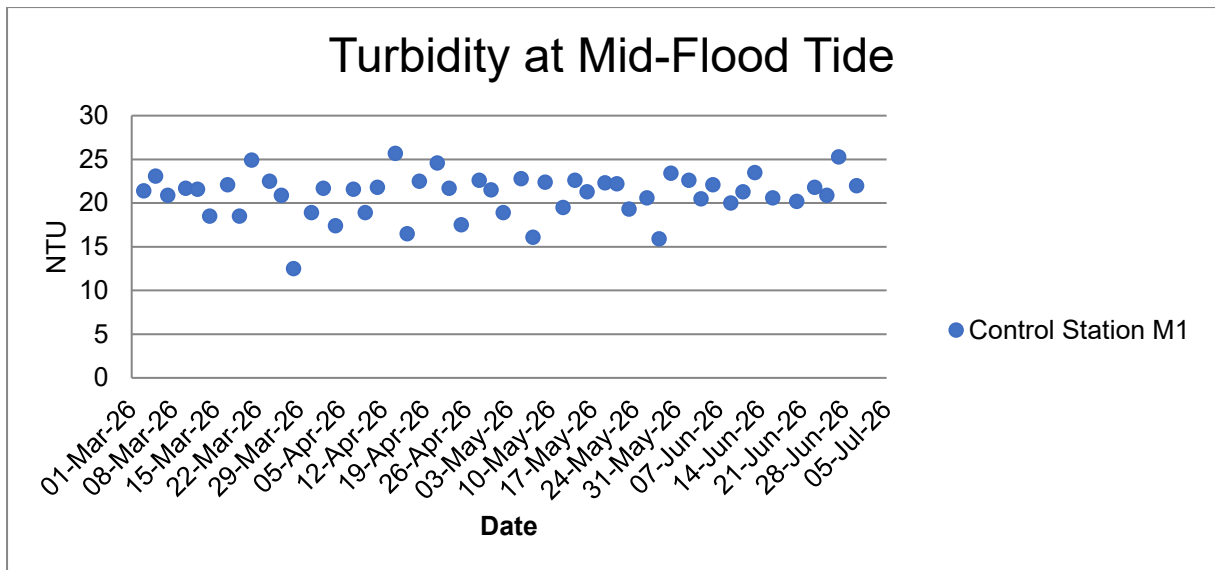


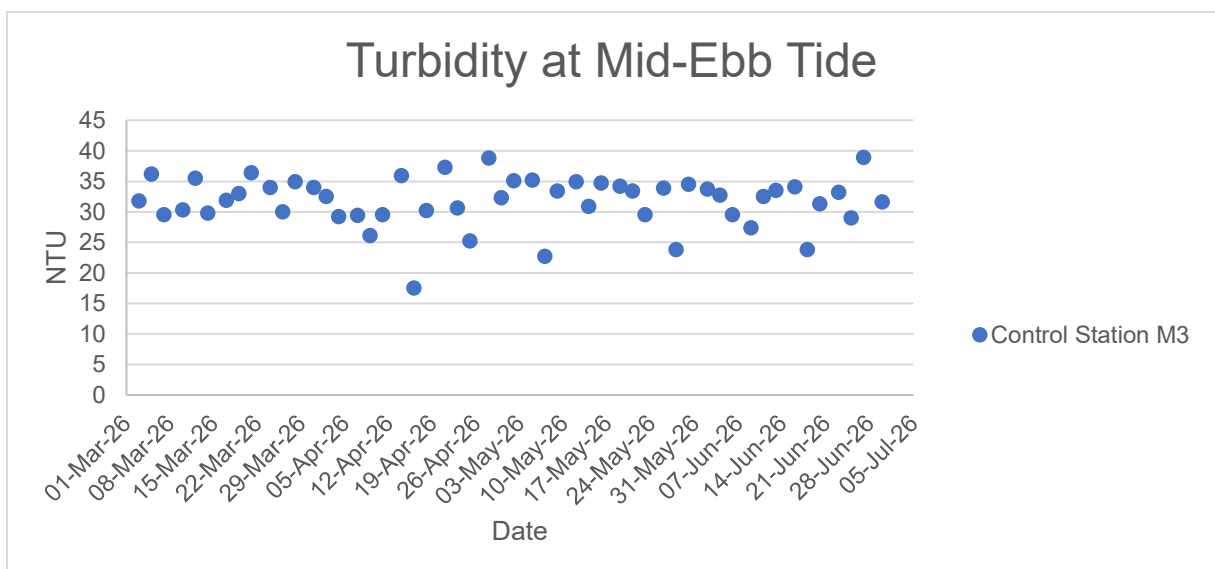
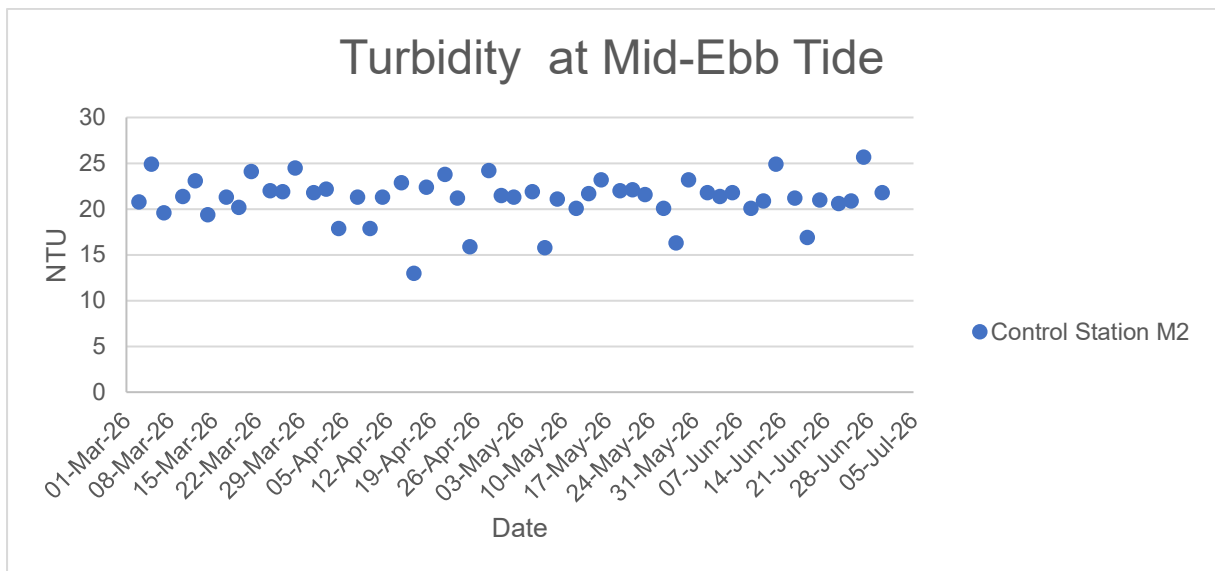
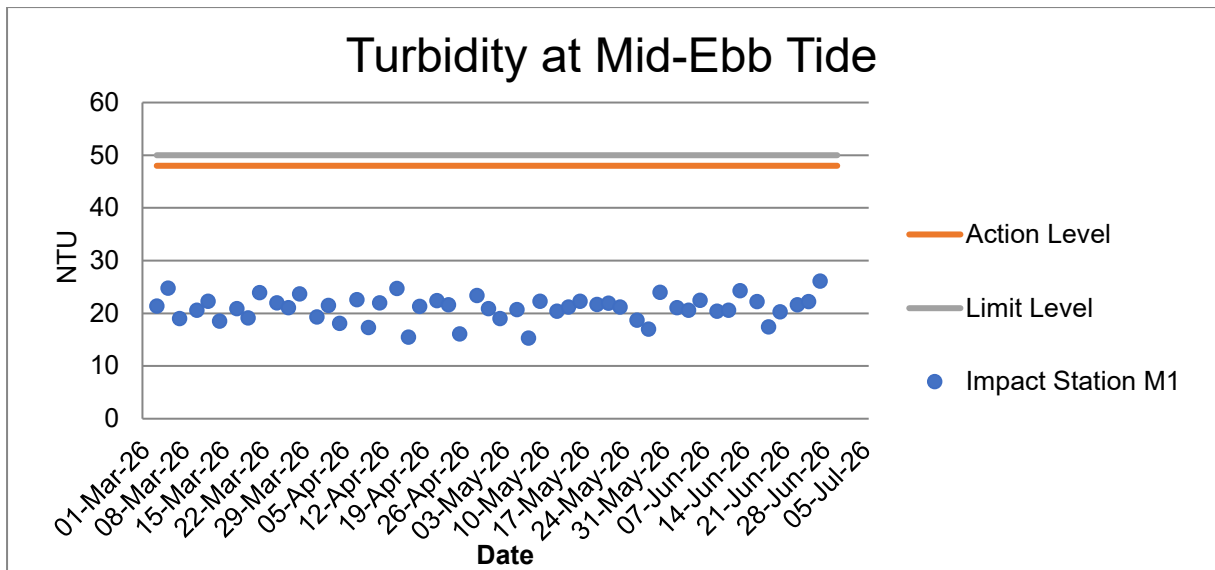
Dissolved Oxygen at Mid-Ebb Tide



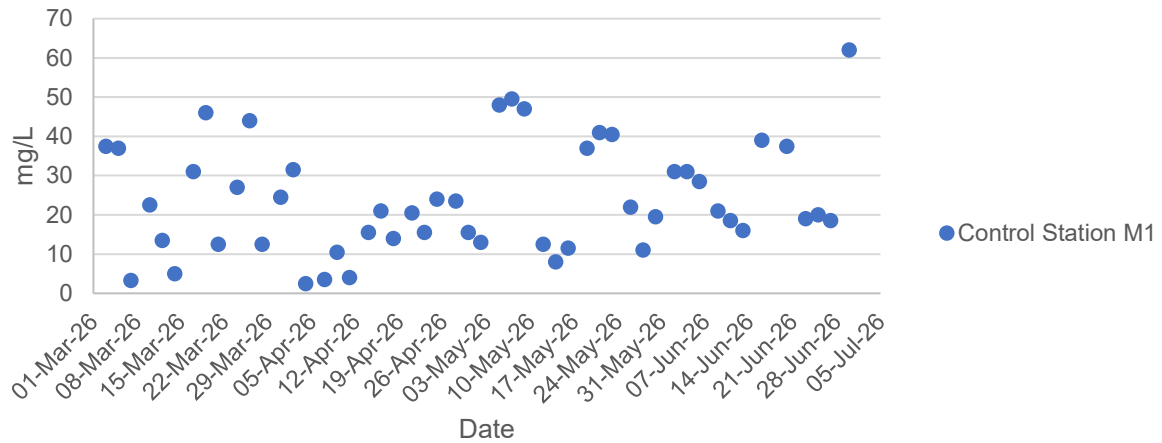
Dissolved Oxygen at Mid-Ebb Tide



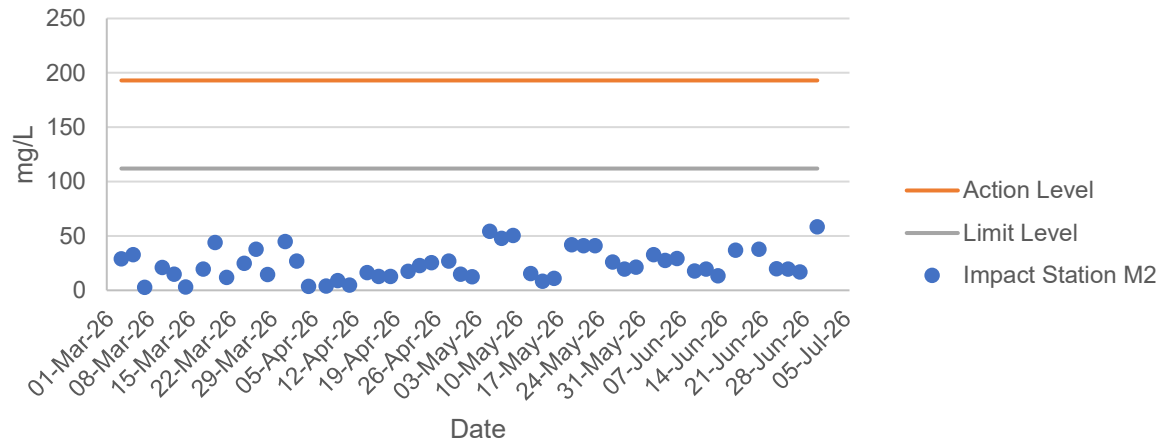




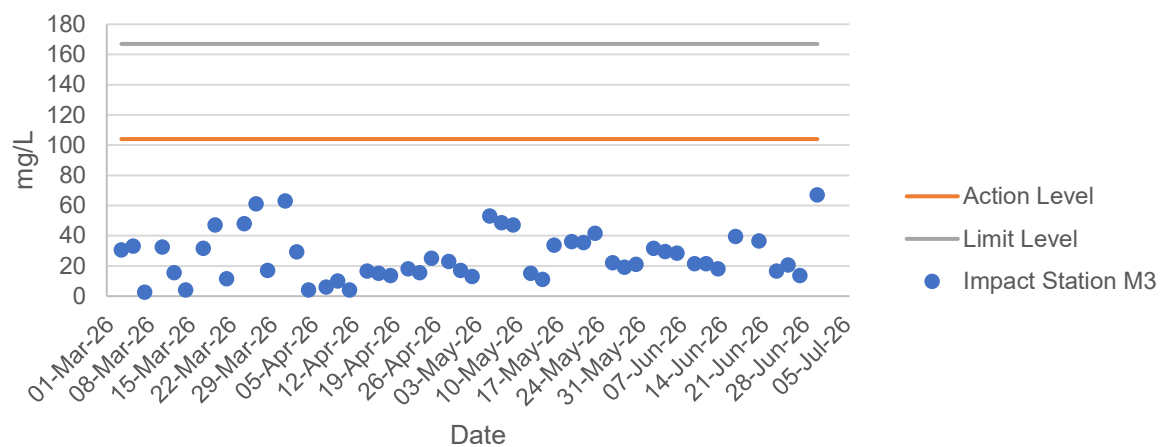
Total Suspended Solids at Mid-Flood Tide



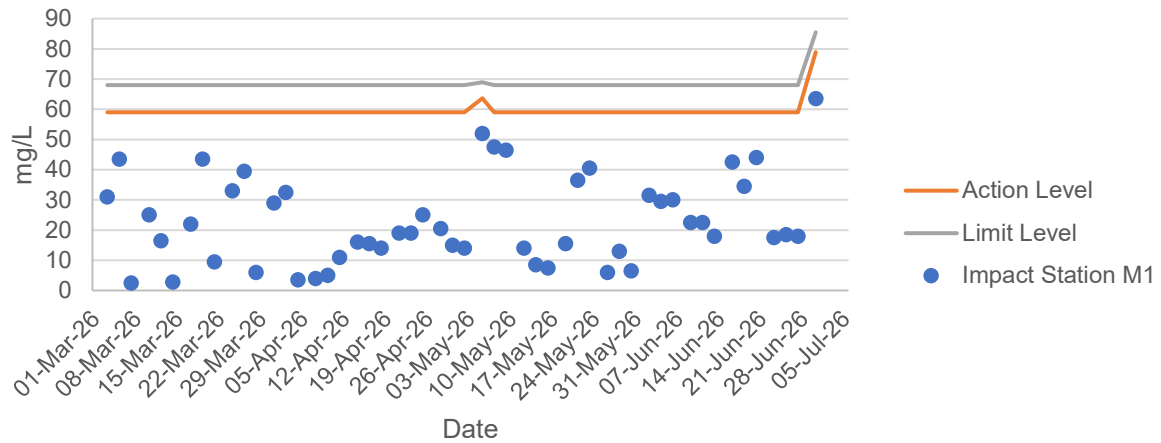
Total Suspended Solids at Mid-Flood Tide



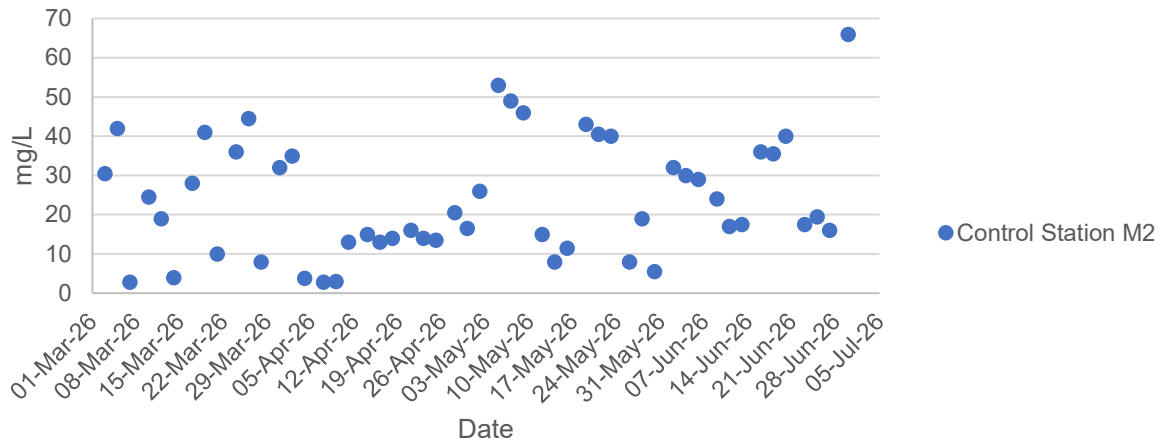
Total Suspended Solids at Mid-Flood Tide



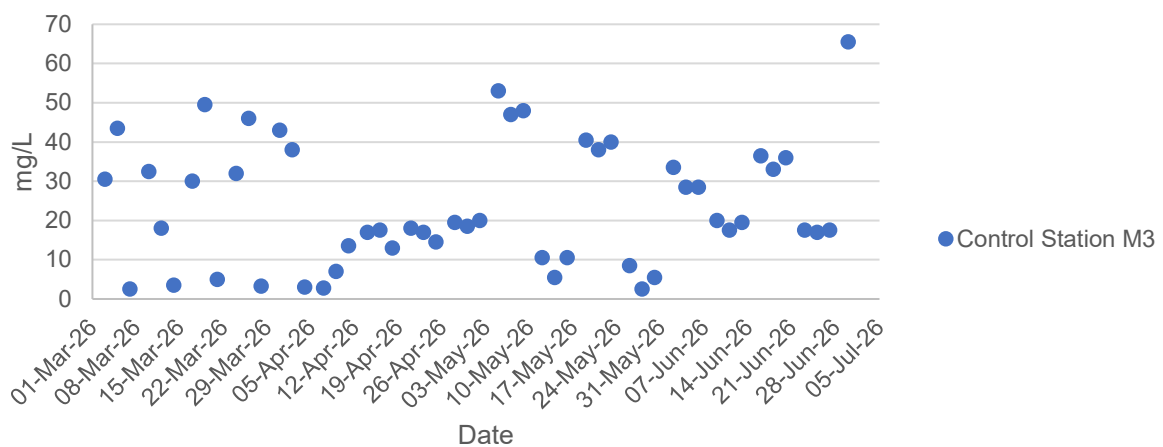
Total Suspended Solids at Mid-Ebb Tide



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 (05 & 17 June 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
05/06/2026	Daytime	Wet	FLW	Point Count	FLW2	Spotted Dove	<i>Spilopelia chinensis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW2	Plain Prinia	<i>Prinia inornata</i>	1	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW2	Black-collared Starling	<i>Gracupica nigricollis</i>	4	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW3	Little Egret	<i>Egretta garzetta</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	FLW	Point Count	FLW3	Eurasian Tree Sparrow	<i>Passer montanus</i>	2	Abundant	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW3	White Wagtail	<i>Motacilla alba</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW4	Little Egret	<i>Egretta garzetta</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	FLW	Point Count	FLW4	Spotted Dove	<i>Spilopelia chinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW4	Barn Swallow	<i>Hirundo rustica</i>	2	Abundant	PM,SV	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW4	Yellow-bellied Prinia	<i>Prinia flaviventris</i>	1	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW4	Plain Prinia	<i>Prinia inornata</i>	1	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW5	Chinese Pond Heron	<i>Ardeola bacchus</i>	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	FLW	Point Count	FLW5	Great Egret	<i>Ardea alba</i>	2	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	FLW	Point Count	FLW5	Little Egret	<i>Egretta garzetta</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	FLW	Point Count	FLW5	Black-winged stilt	<i>Himantopus himantopus</i>	1	Common	PM	RC	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	FLW	Point Count	FLW5	Spotted Dove	<i>Spilopelia chinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW5	Chinese Bulbul	<i>Pycnonotus sinensis</i>	4	Abundant	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW5	Barn Swallow	<i>Hirundo rustica</i>	65	Abundant	PM,SV	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW5	Plain Prinia	<i>Prinia inornata</i>	2	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW5	Crested Myna	<i>Acridotheres cristatellus</i>	6	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW5	Common Myna	<i>Acridotheres tristis</i>	5	Uncommon	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW5	Oriental Magpie Robin	<i>Copsychus saularis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW5	Eurasian Tree Sparrow	<i>Passer montanus</i>	4	Abundant	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW6	Chinese Pond Heron	<i>Ardeola bacchus</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	FLW	Point Count	FLW6	Greater Coucal	<i>Centropus sinensis</i>	1	Common	R	-	Class II	VU	LC	LC	Y	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW6	Barn Swallow	<i>Hirundo rustica</i>	10	Abundant	PM,SV	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW6	Plain Prinia	<i>Prinia inornata</i>	2	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW6	Crested Myna	<i>Acridotheres cristatellus</i>	3	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW7	Chinese Pond Heron	<i>Ardeola bacchus</i>	25	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	FLW	Point Count	FLW7	Eurasian Collared Dove	<i>Streptopelia decaocto</i>	2	Common	-	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW7	Azure-winged Magpie	<i>Cyanopica cyanus</i>	14	Introduced	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW7	Crested Myna	<i>Acridotheres cristatellus</i>	12	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW7	Common Myna	<i>Acridotheres tristis</i>	4	Uncommon	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW7	Black-collared Starling	<i>Gracupica nigricollis</i>	8	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW7	Eurasian Tree Sparrow	<i>Passer montanus</i>	6	Abundant	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Point Count	FLW7	White Wagtail	<i>Motacilla alba</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Point Count	NSW1	Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	1	Common	R,WV	(LC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	NSW	Point Count	NSW1	Little Egret	<i>Egretta garzetta</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	NSW	Point Count	NSW1	White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	1	Common	R	-	-	-	LC	LC	N	Y

Appendix F.1 Ecological Bird Monitoring Result (05 & 17 June 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
05/06/2026	Daytime	Wet	NSW	Point Count	NSW1	Common Kingfisher	<i>Alcedo atthis</i>	3	Common	PM,WV	-	-	-	LC	LC	N	Y
05/06/2026	Daytime	Wet	NSW	Point Count	NSW1	Chinese Bulbul	<i>Pycnonotus sinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Point Count	NSW1	Yellow-bellied Prinia	<i>Prinia flaviventris</i>	1	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Point Count	NSW1	Plain Prinia	<i>Prinia inornata</i>	2	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Point Count	NSW1	Crested Myna	<i>Acridotheres cristatellus</i>	4	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Point Count	NSW1	Eurasian Tree Sparrow	<i>Passer montanus</i>	5	Abundant	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Chinese Pond Heron	<i>Ardeola bacchus</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Grey Heron	<i>Ardea cinerea</i>	1	Common	WV	PRC	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Great Egret	<i>Ardea alba</i>	1	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Little Egret	<i>Egretta garzetta</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	White-breasted Waterhen	<i>Amauornis phoenicurus</i>	2	Common	R	-	-	-	LC	LC	N	Y
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Spotted Dove	<i>Spilopelia chinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	House Swift	<i>Apus nipalensis</i>	4	Abundant, Common	SpM,R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Red-billed Blue Magpie	<i>Urocissa erythroryncha</i>	2	Common	R	-	-	-	-	LC	N	N
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Chinese Bulbul	<i>Pycnonotus sinensis</i>	4	Abundant	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Yellow-bellied Prinia	<i>Prinia flaviventris</i>	1	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Plain Prinia	<i>Prinia inornata</i>	2	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Chinese Pond Heron	<i>Ardeola bacchus</i>	3	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Great Egret	<i>Ardea alba</i>	2	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Little Egret	<i>Egretta garzetta</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	House Swift	<i>Apus nipalensis</i>	6	Abundant, Common	SpM,R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	3	Abundant	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Yellow-bellied Prinia	<i>Prinia flaviventris</i>	1	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Plain Prinia	<i>Prinia inornata</i>	4	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Swinhoe's White-eye	<i>Zosterops simplex</i>	1	Abundant	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Crested Myna	<i>Acridotheres cristatellus</i>	3	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Black-collared Starling	<i>Gracupica nigricollis</i>	2	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Great Egret	<i>Ardea alba</i>	3	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Little Egret	<i>Egretta garzetta</i>	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Black Kite	<i>Milvus migrans</i>	1	Common	R,WV	(RC)	Class II	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Greater Coucal	<i>Centropus sinensis</i>	1	Common	R	-	Class II	VU	LC	LC	Y	N
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	White-throated Kingfisher	<i>Halcyon smyrnensis</i>	1	Common	R	(LC)	Class II	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Japanese Tit	<i>Parus minor</i>	1	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	3	Abundant	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Barn Swallow	<i>Hirundo rustica</i>	15	Abundant	PM,SV	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Plain Prinia	<i>Prinia inornata</i>	2	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Common Tailorbird	<i>Orthotomus sutorius</i>	1	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Masked Laughingthrush	<i>Pterorhinus perspicillatus</i>	11	Abundant	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Transect	FLW	Little Grebe	<i>Tachybaptus</i>	2	Common	R	LC	-	-	LC	LC	Y	Y

Appendix F.1 Ecological Bird Monitoring Result (05 & 17 June 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
							<i>ruficollis</i>										
05/06/2026	Daytime	Wet	FLW	Transect	FLW	Yellow Bittern	<i>Ixobrychus sinensis</i>	1	Uncommon	PM,SV	(LC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	FLW	Transect	FLW	Chinese Pond Heron	<i>Ardeola bacchus</i>	3	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	FLW	Transect	FLW	Great Egret	<i>Ardea alba</i>	1	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	FLW	Transect	FLW	Little Egret	<i>Egretta garzetta</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	FLW	Transect	FLW	Black Kite	<i>Milvus migrans</i>	1	Common	R,WV	(RC)	Class II	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	FLW	Transect	FLW	Eurasian Collared Dove	<i>Streptopelia decaocto</i>	2	Common	-	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Transect	FLW	Spotted Dove	<i>Spilopelia chinensis</i>	9	Abundant	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Transect	FLW	Greater Coucal	<i>Centropus sinensis</i>	2	Common	R	-	Class II	VU	LC	LC	Y	N
05/06/2026	Daytime	Wet	FLW	Transect	FLW	House Swift	<i>Apus nipalensis</i>	3	Abundant, Common	SpM,R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Transect	FLW	Collared Crow	<i>Corvus torquatus</i>	2	Uncommon	R	LC	-	-	NT	VU	Y	Y
05/06/2026	Daytime	Wet	FLW	Transect	FLW	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	5	Abundant	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Transect	FLW	Barn Swallow	<i>Hirundo rustica</i>	8	Abundant	PM,SV	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Transect	FLW	Plain Prinia	<i>Prinia inornata</i>	5	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Transect	FLW	Crested Myna	<i>Acridotheres cristatellus</i>	24	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Transect	FLW	Black-collared Starling	<i>Gracupica nigricollis</i>	5	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	FLW	Transect	FLW	White-shouldered Starling	<i>Sturnia sinensis</i>	3	Common	M,W,Su	(LC)	-	-	-	LC	Y	N
05/06/2026	Daytime	Wet	NSW	Transect	NSW	Chinese Pond Heron	<i>Ardeola bacchus</i>	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	NSW	Transect	NSW	Little Egret	<i>Egretta garzetta</i>	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	NSW	Transect	NSW	Black Kite	<i>Milvus migrans</i>	1	Common	R,WV	(RC)	Class II	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	NSW	Transect	NSW	Spotted Dove	<i>Spilopelia chinensis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Transect	NSW	Red-billed Blue Magpie	<i>Urocissa erythroryncha</i>	2	Common	R	-	-	-	-	LC	N	N
05/06/2026	Daytime	Wet	NSW	Transect	NSW	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	4	Abundant	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Transect	NSW	Plain Prinia	<i>Prinia inornata</i>	3	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	NSW	Transect	NSW	White-shouldered Starling	<i>Sturnia sinensis</i>	2	Common	M,W,Su	(LC)	-	-	-	LC	Y	N
05/06/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Chinese Pond Heron	<i>Ardeola bacchus</i>	6	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Grey Heron	<i>Ardea cinerea</i>	2	Common	WV	PRC	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Great Egret	<i>Ardea alba</i>	1	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Little Egret	<i>Egretta garzetta</i>	4	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/06/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Spotted Dove	<i>Spilopelia chinensis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Azure-winged Magpie	<i>Cyanopica cyanus</i>	2	Introduced	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Japanese Tit	<i>Parus minor</i>	1	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Chinese Bulbul	<i>Pycnonotus sinensis</i>	3	Abundant	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Crested Myna	<i>Acridotheres cristatellus</i>	2	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Black-collared Starling	<i>Gracupica nigricollis</i>	3	Common	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Oriental Magpie Robin	<i>Copsychus saularis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
05/06/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	White Wagtail	<i>Motacilla alba</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N

Appendix F.1 Ecological Bird Monitoring Result (05 & 17 June 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
17/06/2026	Night-time	Wet	FLW	Point Count	FLW5	Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	2	Common	R,WV	(LC)	-	-	LC	LC	Y	Y
17/06/2026	Night-time	Wet	FLW	Point Count	FLW5	Black-winged stilt	<i>Himantopus himantopus</i>	2	Common	PM	RC	-	-	LC	LC	Y	Y
17/06/2026	Night-time	Wet	FLW	Point Count	FLW7	Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	1	Common	R,WV	(LC)	-	-	LC	LC	Y	Y
17/06/2026	Night-time	Wet	FLW	Point Count	FLW7	Chinese Pond Heron	<i>Ardeola bacchus</i>	6	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
17/06/2026	Night-time	Wet	NSW	Point Count	SP/NSW1	Asian Barred Owlet	<i>Glaucidium cuculoides</i>	1	Common	R	-	-	-	LC	LC	Y	N
17/06/2026	Night-time	Wet	FLW	Transect	FLW	Savanna Nightjar	<i>Caprimulgus affinis</i>	1	Uncommon	R.PM	-	-	-	DD	-	N	N
17/06/2026	Night-time	Wet	YLIE- CW	Transect	YLIE-CW	Savanna Nightjar	<i>Caprimulgus affinis</i>	1	Uncommon	R.PM	-	-	-	DD	-	N	N

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 (05 & 17 June 2026)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) ²
<i>Nycticorax nycticorax</i>	4	0.0125	-4.3851	-0.0546	0.2396
<i>Ardeola bacchus</i>	38	0.1184	-2.1339	-0.2526	0.5390
<i>Ardea cinerea</i>	1	0.0031	-5.7714	-0.0180	0.1038
<i>Ardea alba</i>	8	0.0249	-3.6920	-0.0920	0.3397
<i>Egretta garzetta</i>	8	0.0249	-3.6920	-0.0920	0.3397
<i>Milvus migrans</i>	1	0.0031	-5.7714	-0.0180	0.1038
<i>Amaurornis phoenicurus</i>	3	0.0093	-4.6728	-0.0437	0.2041
<i>Himantopus himantopus</i>	3	0.0093	-4.6728	-0.0437	0.2041
<i>Streptopelia decaocto</i>	2	0.0062	-5.0783	-0.0316	0.1607
<i>Spilopelia chinensis</i>	7	0.0218	-3.8255	-0.0834	0.3191
<i>Centropus sinensis</i>	2	0.0062	-5.0783	-0.0316	0.1607
<i>Glaucidium cuculoides</i>	1	0.0031	-5.7714	-0.0180	0.1038
<i>Apus nipalensis</i>	10	0.0312	-3.4689	-0.1081	0.3749
<i>Halcyon smyrnensis</i>	1	0.0031	-5.7714	-0.0180	0.1038
<i>Alcedo atthis</i>	3	0.0093	-4.6728	-0.0437	0.2041
<i>Cyanopica cyanus</i>	14	0.0436	-3.1324	-0.1366	0.4279
<i>Urocissa erythroryncha</i>	2	0.0062	-5.0783	-0.0316	0.1607
<i>Parus minor</i>	1	0.0031	-5.7714	-0.0180	0.1038
<i>Pycnonotus jocosus</i>	6	0.0187	-3.9797	-0.0744	0.2960
<i>Pycnonotus sinensis</i>	10	0.0312	-3.4689	-0.1081	0.3749
<i>Hirundo rustica</i>	92	0.2866	-1.2497	-0.3582	0.4476
<i>Prinia flaviventris</i>	4	0.0125	-4.3851	-0.0546	0.2396
<i>Prinia inornata</i>	16	0.0498	-2.9989	-0.1495	0.4483
<i>Orthotomus sutorius</i>	1	0.0031	-5.7714	-0.0180	0.1038
<i>Pterorhinus perspicillatus</i>	11	0.0343	-3.3735	-0.1156	0.3900
<i>Zosterops simplex</i>	1	0.0031	-5.7714	-0.0180	0.1038
<i>Acridotheres cristatellus</i>	28	0.0872	-2.4392	-0.2128	0.5190
<i>Acridotheres tristis</i>	9	0.0280	-3.5742	-0.1002	0.3582
<i>Gracupica nigricollis</i>	14	0.0436	-3.1324	-0.1366	0.4279
<i>Copsychus saularis</i>	1	0.0031	-5.7714	-0.0180	0.1038
<i>Passer montanus</i>	17	0.0530	-2.9382	-0.1556	0.4572
<i>Motacilla alba</i>	2	0.0062	-5.0783	-0.0316	0.1607
Total	321	1	-136.3728	-2.6863	8.6237
Richness	32				
SS	8.6237				
SQ	7.2163				
H	2.6863				
S ² H	0.0045				

Appendix F.2.2 Ecological Bird Monitoring Diversity (Avifauna species of conservation importance in Point Count Method) in All Habitats (05 & 17 June 2026)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) ²
<i>Nycticorax nycticorax</i>	4	0.0597	-2.8184	-0.1683	0.4742
<i>Ardeola bacchus</i>	38	0.5672	-0.5671	-0.3216	0.1824
<i>Ardea cinerea</i>	1	0.0149	-4.2047	-0.0628	0.2639
<i>Ardea alba</i>	8	0.1194	-2.1253	-0.2538	0.5393
<i>Egretta garzetta</i>	8	0.1194	-2.1253	-0.2538	0.5393
<i>Milvus migrans</i>	1	0.0149	-4.2047	-0.0628	0.2639
<i>Himantopus himantopus</i>	3	0.0448	-3.1061	-0.1391	0.4320
<i>Centropus sinensis</i>	2	0.0299	-3.5115	-0.1048	0.3681
<i>Glaucidium cuculoides</i>	1	0.0149	-4.2047	-0.0628	0.2639
<i>Halcyon smyrnensis</i>	1	0.0149	-4.2047	-0.0628	0.2639
Total	67	1	-31.0724	-1.4924	3.5908
Richness	10				
SS	3.5908				
SQ	2.2271				
H	1.4924				
S ² H	0.021356				

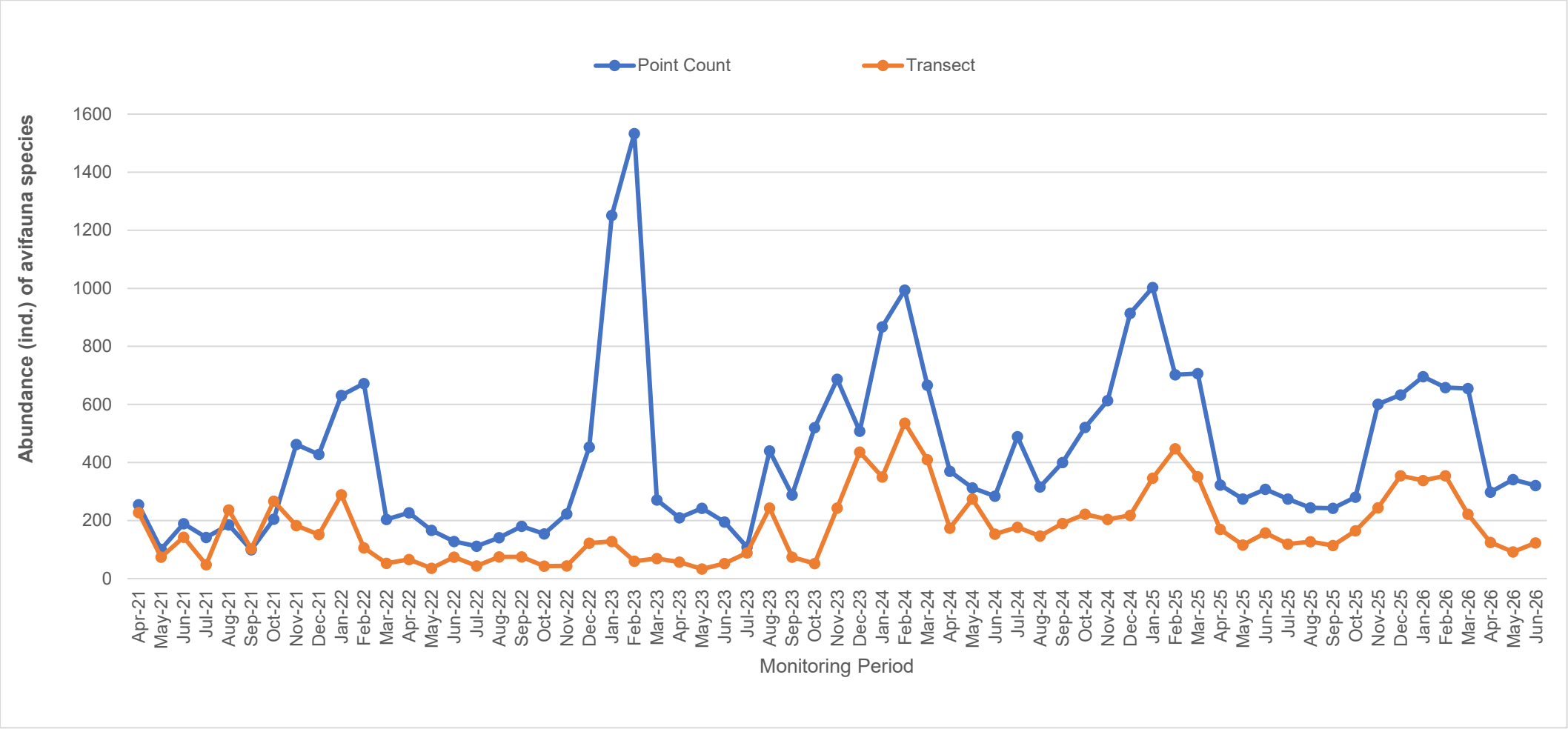
Appendix F.2.3 Ecological Bird Monitoring Diversity (All avifauna species in Transect Walk Method)
in All Habitats (05 & 17 June 2026)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) ²
<i>Tachybaptus ruficollis</i>	2	0.0163	-4.1190	-0.0670	0.2759
<i>Ixobrychus sinensis</i>	1	0.0081	-4.8122	-0.0391	0.1883
<i>Ardeola bacchus</i>	11	0.0894	-2.4143	-0.2159	0.5213
<i>Ardea cinerea</i>	2	0.0163	-4.1190	-0.0670	0.2759
<i>Ardea alba</i>	2	0.0163	-4.1190	-0.0670	0.2759
<i>Egretta garzetta</i>	7	0.0569	-2.8663	-0.1631	0.4676
<i>Milvus migrans</i>	2	0.0163	-4.1190	-0.0670	0.2759
<i>Streptopelia decaocto</i>	2	0.0163	-4.1190	-0.0670	0.2759
<i>Spilopelia chinensis</i>	11	0.0894	-2.4143	-0.2159	0.5213
<i>Centropus sinensis</i>	2	0.0163	-4.1190	-0.0670	0.2759
<i>Caprimulgus affinis</i>	2	0.0163	-4.1190	-0.0670	0.2759
<i>Apus nipalensis</i>	3	0.0244	-3.7136	-0.0906	0.3364
<i>Cyanopica cyanus</i>	2	0.0163	-4.1190	-0.0670	0.2759
<i>Urocissa erythroryncha</i>	2	0.0163	-4.1190	-0.0670	0.2759
<i>Corvus torquatus</i>	2	0.0163	-4.1190	-0.0670	0.2759
<i>Parus minor</i>	1	0.0081	-4.8122	-0.0391	0.1883
<i>Pycnonotus jocosus</i>	9	0.0732	-2.6150	-0.1913	0.5003
<i>Pycnonotus sinensis</i>	3	0.0244	-3.7136	-0.0906	0.3364
<i>Hirundo rustica</i>	8	0.0650	-2.7327	-0.1777	0.4857
<i>Prinia inornata</i>	8	0.0650	-2.7327	-0.1777	0.4857
<i>Acridotheres cristatellus</i>	26	0.2114	-1.5541	-0.3285	0.5105
<i>Gracupica nigricollis</i>	8	0.0650	-2.7327	-0.1777	0.4857
<i>Sturnia sinensis</i>	5	0.0407	-3.2027	-0.1302	0.4170
<i>Copsychus saularis</i>	1	0.0081	-4.8122	-0.0391	0.1883
<i>Motacilla alba</i>	1	0.0081	-4.8122	-0.0391	0.1883
Total	123	1	-91.1311	-2.7856	8.5797
Richness	25				
SS	8.5797				
SQ	7.7596				
H	2.7856				
S ² H	0.007460				

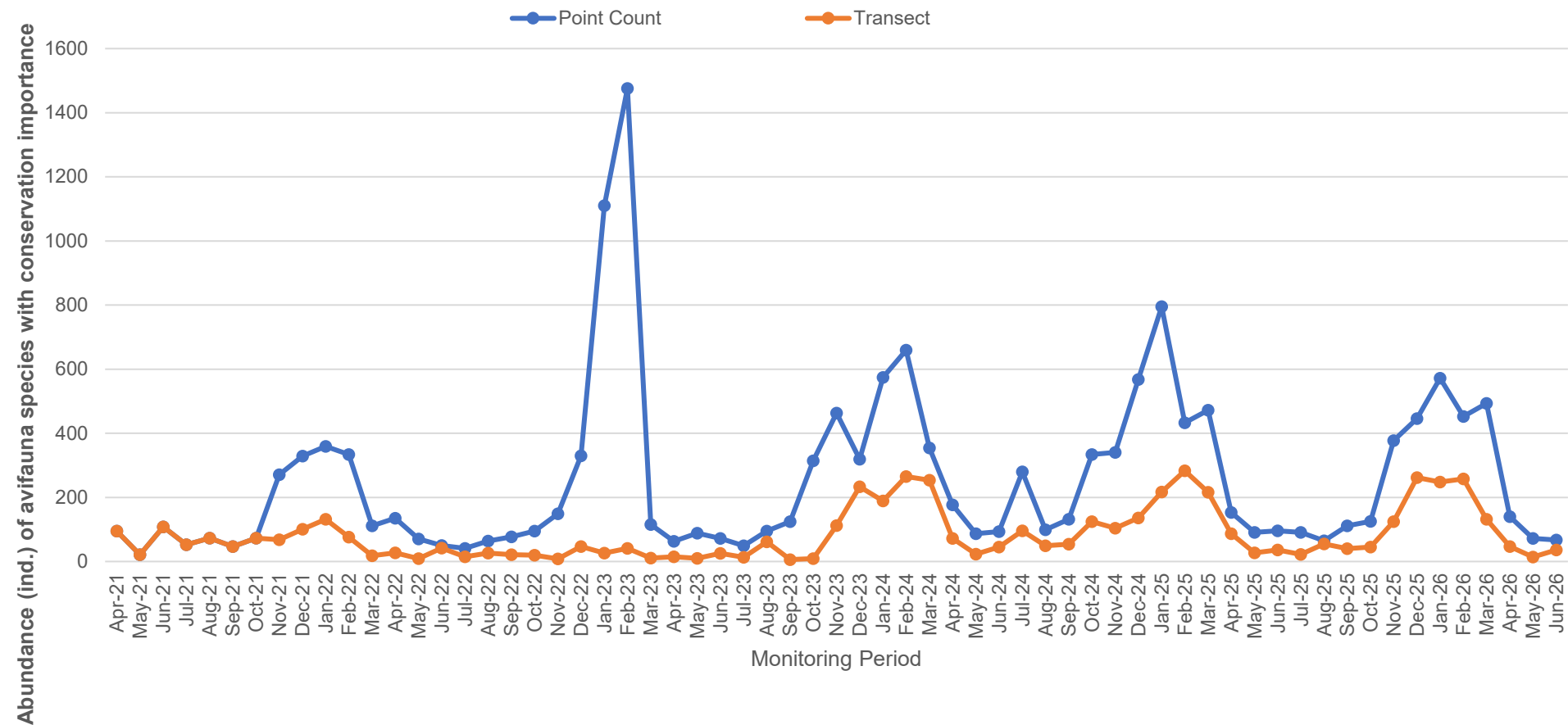
Appendix F.2.4 Ecological Bird Monitoring Diversity (Avifauna species of conservation importance in Transect Walk Method) in All Habitats (05 & 17 June 2026)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) ²
<i>Tachybaptus ruficollis</i>	2	0.0556	-2.8904	-0.1606	0.4641
<i>Ixobrychus sinensis</i>	1	0.0278	-3.5835	-0.0995	0.3567
<i>Ardeola bacchus</i>	11	0.3056	-1.1856	-0.3623	0.4295
<i>Ardea cinerea</i>	2	0.0556	-2.8904	-0.1606	0.4641
<i>Ardea alba</i>	2	0.0556	-2.8904	-0.1606	0.4641
<i>Egretta garzetta</i>	7	0.1944	-1.6376	-0.3184	0.5215
<i>Milvus migrans</i>	2	0.0556	-2.8904	-0.1606	0.4641
<i>Centropus sinensis</i>	2	0.0556	-2.8904	-0.1606	0.4641
<i>Corvus torquatus</i>	2	0.0556	-2.8904	-0.1606	0.4641
<i>Sturnia sinensis</i>	5	0.1389	-1.9741	-0.2742	0.5412
Total	36	1	-25.7231	-2.0179	4.6337
Richness	10				
SS	4.6337				
SQ	4.0718				
H	2.0179				
S ² H	0.01908				

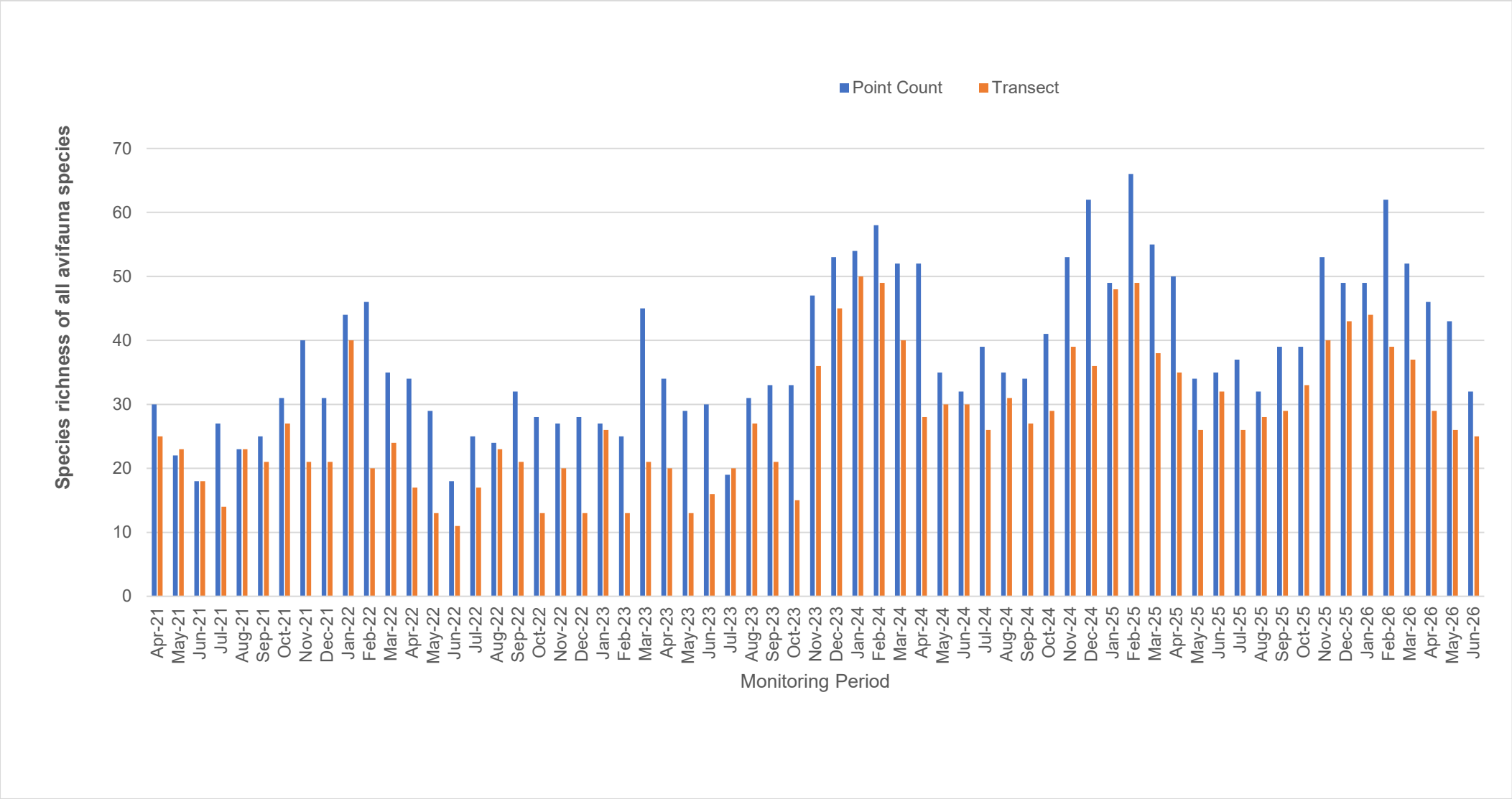
Appendix F.3.1 Abundance of all avifauna species throughout the monitoring period



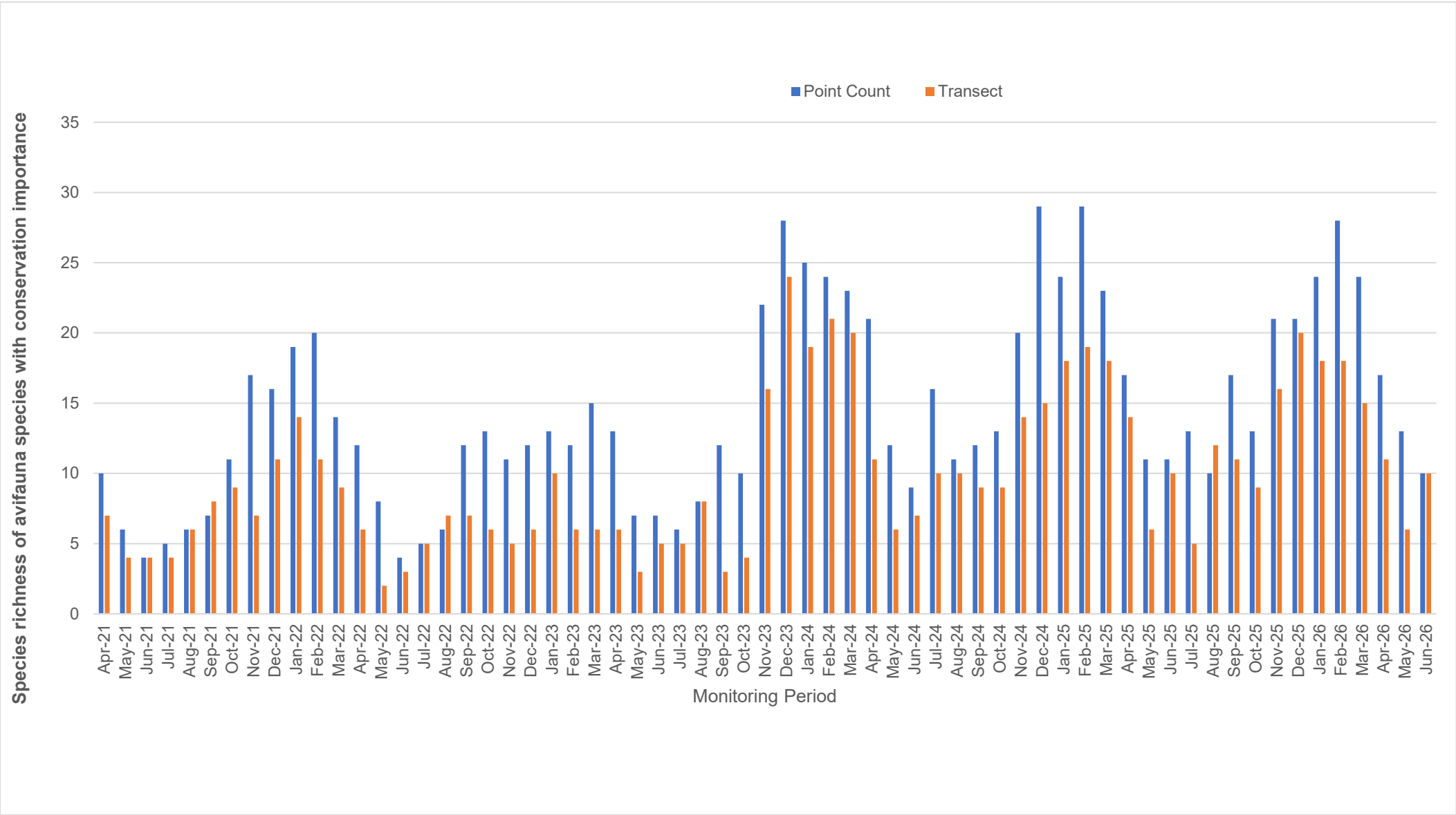
Appendix F.3.2 Abundance of avifauna species with conservation importance throughout the monitoring period



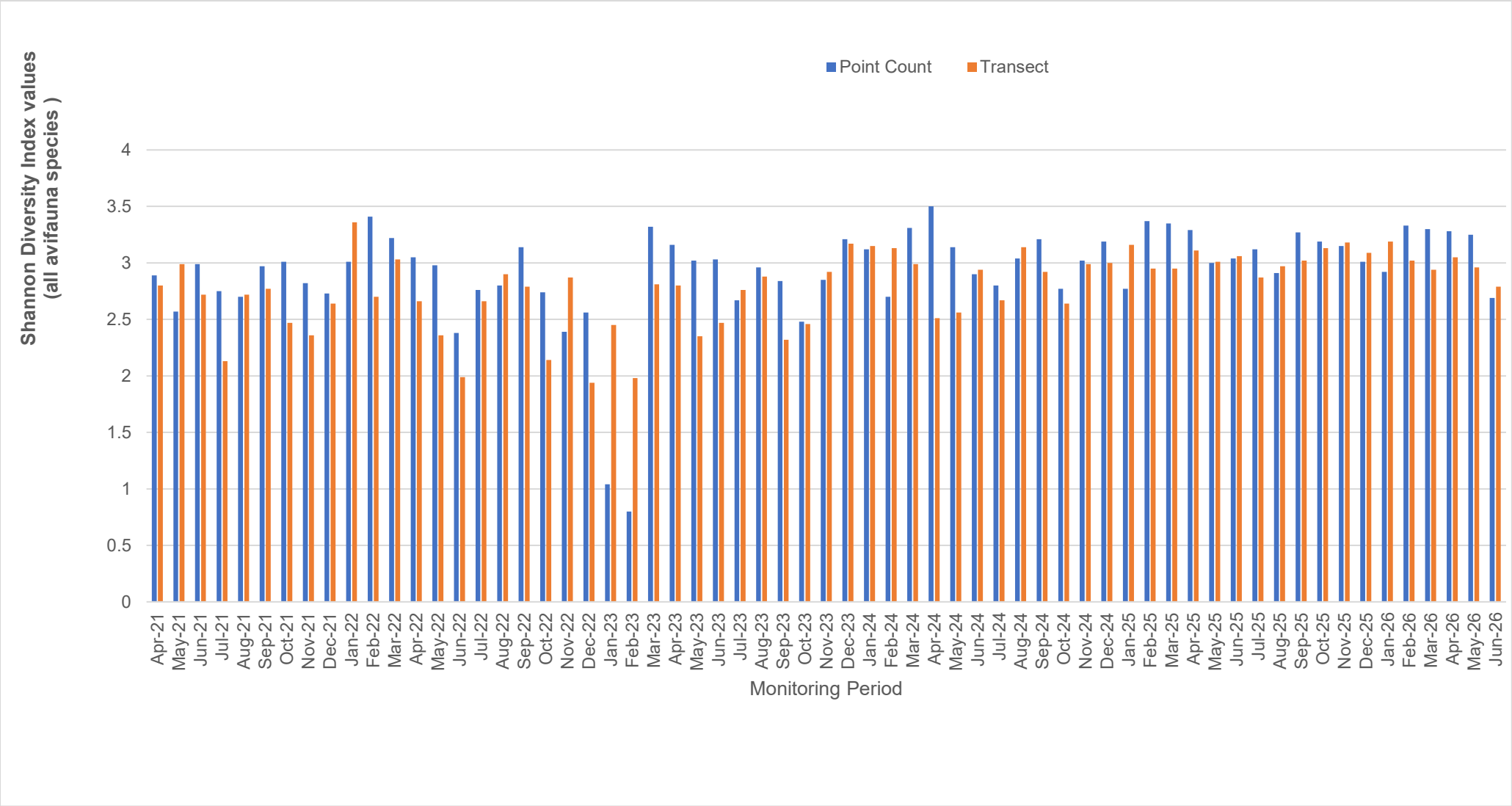
Appendix F.4.1 Species richness of all avifauna species throughout the monitoring period



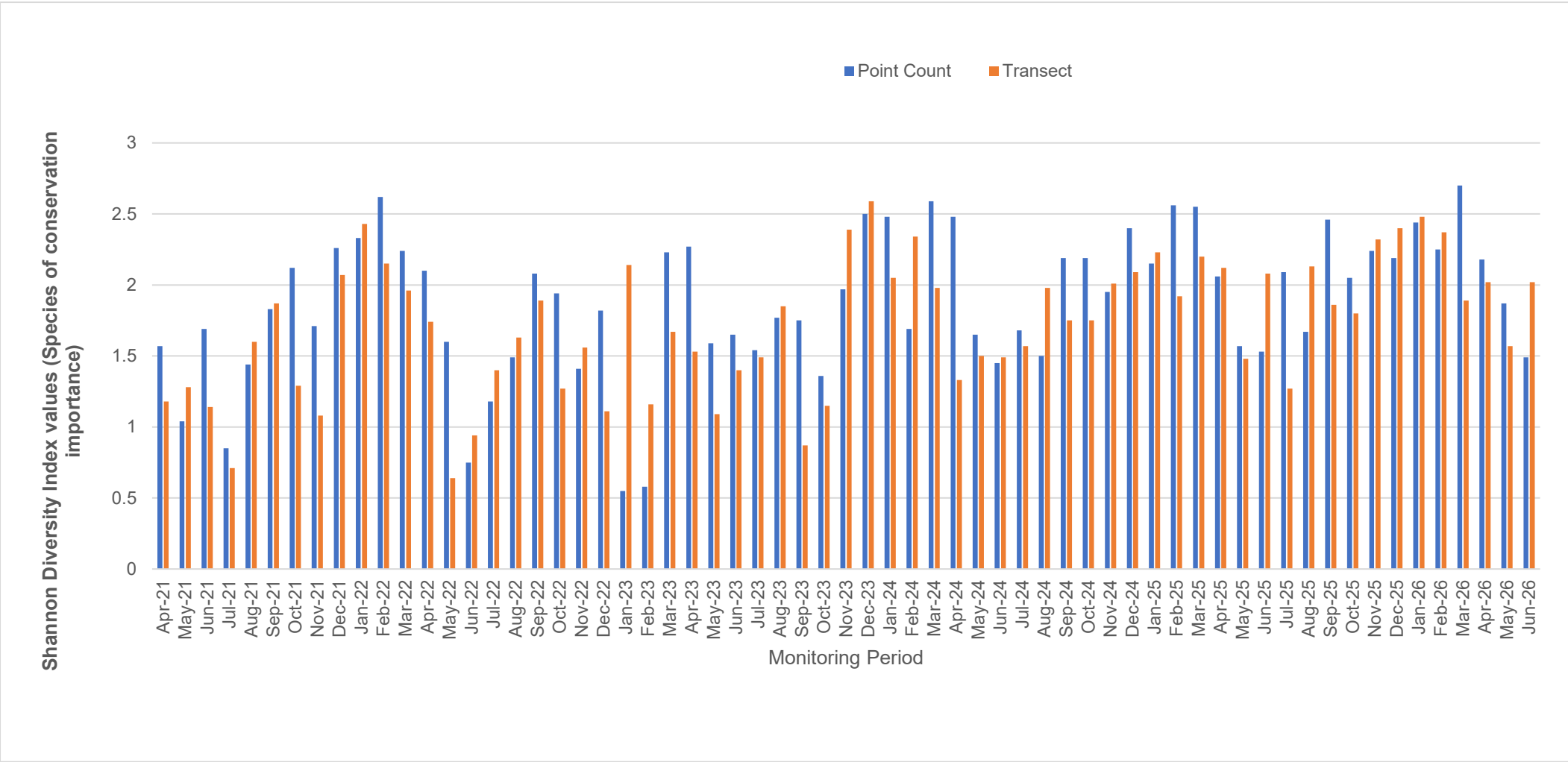
Appendix F.4.2 Species richness of avifauna species with conservation importance throughout the monitoring period



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	June 2017	June 2026
Total	121	321
Richness	25	32
H	2.8670	2.6863
S ² H	0.006152	0.004535
t	1.7473	
df	303.0593	
Crit	1.9678	
p	8.159160E-02	
CI	0.1569	0.1347

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

Months	June 2017	June 2026
Total	69	123
Richness	13	25
H	2.0883	2.7856
S ² H	0.01170	0.007460
t	5.0375	
df	150.6753	
Crit	1.9759	
p	1.34E-06	
CI	0.2163	0.1727

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

Months	June 2017	June 2026
Total	45	67
Richness	5	10
H	1.4282	1.4924
S ² H	0.007418	0.02135607
t	0.3784	
df	103.1061	
Crit	1.9833	
p	7.06E-01	
CI	0.1723	0.2923

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

Months	June 2017	June 2026
Total	40	36
Richness	3	10
H	1.0397	2.0179
S ² H	0.00363	0.01908
t	6.4912	
df	49.3849	
Crit	2.0096	
p	4.08E-08	
CI	0.1205	0.2763