

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		
4/8/2026	Cloudy	13:03	45	50	43	291	500
10/8/2026	Sunny	8:10	43	44	51		
15/8/2026	Cloudy	8:56	31	42	35		
21/8/2026	Sunny	13:01	23	23	42		
27/8/2026	Cloudy	8:22	29	30	31		
		Min	23				
		Max	51				
		Average	37				

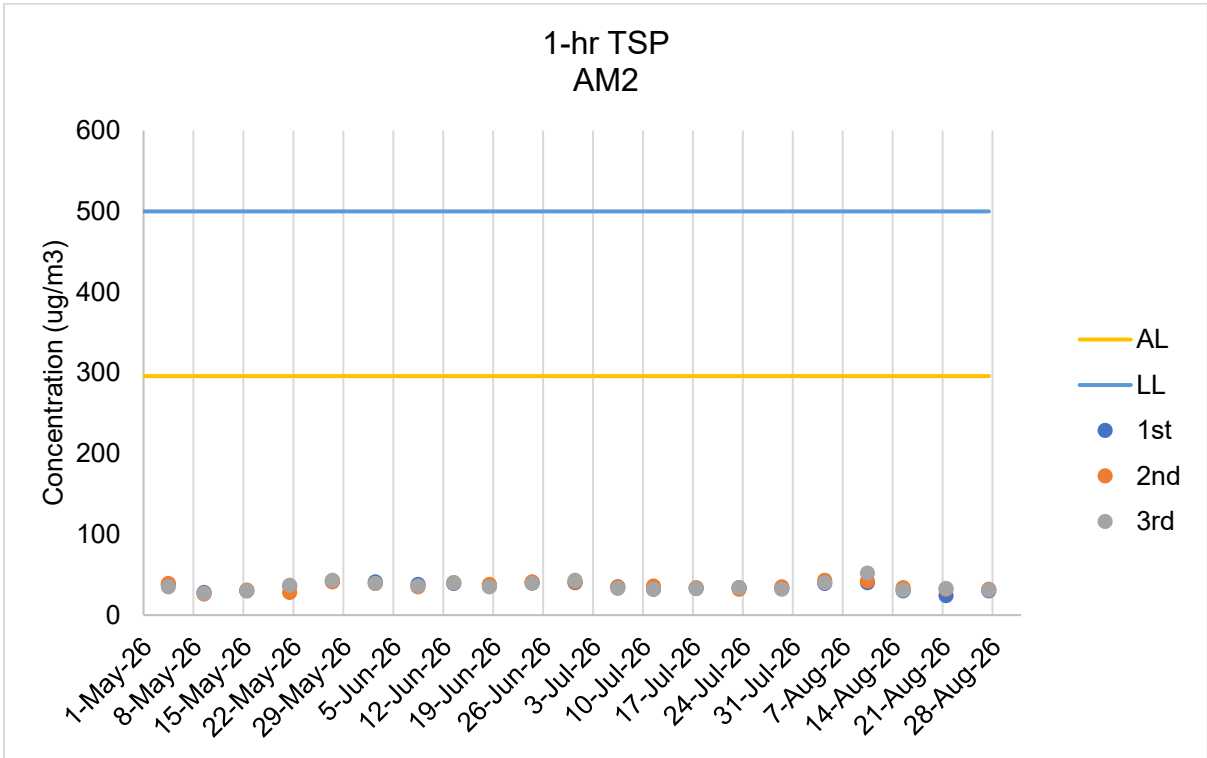
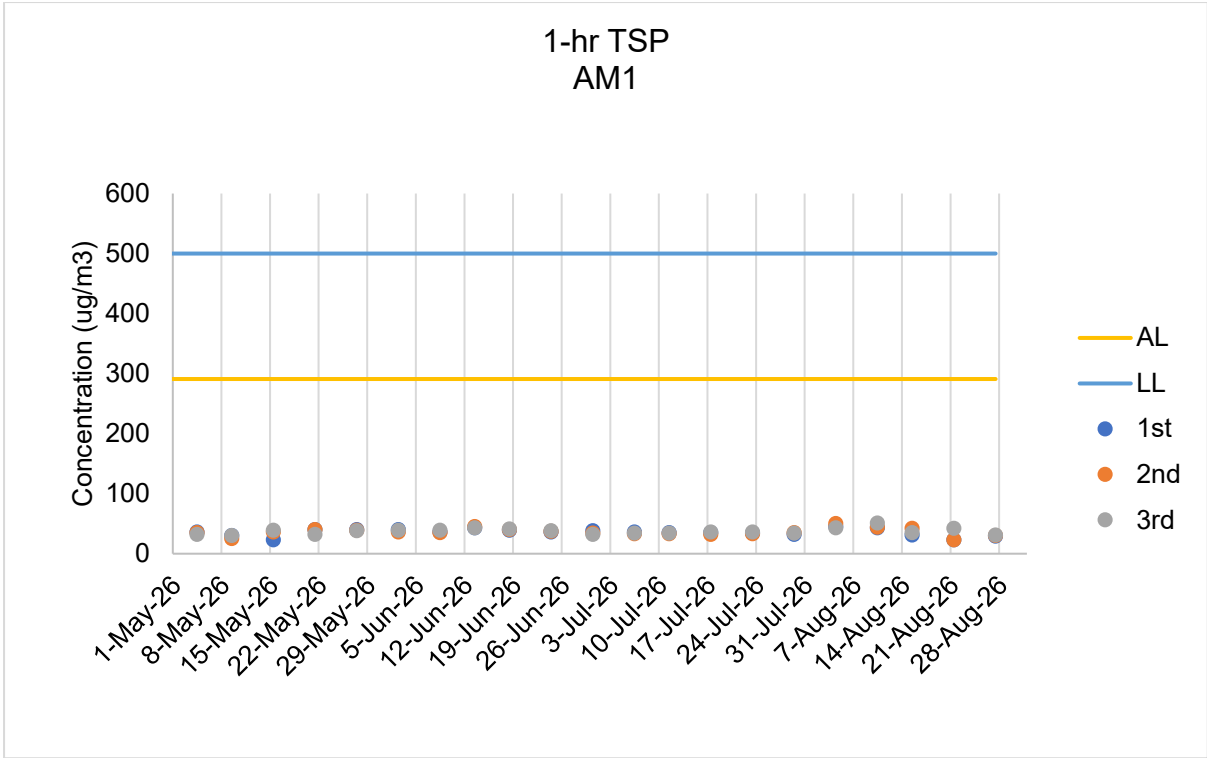
AM2 - Squatter house at the west of Yuen Long STW

			1-hour TSP (µg/m³)			Action Level (ug/m³)	Limit Level (ug/m³)
Date	Weather Condition	Start Time	1st Measurement	2nd Measurement	3rd Measurement		
4/8/2026	Cloudy	14:00	39	43	40	296	500
10/8/2026	Sunny	9:00	40	42	52		
15/8/2026	Cloudy	14:00	30	34	31		
21/8/2026	Sunny	8:56	24	32	33		
27/8/2026	Cloudy	8:32	30	32	31		
		Min	24				
		Max	52				
		Average	36				

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)
4/8/2026	13:00	58.6	60.5	56.6	3.2	Cloudy	75
10/8/2026	8:20	56.7	59.5	54.7	0.8	Sunny	75
21/8/2026	8:11	59.6	61.5	58.3	0.0	Sunny	75
27/8/2026	8:16	61.5	62.5	58.9	0.0	Cloudy	75
	Max	61.5					
	Min	56.7					

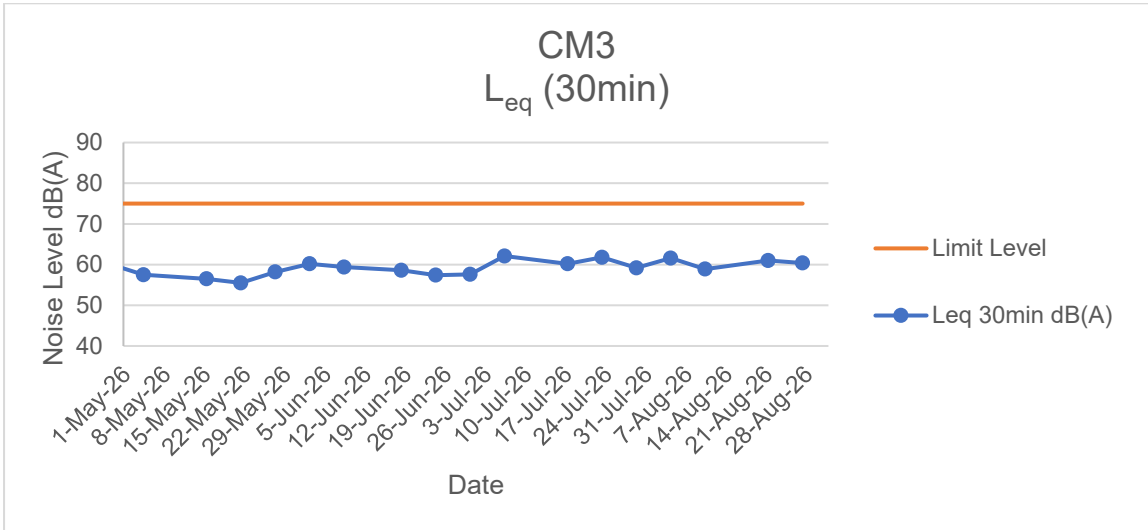
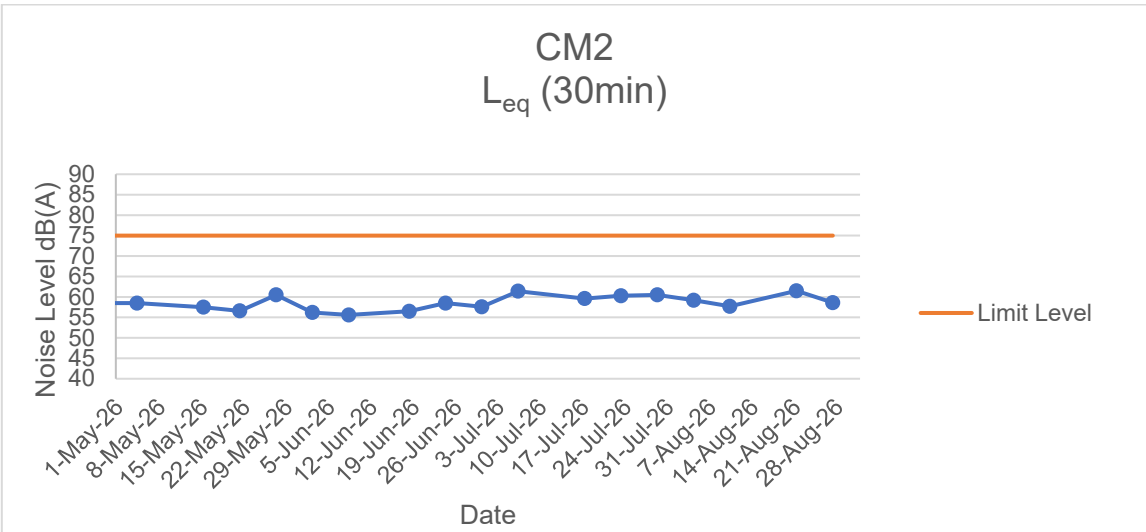
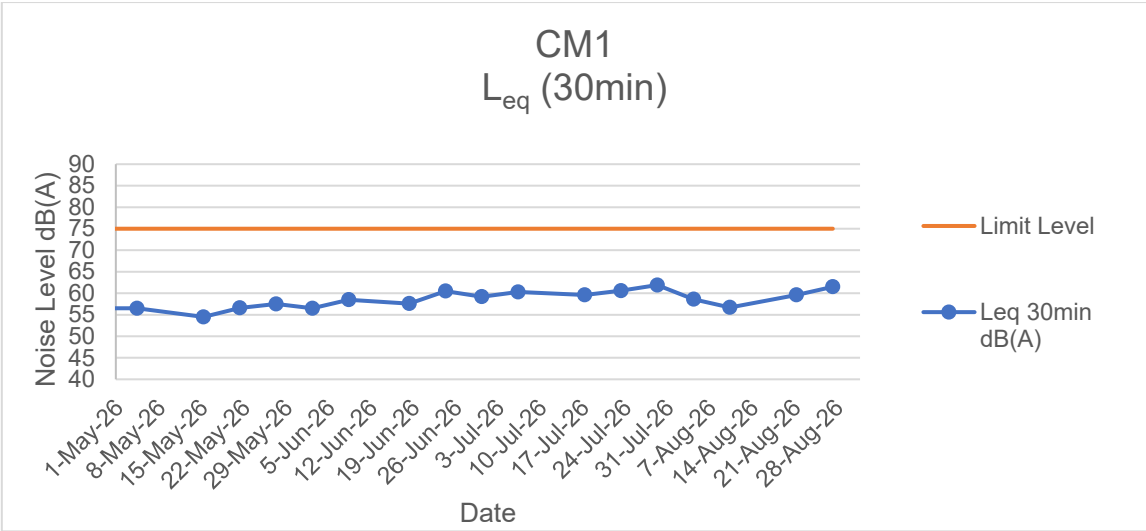
CM2 - Squatter house to the west of YLSTW

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)
4/8/2026	13:45	59.2	61.5	58.4	3.2	Cloudy	75
10/8/2026	8:55	57.7	58.5	54.7	1.4	Sunny	75
21/8/2026	8:56	61.5	63.6	58.6	0.0	Sunny	75
27/8/2026	8:32	58.6	59.5	56.7	0.0	Cloudy	75
	Max	61.5					
	Min	57.7					

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)
4/8/2026	14:20	61.6	62.6	59.6	3.0	Cloudy	75
10/8/2026	9:00	58.9	60.5	54.7	0.3	Sunny	75
21/8/2026	13:10	61.0	63.6	58.6	0.3	Sunny	75
27/8/2026	8:55	60.4	63.5	57.6	0.0	Cloudy	75
	Max	61.6					
	Min	58.9					

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



Noise Monitoring Results

Water Quality Monitoring Results

Contract No. SPW 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement														Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	1/8/2026	Mid-Flood	Cloudy	Low	15:08	2.6	M	1.30	1	0.073	170.765	7.12	7.12	3.55	3.51	28.6	28.60	43.4	43.45	3.12	3.13	20.85	20.98	29	35
M1	1/8/2026	Mid-Flood	Cloudy	Low	15:08	2.6	M	1.30	2			7.12		3.46		28.6		43.5		3.13		21.11		41	
M2	1/8/2026	Mid-Flood	Cloudy	Low	15:31	2.3	M	1.15	1	0.08	162.983	7.13	7.14	3.46	3.43	28.6	28.65	43.8	43.10	3.15	3.10	21.33	21.21	52	50
M2	1/8/2026	Mid-Flood	Cloudy	Low	15:31	2.3	M	1.15	2			7.15		3.39		28.7		42.4		3.05		21.09		47	
M3	1/8/2026	Mid-Flood	Cloudy	Low	15:52	2.1	M	1.05	1	0.094	161.379	7.17	7.17	3.91	3.94	28.6	28.60	54.1	54.20	3.89	3.90	31.66	31.565	34	36
M3	1/8/2026	Mid-Flood	Cloudy	Low	15:52	2.1	M	1.05	2			7.17		3.96		28.6		54.3		3.91		31.47		38	
M1	1/8/2026	Mid-Ebb	Cloudy	Low	8:43	2.5	M	1.25	1	0.068	338.199	7.12	7.13	3.66	3.65	28.1	28.10	44.8	44.15	3.22	3.18	21.09	21.195	30	27
M1	1/8/2026	Mid-Ebb	Cloudy	Low	8:43	2.5	M	1.25	2			7.14		3.64		28.1		43.5		3.13		21.3		24	
M2	1/8/2026	Mid-Ebb	Cloudy	Low	8:18	2.2	M	1.10	1	0.075	328.16	7.13	7.14	3.81	3.82	28.1	28.15	46.0	46.30	3.31	3.33	20.94	20.73	23	27
M2	1/8/2026	Mid-Ebb	Cloudy	Low	8:18	2.2	M	1.10	2			7.14		3.82		28.2		46.6		3.35		20.52		30	
M3	1/8/2026	Mid-Ebb	Cloudy	Low	9:08	1.9	M	0.95	1	0.066	306.432	7.14	7.14	4.17	4.17	28.1	28.10	55.5	54.45	3.99	3.92	33.94	34.055	13	20
M3	1/8/2026	Mid-Ebb	Cloudy	Low	9:08	1.9	M	0.95	2			7.13		4.16		28.1		53.4		3.84		34.17		26	

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 Polishing Plant Stage 1
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement														Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	4/8/2026	Mid-Flood	Sunny	Low	16:35	2.6	M	1.30	1	0.081	164.776	7.13	7.13	3.29	3.33	26.9	26.90	37.9	36.95	2.77	2.70	24.35	24.18	29	34
M1	4/8/2026	Mid-Flood	Sunny	Low	16:35	2.6	M	1.30	2			7.12		3.37		26.9		36.0		2.63		24.01		39	
M2	4/8/2026	Mid-Flood	Sunny	Low	17:00	2.3	M	1.15	1	0.094	170.077	7.13	7.14	3.33	3.38	26.9	26.90	37.1	37.10	2.71	2.71	25.63	25.52	21	20
M2	4/8/2026	Mid-Flood	Sunny	Low	17:00	2.3	M	1.15	2			7.14		3.42		26.9		37.1		2.71		25.41		18	
M3	4/8/2026	Mid-Flood	Sunny	Low	17:25	2.1	M	1.05	1	0.082	162.88	7.16	7.15	3.45	3.47	26.9	26.95	51.2	50.20	3.74	3.67	30.34	26.845	29	33
M3	4/8/2026	Mid-Flood	Sunny	Low	17:25	2.1	M	1.05	2			7.14		3.48		27		49.2		3.59		23.35		36	
M1	4/8/2026	Mid-Ebb	Sunny	Low	10:56	2.5	M	1.25	1	0.063	310.965	7.12	7.12	3.03	2.99	27.1	27.15	39.9	39.40	2.91	2.88	20.68	20.575	35	39
M1	4/8/2026	Mid-Ebb	Sunny	Low	10:56	2.5	M	1.25	2			7.11		2.94		27.2		38.9		2.84		20.47		42	
M2	4/8/2026	Mid-Ebb	Sunny	Low	10:31	2.1	M	1.05	1	0.058	302.555	7.13	7.14	3.04	3.07	27.1	27.15	39.2	38.25	2.86	2.79	22.25	22.24	37	40
M2	4/8/2026	Mid-Ebb	Sunny	Low	10:31	2.1	M	1.05	2			7.14		3.1		27.2		37.3		2.72		22.23		43	
M3	4/8/2026	Mid-Ebb	Sunny	Low	11:21	1.8	M	0.90	1	0.062	330.307	7.14	7.13	3.25	3.22	27.1	27.10	51.4	50.65	3.75	3.70	29.97	29.87	36	46
M3	4/8/2026	Mid-Ebb	Sunny	Low	11:21	1.8	M	0.90	2			7.12		3.19		27.1		49.9		3.64		29.77		55	

Remark

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

For Flood Tide

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

For Ebb Tide

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

Contract No. SPW 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement														Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	6/8/2026	Mid-Flood	Sunny	Low	17:59	2.4	M	1.20	1	0.079	168.837	7.08	7.07	3.09	3.12	28.1	28.10	42.9	43.60	3.13	3.18	23.40	23.48	53	48
M1	6/8/2026	Mid-Flood	Sunny	Low	17:59	2.4	M	1.20	2			7.06		3.15		28.1		44.3		3.23		23.56		43	
M2	6/8/2026	Mid-Flood	Sunny	Low	18:21	2.1	M	1.05	1	0.082	169.195	7.09	7.09	3.01	3.01	28.1	28.10	44.1	44.60	3.22	3.26	23.80	23.61	59	59
M2	6/8/2026	Mid-Flood	Sunny	Low	18:21	2.1	M	1.05	2			7.08		3.01		28.1		45.1		3.29		23.42		59	
M3	6/8/2026	Mid-Flood	Sunny	Low	18:43	1.9	M	0.95	1	0.092	184.822	7.15	7.14	3.45	3.46	28.1	28.15	50.6	49.95	3.69	3.65	32.11	31.915	53	51
M3	6/8/2026	Mid-Flood	Sunny	Low	18:43	1.9	M	0.95	2			7.13		3.47		28.2		49.3		3.6		31.72		49	
M1	6/8/2026	Mid-Ebb	Sunny	Low	12:44	2.4	M	1.20	1	0.07	329.982	7.09	7.10	2.79	2.82	28.6	28.60	42.3	41.35	3.09	3.02	22.87	22.91	59	68
M1	6/8/2026	Mid-Ebb	Sunny	Low	12:44	2.4	M	1.20	2			7.1		2.85		28.6		40.4		2.95		22.95		77	
M2	6/8/2026	Mid-Ebb	Sunny	Low	12:23	2.1	M	1.05	1	0.06	338.129	7.09	7.08	2.79	2.76	28.6	28.65	42.7	42.50	3.12	3.11	23.98	23.855	85	76
M2	6/8/2026	Mid-Ebb	Sunny	Low	12:23	2.1	M	1.05	2			7.07		2.72		28.7		42.3		3.09		23.73		66	
M3	6/8/2026	Mid-Ebb	Sunny	Low	13:05	1.8	M	0.90	1	0.07	341.351	7.16	7.17	3.49	3.51	28.6	28.60	52.2	51.40	3.81	3.75	32.58	32.59	119	114
M3	6/8/2026	Mid-Ebb	Sunny	Low	13:05	1.8	M	0.90	2			7.18		3.52		28.6		50.6		3.69		32.6		109	

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	113.7	123.175

Contract No. SPW 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement														Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	8/8/2026	Mid-Flood	Sunny	Low	8:29	2.6	M	1.30	1	0.083	178.836	7.08	7.08	3.15	3.18	28.8	28.85	39.6	39.80	2.89	2.91	21.96	21.915	121	109
M1	8/8/2026	Mid-Flood	Sunny	Low	8:29	2.6	M	1.30	2			7.08		3.2		28.9		40.0		2.92		21.87		97	
M2	8/8/2026	Mid-Flood	Sunny	Low	8:51	2.3	M	1.15	1	0.073	173.121	7.09	7.10	3.11	3.12	28.8	28.85	39.7	39.45	2.9	2.88	22.01	22.075	121	121
M2	8/8/2026	Mid-Flood	Sunny	Low	8:51	2.3	M	1.15	2			7.1		3.12		28.9		39.2		2.86		22.14		120	
M3	8/8/2026	Mid-Flood	Sunny	Low	9:10	2.1	M	1.05	1	0.08	165.779	7.15	7.15	3.86	3.82	28.8	28.80	51.8	52.40	3.78	3.83	33.27	33.35	62	82
M3	8/8/2026	Mid-Flood	Sunny	Low	9:10	2.1	M	1.05	2			7.14		3.78		28.8		53.0		3.87		33.43		101	
M1	8/8/2026	Mid-Ebb	Sunny	Low	17:00	2.5	M	1.25	1	0.067	316.142	7.11	7.12	2.98	3.02	29.1	29.10	40.0	40.35	2.92	2.95	21.53	21.415	97	88
M1	8/8/2026	Mid-Ebb	Sunny	Low	17:00	2.5	M	1.25	2			7.12		3.05		29.1		40.7		2.97		21.3		79	
M2	8/8/2026	Mid-Ebb	Sunny	Low	16:38	2.2	M	1.10	1	0.059	311.929	7.12	7.13	3.08	3.09	29.1	29.10	38.2	38.05	2.79	2.78	21.31	21.49	115	109
M2	8/8/2026	Mid-Ebb	Sunny	Low	16:38	2.2	M	1.10	2			7.14		3.09		29.1		37.9		2.77		21.67		103	
M3	8/8/2026	Mid-Ebb	Sunny	Low	17:20	1.9	M	0.95	1	0.07	343.316	7.16	7.15	3.71	3.72	29.1	29.10	54.1	53.65	3.95	3.92	33.05	33.21	116	109
M3	8/8/2026	Mid-Ebb	Sunny	Low	17:20	1.9	M	0.95	2			7.14		3.73		29.1		53.2		3.88		33.37		101	

Remark

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3. Action Level for Turbidity: 95%-ile of baseline data or 120% of upstream control station’ s turbidity recorded on the same day.
4. Limit Level for Turbidity: 99%-ile of baseline data or 130% of upstream control station's turbidity recorded on the same day.
5. Action Level for SS: 95%-ile of baseline data or 120% of upstream control station’ s SS recorded on the same day.
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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	131	142
M3(Impact Station)	3.28	3.14	74	78	131	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	130.5	141.375

Contract No. SPW 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement														Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	11/8/2026	Mid-Flood	Sunny	Low	12:09	2.6	M	1.30	1	0.093	183.45	7.11	7.11	2.90	2.93	29.6	29.60	41.2	41.90	2.92	2.97	19.08	18.93	54	62
M1	11/8/2026	Mid-Flood	Sunny	Low	12:09	2.6	M	1.30	2			7.11		2.96		29.6		42.6		3.02		18.78		69	
M2	11/8/2026	Mid-Flood	Sunny	Low	12:31	2.3	M	1.15	1	0.095	170.429	7.13	7.14	2.86	2.84	29.6	29.65	40.6	39.55	2.88	2.81	20.11	20.27	72	70
M2	11/8/2026	Mid-Flood	Sunny	Low	12:31	2.3	M	1.15	2			7.15		2.82		29.7		38.5		2.73		20.43		68	
M3	11/8/2026	Mid-Flood	Sunny	Low	12:52	2.1	M	1.05	1	0.085	166.701	7.17	7.18	3.42	3.42	29.6	29.60	52.0	52.30	3.69	3.71	26.89	27.025	67	67
M3	11/8/2026	Mid-Flood	Sunny	Low	12:52	2.1	M	1.05	2			7.19		3.42		29.6		52.6		3.73		27.16		66	
M1	11/8/2026	Mid-Ebb	Sunny	Low	17:48	2.5	M	1.25	1	0.074	315.616	7.12	7.13	2.73	2.77	29.2	29.25	38.5	39.25	2.73	2.79	18.59	18.74	55	60
M1	11/8/2026	Mid-Ebb	Sunny	Low	17:48	2.5	M	1.25	2			7.14		2.81		29.3		40.0		2.84		18.89		64	
M2	11/8/2026	Mid-Ebb	Sunny	Low	17:23	2.2	M	1.10	1	0.061	309.365	7.13	7.13	2.77	2.81	29.2	29.25	39.9	39.55	2.83	2.81	18.13	17.99	56	58
M2	11/8/2026	Mid-Ebb	Sunny	Low	17:23	2.2	M	1.10	2			7.13		2.85		29.3		39.2		2.78		17.85		60	
M3	11/8/2026	Mid-Ebb	Sunny	Low	18:13	1.9	M	0.95	1	0.069	337.995	7.17	7.17	3.45	3.46	29.2	29.20	55.6	56.15	3.94	3.98	25.11	25.23	59	65
M3	11/8/2026	Mid-Ebb	Sunny	Low	18:13	1.9	M	0.95	2			7.16		3.46		29.2		56.7		4.02		25.35		71	

Remark

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

For Flood Tide

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

For Ebb Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M1(Impact Station)	2.25	1.91	48.4	50.4	73.8	79.95

Contract No. SPW 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement														Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	13/8/2026	Mid-Flood	Cloudy	Low	13:47	2.5	M	1.25	1	0.079	190.644	7.08	7.09	3.06	3.03	28.5	28.55	41.6	42.20	2.99	3.04	16.78	16.82	176	182
M1	13/8/2026	Mid-Flood	Cloudy	Low	13:47	2.5	M	1.25	2			7.09		3		28.6		42.8		3.08		16.86		188	
M2	13/8/2026	Mid-Flood	Cloudy	Low	14:12	2.2	M	1.10	1	0.092	166.491	7.07	7.07	3.08	3.09	28.5	28.55	42.8	42.45	3.08	3.06	15.56	15.34	185	195
M2	13/8/2026	Mid-Flood	Cloudy	Low	14:12	2.2	M	1.10	2			7.06		3.09		28.6		42.1		3.03		15.12		205	
M3	13/8/2026	Mid-Flood	Cloudy	Low	14:37	2	M	1.00	1	0.079	188.305	7.13	7.14	3.33	3.32	28.5	28.50	55.7	55.65	4.01	4.01	26.33	26.13	94	101
M3	13/8/2026	Mid-Flood	Cloudy	Low	14:37	2	M	1.00	2			7.14		3.31		28.5		55.6		4		25.93		107	
M1	13/8/2026	Mid-Ebb	Cloudy	Low	9:11	2.4	M	1.20	1	0.075	306.04	7.07	7.08	2.96	3.01	28.2	28.25	41.0	40.10	2.95	2.89	14.99	15.07	149	118
M1	13/8/2026	Mid-Ebb	Cloudy	Low	9:11	2.4	M	1.20	2			7.09		3.05		28.3		39.2		2.82		15.15		86	
M2	13/8/2026	Mid-Ebb	Cloudy	Low	8:46	2.2	M	1.10	1	0.063	321.744	7.09	7.10	2.69	2.74	28.2	28.25	40.2	40.75	2.89	2.93	15.50	15.605	42	59
M2	13/8/2026	Mid-Ebb	Cloudy	Low	8:46	2.2	M	1.10	2			7.11		2.78		28.3		41.3		2.97		15.71		75	
M3	13/8/2026	Mid-Ebb	Cloudy	Low	9:36	1.9	M	0.95	1	0.065	321.266	7.14	7.15	3.42	3.38	28.2	28.20	58.5	59.00	4.21	4.25	26.98	27.16	184	173
M3	13/8/2026	Mid-Ebb	Cloudy	Low	9:36	1.9	M	0.95	2			7.16		3.34		28.2		59.5		4.28		27.34		161	

Remark

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

For Flood Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M2(Impact Station)	1.88	1.79	43.0	52.4	218	237
M3(Impact Station)	3.28	3.14	74	78	218	237

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	138.6	150.15

Contract No. SPW 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement														Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	15/8/2026	Mid-Flood	Cloudy	Low	15:02	2.4	M	1.20	1	0.084	173.466	7.07	7.07	2.93	2.98	27.7	27.70	41.0	41.30	2.99	3.02	22.49	22.59	107	114
M1	15/8/2026	Mid-Flood	Cloudy	Low	15:02	2.4	M	1.20	2			7.07		3.02		27.7		41.6		3.04		22.69		120	
M2	15/8/2026	Mid-Flood	Cloudy	Low	15:27	2.1	M	1.05	1	0.078	170.866	7.09	7.09	2.93	2.97	27.7	27.75	41.5	42.20	3.03	3.08	22.86	22.77	40	44
M2	15/8/2026	Mid-Flood	Cloudy	Low	15:27	2.1	M	1.05	2			7.08		3		27.8		42.9		3.13		22.68		47	
M3	15/8/2026	Mid-Flood	Cloudy	Low	15:49	1.9	M	0.95	1	0.091	174.107	7.12	7.13	3.35	3.33	27.7	27.70	52.5	52.70	3.83	3.85	30.60	30.385	41	59
M3	15/8/2026	Mid-Flood	Cloudy	Low	15:49	1.9	M	0.95	2			7.13		3.31		27.7		52.9		3.86		30.17		76	
M1	15/8/2026	Mid-Ebb	Cloudy	Low	8:44	2.4	M	1.20	1	0.064	323.466	7.06	7.07	2.72	2.69	27.1	27.15	40.8	40.70	2.98	2.97	21.15	20.945	25	33
M1	15/8/2026	Mid-Ebb	Cloudy	Low	8:44	2.4	M	1.20	2			7.08		2.66		27.2		40.6		2.96		20.74		41	
M2	15/8/2026	Mid-Ebb	Cloudy	Low	8:24	2.1	M	1.05	1	0.072	320.693	7.09	7.10	2.74	2.74	27.1	27.10	41.8	42.15	3.05	3.08	21.36	21.245	41	59
M2	15/8/2026	Mid-Ebb	Cloudy	Low	8:24	2.1	M	1.05	2			7.1		2.74		27.1		42.5		3.1		21.13		76	
M3	15/8/2026	Mid-Ebb	Cloudy	Low	9:07	1.8	M	0.90	1	0.08	334.9	7.15	7.15	3.61	3.63	27.1	27.15	54.1	54.65	3.95	3.99	31.15	30.955	42	63
M3	15/8/2026	Mid-Ebb	Cloudy	Low	9:07	1.8	M	0.90	2			7.14		3.65		27.2		55.2		4.03		30.76		83	

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	136	148
M3(Impact Station)	3.28	3.14	74	78	136	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	72.6	78.65

Contract No. SPW 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement														Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	18/8/2026	Mid-Flood	Cloudy	Low	16:25	2.6	M	1.30	1	0.085	163.699	7.08	7.07	3.25	3.28	27.8	27.80	40.4	40.40	2.91	2.91	22.95	22.9	36	43
M1	18/8/2026	Mid-Flood	Cloudy	Low	16:25	2.6	M	1.30	2			7.06		3.3		27.8		40.4		2.91		22.85		50	
M2	18/8/2026	Mid-Flood	Cloudy	Low	16:50	2.3	M	1.15	1	0.085	175.02	7.09	7.08	3.13	3.10	27.8	27.85	41.0	40.80	2.95	2.94	23.39	23.45	39	42
M2	18/8/2026	Mid-Flood	Cloudy	Low	16:50	2.3	M	1.15	2			7.07		3.06		27.9		40.6		2.92		23.51		44	
M3	18/8/2026	Mid-Flood	Cloudy	Low	17:15	2.1	M	1.05	1	0.085	184.937	7.13	7.13	3.38	3.36	27.8	27.85	54.6	54.20	3.93	3.90	30.30	30.385	40	43
M3	18/8/2026	Mid-Flood	Cloudy	Low	17:15	2.1	M	1.05	2			7.13		3.34		27.9		53.8		3.87		30.47		45	
M1	18/8/2026	Mid-Ebb	Cloudy	Low	10:51	2.5	M	1.25	1	0.081	314.654	7.08	7.07	3.02	3.04	27.6	27.60	40.4	40.55	2.91	2.92	23.01	23.08	40	43
M1	18/8/2026	Mid-Ebb	Cloudy	Low	10:51	2.5	M	1.25	2			7.06		3.05		27.6		40.7		2.93		23.15		45	
M2	18/8/2026	Mid-Ebb	Cloudy	Low	10:26	2.2	M	1.10	1	0.059	310.493	7.11	7.11	2.97	2.96	27.6	27.60	40.0	39.45	2.88	2.84	23.28	23.06	39	44
M2	18/8/2026	Mid-Ebb	Cloudy	Low	10:26	2.2	M	1.10	2			7.1		2.94		27.6		38.9		2.8		22.84		49	
M3	18/8/2026	Mid-Ebb	Cloudy	Low	11:16	1.9	M	0.95	1	0.069	304.049	7.15	7.15	3.48	3.45	27.6	27.60	55.5	56.25	3.99	4.05	29.67	29.67	44	41
M3	18/8/2026	Mid-Ebb	Cloudy	Low	11:16	1.9	M	0.95	2			7.15		3.41		27.6		57.0		4.1		29.67		38	

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For Flood Tide

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

For Ebb Tide

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

Contract No. SPW 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement														Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	20/8/2026	Mid-Flood	Cloudy	Low	16:57	2.6	M	1.30	1	0.091	181.031	7.1	7.10	3.00	3.01	27.9	27.95	39.2	39.25	2.82	2.83	21.69	21.815	67	60
M1	20/8/2026	Mid-Flood	Cloudy	Low	16:57	2.6	M	1.30	2			7.1		3.01		28		39.3		2.83		21.94		53	
M2	20/8/2026	Mid-Flood	Cloudy	Low	17:22	2.3	M	1.15	1	0.073	170.798	7.08	7.09	2.89	2.89	27.9	27.95	40.0	40.45	2.88	2.91	22.16	21.95	45	67
M2	20/8/2026	Mid-Flood	Cloudy	Low	17:22	2.3	M	1.15	2			7.1		2.88		28		40.9		2.94		21.74		88	
M3	20/8/2026	Mid-Flood	Cloudy	Low	17:47	2.1	M	1.05	1	0.094	170.368	7.14	7.15	3.35	3.38	27.9	27.90	53.5	53.10	3.85	3.82	34.49	34.36	71	69
M3	20/8/2026	Mid-Flood	Cloudy	Low	17:47	2.1	M	1.05	2			7.16		3.41		27.9		52.7		3.79		34.23		67	
M1	20/8/2026	Mid-Ebb	Cloudy	Low	13:24	2.5	M	1.25	1	0.065	319.895	7.09	7.08	2.76	2.73	28.3	28.30	40.6	41.20	2.92	2.97	23.45	23.265	53	61
M1	20/8/2026	Mid-Ebb	Cloudy	Low	13:24	2.5	M	1.25	2			7.07		2.7		28.3		41.8		3.01		23.08		68	
M2	20/8/2026	Mid-Ebb	Cloudy	Low	12:59	2.2	M	1.10	1	0.076	334.567	7.08	7.08	2.71	2.71	28.3	28.30	40.6	39.55	2.92	2.85	22.69	22.54	59	56
M2	20/8/2026	Mid-Ebb	Cloudy	Low	12:59	2.2	M	1.10	2			7.08		2.7		28.3		38.5		2.77		22.39		53	
M3	20/8/2026	Mid-Ebb	Cloudy	Low	13:44	1.9	M	0.95	1	0.078	339.726	7.14	7.15	3.60	3.60	28.3	28.35	55.3	54.90	3.98	3.95	34.16	34.115	57	51
M3	20/8/2026	Mid-Ebb	Cloudy	Low	13:44	1.9	M	0.95	2			7.15		3.6		28.4		54.5		3.92		34.07		45	

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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	64.2	69.55

Contract No. SPW 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement														Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	22/8/2026	Mid-Flood	Cloudy	Low	8:46	2.5	M	1.25	1	0.093	187.002	7.08	7.08	2.94	2.95	28.1	28.10	39.5	39.90	2.88	2.91	22.99	22.95	58	62
M1	22/8/2026	Mid-Flood	Cloudy	Low	8:46	2.5	M	1.25	2			7.07		2.95		28.1		40.3		2.94		22.91		65	
M2	22/8/2026	Mid-Flood	Cloudy	Low	9:11	2.2	M	1.10	1	0.089	187.529	7.07	7.07	2.86	2.88	28.1	28.15	40.1	40.80	2.93	2.98	23.59	23.505	66	75
M2	22/8/2026	Mid-Flood	Cloudy	Low	9:11	2.2	M	1.10	2			7.07		2.89		28.2		41.5		3.03		23.42		84	
M3	22/8/2026	Mid-Flood	Cloudy	Low	9:33	2	M	1.00	1	0.08	165.582	7.13	7.13	3.43	3.47	28.1	28.15	52.1	51.85	3.8	3.79	30.10	29.935	100	103
M3	22/8/2026	Mid-Flood	Cloudy	Low	9:33	2	M	1.00	2			7.13		3.5		28.2		51.6		3.77		29.77		105	
M1	22/8/2026	Mid-Ebb	Cloudy	Low	18:25	2.4	M	1.20	1	0.062	310.359	7.07	7.06	2.83	2.84	27.7	27.75	39.0	38.70	2.85	2.83	25.11	24.935	64	67
M1	22/8/2026	Mid-Ebb	Cloudy	Low	18:25	2.4	M	1.20	2			7.05		2.85		27.8		38.4		2.8		24.76		69	
M2	22/8/2026	Mid-Ebb	Cloudy	Low	18:00	2.2	M	1.10	1	0.069	304.858	7.06	7.07	2.74	2.74	27.7	27.75	37.9	37.85	2.77	2.77	25.98	25.855	80	77
M2	22/8/2026	Mid-Ebb	Cloudy	Low	18:00	2.2	M	1.10	2			7.08		2.73		27.8		37.8		2.76		25.73		74	
M3	22/8/2026	Mid-Ebb	Cloudy	Low	18:48	1.9	M	0.95	1	0.077	314.002	7.12	7.11	3.60	3.58	27.7	27.70	53.6	52.60	3.91	3.84	29.78	29.725	26	37
M3	22/8/2026	Mid-Ebb	Cloudy	Low	18:48	1.9	M	0.95	2			7.1		3.55		27.7		51.6		3.77		29.67		47	

Remark

1. Orange and Bold: Action Level Exceedance (For Impact Station Only)
2. Red and Bold: Limit Level Exceedance (For Impact Station Only)
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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	68.1	73.775

Contract No. SPW 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement														Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	25/8/2026	Mid-Flood	Cloudy	Low	11:41	2.5	M	1.25	1	0.088	185.699	7.12	7.13	3.11	3.16	28.9	28.90	40.0	39.30	2.84	2.79	22.30	22.47	50	52
M1	25/8/2026	Mid-Flood	Cloudy	Low	11:41	2.5	M	1.25	2			7.14		3.2		28.9		38.6		2.74		22.64		54	
M2	25/8/2026	Mid-Flood	Cloudy	Low	12:04	2.2	M	1.10	1	0.084	176.844	7.12	7.13	3.19	3.23	28.9	28.90	40.6	40.10	2.88	2.85	21.16	21	62	54
M2	25/8/2026	Mid-Flood	Cloudy	Low	12:04	2.2	M	1.10	2			7.13		3.26		28.9		39.6		2.81		20.84		46	
M3	25/8/2026	Mid-Flood	Cloudy	Low	12:25	2	M	1.00	1	0.075	164.933	7.15	7.15	3.83	3.85	28.9	28.95	54.4	55.05	3.86	3.91	29.13	29.185	53	51
M3	25/8/2026	Mid-Flood	Cloudy	Low	12:25	2	M	1.00	2			7.14		3.86		29		55.7		3.95		29.24		49	
M1	25/8/2026	Mid-Ebb	Cloudy	Low	17:18	2.4	M	1.20	1	0.059	334.189	7.11	7.11	3.09	3.08	28.4	28.40	39.1	38.00	2.77	2.70	21.68	21.685	52	54
M1	25/8/2026	Mid-Ebb	Cloudy	Low	17:18	2.4	M	1.20	2			7.11		3.06		28.4		36.9		2.62		21.69		56	
M2	25/8/2026	Mid-Ebb	Cloudy	Low	16:57	2.2	M	1.10	1	0.074	313.993	7.11	7.11	3.05	3.01	28.4	28.45	40.5	40.15	2.87	2.85	22.15	22.255	49	50
M2	25/8/2026	Mid-Ebb	Cloudy	Low	16:57	2.2	M	1.10	2			7.11		2.96		28.5		39.8		2.82		22.36		51	
M3	25/8/2026	Mid-Ebb	Cloudy	Low	17:40	1.9	M	0.95	1	0.065	329.52	7.17	7.17	3.65	3.62	28.4	28.40	53.3	53.25	3.78	3.78	30.25	30.42	48	53
M3	25/8/2026	Mid-Ebb	Cloudy	Low	17:40	1.9	M	0.95	2			7.17		3.59		28.4		53.2		3.77		30.59		58	

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	61.8	68

Contract No. SPW 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement														Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	27/8/2026	Mid-Flood							1				0.00		0.00		0.00		0.00		0.00		0		0
M1	27/8/2026	Mid-Flood						2																	
M2	27/8/2026	Mid-Flood							1				0.00		0.00		0.00		0.00		0.00		0		0
M2	27/8/2026	Mid-Flood						2																	
M3	27/8/2026	Mid-Flood							1				0.00		0.00		0.00		0.00		0.00		0		0
M3	27/8/2026	Mid-Flood						2																	
M1	27/8/2026	Mid-Ebb	Cloudy	Low	8:21	2.4	M	1.20	1	0.058	300.625	7.05	7.04	2.69	2.72	26.8	26.85	38.4	38.95	2.8	2.84	26.35	26.405	98	99
M1	27/8/2026	Mid-Ebb	Cloudy	Low	8:21	2.4	M	1.20	2			7.03		2.75		26.9		39.5		2.88		26.46		100	
M2	27/8/2026	Mid-Ebb	Cloudy	Low	8:00	2.2	M	1.10	1	0.064	308.092	7.04	7.04	2.73	2.78	26.8	26.80	37.4	36.65	2.73	2.68	27.11	27.145	100	101
M2	27/8/2026	Mid-Ebb	Cloudy	Low	8:00	2.2	M	1.10	2			7.04		2.82		26.8		35.9		2.62		27.18		101	
M3	27/8/2026	Mid-Ebb	Cloudy	Low	8:42	1.9	M	0.95	1	0.065	313	7.1	7.11	3.50	3.47	26.8	26.80	50.7	49.65	3.7	3.63	36.15	36.305	100	102
M3	27/8/2026	Mid-Ebb	Cloudy	Low	8:42	1.9	M	0.95	2			7.12		3.43		26.8		48.6		3.55		36.46		104	

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	121.5	131.625

Contract No. SPW 01/2025 Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement														Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	29/8/2026	Mid-Flood	Cloudy	Low	14:06	2.6	M	1.30	1	0.082	188.134	7.08	7.08	3.25	3.25	26.7	26.75	39.5	37.70	2.88	2.75	21.99	21.925	19	18
M1	29/8/2026	Mid-Flood	Cloudy	Low	14:06	2.6	M	1.30	2			7.07		3.24		26.8		35.9		2.62		21.86		17	
M2	29/8/2026	Mid-Flood	Cloudy	Low	14:26	2.3	M	1.15	1	0.074	161.154	7.09	7.09	3.28	3.33	26.7	26.70	40.7	39.45	2.97	2.88	20.10	19.995	12	15
M2	29/8/2026	Mid-Flood	Cloudy	Low	14:26	2.3	M	1.15	2			7.08		3.37		26.7		38.2		2.79		19.89		17	
M3	29/8/2026	Mid-Flood	Cloudy	Low	14:48	2.1	M	1.05	1	0.073	181.499	7.11	7.12	3.55	3.57	26.7	26.70	51.4	50.50	3.75	3.69	35.05	34.89	76	78
M3	29/8/2026	Mid-Flood	Cloudy	Low	14:48	2.1	M	1.05	2			7.12		3.59		26.7		49.6		3.62		34.73		80	
M1	29/8/2026	Mid-Ebb	Cloudy	Low	9:45	2.5	M	1.25	1	0.078	327.709	7.07	7.07	2.78	2.74	26.4	26.40	39.3	38.85	2.87	2.84	22.62	22.57	78	71
M1	29/8/2026	Mid-Ebb	Cloudy	Low	9:45	2.5	M	1.25	2			7.06		2.69		26.4		38.4		2.8		22.52		63	
M2	29/8/2026	Mid-Ebb	Cloudy	Low	9:24	2.2	M	1.10	1	0.071	308.204	7.09	7.10	2.72	2.72	26.4	26.40	40.8	40.20	2.98	2.94	21.89	22.06	75	72
M2	29/8/2026	Mid-Ebb	Cloudy	Low	9:24	2.2	M	1.10	2			7.11		2.72		26.4		39.6		2.89		22.23		68	
M3	29/8/2026	Mid-Ebb	Cloudy	Low	10:07	1.9	M	0.95	1	0.08	308.873	7.12	7.12	3.52	3.55	26.4	26.45	51.5	51.05	3.76	3.73	35.08	35.09	62	53
M3	29/8/2026	Mid-Ebb	Cloudy	Low	10:07	1.9	M	0.95	2			7.12		3.57		26.5		50.6		3.69		35.1		44	

Remark

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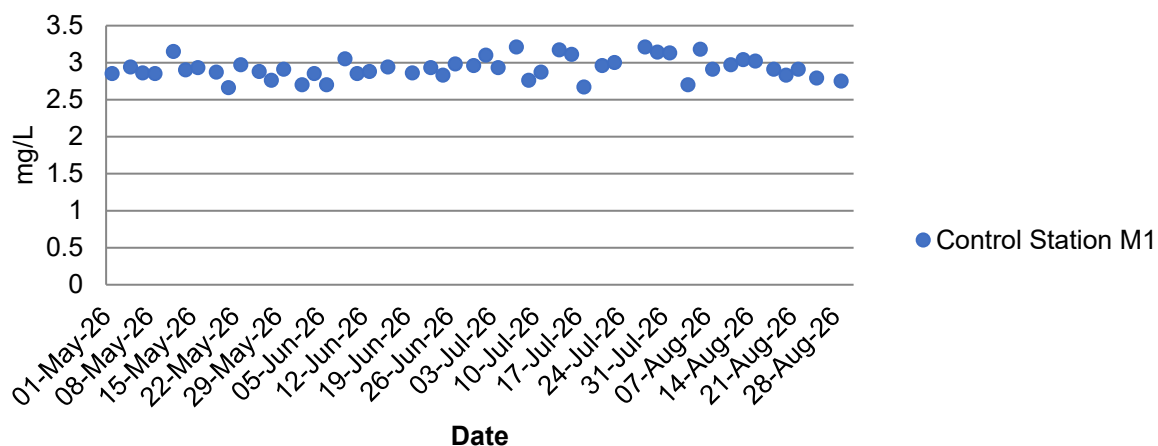
For Flood Tide

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

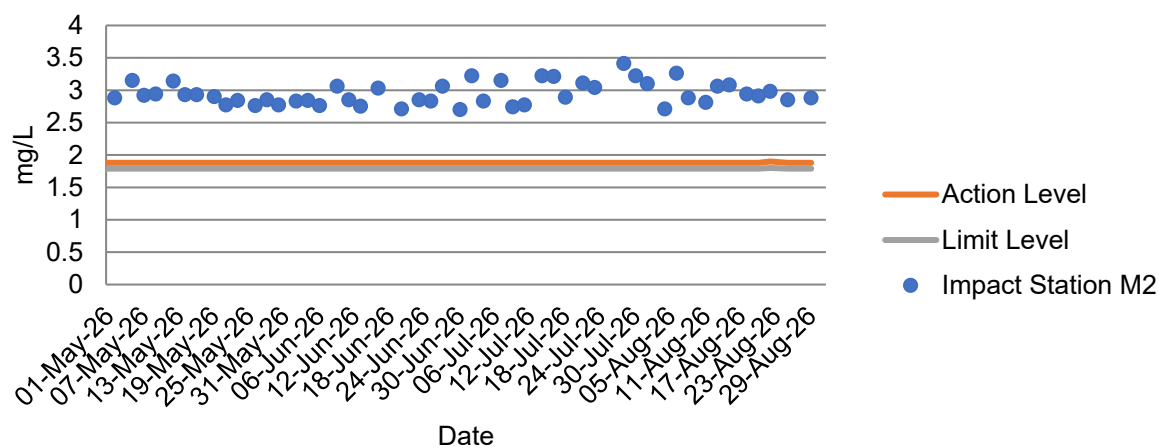
For Ebb Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M1(Impact Station)	2.25	1.91	48.4	50.4	74.7	80.925

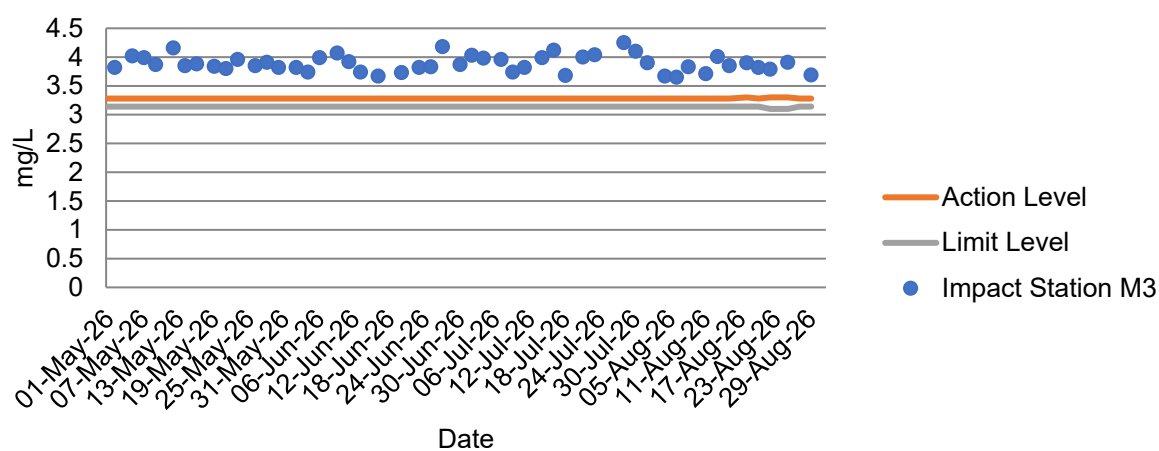
Dissolved Oxygen at Mid-Flood Tide



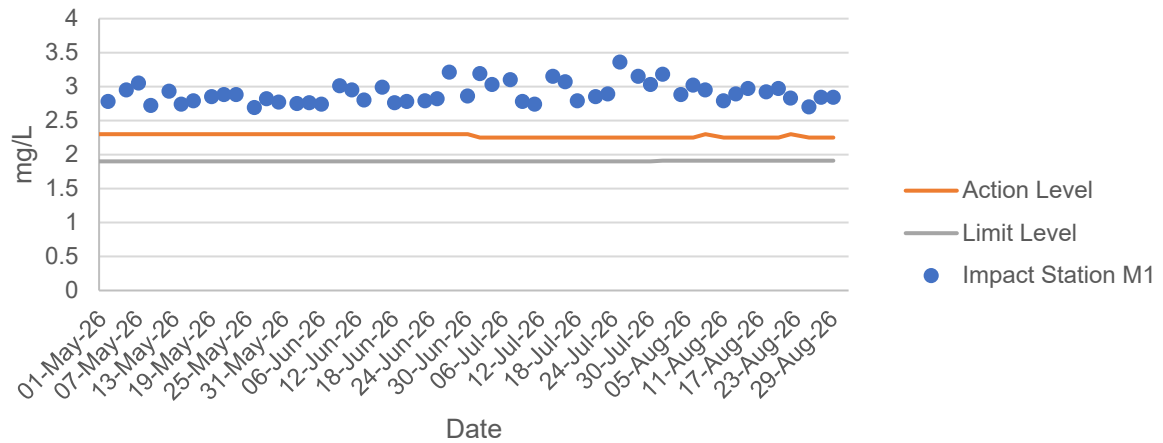
Dissolved Oxygen at Mid-Flood Tide



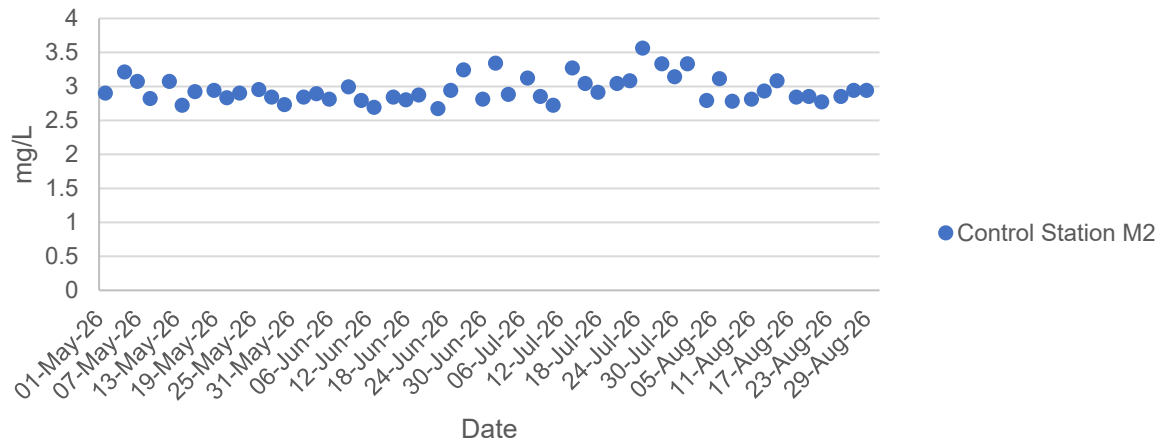
Dissolved Oxygen at Mid-Flood Tide



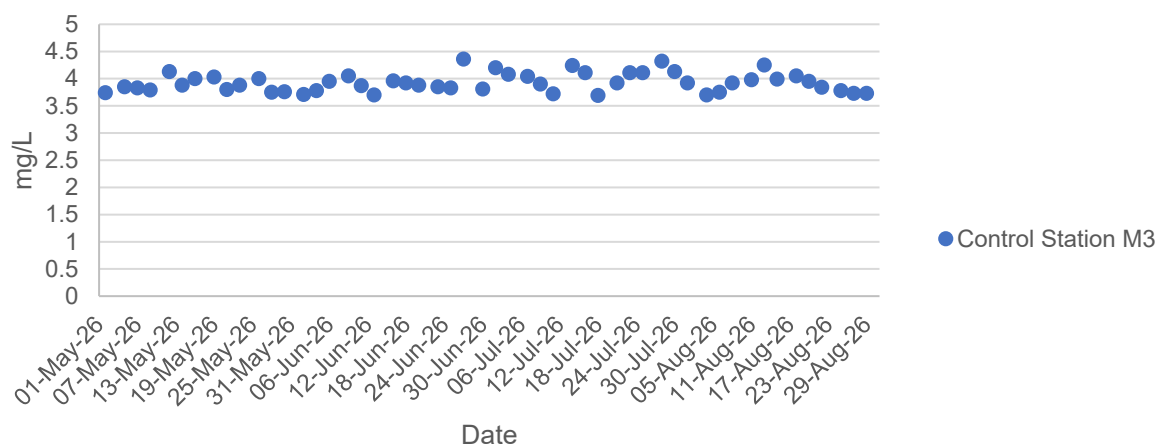
Dissolved Oxygen at Mid-Ebb Tide

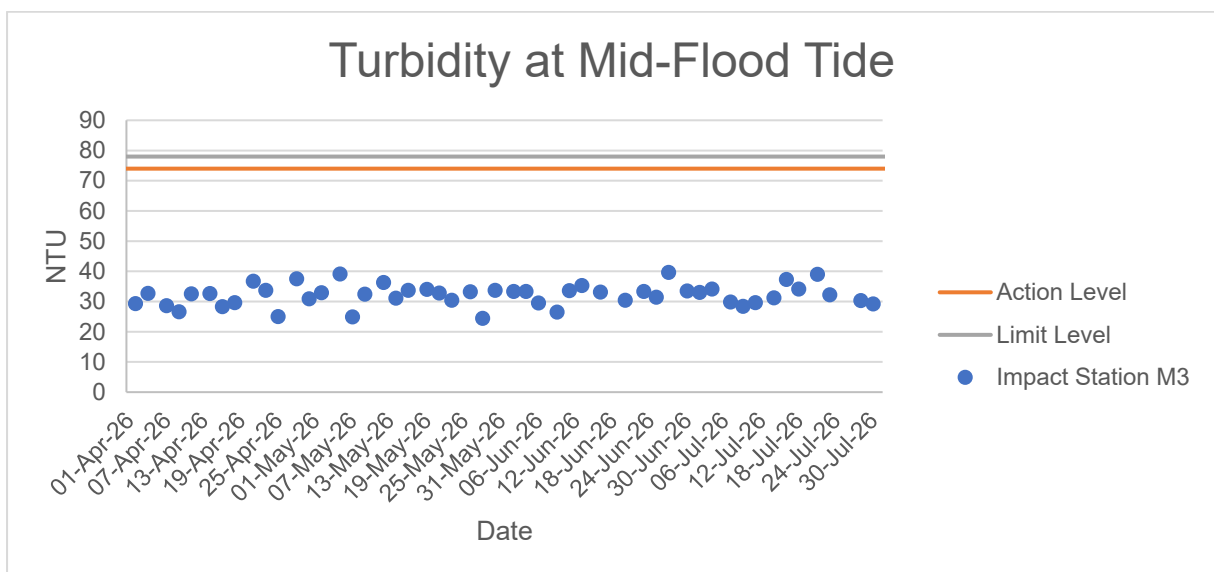
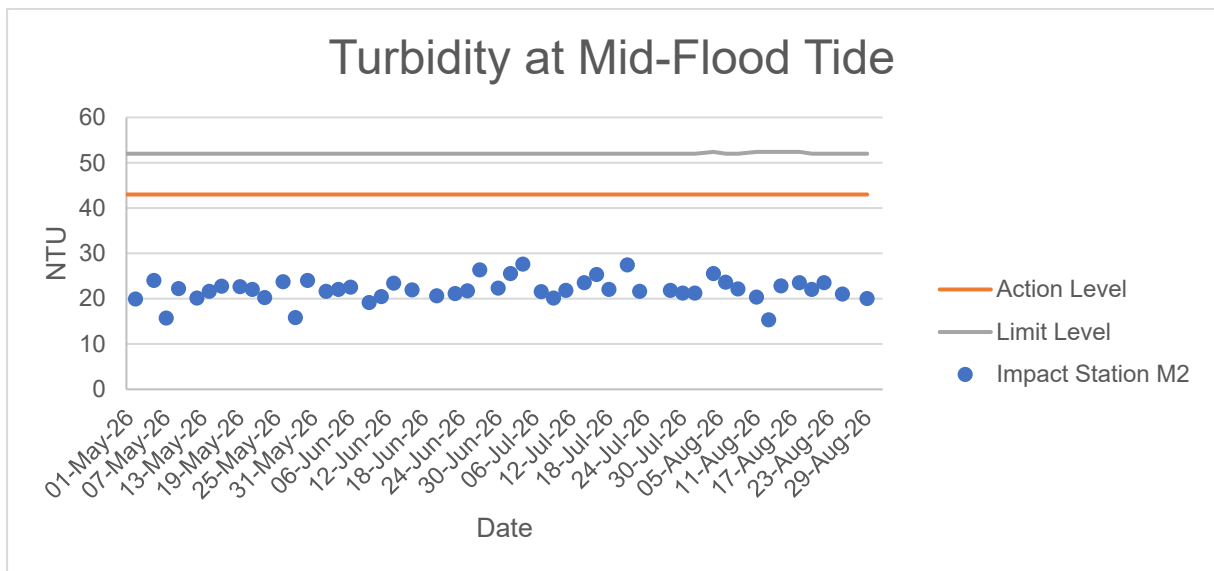
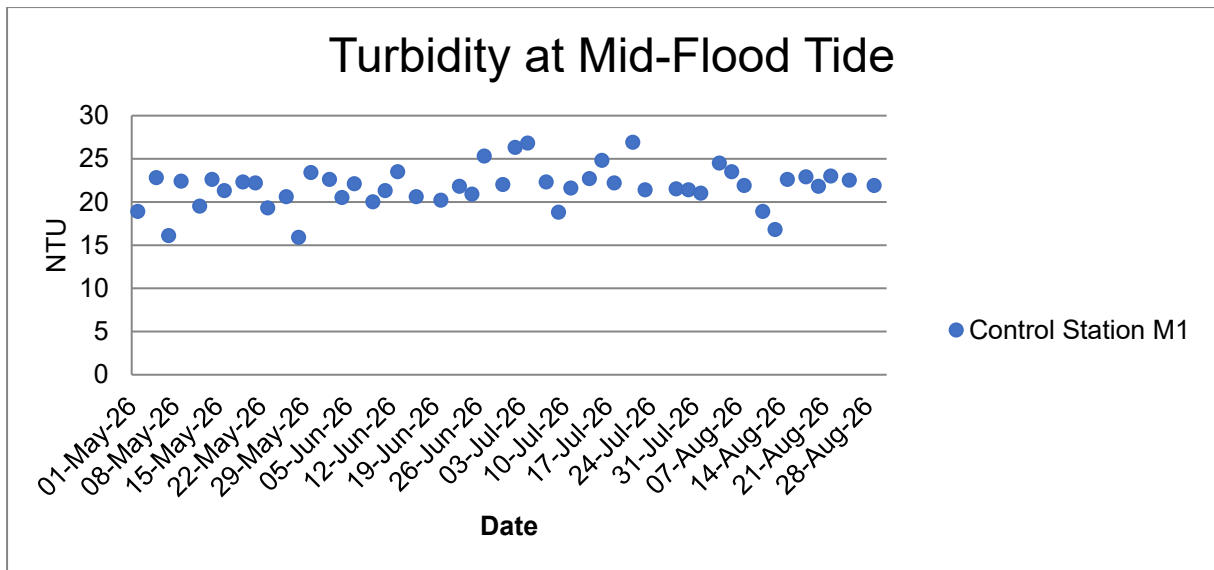


Dissolved Oxygen at Mid-Ebb Tide

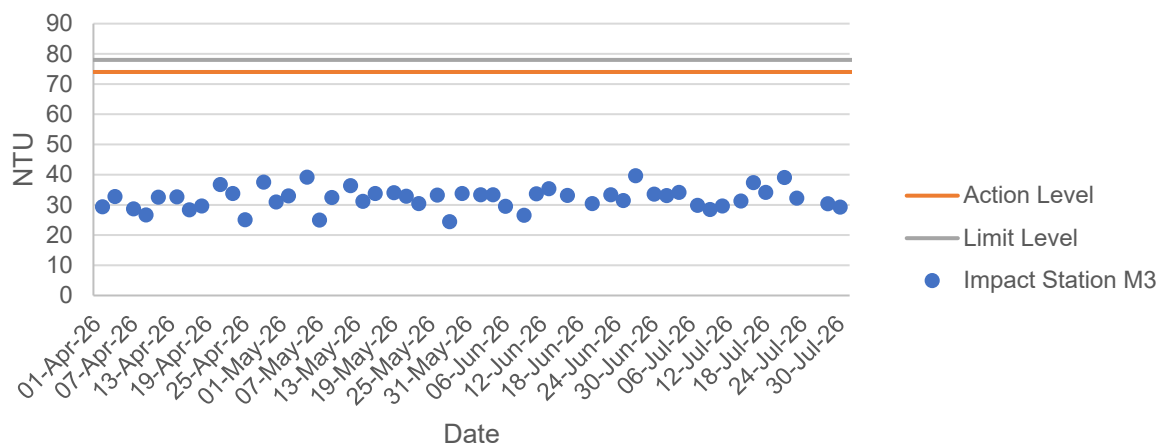


Dissolved Oxygen at Mid-Ebb Tide

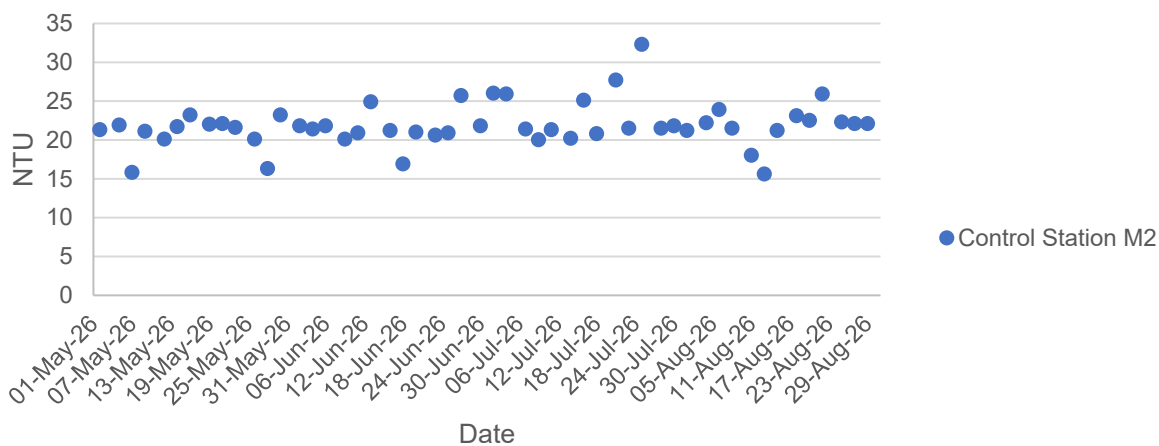




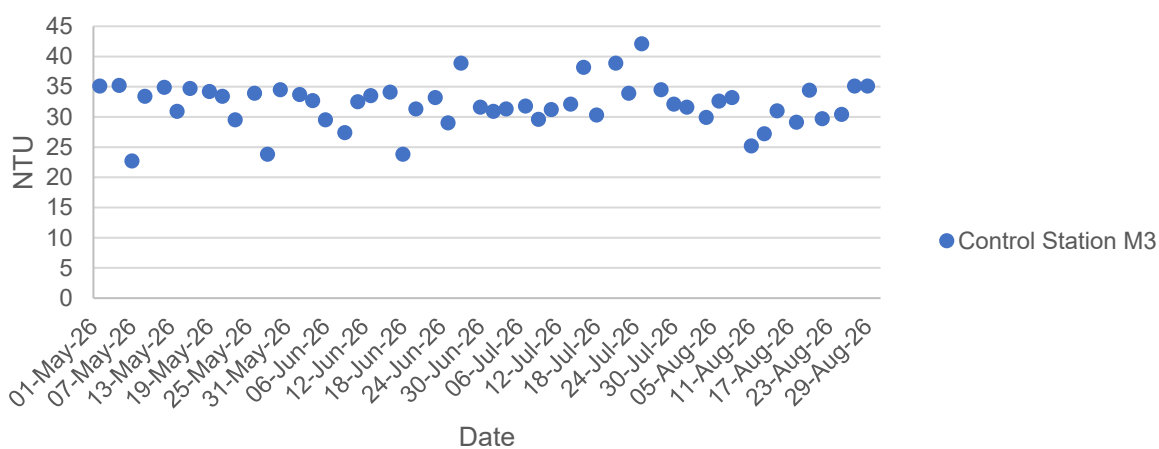
Turbidity at Mid-Flood Tide



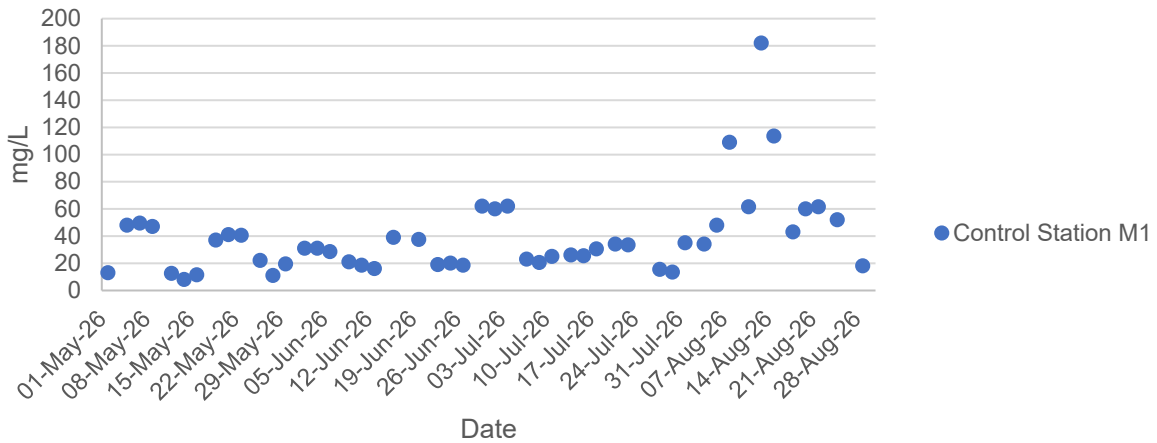
Turbidity at Mid-Ebb Tide



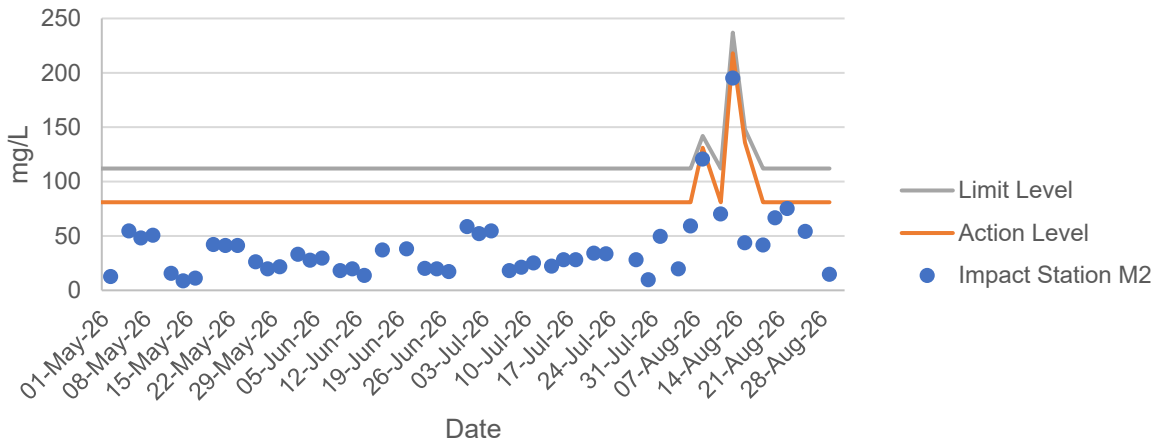
Turbidity at Mid-Ebb Tide



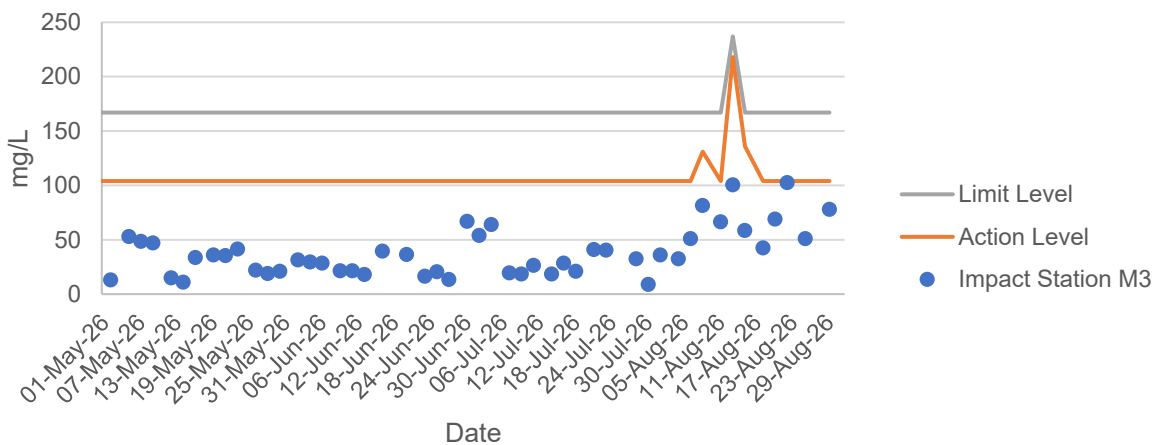
Total Suspended Solids at Mid-Flood Tide



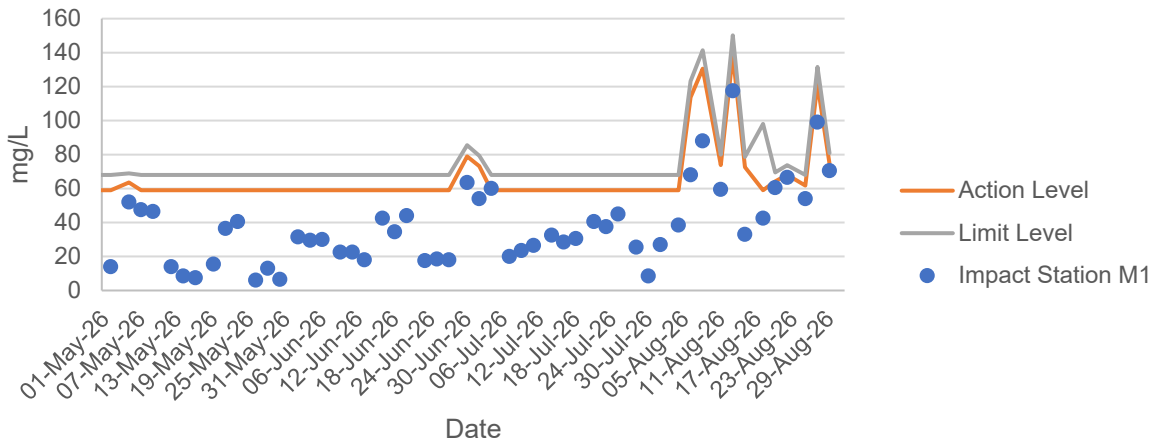
Total Suspended Solids at Mid-Flood Tide



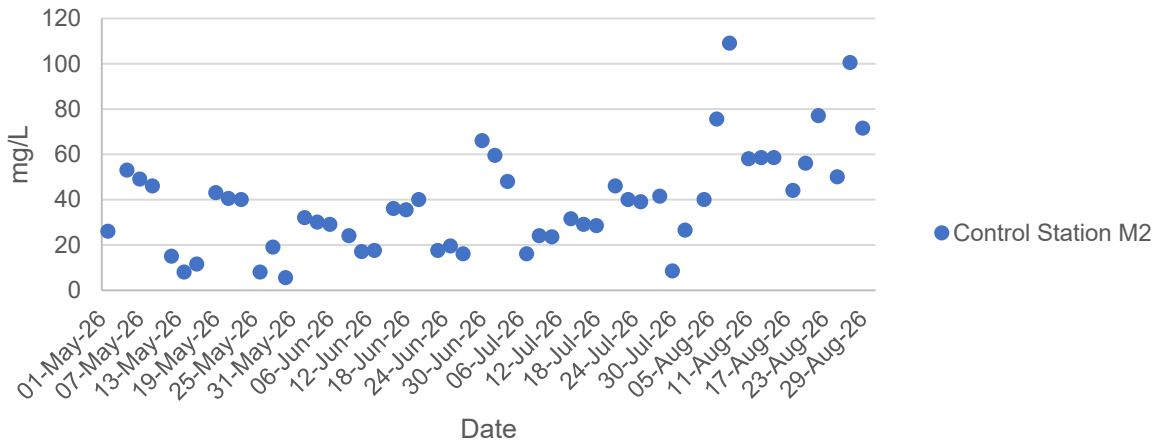
Total Suspended Solids at Mid-Flood Tide



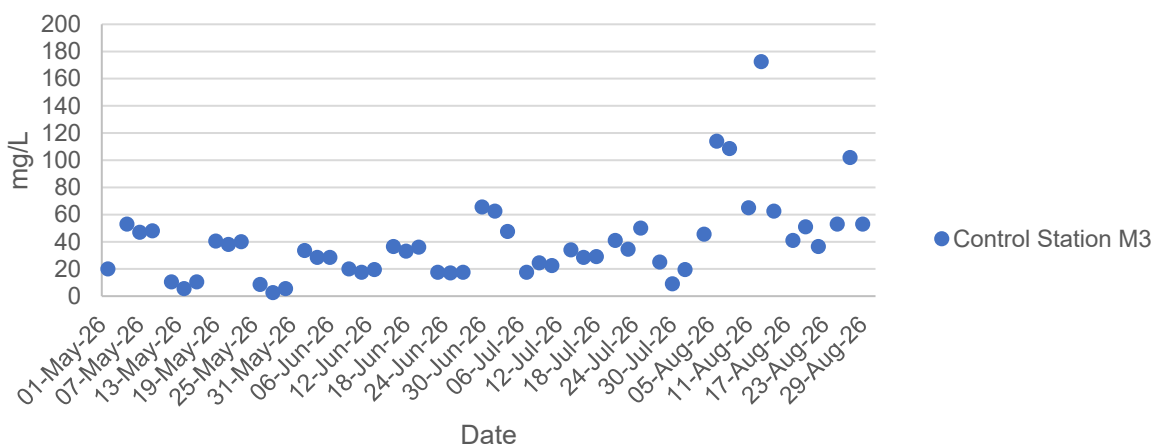
Total Suspended Solids at Mid-Ebb Tide



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 (05 August 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
05/08/2026	Daytime	Wet	FLW	Point Count	FLW1	Chinese Pond Heron	<i>Ardeola bacchus</i>	21	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	FLW	Point Count	FLW1	Grey Heron	<i>Ardea cinerea</i>	1	Common	WV	PRC	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	FLW	Point Count	FLW1	Great Egret	<i>Ardea alba</i>	2	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	FLW	Point Count	FLW1	Little Ringed Plover	<i>Charadrius dubius</i>	1	Common	WV,PM	(LC)	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	FLW	Point Count	FLW1	Common Sandpiper	<i>Actitis hypoleucos</i>	1	Common	PM,WV	-	-	-	LC	LC	N	Y
05/08/2026	Daytime	Wet	FLW	Point Count	FLW2	White-breasted Waterhen	<i>Amauornis phoenicurus</i>	1	Common	R	-	-	-	LC	LC	N	Y
05/08/2026	Daytime	Wet	FLW	Point Count	FLW2	Barn Swallow	<i>Hirundo rustica</i>	1	Abundant	PM,SV	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Point Count	FLW2	Black-collared Starling	<i>Gracupica nigricollis</i>	2	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Point Count	FLW3	Black Kite	<i>Milvus migrans</i>	1	Common	R,WV	(RC)	Class II	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	FLW	Point Count	FLW3	Spotted Dove	<i>Spilopelia chinensis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Point Count	FLW3	White Wagtail	<i>Motacilla alba</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Point Count	FLW4	Chinese Pond Heron	<i>Ardeola bacchus</i>	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	FLW	Point Count	FLW4	Spotted Dove	<i>Spilopelia chinensis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Point Count	FLW4	Common Kingfisher	<i>Alcedo atthis</i>	1	Common	PM,WV	-	-	-	LC	LC	N	Y
05/08/2026	Daytime	Wet	FLW	Point Count	FLW4	Long-tailed Shrike	<i>Lanius schach</i>	1	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Point Count	FLW4	Barn Swallow	<i>Hirundo rustica</i>	3	Abundant	PM,SV	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Point Count	FLW4	Crested Myna	<i>Acridotheres cristatellus</i>	4	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Point Count	FLW4	White Wagtail	<i>Motacilla alba</i>	2	Common	PM,WV	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Point Count	FLW5	Little Grebe	<i>Tachybaptus ruficollis</i>	7	Common	R	LC	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	FLW	Point Count	FLW5	Chinese Pond Heron	<i>Ardeola bacchus</i>	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	FLW	Point Count	FLW5	Great Egret	<i>Ardea alba</i>	3	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	FLW	Point Count	FLW5	White-breasted Waterhen	<i>Amauornis phoenicurus</i>	3	Common	R	-	-	-	LC	LC	N	Y
05/08/2026	Daytime	Wet	FLW	Point Count	FLW5	Black-winged stilt	<i>Himantopus himantopus</i>	17	Common	PM	RC	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	FLW	Point Count	FLW5	Common Sandpiper	<i>Actitis hypoleucos</i>	1	Common	PM,WV	-	-	-	LC	LC	N	Y
05/08/2026	Daytime	Wet	FLW	Point Count	FLW5	Common Greenshank	<i>Tringa nebularia</i>	1	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	FLW	Point Count	FLW5	Spotted Dove	<i>Spilopelia chinensis</i>	8	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Point Count	FLW5	Long-tailed Shrike	<i>Lanius schach</i>	1	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Point Count	FLW5	Black Drongo	<i>Dicrurus macrocercus</i>	3	Common	SV	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Point Count	FLW5	Black-collared Starling	<i>Gracupica nigricollis</i>	8	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Point Count	FLW5	Eurasian Tree Sparrow	<i>Passer montanus</i>	4	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Point Count	FLW5	White Wagtail	<i>Motacilla alba</i>	8	Common	PM,WV	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Point Count	FLW6	Chinese Pond Heron	<i>Ardeola bacchus</i>	5	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	FLW	Point Count	FLW6	Great Egret	<i>Ardea alba</i>	4	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	FLW	Point Count	FLW6	Black Drongo	<i>Dicrurus macrocercus</i>	1	Common	SV	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Point Count	FLW6	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	3	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Point Count	FLW6	Crested Myna	<i>Acridotheres cristatellus</i>	4	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Point Count	FLW7	Chinese Pond Heron	<i>Ardeola bacchus</i>	34	Common	R	PRC (RC)	-	-	LC	LC	Y	Y

Appendix F.1 Ecological Bird Monitoring Result (05 August 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
05/08/2026	Daytime	Wet	FLW	Point Count	FLW7	Great Egret	<i>Ardea alba</i>	8	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	FLW	Point Count	FLW7	Little Egret	<i>Egretta garzetta</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	FLW	Point Count	FLW7	Spotted Dove	<i>Spilopelia chinensis</i>	6	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Point Count	FLW7	Swinhoe's White-eye	<i>Zosterops simplex</i>	2	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Point Count	FLW7	Black-collared Starling	<i>Gracupica nigricollis</i>	2	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Point Count	FLW7	White Wagtail	<i>Motacilla alba</i>	2	Common	PM,WV	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	NSW1	Little Grebe	<i>Tachybaptus ruficollis</i>	2	Common	R	LC	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	NSW	Point Count	NSW1	Chinese Pond Heron	<i>Ardeola bacchus</i>	3	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	NSW	Point Count	NSW1	Black Kite	<i>Milvus migrans</i>	1	Common	R,WV	(RC)	Class II	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	NSW	Point Count	NSW1	White-breasted Waterhen	<i>Amauornis phoenicurus</i>	4	Common	R	-	-	-	LC	LC	N	Y
05/08/2026	Daytime	Wet	NSW	Point Count	NSW1	Common Sandpiper	<i>Actitis hypoleucos</i>	1	Common	PM,WV	-	-	-	LC	LC	N	Y
05/08/2026	Daytime	Wet	NSW	Point Count	NSW1	Spotted Dove	<i>Spilopelia chinensis</i>	6	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	NSW1	Common Kingfisher	<i>Alcedo atthis</i>	1	Common	PM,WV	-	-	-	LC	LC	N	Y
05/08/2026	Daytime	Wet	NSW	Point Count	NSW1	Collared Crow	<i>Corvus torquatus</i>	1	Uncommon	R	LC	-	-	NT	VU	Y	Y
05/08/2026	Daytime	Wet	NSW	Point Count	NSW1	Large-billed Crow	<i>Corvus macrorhynchos</i>	1	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	NSW1	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	3	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	NSW1	Crested Myna	<i>Acridotheres cristatellus</i>	3	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	NSW1	Black-collared Starling	<i>Gracupica nigricollis</i>	3	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	NSW1	Oriental Magpie Robin	<i>Copsychus saularis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	NSW1	Eurasian Tree Sparrow	<i>Passer montanus</i>	2	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	NSW1	Scaly-breasted Munia	<i>Lonchura punctulata</i>	7	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Chinese Pond Heron	<i>Ardeola bacchus</i>	4	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Great Egret	<i>Ardea alba</i>	1	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Little Egret	<i>Egretta garzetta</i>	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Common Redshank	<i>Tringa totanus</i>	6	Common	PM	RC	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Spotted Dove	<i>Spilopelia chinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	White-throated Kingfisher	<i>Halcyon smyrnensis</i>	1	Common	R	(LC)	Class II	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Large-billed Crow	<i>Corvus macrorhynchos</i>	1	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Chinese Bulbul	<i>Pycnonotus sinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Plain Prinia	<i>Prinia inornata</i>	6	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Common Tailorbird	<i>Orthotomus sutorius</i>	1	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Crested Myna	<i>Acridotheres cristatellus</i>	2	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Black-collared Starling	<i>Gracupica nigricollis</i>	3	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Chinese Pond Heron	<i>Ardeola bacchus</i>	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Grey Heron	<i>Ardea cinerea</i>	1	Common	WV	PRC	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Great Egret	<i>Ardea alba</i>	2	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Little Egret	<i>Egretta garzetta</i>	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y

Appendix F.1 Ecological Bird Monitoring Result (05 August 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
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Common Redshank	<i>Tringa totanus</i>	3	Common	PM	RC	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Common Greenshank	<i>Tringa nebularia</i>	2	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Spotted Dove	<i>Spilopelia chinensis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Collared Crow	<i>Corvus torquatus</i>	1	Uncommon	R	LC	-	-	NT	VU	Y	Y
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Large-billed Crow	<i>Corvus macrorhynchos</i>	1	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	4	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Barn Swallow	<i>Hirundo rustica</i>	3	Abundant	PM,SV	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Plain Prinia	<i>Prinia inornata</i>	2	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Masked Laughingthrush	<i>Pterorhinus perspicillatus</i>	3	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Crested Myna	<i>Acridotheres cristatellus</i>	4	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Oriental Magpie Robin	<i>Copsychus saularis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Scaly-breasted Munia	<i>Lonchura punctulata</i>	4	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Chinese Pond Heron	<i>Ardeola bacchus</i>	3	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Grey Heron	<i>Ardea cinerea</i>	1	Common	WV	PRC	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Great Egret	<i>Ardea alba</i>	1	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Little Egret	<i>Egretta garzetta</i>	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Common Redshank	<i>Tringa totanus</i>	2	Common	PM	RC	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Common Greenshank	<i>Tringa nebularia</i>	1	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Spotted Dove	<i>Spilopelia chinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Greater Coucal	<i>Centropus sinensis</i>	2	Common	R	-	Class II	VU	LC	LC	Y	N
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Barn Swallow	<i>Hirundo rustica</i>	4	Abundant	PM,SV	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Yellow-bellied Prinia	<i>Prinia flaviventris</i>	1	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Plain Prinia	<i>Prinia inornata</i>	2	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Black-collared Starling	<i>Gracupica nigricollis</i>	4	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Oriental Magpie Robin	<i>Copsychus saularis</i>	3	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	White Wagtail	<i>Motacilla alba</i>	2	Common	PM,WV	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Transect	FLW	Chinese Pond Heron	<i>Ardeola bacchus</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	FLW	Transect	FLW	Intermediate Egret	<i>Ardea intermedia</i>	1	Common	PM	RC	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	FLW	Transect	FLW	Little Egret	<i>Egretta garzetta</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	FLW	Transect	FLW	Spotted Dove	<i>Spilopelia chinensis</i>	4	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Transect	FLW	Greater Coucal	<i>Centropus sinensis</i>	3	Common	R	-	Class II	VU	LC	LC	Y	N
05/08/2026	Daytime	Wet	FLW	Transect	FLW	Asian Koel	<i>Eudynamis scolopaceus</i>	1	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Transect	FLW	House Swift	<i>Apus nipalensis</i>	2	Abundant, Common	SpM,R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Transect	FLW	White-throated Kingfisher	<i>Halcyon smyrnensis</i>	1	Common	R	(LC)	Class II	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	FLW	Transect	FLW	Black Drongo	<i>Dicrurus macrocerus</i>	1	Common	SV	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Transect	FLW	Large-billed Crow	<i>Corvus macrorhynchos</i>	1	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Transect	FLW	Japanese Tit	<i>Parus minor</i>	2	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Transect	FLW	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	4	Abundant	R	-	-	-	LC	LC	N	N

Appendix F.1 Ecological Bird Monitoring Result (05 August 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
05/08/2026	Daytime	Wet	FLW	Transect	FLW	Chinese Bulbul	<i>Pycnonotus sinensis</i>	5	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Transect	FLW	Barn Swallow	<i>Hirundo rustica</i>	3	Abundant	PM,SV	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Transect	FLW	Yellow-bellied Prinia	<i>Prinia flaviventris</i>	1	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Transect	FLW	Plain Prinia	<i>Prinia inornata</i>	4	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Transect	FLW	Common Tailorbird	<i>Orthotomus sutorius</i>	1	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Transect	FLW	Masked Laughingthrush	<i>Pterorhinus perspicillatus</i>	3	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Transect	FLW	Swinhoe's White-eye	<i>Zosterops simplex</i>	1	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Transect	FLW	Crested Myna	<i>Acridotheres cristatellus</i>	4	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Transect	FLW	Black-collared Starling	<i>Gracupica nigricollis</i>	2	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Transect	FLW	Scaly-breasted Munia	<i>Lonchura punctulata</i>	7	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	FLW	Transect	FLW	Hair-crested Drongo	<i>Dicrurus hottentottus</i>	1	Common	PM,SV	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Transect	NSW	Spotted Dove	<i>Spilopelia chinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Transect	NSW	Black Drongo	<i>Dicrurus macrocercus</i>	1	Common	SV	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Transect	NSW	Azure-winged Magpie	<i>Cyanopica cyanus</i>	1	Introduced	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Transect	NSW	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	4	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Transect	NSW	Yellow-bellied Prinia	<i>Prinia flaviventris</i>	1	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Transect	NSW	Common Tailorbird	<i>Orthotomus sutorius</i>	1	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Transect	NSW	Masked Laughingthrush	<i>Pterorhinus perspicillatus</i>	2	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Transect	NSW	Crested Myna	<i>Acridotheres cristatellus</i>	3	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Transect	NSW	Black-collared Starling	<i>Gracupica nigricollis</i>	3	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	NSW	Transect	NSW	Scaly-breasted Munia	<i>Lonchura punctulata</i>	3	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Chinese Pond Heron	<i>Ardeola bacchus</i>	5	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Great Egret	<i>Ardea alba</i>	2	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Little Egret	<i>Egretta garzetta</i>	4	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	White-breasted Waterhen	<i>Amauornis phoenicurus</i>	1	Common	R	-	-	-	LC	LC	N	Y
05/08/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Common Moorhen	<i>Gallinula chloropus</i>	1	Common	R	-	-	-	LC	LC	N	Y
05/08/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Common Redshank	<i>Tringa totanus</i>	10	Common	PM	RC	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Marsh Sandpiper	<i>Tringa stagnatilis</i>	2	Common	PM,WV	RC	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Common Greenshank	<i>Tringa nebularia</i>	3	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
05/08/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Spotted Dove	<i>Spilopelia chinensis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Common Kingfisher	<i>Alcedo atthis</i>	1	Common	PM,WV	-	-	-	LC	LC	N	Y
05/08/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Japanese Tit	<i>Parus minor</i>	1	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Chinese Bulbul	<i>Pycnonotus sinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	YLIE-	Transect	YLIE-CW	Plain Prinia	<i>Prinia inornata</i>	3	Common	R	-	-	-	LC	LC	N	N

Appendix F.1 Ecological Bird Monitoring Result (05 August 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
			CW														
05/08/2026	Daytime	Wet	YLIE- CW	Transect	YLIE-CW	Crested Myna	<i>Acridotheres cristatellus</i>	3	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	YLIE- CW	Transect	YLIE-CW	Black-collared Starling	<i>Gracupica nigricollis</i>	6	Common	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	YLIE- CW	Transect	YLIE-CW	Eurasian Tree Sparrow	<i>Passer montanus</i>	2	Abundant	R	-	-	-	LC	LC	N	N
05/08/2026	Daytime	Wet	YLIE- CW	Transect	YLIE-CW	Scaly-breasted Munia	<i>Lonchura punctulata</i>	2	Common	R	-	-	-	LC	LC	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 August 2026)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) ²
<i>Hirundo rustica</i>	11	0.0342	-3.3767	-0.1154	0.3895
<i>Dicrurus macrocercus</i>	4	0.0124	-4.3883	-0.0545	0.2392
<i>Milvus migrans</i>	2	0.0062	-5.0814	-0.0316	0.1604
<i>Gracupica nigricollis</i>	22	0.0683	-2.6835	-0.1833	0.4920
<i>Himantopus himantopus</i>	17	0.0528	-2.9413	-0.1553	0.4568
<i>Pycnonotus sinensis</i>	2	0.0062	-5.0814	-0.0316	0.1604
<i>Corvus torquatus</i>	2	0.0062	-5.0814	-0.0316	0.1604
<i>Tringa nebularia</i>	4	0.0124	-4.3883	-0.0545	0.2392
<i>Alcedo atthis</i>	2	0.0062	-5.0814	-0.0316	0.1604
<i>Tringa totanus</i>	11	0.0342	-3.3767	-0.1154	0.3895
<i>Actitis hypoleucos</i>	3	0.0093	-4.6759	-0.0436	0.2037
<i>Orthotomus sutorius</i>	1	0.0031	-5.7746	-0.0179	0.1036
<i>Acridotheres cristatellus</i>	17	0.0528	-2.9413	-0.1553	0.4568
<i>Passer montanus</i>	6	0.0186	-3.9828	-0.0742	0.2956
<i>Ardea alba</i>	21	0.0652	-2.7300	-0.1780	0.4861
<i>Centropus sinensis</i>	2	0.0062	-5.0814	-0.0316	0.1604
<i>Ardea cinerea</i>	3	0.0093	-4.6759	-0.0436	0.2037
<i>Corvus macrorhynchos</i>	3	0.0093	-4.6759	-0.0436	0.2037
<i>Egretta garzetta</i>	7	0.0217	-3.8286	-0.0832	0.3187
<i>Tachybaptus ruficollis</i>	9	0.0280	-3.5773	-0.1000	0.3577
<i>Charadrius dubius</i>	1	0.0031	-5.7746	-0.0179	0.1036
<i>Lanius schach</i>	2	0.0062	-5.0814	-0.0316	0.1604
<i>Pterorhinus perspicillatus</i>	3	0.0093	-4.6759	-0.0436	0.2037
<i>Copsychus saularis</i>	6	0.0186	-3.9828	-0.0742	0.2956
<i>Prinia inornata</i>	10	0.0311	-3.4720	-0.1078	0.3744
<i>Pycnonotus jocosus</i>	10	0.0311	-3.4720	-0.1078	0.3744
<i>Lonchura punctulata</i>	11	0.0342	-3.3767	-0.1154	0.3895
<i>Spilopelia chinensis</i>	27	0.0839	-2.4787	-0.2078	0.5152
<i>Zosterops simplex</i>	2	0.0062	-5.0814	-0.0316	0.1604
<i>Motacilla alba</i>	15	0.0466	-3.0665	-0.1428	0.4380
<i>Amaurornis phoenicurus</i>	8	0.0248	-3.6951	-0.0918	0.3392
<i>Halcyon smyrnensis</i>	1	0.0031	-5.7746	-0.0179	0.1036
<i>Prinia flaviventris</i>	1	0.0031	-5.7746	-0.0179	0.1036
<i>Ardeola bacchus</i>	76	0.2360	-1.4438	-0.3408	0.4920
Total	322	1	-140.5741	-2.9245	9.6909
Richness	34				
SS	9.6909				
SQ	8.5529				
H	2.9245				
S ² H	0.0037				

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

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) ²
<i>Milvus migrans</i>	2	0.0128	-4.3567	-0.0559	0.2433
<i>Himantopus himantopus</i>	17	0.1090	-2.2166	-0.2416	0.5354
<i>Corvus torquatus</i>	2	0.0128	-4.3567	-0.0559	0.2433
<i>Tringa nebularia</i>	4	0.0256	-3.6636	-0.0939	0.3441
<i>Tringa totanus</i>	11	0.0705	-2.6520	-0.1870	0.4959
<i>Ardea alba</i>	21	0.1346	-2.0053	-0.2699	0.5413
<i>Centropus sinensis</i>	2	0.0128	-4.3567	-0.0559	0.2433
<i>Ardea cinerea</i>	3	0.0192	-3.9512	-0.0760	0.3002
<i>Egretta garzetta</i>	7	0.0449	-3.1039	-0.1393	0.4323
<i>Tachybaptus ruficollis</i>	9	0.0577	-2.8526	-0.1646	0.4695
<i>Charadrius dubius</i>	1	0.0064	-5.0499	-0.0324	0.1635
<i>Halcyon smyrnensis</i>	1	0.0064	-5.0499	-0.0324	0.1635
<i>Ardeola bacchus</i>	76	0.4872	-0.7191	-0.3503	0.2519
Total	156	1	-44.3343	-1.7549	4.4278
Richness	13				
SS	4.4278				
SQ	3.0798				
H	1.7549				
S ² H	0.008888				

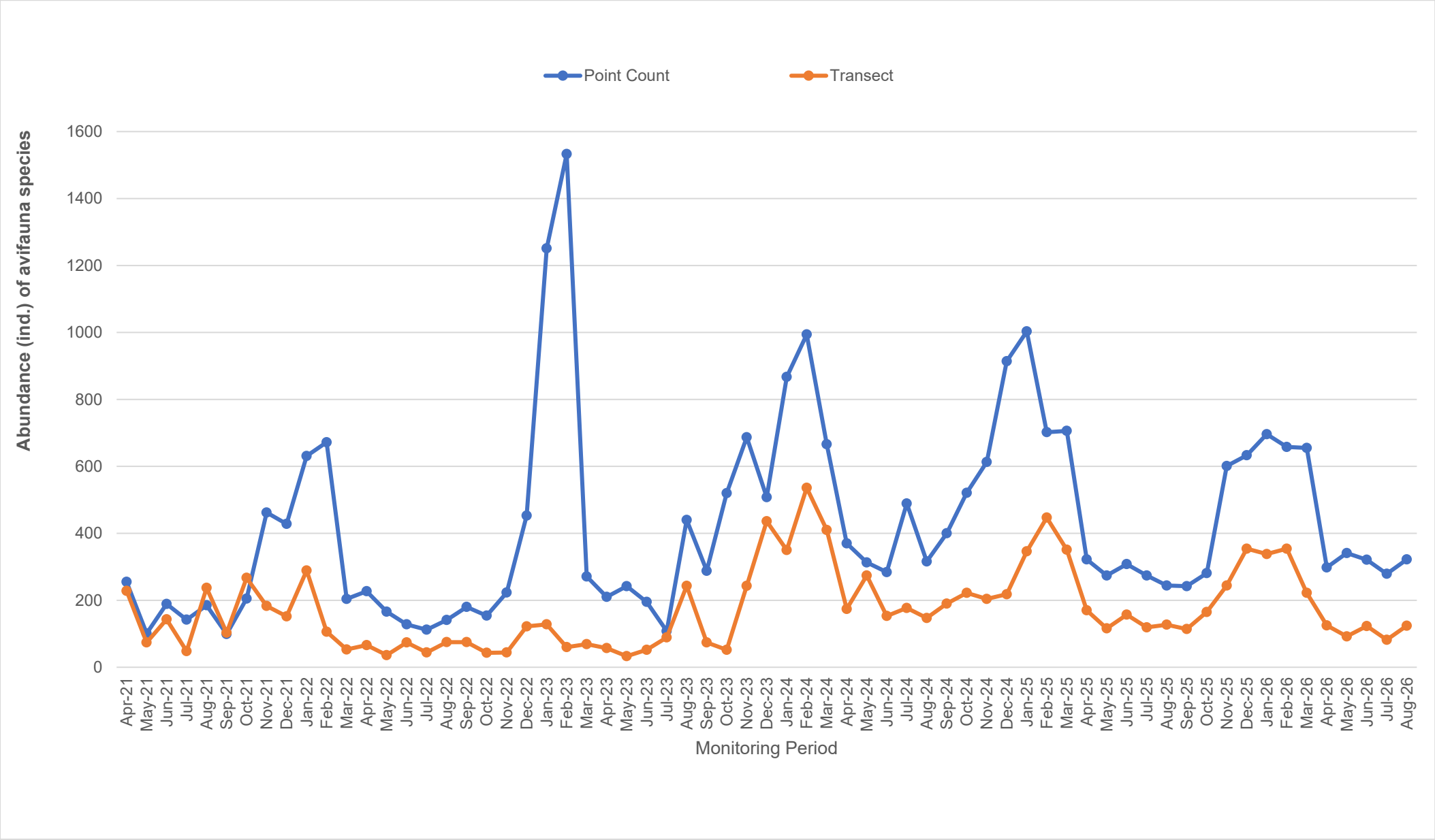
Appendix F.2.3 Ecological Bird Monitoring Diversity (All avifauna species in Transect Walk Method)
in All Habitats (05 August 2026)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) ²
<i>Eudynamys scolopaceus</i>	1	0.0081	-4.8203	-0.0389	0.1874
<i>Cyanopica cyanus</i>	1	0.0081	-4.8203	-0.0389	0.1874
<i>Hirundo rustica</i>	3	0.0242	-3.7217	-0.0900	0.3351
<i>Dicrurus macrocercus</i>	2	0.0161	-4.1271	-0.0666	0.2747
<i>Gracupica nigricollis</i>	11	0.0887	-2.4224	-0.2149	0.5205
<i>Pycnonotus sinensis</i>	7	0.0565	-2.8744	-0.1623	0.4664
<i>Tringa nebularia</i>	3	0.0242	-3.7217	-0.0900	0.3351
<i>Alcedo atthis</i>	1	0.0081	-4.8203	-0.0389	0.1874
<i>Gallinula chloropus</i>	1	0.0081	-4.8203	-0.0389	0.1874
<i>Tringa totanus</i>	10	0.0806	-2.5177	-0.2030	0.5112
<i>Orthotomus sutorius</i>	2	0.0161	-4.1271	-0.0666	0.2747
<i>Acridotheres cristatellus</i>	10	0.0806	-2.5177	-0.2030	0.5112
<i>Passer montanus</i>	2	0.0161	-4.1271	-0.0666	0.2747
<i>Ardea alba</i>	2	0.0161	-4.1271	-0.0666	0.2747
<i>Centropus sinensis</i>	3	0.0242	-3.7217	-0.0900	0.3351
<i>Apus nipalensis</i>	2	0.0161	-4.1271	-0.0666	0.2747
<i>Ardea intermedia</i>	1	0.0081	-4.8203	-0.0389	0.1874
<i>Parus minor</i>	3	0.0242	-3.7217	-0.0900	0.3351
<i>Corvus macrorhynchos</i>	1	0.0081	-4.8203	-0.0389	0.1874
<i>Egretta garzetta</i>	5	0.0403	-3.2108	-0.1295	0.4157
<i>Tringa stagnatilis</i>	2	0.0161	-4.1271	-0.0666	0.2747
<i>Pterorhinus perspicillatus</i>	5	0.0403	-3.2108	-0.1295	0.4157
<i>Prinia inornata</i>	7	0.0565	-2.8744	-0.1623	0.4664
<i>Pycnonotus jocosus</i>	8	0.0645	-2.7408	-0.1768	0.4847
<i>Lonchura punctulata</i>	12	0.0968	-2.3354	-0.2260	0.5278
<i>Spilopelia chinensis</i>	7	0.0565	-2.8744	-0.1623	0.4664
<i>Zosterops simplex</i>	1	0.0081	-4.8203	-0.0389	0.1874
<i>Amauornis phoenicurus</i>	1	0.0081	-4.8203	-0.0389	0.1874
<i>Halcyon smyrnensis</i>	1	0.0081	-4.8203	-0.0389	0.1874
<i>Prinia flaviventris</i>	2	0.0161	-4.1271	-0.0666	0.2747
<i>Dicrurus hottentottus</i>	1	0.0081	-4.8203	-0.0389	0.1874
<i>Ardeola bacchus</i>	6	0.0484	-3.0285	-0.1465	0.4438
Total	124	1	-122.5868	-3.1309	10.3671
Richness	32				
SS	10.3671				
SQ	9.8027				
H	3.1309				
S ² H	0.005560				

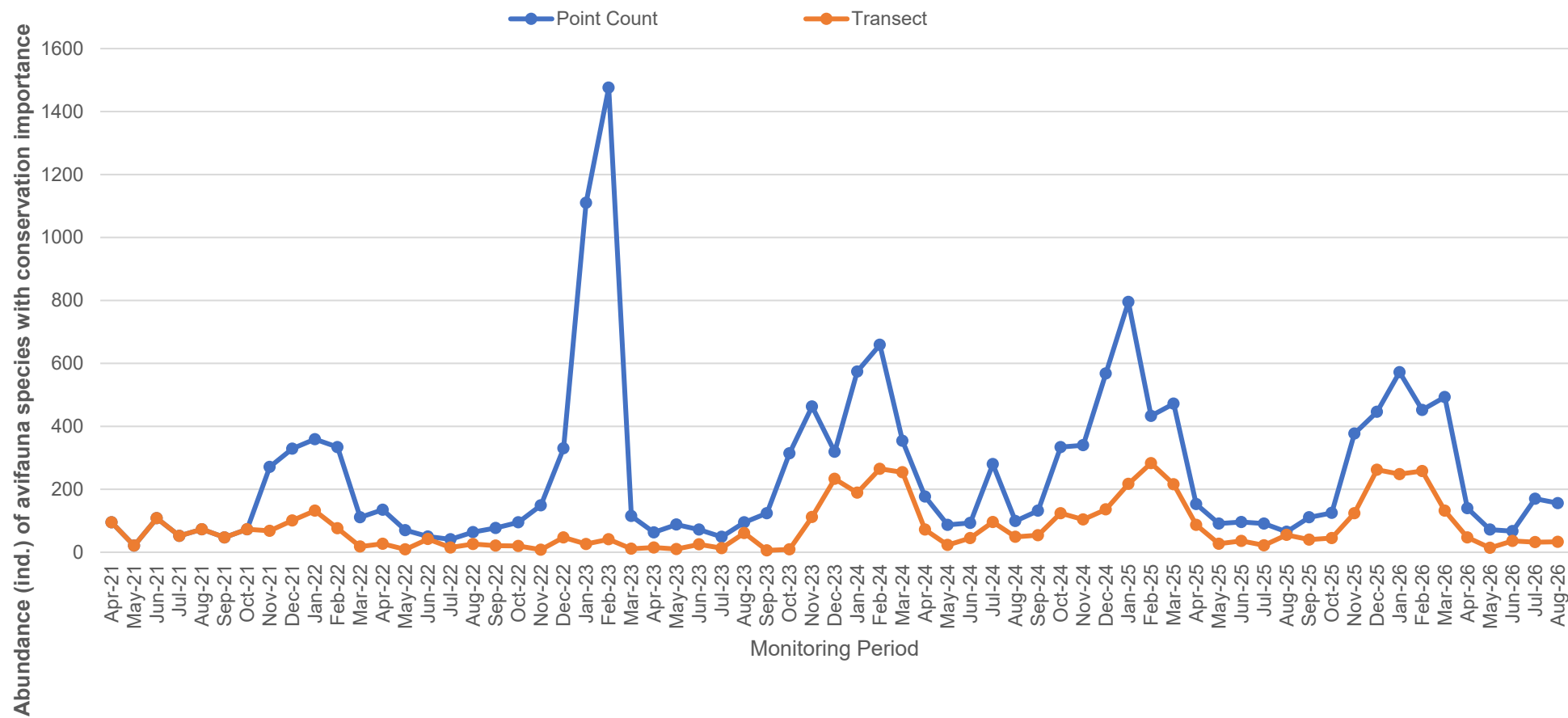
Appendix F.2.4 Ecological Bird Monitoring Diversity (Avifauna species of conservation importance in Transect Walk Method) in All Habitats (05 August 2026)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) ²
<i>Tringa nebularia</i>	3	0.0909	-2.3979	-0.2180	0.5227
<i>Tringa totanus</i>	10	0.3030	-1.1939	-0.3618	0.4320
<i>Ardea alba</i>	2	0.0606	-2.8034	-0.1699	0.4763
<i>Centropus sinensis</i>	3	0.0909	-2.3979	-0.2180	0.5227
<i>Ardea intermedia</i>	1	0.0303	-3.4965	-0.1060	0.3705
<i>Egretta garzetta</i>	5	0.1515	-1.8871	-0.2859	0.5396
<i>Tringa stagnatilis</i>	2	0.0606	-2.8034	-0.1699	0.4763
<i>Halcyon smyrnensis</i>	1	0.0303	-3.4965	-0.1060	0.3705
<i>Ardeola bacchus</i>	6	0.1818	-1.7047	-0.3100	0.5284
Total	33	1	-22.1813	-1.9454	4.2389
Richness	9				
SS	4.2389				
SQ	3.7844				
H	1.9454				
S ² H	0.01744				

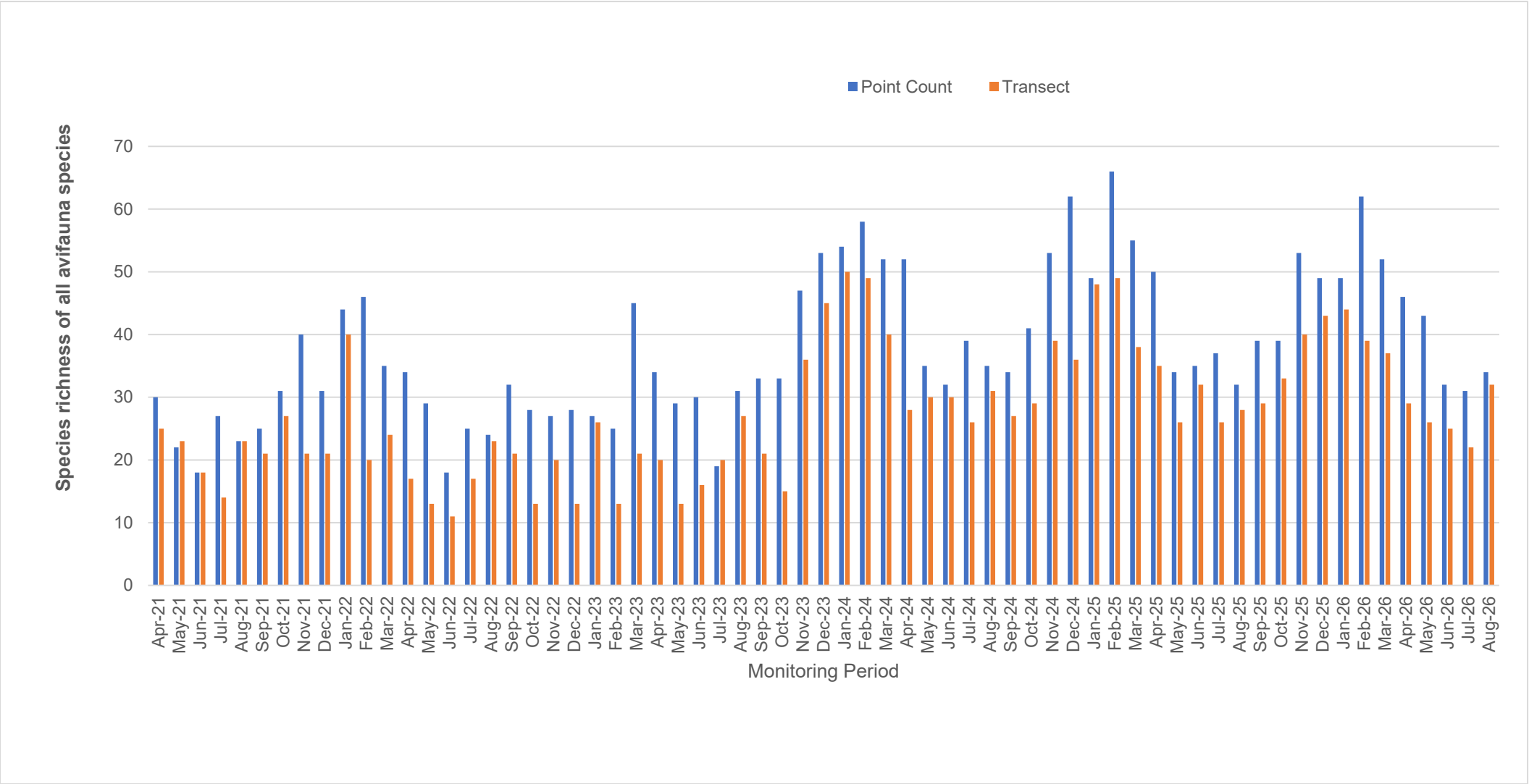
Appendix F.3.1 Abundance of all avifauna species throughout the monitoring period



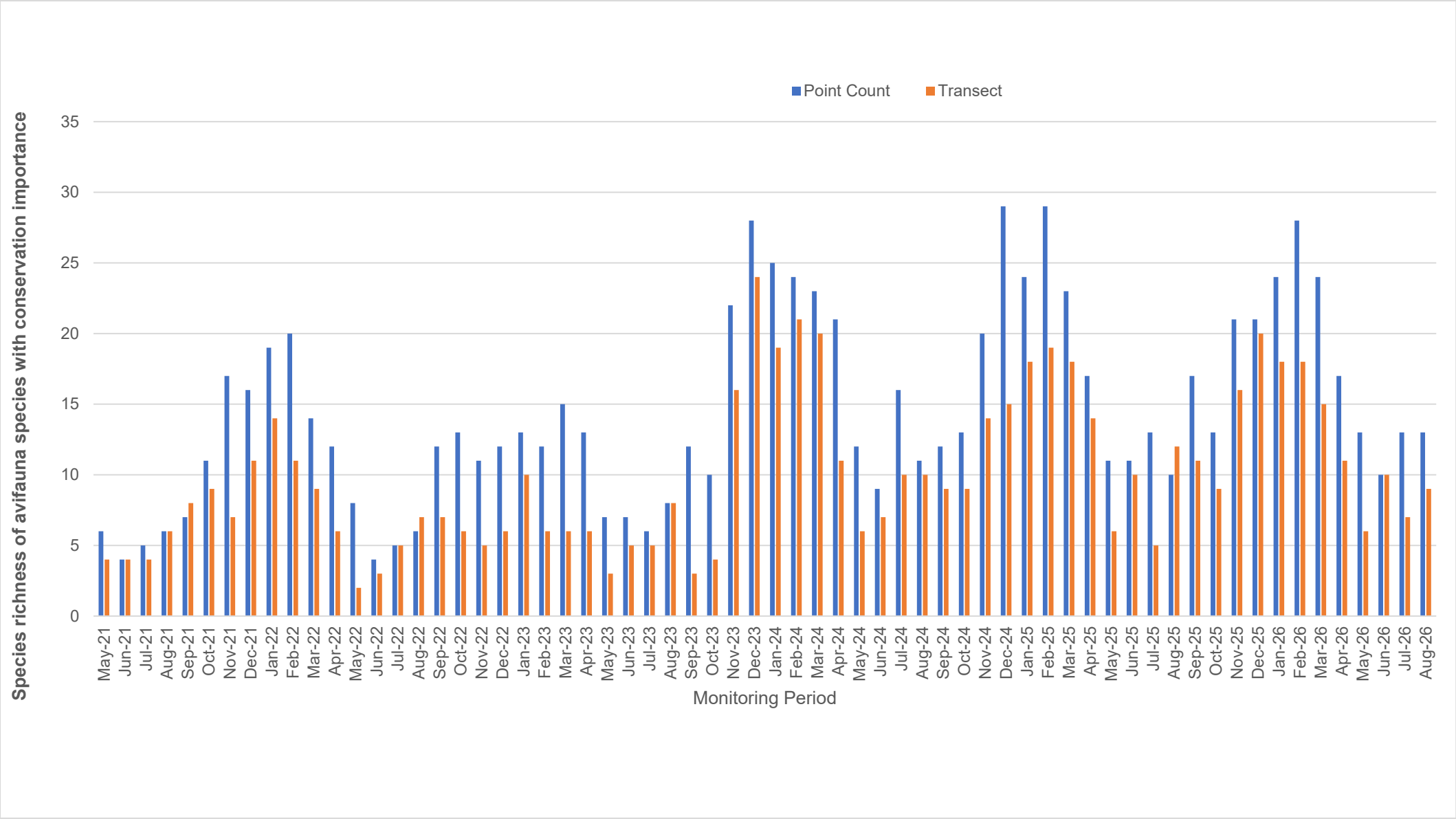
Appendix F.3.2 Abundance of avifauna species with conservation importance throughout the monitoring period



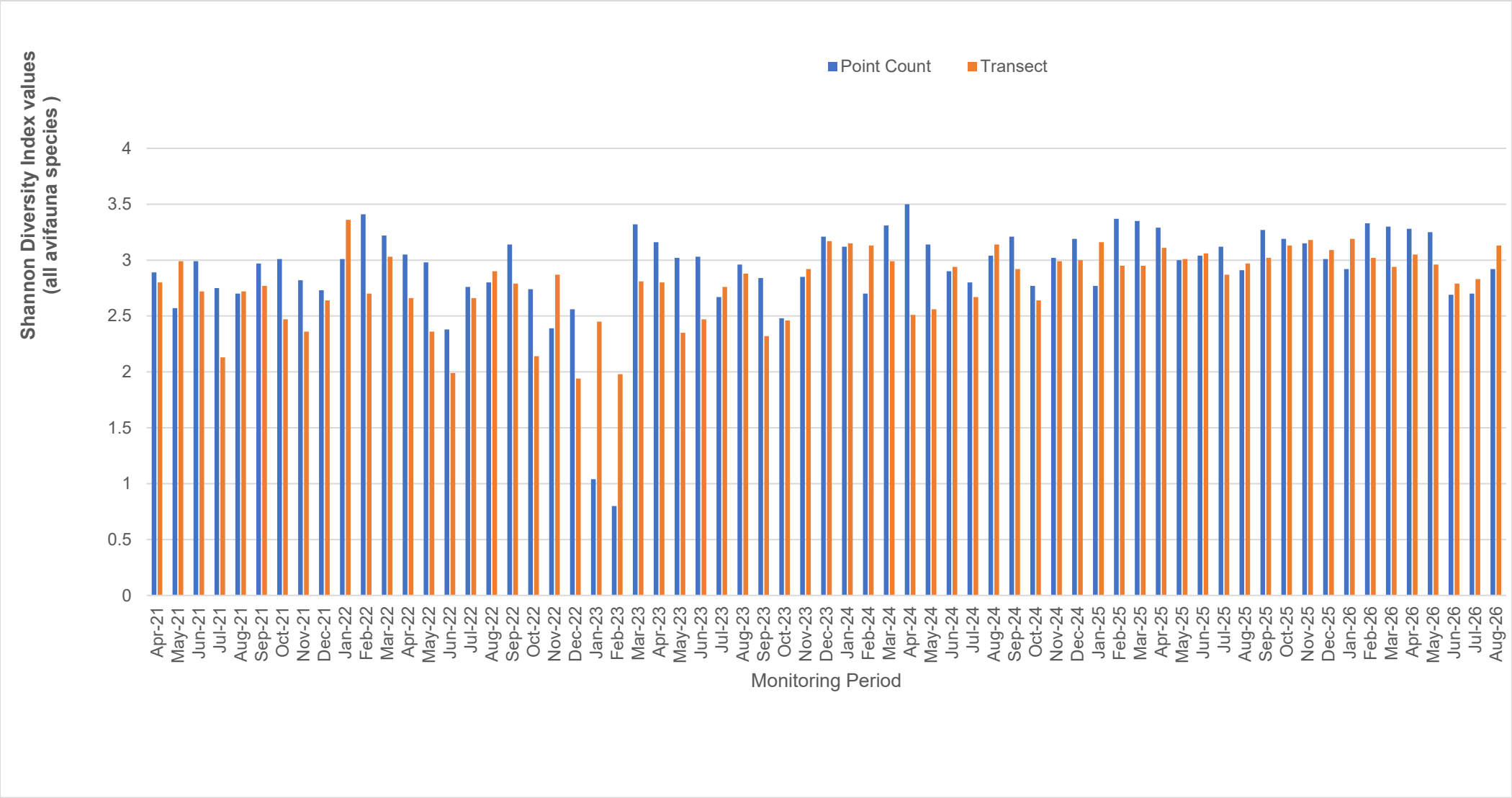
Appendix F.4.1 Species richness of all avifauna species throughout the monitoring period



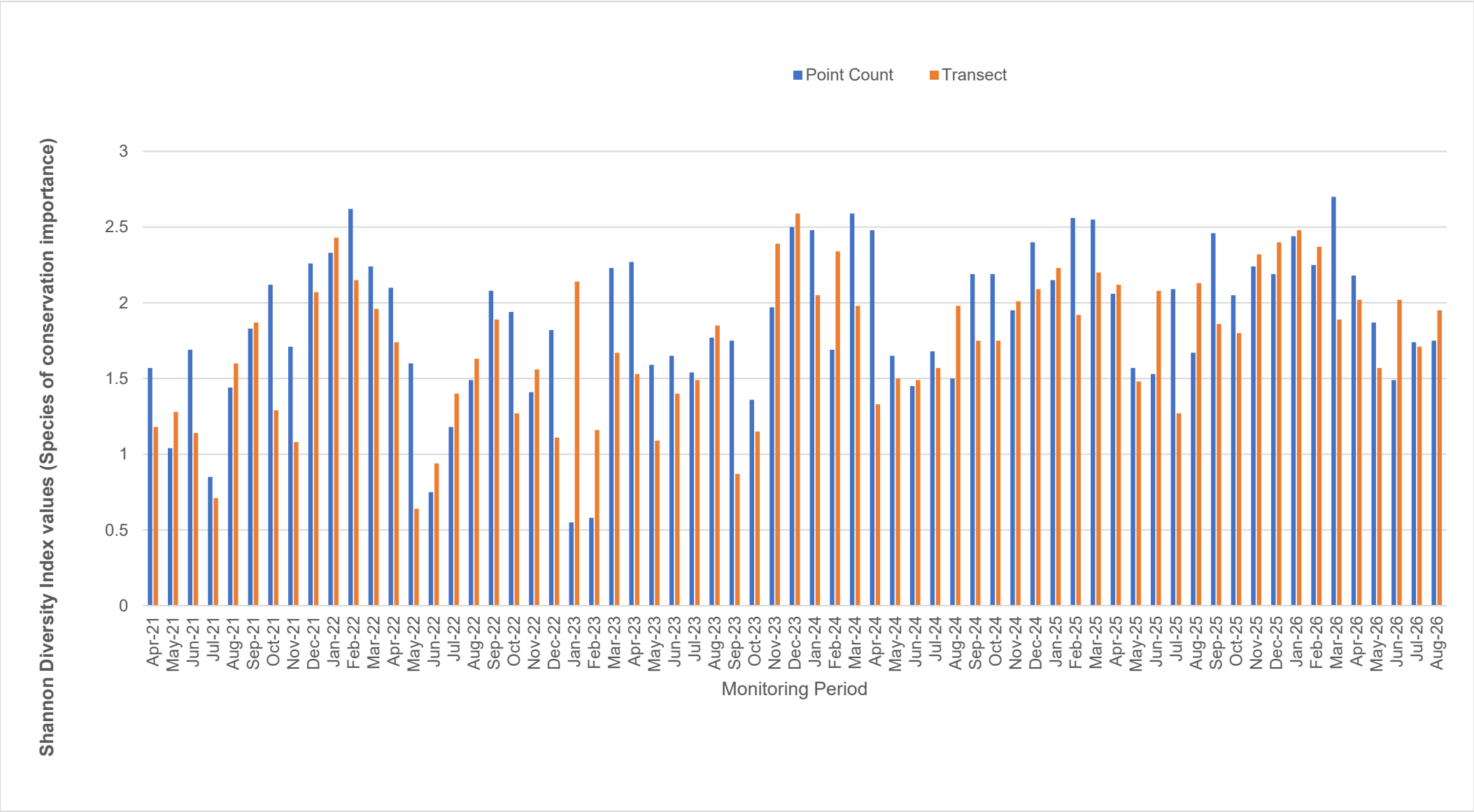
Appendix F.4.2 Species richness of avifauna species with conservation importance throughout the monitoring period



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	August 2016	August 2026
Total	160	322
Richness	26	34
H	2.7992	2.9245
S ² H	0.005600	0.003693
t	1.3003	
df	362.3295	
Crit	1.9665	
p	1.943336E-01	
CI	0.1497	0.1215

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

Months	August 2016	August 2026
Total	140	124
Richness	30	32
H	2.8718	3.1309
S ² H	0.00818	0.005560
t	2.2104	
df	259.5895	
Crit	1.9692	
p	2.80E-02	
CI	0.1809	0.1491

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

Months	August 2016	August 2026
Total	66	156
Richness	7	13
H	1.6754	1.7549
S ² H	0.007200	0.00888754
t	0.6270	
df	200.3490	
Crit	1.9719	
p	5.31E-01	
CI	0.1697	0.1885

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

Months	August 2016	August 2026
Total	54	33
Richness	6	9
H	1.2637	1.9454
S ² H	0.01370	0.01744
t	3.8627	
df	76.3936	
Crit	1.9917	
p	2.34E-04	
CI	0.2341	0.2642