

# 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.**

Date	Weather Condition	Start Time	1-hour TSP ( $\mu\text{g}/\text{m}^3$ )			Action Level ( $\text{ug}/\text{m}^3$ )	Limit Level ( $\text{ug}/\text{m}^3$ )
			1st Measurement	2nd Measurement	3rd Measurement		
4/5/2026	Fine	8:10	36	35	32	291	500
9/5/2026	Fine	8:34	20	25	30		
15/5/2026	Fine	8:11	23	36	39		
21/5/2026	Fine	8:45	40	40	32		
27/5/2026	Fine	9:00	40	39	38		
		Min	20				
		Max	40				
		Average	34				

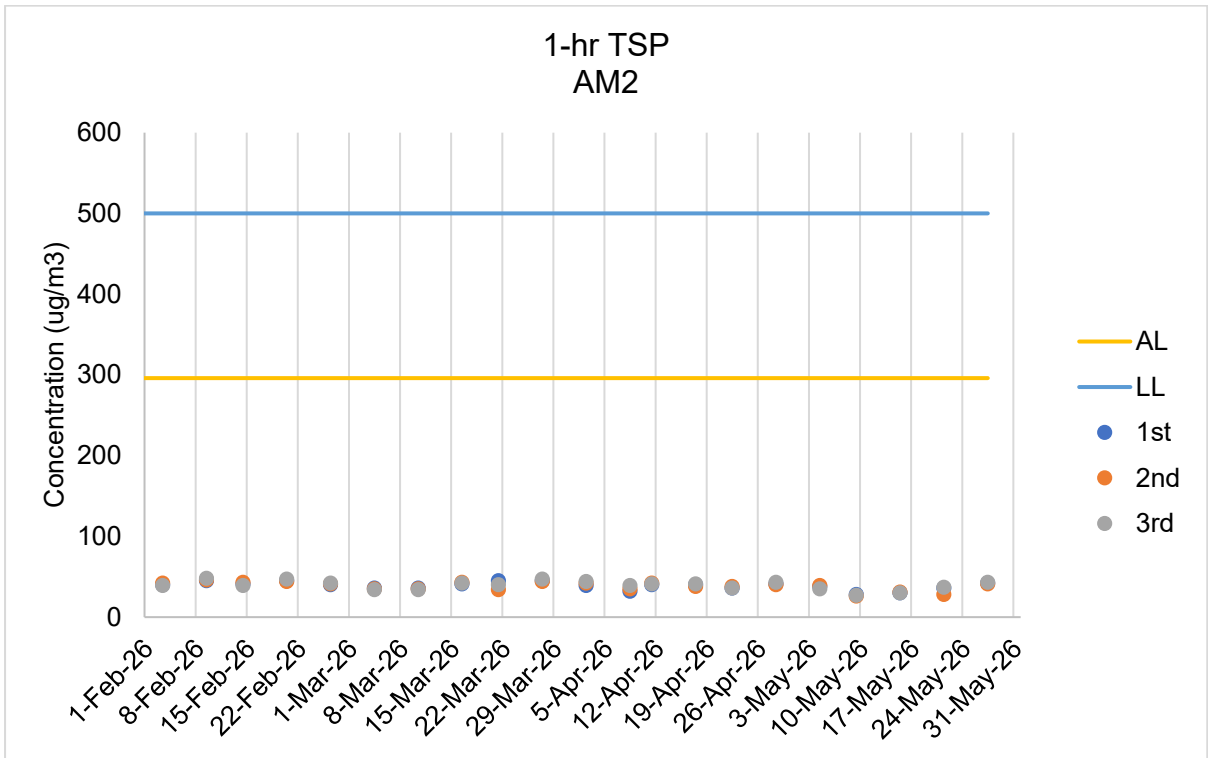
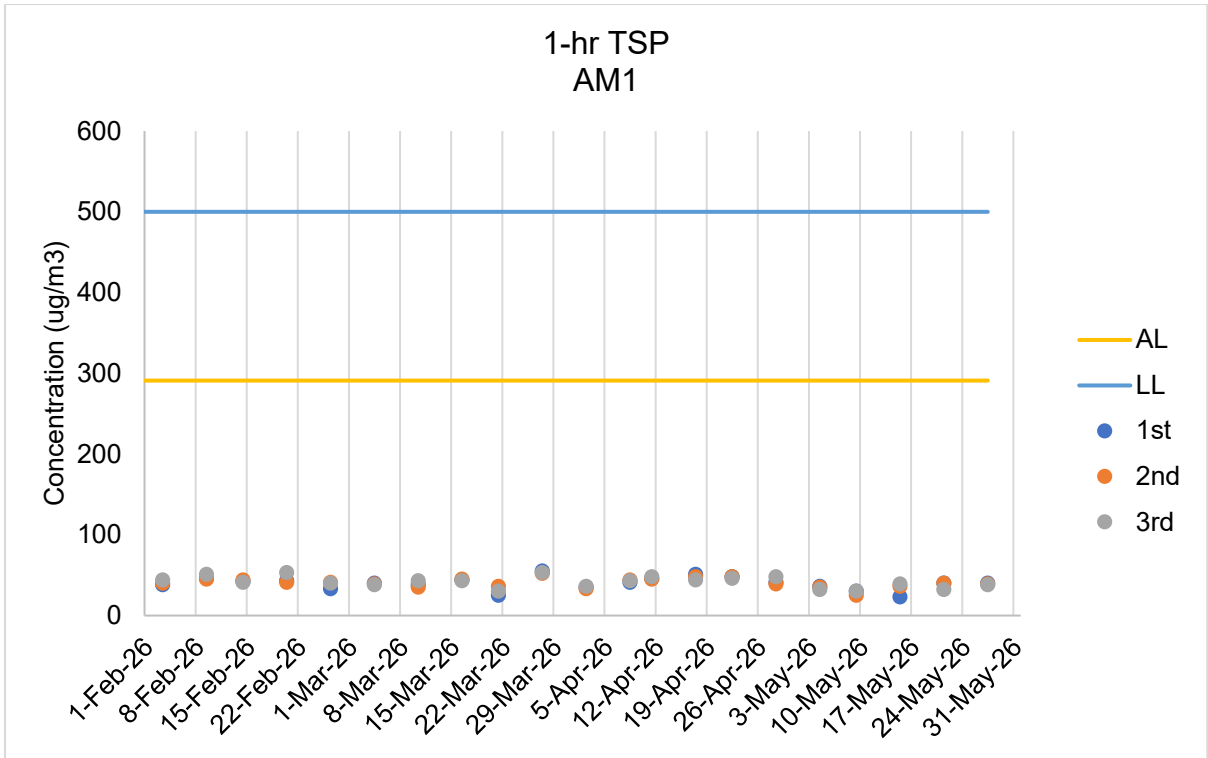
**AM2 - Squatter house at the west of Yuen Long STW**

Date	Weather Condition	Start Time	1-hour TSP ( $\mu\text{g}/\text{m}^3$ )			Action Level ( $\text{ug}/\text{m}^3$ )	Limit Level ( $\text{ug}/\text{m}^3$ )
			1st Measurement	2nd Measurement	3rd Measurement		
4/5/2026	Fine	14:01	38	39	35	296	500
9/5/2026	Fine	13:55	28	26	27		
15/5/2026	Fine	13:25	30	31	30		
21/5/2026	Fine	13:00	36	38	37		
27/5/2026	Fine	14:00	42	41	43		
		Min	26				
		Max	43				
		Average	35				

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 <sub>eq</sub> 30min dB(A)	L <sub>10</sub> dB(A)	L <sub>90</sub> dB(A)	Wind Speed (m/s)	Weather	Limit Level dB(A)
4/5/2026	9:30	56.5	57.9	53.6	0.6	Fine	75
15/5/2026	9:32	54.5	56.9	52.3	0.3	Fine	75
21/5/2026	10:03	56.6	58.3	54.5	0.0	Fine	75
27/5/2026	10:18	57.5	59.6	55.6	0.3	Fine	75
	<b>Max</b>	57.5					
	<b>Min</b>	54.5					

**CM2 - Squatter house to the west of YLSTW**

Date	Start Time	L <sub>eq</sub> 30min dB(A)	L <sub>10</sub> dB(A)	L <sub>90</sub> dB(A)	Wind Speed (m/s)	Weather	Limit Level dB(A)
4/5/2026	8:18	58.5	60.1	56.5	0.3	Fine	75
15/5/2026	8:20	57.5	58.5	55.5	1.1	Fine	75
21/5/2026	8:52	56.6	57.6	54.8	0.3	Fine	75
27/5/2026	9:06	60.5	62.8	58.5	1.9	Fine	75
	<b>Max</b>	60.5					
	<b>Min</b>	56.6					

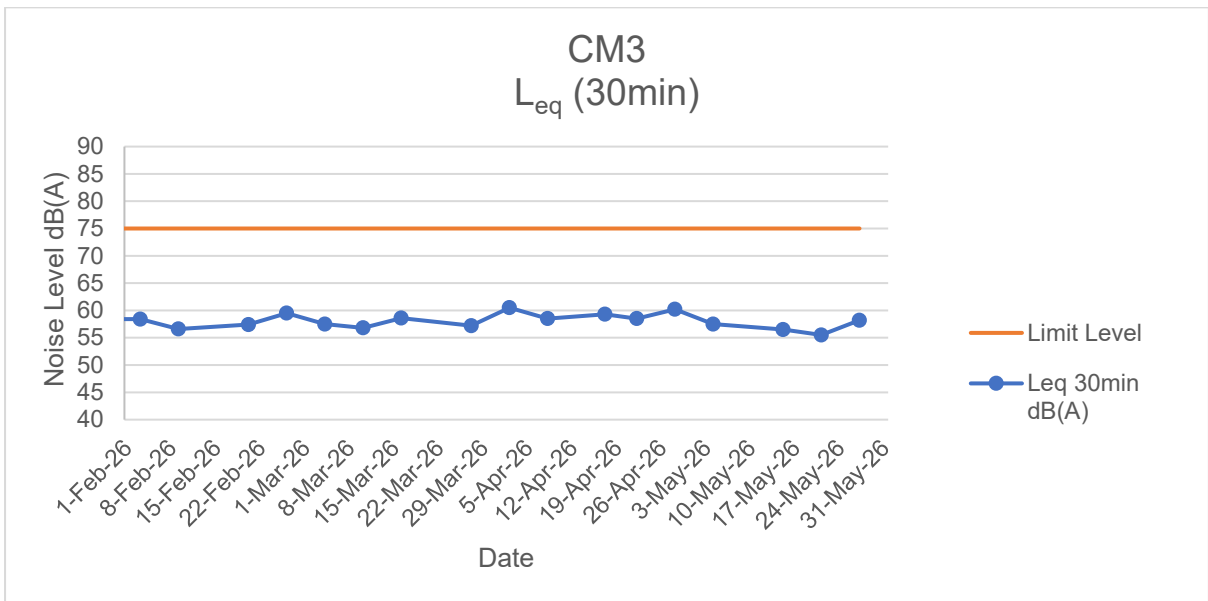
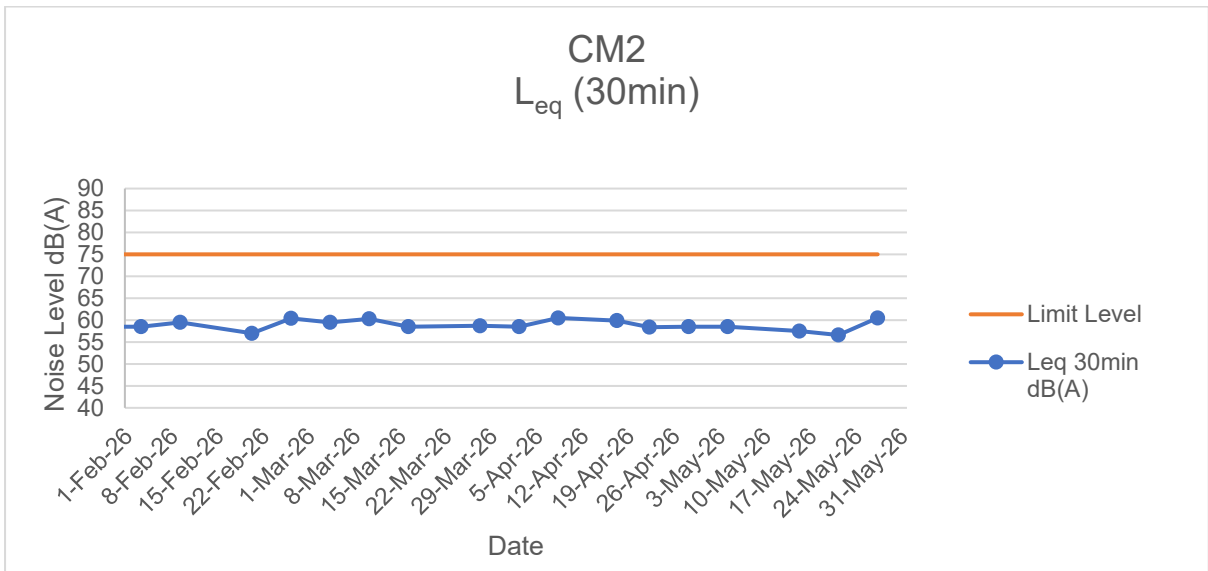
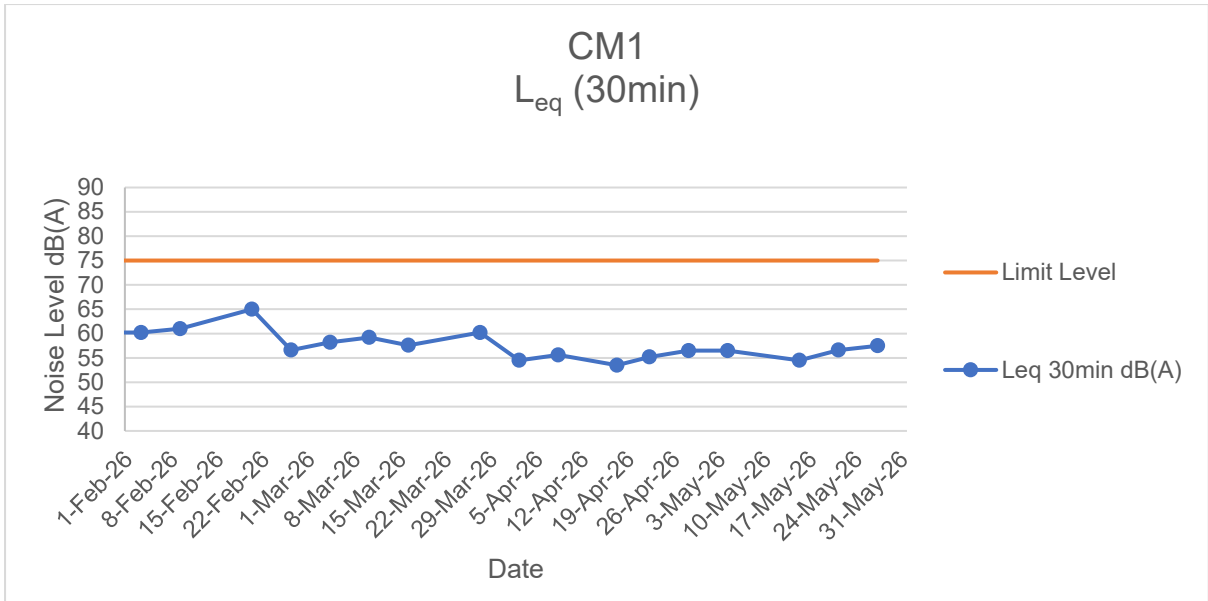
**CM3 - Squatter house to the east of YLSTW**

Date	Start Time	L <sub>eq</sub> 30min dB(A)	L <sub>10</sub> dB(A)	L <sub>90</sub> dB(A)	Wind Speed (m/s)	Weather	Limit Level dB(A)
4/5/2026	10:37	57.5	59.5	55.9	1.4	Fine	75
15/5/2026	10:41	56.5	58.4	56.7	1.9	Fine	75
21/5/2026	11:07	55.5	56.9	53.2	0.0	Fine	75
27/5/2026	11:28	58.2	60.2	56.7	1.7	Fine	75
	<b>Max</b>	58.2					
	<b>Min</b>	55.5					

Note:

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

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



**Noise Monitoring Results**

# Water Quality Monitoring Results

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis			
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	2/5/2026	Mid-Flood	Cloudy	Low	8:43	2.5	M	1.25	1	0.09	171.549	7.15	7.16	3.03	3.00	23.1	23.10	39.5	39.05	2.88	2.85	18.99	18.875	13	13
M1	2/5/2026	Mid-Flood	Cloudy	Low	8:43	2.5	M	1.25	2			7.17		2.96		23.1		38.6		2.82		18.76			
M2	2/5/2026	Mid-Flood	Cloudy	Low	9:08	2.3	M	1.15	1	0.086	165.378	7.15	7.15	2.95	2.97	23.1	23.10	40.0	39.45	2.92	2.88	20.03	19.86	13	13
M2	2/5/2026	Mid-Flood	Cloudy	Low	9:08	2.3	M	1.15	2			7.14		2.98		23.1		38.9		2.84		19.69			
M3	2/5/2026	Mid-Flood	Cloudy	Low	9:21	2	M	1.00	1	0.086	169.731	7.18	7.18	3.66	3.62	23.1	23.15	51.6	52.25	3.77	3.82	33.06	32.93	13	13
M3	2/5/2026	Mid-Flood	Cloudy	Low	9:21	2	M	1.00	2			7.17		3.58		23.2		52.9		3.86		32.80			
M1	2/5/2026	Mid-Ebb	Cloudy	Low	13:56	2.4	M	1.20	1	0.071	337.223	7.14	7.14	2.98	2.97	23.5	23.55	38.2	38.00	2.79	2.78	19.11	19.01	14	14
M1	2/5/2026	Mid-Ebb	Cloudy	Low	13:56	2.4	M	1.20	2			7.13		2.96		23.6		37.8		2.76		18.91			
M2	2/5/2026	Mid-Ebb	Cloudy	Low	13:31	2.2	M	1.10	1	0.07	344.524	7.15	7.16	3.06	3.03	23.5	23.50	39.9	39.70	2.91	2.90	21.56	21.34	19	26
M2	2/5/2026	Mid-Ebb	Cloudy	Low	13:31	2.2	M	1.10	2			7.16		2.99		23.5		39.5		2.88		21.12			
M3	2/5/2026	Mid-Ebb	Cloudy	Low	14:21	2	M	1.00	1	0.071	326.136	7.18	7.17	3.78	3.82	23.5	23.50	52.1	51.20	3.8	3.74	35.24	35.09	21	20
M3	2/5/2026	Mid-Ebb	Cloudy	Low	14:21	2	M	1.00	2			7.16		3.86		23.5		50.3		3.67		34.94			

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	5/5/2026	Mid-Flood	Cloudy	Low	9:27	2.4	M	1.20	1	0.077	161.387	7.08	7.08	3.12	3.08	20.6	20.60	41.2	40.20	3.01	2.94	22.69	22.835	47	48
M1	5/5/2026	Mid-Flood	Cloudy	Low	9:27	2.4	M	1.20	2			7.08		3.03		20.6		39.2		2.86		22.98		49	
M2	5/5/2026	Mid-Flood	Cloudy	Low	9:52	2.2	M	1.10	1	0.095	170.628	7.09	7.08	3.28	3.29	20.6	20.60	42.3	43.05	3.09	3.15	24.10	24.01	53	55
M2	5/5/2026	Mid-Flood	Cloudy	Low	9:52	2.2	M	1.10	2			7.07		3.29		20.6		43.8		3.2		23.92		56	
M3	5/5/2026	Mid-Flood	Cloudy	Low	10:11	1.9	M	0.95	1	0.087	172.107	7.15	7.14	3.49	3.48	20.6	20.60	54.5	55.05	3.98	4.02	39.30	39.135	54	53
M3	5/5/2026	Mid-Flood	Cloudy	Low	10:11	1.9	M	0.95	2			7.13		3.47		20.6		55.6		4.06		38.97		52	
M1	5/5/2026	Mid-Ebb	Cloudy	Low	14:58	2.4	M	1.20	1	0.072	310.702	7.09	7.10	3.33	3.35	20.5	20.55	41.0	40.35	2.99	2.95	20.77	20.745	52	52
M1	5/5/2026	Mid-Ebb	Cloudy	Low	14:58	2.4	M	1.20	2			7.11		3.36		20.6		39.7		2.9		20.72		52	
M2	5/5/2026	Mid-Ebb	Cloudy	Low	14:36	2.1	M	1.05	1	0.07	324.452	7.11	7.11	3.15	3.12	20.5	20.50	43.2	43.95	3.15	3.21	22.09	21.925	53	53
M2	5/5/2026	Mid-Ebb	Cloudy	Low	14:36	2.1	M	1.05	2			7.1		3.08		20.5		44.7		3.26		21.76		53	
M3	5/5/2026	Mid-Ebb	Cloudy	Low	15:03	1.8	M	0.90	1	0.072	311.428	7.15	7.15	3.65	3.66	20.5	20.55	53.2	52.75	3.88	3.85	35.32	35.24	53	53
M3	5/5/2026	Mid-Ebb	Cloudy	Low	15:03	1.8	M	0.90	2			7.14		3.66		20.6		52.3		3.82		35.16		53	

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	63.6	68.9

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement														Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	7/5/2026	Mid-Flood	Cloudy	Low	8:59	2.5	M	1.25	1	0.091	169.06	7.05	7.05	2.85	2.83	25.6	25.65	38.5	39.10	2.81	2.86	16.21	16.14	52	50
M1	7/5/2026	Mid-Flood	Cloudy	Low	8:59	2.5	M	1.25	2			7.05		2.81		25.7		39.7		2.9		16.07		47	
M2	7/5/2026	Mid-Flood	Cloudy	Low	9:24	2.3	M	1.15	1	0.076	183.913	7.06	7.07	2.99	2.98	25.6	25.60	40.4	40.00	2.95	2.92	15.55	15.715	47	48
M2	7/5/2026	Mid-Flood	Cloudy	Low	9:24	2.3	M	1.15	2			7.08		2.97		25.6		39.6		2.89		15.88		49	
M3	7/5/2026	Mid-Flood	Cloudy	Low	9:42	2	M	1.00	1	0.094	167.259	7.09	7.10	3.52	3.55	25.6	25.65	55.5	54.60	4.05	3.99	24.85	24.855	49	49
M3	7/5/2026	Mid-Flood	Cloudy	Low	9:42	2	M	1.00	2			7.1		3.58		25.7		53.7		3.92		24.86		48	
M1	7/5/2026	Mid-Ebb	Cloudy	Low	16:59	2.4	M	1.20	1	0.067	325.043	7.06	7.07	2.98	3.00	25.4	25.45	41.0	41.75	2.99	3.05	15.13	15.31	49	48
M1	7/5/2026	Mid-Ebb	Cloudy	Low	16:59	2.4	M	1.20	2			7.08		3.02		25.5		42.5		3.1		15.49		46	
M2	7/5/2026	Mid-Ebb	Cloudy	Low	16:34	2.2	M	1.10	1	0.062	315.64	7.08	7.07	2.99	3.04	25.4	25.40	41.8	42.00	3.05	3.07	15.99	15.775	50	49
M2	7/5/2026	Mid-Ebb	Cloudy	Low	16:34	2.2	M	1.10	2			7.06		3.08		25.4		42.2		3.08		15.56		48	
M3	7/5/2026	Mid-Ebb	Cloudy	Low	17:13	2	M	1.00	1	0.069	306.558	7.11	7.12	3.65	3.62	25.4	25.40	52.6	52.45	3.84	3.83	22.69	22.67	46	47
M3	7/5/2026	Mid-Ebb	Cloudy	Low	17:13	2	M	1.00	2			7.12		3.58		25.4		52.3		3.82		22.65		48	

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	9/5/2026	Mid-Flood	Sunny	Low	8:05	2.5	M	1.25	1	0.091	171.622	7.12	7.12	2.93	2.93	25.5	25.55	38.6	39.05	2.82	2.85	22.29	22.44	49	47
M1	9/5/2026	Mid-Flood	Sunny	Low	8:05	2.5	M	1.25	2			7.11		2.92		25.6		39.5		2.88		22.59		45	
M2	9/5/2026	Mid-Flood	Sunny	Low	8:31	2.2	M	1.10	1	0.081	171.097	7.13	7.13	2.85	2.86	25.5	25.55	40.1	40.20	2.93	2.94	22.06	22.155	50	51
M2	9/5/2026	Mid-Flood	Sunny	Low	8:31	2.2	M	1.10	2			7.12		2.87		25.6		40.3		2.94		22.25		51	
M3	9/5/2026	Mid-Flood	Sunny	Low	8:49	1.9	M	0.95	1	0.073	179.652	7.14	7.14	3.25	3.25	25.5	25.50	53.2	53.05	3.88	3.87	32.47	32.43	47	47
M3	9/5/2026	Mid-Flood	Sunny	Low	8:49	1.9	M	0.95	2			7.14		3.25		25.5		52.9		3.86		32.39		47	
M1	9/5/2026	Mid-Ebb	Sunny	Low	18:36	2.3	M	1.15	1	0.06	309.282	7.11	7.11	2.82	2.85	25.3	25.30	37.5	37.25	2.74	2.72	22.48	22.285	47	47
M1	9/5/2026	Mid-Ebb	Sunny	Low	18:36	2.3	M	1.15	2			7.1		2.87		25.3		37.0		2.7		22.09		46	
M2	9/5/2026	Mid-Ebb	Sunny	Low	18:13	2.2	M	1.10	1	0.073	323.661	7.12	7.13	2.72	2.76	25.3	25.30	38.4	38.65	2.8	2.82	21.08	21.05	47	46
M2	9/5/2026	Mid-Ebb	Sunny	Low	18:13	2.2	M	1.10	2			7.13		2.8		25.3		38.9		2.84		21.02		45	
M3	9/5/2026	Mid-Ebb	Sunny	Low	18:55	2	M	1.00	1	0.062	311.466	7.14	7.14	3.44	3.46	25.3	25.35	52.1	51.95	3.8	3.79	33.19	33.365	48	48
M3	9/5/2026	Mid-Ebb	Sunny	Low	18:55	2	M	1.00	2			7.13		3.47		25.4		51.8		3.78		33.54		48	

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	12/5/2026	Mid-Flood	Sunny	Low	14:12	2.5	M	1.25	1	0.089	165.236	7.16	7.17	3.97	3.99	27.1	27.15	43.7	43.10	3.19	3.15	19.69	19.475	11	13
M1	12/5/2026	Mid-Flood	Sunny	Low	14:12	2.5	M	1.25	2			7.18		4.01		27.2		42.5		3.1		19.26		14	
M2	12/5/2026	Mid-Flood	Sunny	Low	14:32	2.3	M	1.15	1	0.079	165.482	7.16	7.17	3.82	3.83	27.1	27.10	43.0	42.95	3.14	3.14	20.13	20.075	17	16
M2	12/5/2026	Mid-Flood	Sunny	Low	14:32	2.3	M	1.15	2			7.18		3.83		27.1		42.9		3.13		20.02		14	
M3	12/5/2026	Mid-Flood	Sunny	Low	15:00	2	M	1.00	1	0.077	179.889	7.22	7.23	4.44	4.41	27.1	27.15	56.3	57.00	4.11	4.16	36.11	36.28	15	15
M3	12/5/2026	Mid-Flood	Sunny	Low	15:00	2	M	1.00	2			7.23		4.38		27.2		57.7		4.21		36.45		15	
M1	12/5/2026	Mid-Ebb	Sunny	Low	9:50	2.4	M	1.20	1	0.077	304.973	7.15	7.15	3.77	3.83	26.4	26.40	40.8	40.05	2.98	2.93	20.42	20.395	14	14
M1	12/5/2026	Mid-Ebb	Sunny	Low	9:50	2.4	M	1.20	2			7.15		3.89		26.4		39.3		2.87		20.37		14	
M2	12/5/2026	Mid-Ebb	Sunny	Low	9:26	2.2	M	1.10	1	0.06	309.254	7.16	7.17	3.70	3.67	26.4	26.40	42.2	42.05	3.08	3.07	20.11	20.135	14	15
M2	12/5/2026	Mid-Ebb	Sunny	Low	9:26	2.2	M	1.10	2			7.17		3.63		26.4		41.9		3.06		20.16		16	
M3	12/5/2026	Mid-Ebb	Sunny	Low	10:03	2	M	1.00	1	0.063	310.743	7.21	7.21	4.56	4.53	26.4	26.40	55.9	56.50	4.08	4.13	35.11	34.905	11	11
M3	12/5/2026	Mid-Ebb	Sunny	Low	10:03	2	M	1.00	2			7.2		4.49		26.4		57.1		4.17		34.70		10	

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	14/5/2026	Mid-Flood	Cloudy	Low	17:37	2.4	M	1.20	1	0.089	169.662	7.08	7.08	3.28	3.30	27.1	27.10	40.7	40.00	2.95	2.90	22.50	22.57	9	8
M1	14/5/2026	Mid-Flood	Cloudy	Low	17:37	2.4	M	1.20	2			7.07		3.32		27.1		39.3		2.85		22.64			
M2	14/5/2026	Mid-Flood	Cloudy	Low	18:02	2.2	M	1.10	1	0.082	167.188	7.09	7.09	3.35	3.31	27.1	27.15	41.3	40.45	2.99	2.93	21.78	21.57	8	9
M2	14/5/2026	Mid-Flood	Cloudy	Low	18:02	2.2	M	1.10	2			7.09		3.27		27.2		39.6		2.87		21.36			
M3	14/5/2026	Mid-Flood	Cloudy	Low	18:07	1.9	M	0.95	1	0.085	167	7.16	7.17	3.86	3.85	27.1	27.15	53.8	53.05	3.9	3.85	30.94	31.1	11	11
M3	14/5/2026	Mid-Flood	Cloudy	Low	18:07	1.9	M	0.95	2			7.17		3.84		27.2		52.3		3.79		31.26			
M1	14/5/2026	Mid-Ebb	Cloudy	Low	11:47	2.4	M	1.20	1	0.059	336.723	7.08	7.08	2.74	2.79	27.7	27.70	37.8	37.80	2.74	2.74	21.17	21.24	9	9
M1	14/5/2026	Mid-Ebb	Cloudy	Low	11:47	2.4	M	1.20	2			7.08		2.83		27.7		37.8		2.74		21.31			
M2	14/5/2026	Mid-Ebb	Cloudy	Low	11:22	2.1	M	1.05	1	0.076	341.59	7.09	7.10	2.71	2.73	27.7	27.70	38.2	37.50	2.77	2.72	21.92	21.74	8	8
M2	14/5/2026	Mid-Ebb	Cloudy	Low	11:22	2.1	M	1.05	2			7.1		2.74		27.7		36.8		2.67		21.56			
M3	14/5/2026	Mid-Ebb	Cloudy	Low	12:03	1.8	M	0.90	1	0.069	306.52	7.14	7.14	3.51	3.53	27.7	27.75	52.9	53.55	3.83	3.88	31.08	30.915	4	6
M3	14/5/2026	Mid-Ebb	Cloudy	Low	12:03	1.8	M	0.90	2			7.13		3.54		27.8		54.2		3.93		30.75			

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	16/5/2026	Mid-Flood	Cloudy	Low	8:00	2.6	M	1.30	1	0.076	183.987	7.08	7.09	3.15	3.13	25.9	25.90	40.0	40.70	2.88	2.93	21.48	21.29	11	12
M1	16/5/2026	Mid-Flood	Cloudy	Low	8:00	2.6	M	1.30	2			7.1		3.11		25.9		41.4		2.98		21.10		12	
M2	16/5/2026	Mid-Flood	Cloudy	Low	8:22	2.3	M	1.15	1	0.073	190.405	7.09	7.08	3.21	3.19	25.9	25.95	40.4	40.65	2.91	2.93	22.66	22.665	9	11
M2	16/5/2026	Mid-Flood	Cloudy	Low	8:22	2.3	M	1.15	2			7.07		3.17		26		40.9		2.94		22.67		13	
M3	16/5/2026	Mid-Flood	Cloudy	Low	8:40	2	M	1.00	1	0.083	163.798	7.15	7.16	3.69	3.69	25.9	25.95	53.5	53.85	3.85	3.88	33.57	33.745	7	7
M3	16/5/2026	Mid-Flood	Cloudy	Low	8:40	2	M	1.00	2			7.16		3.68		26		54.2		3.9		33.92		6	
M1	16/5/2026	Mid-Ebb	Cloudy	Low	13:03	2.5	M	1.25	1	0.074	331.714	7.08	7.09	3.05	3.03	26.1	26.15	39.8	38.75	2.86	2.79	22.18	22.325	4	8
M1	16/5/2026	Mid-Ebb	Cloudy	Low	13:03	2.5	M	1.25	2			7.1		3		26.2		37.7		2.71		22.47		11	
M2	16/5/2026	Mid-Ebb	Cloudy	Low	12:41	2.2	M	1.10	1	0.068	333.745	7.09	7.08	3.18	3.19	26.1	26.15	40.0	40.55	2.88	2.92	23.25	23.16	11	12
M2	16/5/2026	Mid-Ebb	Cloudy	Low	12:41	2.2	M	1.10	2			7.07		3.19		26.2		41.1		2.96		23.07		12	
M3	16/5/2026	Mid-Ebb	Cloudy	Low	13:20	2	M	1.00	1	0.068	330.207	7.17	7.18	3.94	3.94	26.1	26.10	54.8	55.55	3.94	4.00	34.55	34.7	10	11
M3	16/5/2026	Mid-Ebb	Cloudy	Low	13:20	2	M	1.00	2			7.19		3.94		26.1		56.3		4.05		34.85		11	

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	19/5/2026	Mid-Flood	Sunny	Low	8:58	2.5	M	1.25	1	0.09	185.531	7.21	7.21	2.94	2.96	26.5	26.55	38.5	39.25	2.81	2.87	22.53	22.315	40	37
M1	19/5/2026	Mid-Flood	Sunny	Low	8:58	2.5	M	1.25	2			7.21		2.97		26.6		40.0		2.92		22.10		34	
M2	19/5/2026	Mid-Flood	Sunny	Low	9:21	2.2	M	1.10	1	0.087	179.68	7.23	7.24	2.93	2.91	26.5	26.50	40.1	39.70	2.93	2.90	22.74	22.56	37	42
M2	19/5/2026	Mid-Flood	Sunny	Low	9:21	2.2	M	1.10	2			7.25		2.88		26.5		39.3		2.87		22.38		47	
M3	19/5/2026	Mid-Flood	Sunny	Low	9:40	1.9	M	0.95	1	0.087	189.129	7.25	7.25	3.40	3.40	26.5	26.55	52.2	52.55	3.81	3.84	34.05	33.99	26	36
M3	19/5/2026	Mid-Flood	Sunny	Low	9:40	1.9	M	0.95	2			7.25		3.4		26.6		52.9		3.86		33.93		46	
M1	19/5/2026	Mid-Ebb	Sunny	Low	14:39	2.3	M	1.15	1	0.063	302.134	7.18	7.18	2.83	2.87	26.8	26.80	39.0	39.00	2.85	2.85	21.69	21.705	12	16
M1	19/5/2026	Mid-Ebb	Sunny	Low	14:39	2.3	M	1.15	2			7.17		2.9		26.8		39.0		2.85		21.72		19	
M2	19/5/2026	Mid-Ebb	Sunny	Low	14:16	2.2	M	1.10	1	0.08	309.936	7.19	7.20	2.75	2.71	26.8	26.85	39.6	40.20	2.89	2.94	22.01	21.995	36	43
M2	19/5/2026	Mid-Ebb	Sunny	Low	14:16	2.2	M	1.10	2			7.21		2.67		26.9		40.8		2.98		21.98		50	
M3	19/5/2026	Mid-Ebb	Sunny	Low	15:00	2	M	1.00	1	0.064	322.408	7.25	7.26	3.56	3.55	26.8	26.80	54.5	55.20	3.98	4.03	34.25	34.175	48	41
M3	19/5/2026	Mid-Ebb	Sunny	Low	15:00	2	M	1.00	2			7.27		3.53		26.8		55.9		4.08		34.10		33	

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	21/5/2026	Mid-Flood	Cloudy	Low	8:59	2.6	M	1.30	1	0.078	178.738	7.13	7.14	3.00	2.96	26.6	26.60	37.1	36.45	2.71	2.66	22.05	22.205	36	41
M1	21/5/2026	Mid-Flood	Cloudy	Low	8:59	2.6	M	1.30	2			7.14		2.91		26.6		35.8		2.61		22.36		46	
M2	21/5/2026	Mid-Flood	Cloudy	Low	9:21	2.3	M	1.15	1	0.094	181.54	7.09	7.10	2.87	2.91	26.6	26.65	38.4	37.95	2.8	2.77	21.85	22.005	38	41
M2	21/5/2026	Mid-Flood	Cloudy	Low	9:21	2.3	M	1.15	2			7.1		2.95		26.7		37.5		2.74		22.16		44	
M3	21/5/2026	Mid-Flood	Cloudy	Low	9:43	2	M	1.00	1	0.082	170.594	7.15	7.15	3.28	3.33	26.6	26.65	51.8	52.05	3.78	3.80	32.69	32.79	37	36
M3	21/5/2026	Mid-Flood	Cloudy	Low	9:43	2	M	1.00	2			7.15		3.37		26.7		52.3		3.82		32.89		34	
M1	21/5/2026	Mid-Ebb	Cloudy	Low	17:02	2.5	M	1.25	1	0.076	308.665	7.13	7.14	2.73	2.73	26.4	26.45	38.8	39.40	2.83	2.88	21.79	21.87	32	37
M1	21/5/2026	Mid-Ebb	Cloudy	Low	17:02	2.5	M	1.25	2			7.14		2.72		26.5		40.0		2.92		21.95		41	
M2	21/5/2026	Mid-Ebb	Cloudy	Low	16:39	2.2	M	1.10	1	0.074	320.906	7.11	7.11	2.72	2.70	26.4	26.45	38.1	38.80	2.78	2.83	22.20	22.145	37	41
M2	21/5/2026	Mid-Ebb	Cloudy	Low	16:39	2.2	M	1.10	2			7.1		2.68		26.5		39.5		2.88		22.09		44	
M3	21/5/2026	Mid-Ebb	Cloudy	Low	17:27	2	M	1.00	1	0.078	326.061	7.16	7.15	3.50	3.47	26.4	26.40	52.1	52.10	3.8	3.80	33.32	33.44	36	38
M3	21/5/2026	Mid-Ebb	Cloudy	Low	17:27	2	M	1.00	2			7.14		3.43		26.4		52.1		3.8		33.56		40	

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	23/5/2026	Mid-Flood	Cloudy	Low	11:19	2.5	M	1.25	1	0.073	190.506	7.12	7.12	2.95	2.96	28.1	28.10	41.4	41.15	2.99	2.97	19.55	19.345	42	41
M1	23/5/2026	Mid-Flood	Cloudy	Low	11:19	2.5	M	1.25	2			7.12		2.96		28.1		40.9		2.95		19.14		39	
M2	23/5/2026	Mid-Flood	Cloudy	Low	11:44	2.3	M	1.15	1	0.077	189.844	7.13	7.12	2.81	2.85	28.1	28.15	40.0	39.30	2.89	2.84	20.36	20.23	39	41
M2	23/5/2026	Mid-Flood	Cloudy	Low	11:44	2.3	M	1.15	2			7.11		2.89		28.2		38.6		2.79		20.10		43	
M3	23/5/2026	Mid-Flood	Cloudy	Low	12:09	2	M	1.00	1	0.088	169.327	7.15	7.16	3.25	3.26	28.1	28.15	54.3	54.85	3.92	3.96	30.25	30.425	44	42
M3	23/5/2026	Mid-Flood	Cloudy	Low	12:09	2	M	1.00	2			7.16		3.27		28.2		55.4		4		30.60		39	
M1	23/5/2026	Mid-Ebb	Cloudy	Low	15:34	2.4	M	1.20	1	0.078	318.018	7.11	7.12	2.74	2.73	27.6	27.65	40.6	39.85	2.93	2.88	21.22	21.225	42	41
M1	23/5/2026	Mid-Ebb	Cloudy	Low	15:34	2.4	M	1.20	2			7.12		2.71		27.7		39.1		2.82		21.23		39	
M2	23/5/2026	Mid-Ebb	Cloudy	Low	15:09	2.2	M	1.10	1	0.059	325.419	7.11	7.12	2.72	2.72	27.6	27.65	40.9	40.20	2.95	2.90	21.41	21.57	43	40
M2	23/5/2026	Mid-Ebb	Cloudy	Low	15:09	2.2	M	1.10	2			7.12		2.71		27.7		39.5		2.85		21.73		37	
M3	23/5/2026	Mid-Ebb	Cloudy	Low	15:59	2	M	1.00	1	0.073	319.048	7.15	7.14	3.48	3.51	27.6	27.60	53.9	53.70	3.89	3.88	29.44	29.51	42	40
M3	23/5/2026	Mid-Ebb	Cloudy	Low	15:59	2	M	1.00	2			7.13		3.53		27.6		53.5		3.86		29.58		38	

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	26/5/2026	Mid-Flood	Cloudy	Low	14:54	2.7	M	1.35	1	0.082	170.126	7.09	7.10	2.99	3.04	28.1	28.15	40.6	40.20	2.91	2.88	20.69	20.63	22	22
M1	26/5/2026	Mid-Flood	Cloudy	Low	14:54	2.7	M	1.35	2			7.11		3.08		28.2		39.8		2.85		20.57		22	
M2	26/5/2026	Mid-Flood	Cloudy	Low	15:18	2.4	M	1.20	1	0.089	162.554	7.08	7.08	3.18	3.20	28.1	28.15	38.2	38.50	2.74	2.76	23.88	23.695	24	26
M2	26/5/2026	Mid-Flood	Cloudy	Low	15:18	2.4	M	1.20	2			7.08		3.22		28.2		38.8		2.78		23.51		28	
M3	26/5/2026	Mid-Flood	Cloudy	Low	15:26	2.1	M	1.05	1	0.079	162.202	7.15	7.16	3.65	3.62	28.1	28.15	53.8	53.70	3.86	3.85	33.42	33.215	22	22
M3	26/5/2026	Mid-Flood	Cloudy	Low	15:26	2.1	M	1.05	2			7.17		3.58		28.2		53.6		3.84		33.01		22	
M1	26/5/2026	Mid-Ebb	Cloudy	Low	9:45	2.5	M	1.25	1	0.065	343.207	7.09	7.09	3.12	3.14	28.0	28.00	38.4	37.45	2.75	2.69	18.95	18.74	9	6
M1	26/5/2026	Mid-Ebb	Cloudy	Low	9:45	2.5	M	1.25	2			7.09		3.15		28.0		36.5		2.62		18.53		3	
M2	26/5/2026	Mid-Ebb	Cloudy	Low	9:20	2.3	M	1.15	1	0.062	332.677	7.09	7.08	2.99	2.98	28.0	28.05	40.6	41.10	2.91	2.95	19.95	20.13	7	8
M2	26/5/2026	Mid-Ebb	Cloudy	Low	9:20	2.3	M	1.15	2			7.07		2.97		28.1		41.6		2.98		20.31		9	
M3	26/5/2026	Mid-Ebb	Cloudy	Low	10:05	2	M	1.00	1	0.078	334.82	7.15	7.15	3.65	3.62	28.0	28.00	55.1	55.80	3.95	4.00	34.11	33.94	8	9
M3	26/5/2026	Mid-Ebb	Cloudy	Low	10:05	2	M	1.00	2			7.15		3.59		28.0		56.5		4.05		33.77		9	

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	28/5/2026	Mid-Flood	Cloudy	Low	15:58	2.4	M	1.20	1	0.095	177.955	7.08	7.09	4.64	4.65	30.1	30.15	38.8	38.95	2.75	2.76	16.12	15.93	19	11
M1	28/5/2026	Mid-Flood	Cloudy	Low	15:58	2.4	M	1.20	2			7.09		4.65		30.2		39.1		2.77		15.74		3	
M2	28/5/2026	Mid-Flood	Cloudy	Low	16:21	2.1	M	1.05	1	0.082	181.419	7.09	7.09	4.55	4.58	30.1	30.15	39.5	40.10	2.8	2.85	15.90	15.775	20	20
M2	28/5/2026	Mid-Flood	Cloudy	Low	16:21	2.1	M	1.05	2			7.08		4.6		30.2		40.7		2.89		15.65		19	
M3	28/5/2026	Mid-Flood	Cloudy	Low	16:34	2	M	1.00	1	0.086	186.196	7.13	7.14	4.93	4.91	29.7	29.75	56.0	55.15	3.97	3.91	24.36	24.425	20	19
M3	28/5/2026	Mid-Flood	Cloudy	Low	16:34	2	M	1.00	2			7.14		4.89		29.8		54.3		3.85		24.49		18	
M1	28/5/2026	Mid-Ebb	Cloudy	Low	11:45	2.4	M	1.20	1	0.061	325.173	7.07	7.08	4.27	4.25	30.1	30.15	39.6	39.70	2.81	2.82	17.13	16.97	20	13
M1	28/5/2026	Mid-Ebb	Cloudy	Low	11:45	2.4	M	1.20	2			7.09		4.23		30.2		39.8		2.82		16.81		6	
M2	28/5/2026	Mid-Ebb	Cloudy	Low	11:23	2.2	M	1.10	1	0.069	334.33	7.08	7.08	4.39	4.41	30.1	30.10	40.2	40.00	2.85	2.84	16.11	16.255	20	19
M2	28/5/2026	Mid-Ebb	Cloudy	Low	11:23	2.2	M	1.10	2			7.07		4.42		30.1		39.8		2.82		16.40		18	
M3	28/5/2026	Mid-Ebb	Cloudy	Low	12:01	2	M	1.00	1	0.075	328.105	7.14	7.14	4.81	4.81	30.1	30.15	53.4	52.85	3.79	3.75	23.69	23.755	2	3
M3	28/5/2026	Mid-Ebb	Cloudy	Low	12:01	2	M	1.00	2			7.14		4.81		30.2		52.3		3.71		23.82		3	

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	30/5/2026	Mid-Flood	Sunny	Low	17:39	2.5	M	1.25	1	0.077	188.412	7.11	7.12	3.52	3.48	27.5	27.50	39.3	39.65	2.88	2.91	23.50	23.385	20	20
M1	30/5/2026	Mid-Flood	Sunny	Low	17:39	2.5	M	1.25	2			7.12		3.43		27.5		40.0		2.93		23.27		19	
M2	30/5/2026	Mid-Flood	Sunny	Low	18:03	2.2	M	1.10	1	0.078	162.333	7.11	7.11	3.41	3.38	27.5	27.50	38.4	37.75	2.81	2.77	23.90	23.95	22	22
M2	30/5/2026	Mid-Flood	Sunny	Low	18:03	2.2	M	1.10	2			7.11		3.35		27.5		37.1		2.72		24.00		21	
M3	30/5/2026	Mid-Flood	Sunny	Low	18:24	1.9	M	0.95	1	0.095	189.659	7.14	7.15	3.89	3.90	27.5	27.55	52.7	52.10	3.86	3.82	33.58	33.73	20	21
M3	30/5/2026	Mid-Flood	Sunny	Low	18:24	1.9	M	0.95	2			7.15		3.9		27.6		51.5		3.77		33.88		22	
M1	30/5/2026	Mid-Ebb	Sunny	Low	13:00	2.3	M	1.15	1	0.067	326.878	7.12	7.12	3.26	3.28	28.1	28.10	37.4	37.80	2.74	2.77	24.03	24.045	7	7
M1	30/5/2026	Mid-Ebb	Sunny	Low	13:00	2.3	M	1.15	2			7.12		3.3		28.1		38.2		2.8		24.06		6	
M2	30/5/2026	Mid-Ebb	Sunny	Low	12:35	2.2	M	1.10	1	0.072	319.179	7.11	7.10	3.31	3.32	28.1	28.15	38.1	37.20	2.79	2.73	23.33	23.15	7	6
M2	30/5/2026	Mid-Ebb	Sunny	Low	12:35	2.2	M	1.10	2			7.09		3.33		28.2		36.3		2.66		22.97		4	
M3	30/5/2026	Mid-Ebb	Sunny	Low	13:22	2	M	1.00	1	0.065	339.253	7.15	7.15	3.99	3.97	28.1	28.10	52.1	51.30	3.82	3.76	34.59	34.465	4	6
M3	30/5/2026	Mid-Ebb	Sunny	Low	13:22	2	M	1.00	2			7.15		3.94		28.1		50.5		3.7		34.34		7	

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.

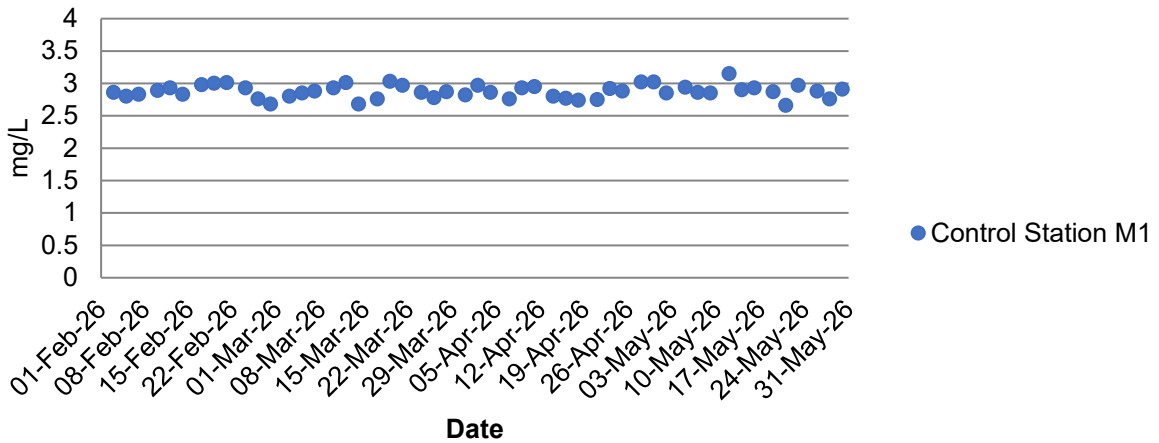
For Flood Tide

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

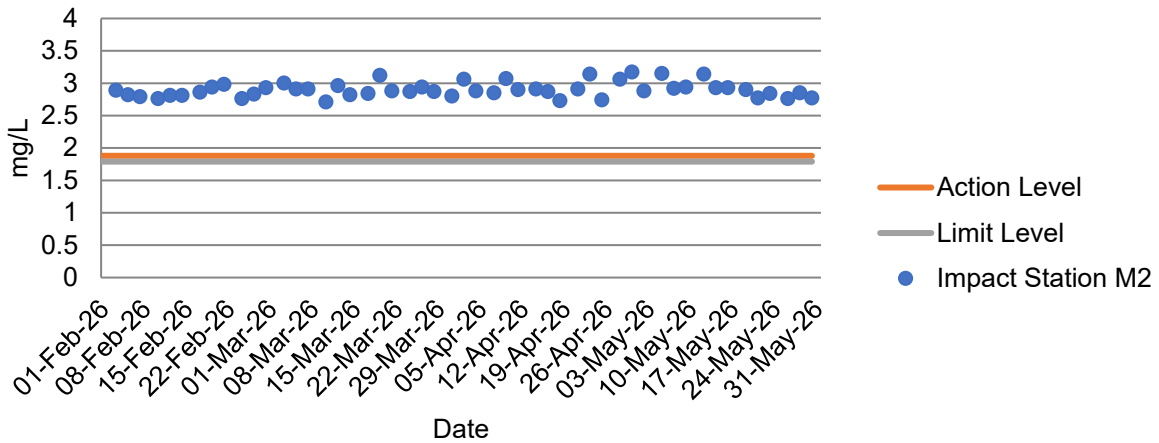
For Ebb Tide

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

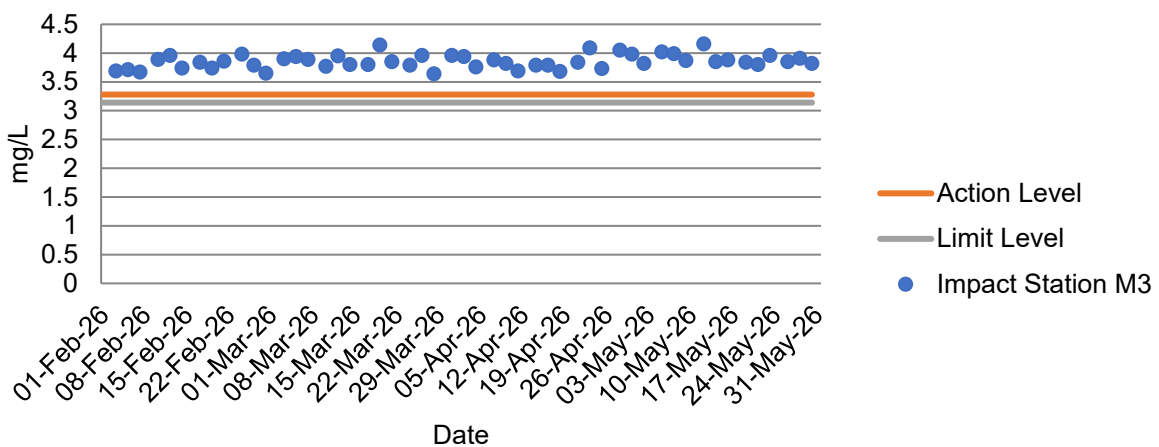
### Dissolved Oxygen at Mid-Flood Tide



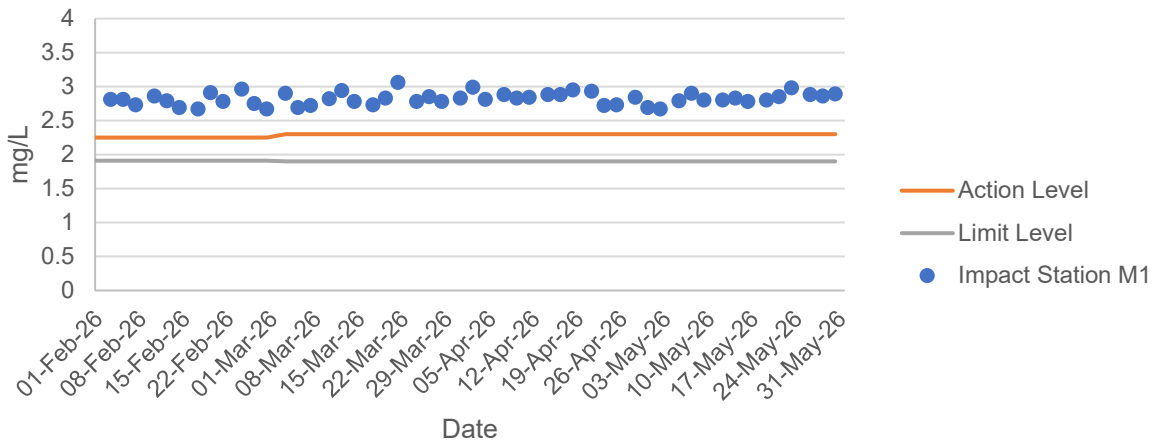
### Dissolved Oxygen at Mid-Flood Tide



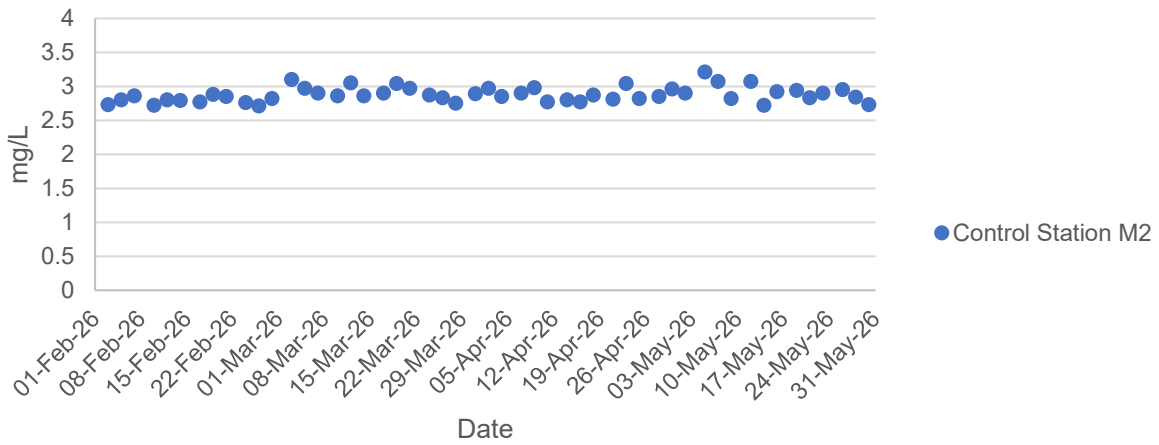
### Dissolved Oxygen at Mid-Flood Tide



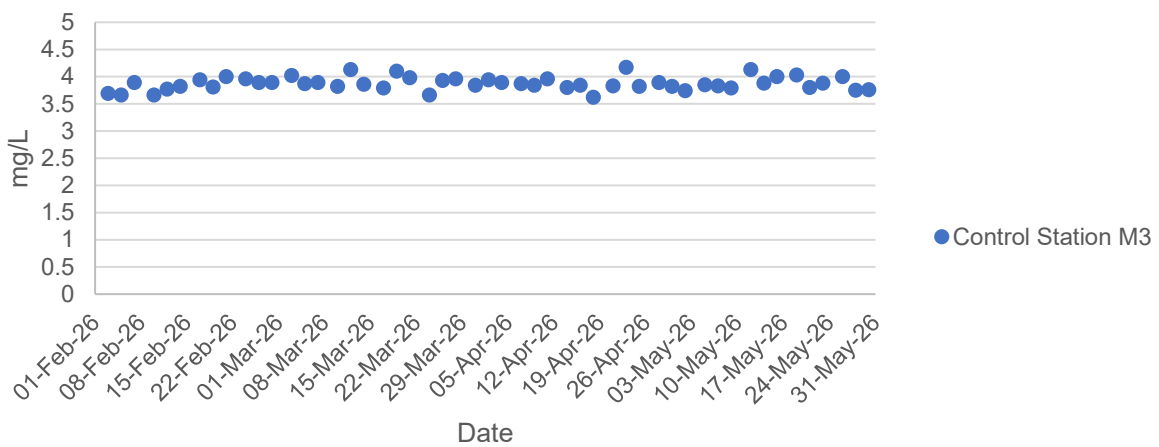
### Dissolved Oxygen at Mid-Ebb Tide

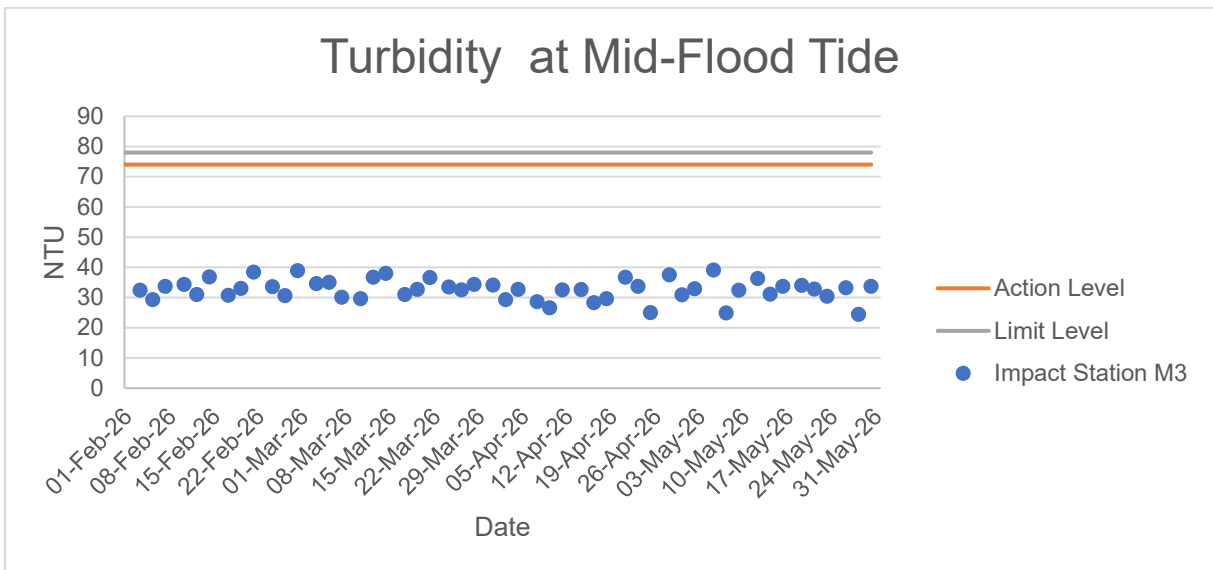
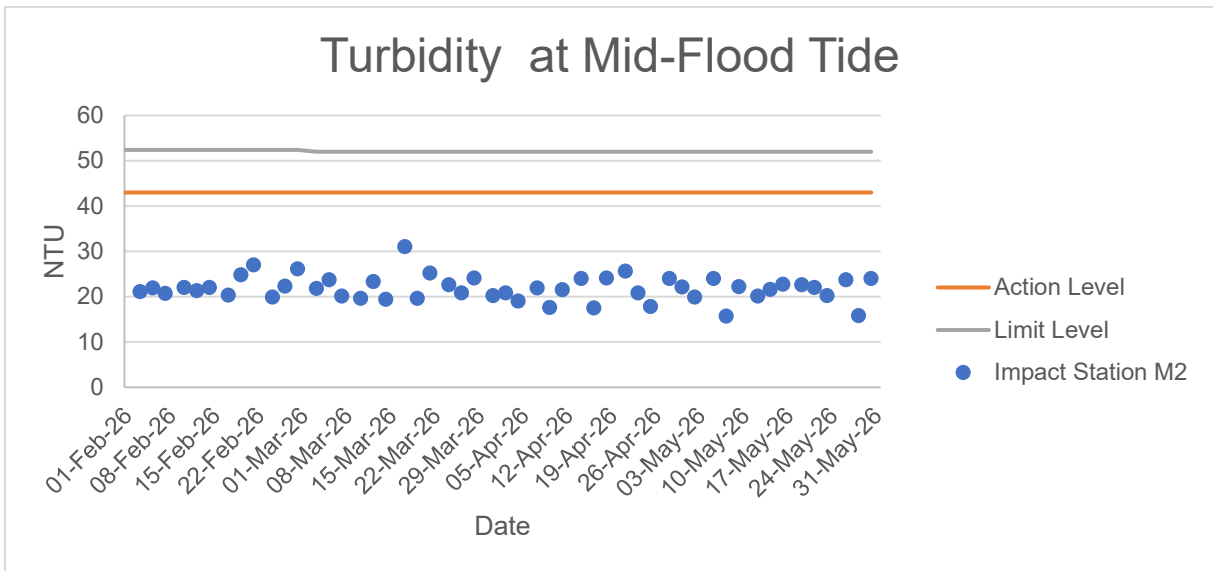
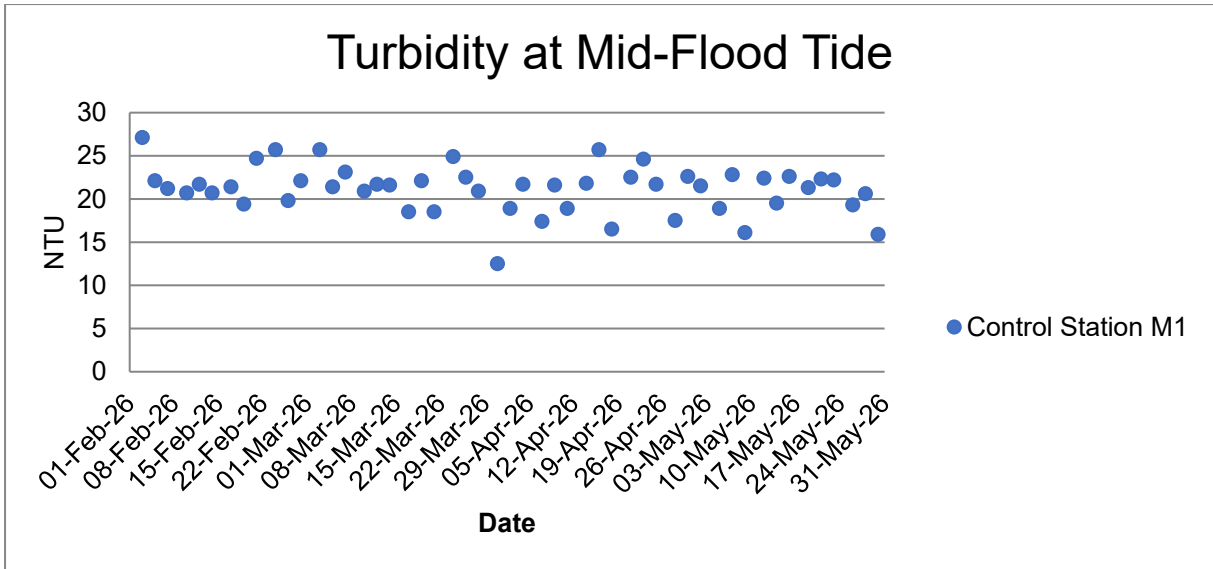


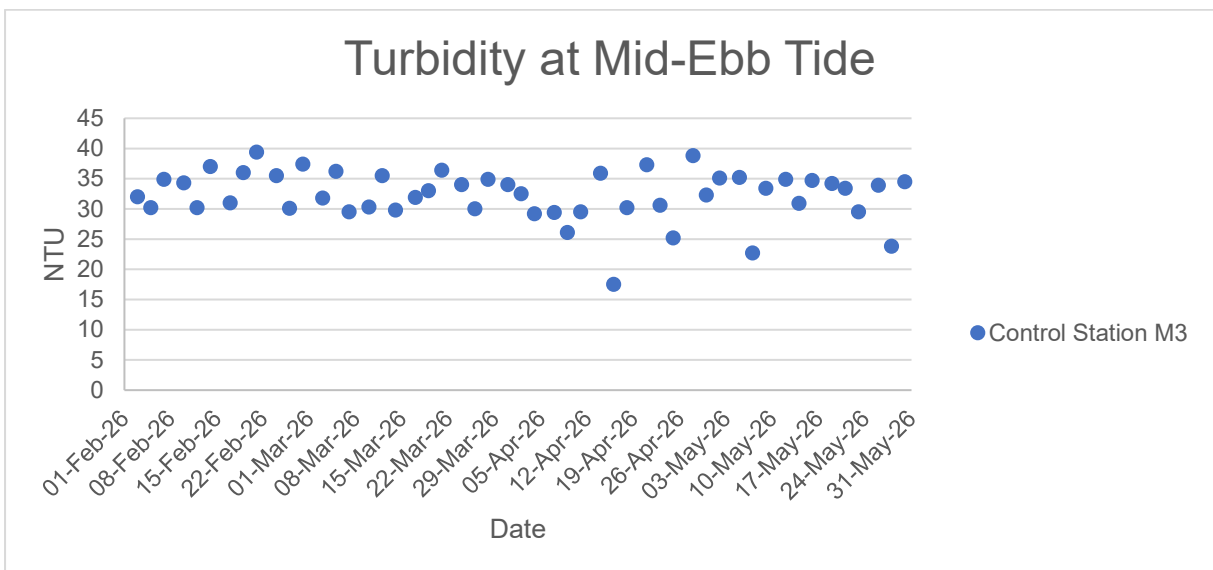
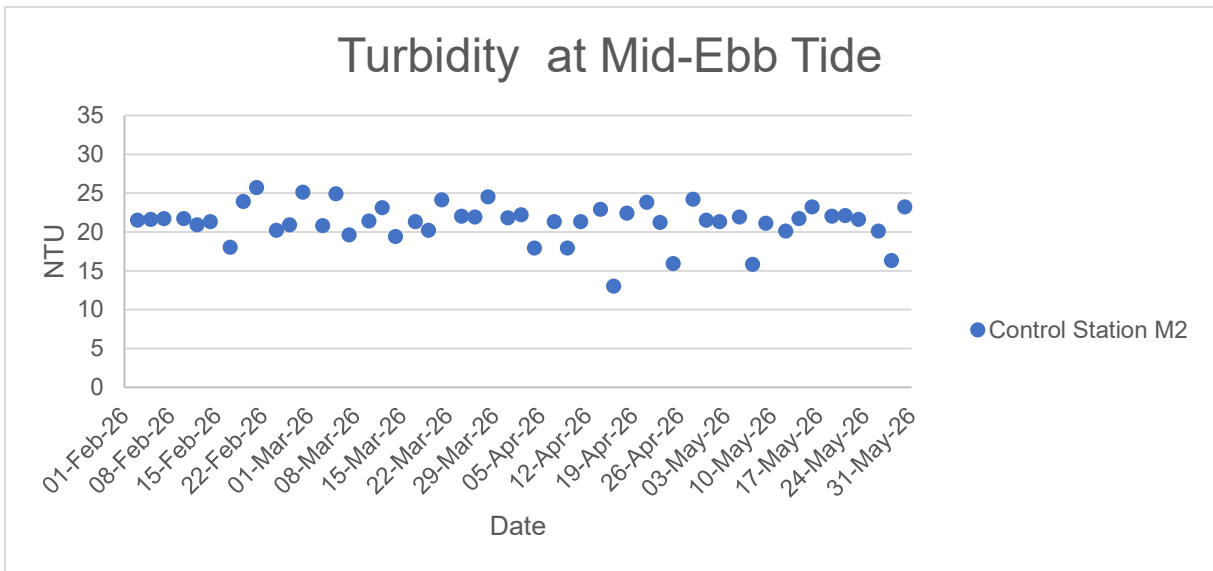
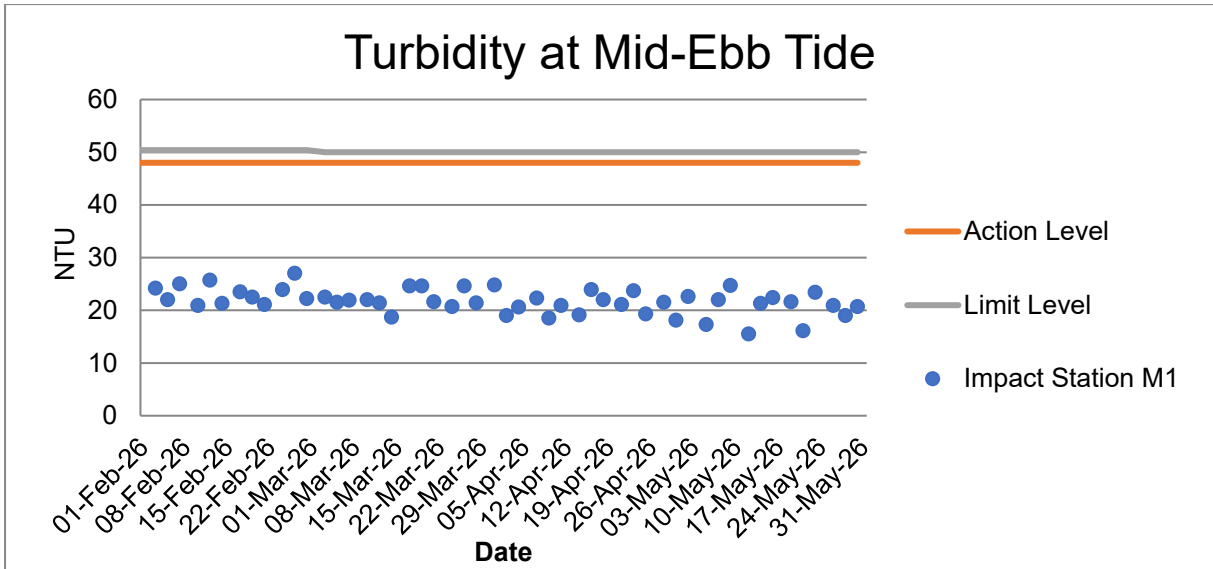
### Dissolved Oxygen at Mid-Ebb Tide



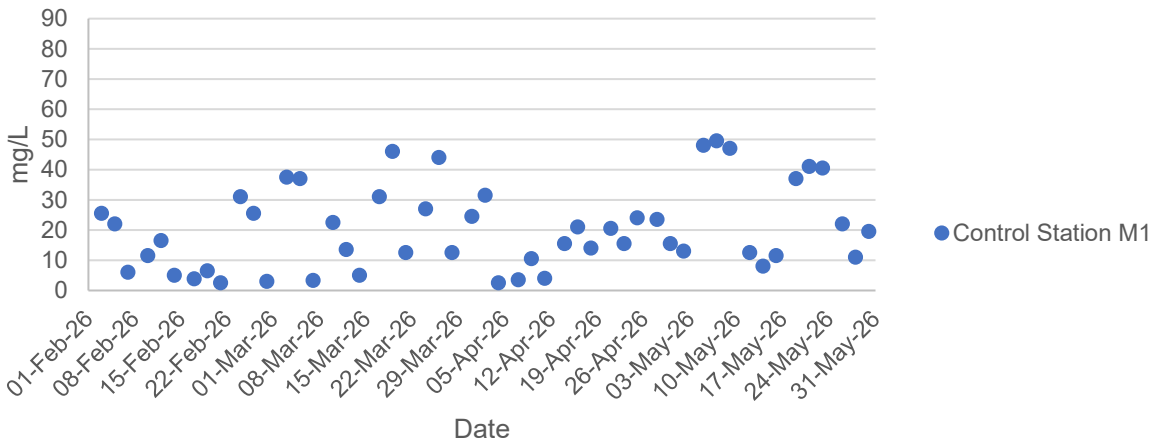
### Dissolved Oxygen at Mid-Ebb Tide



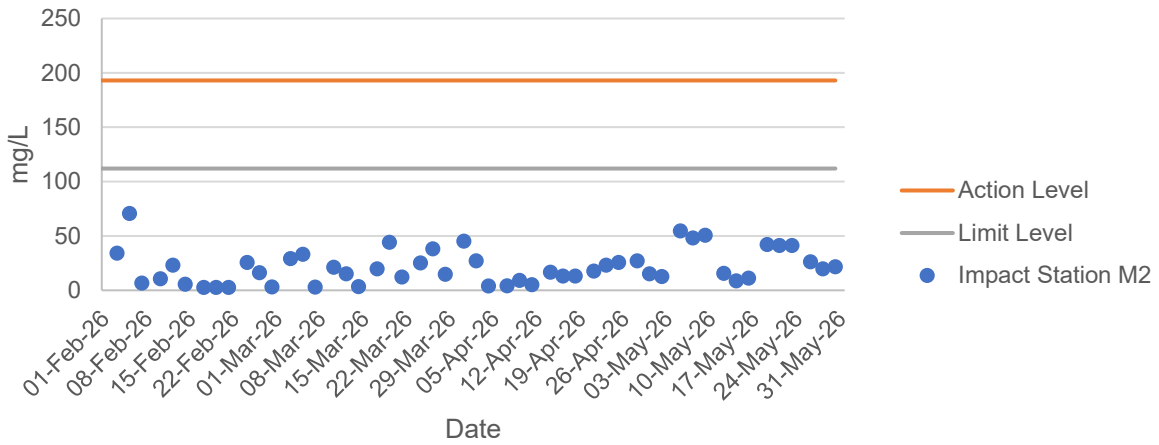




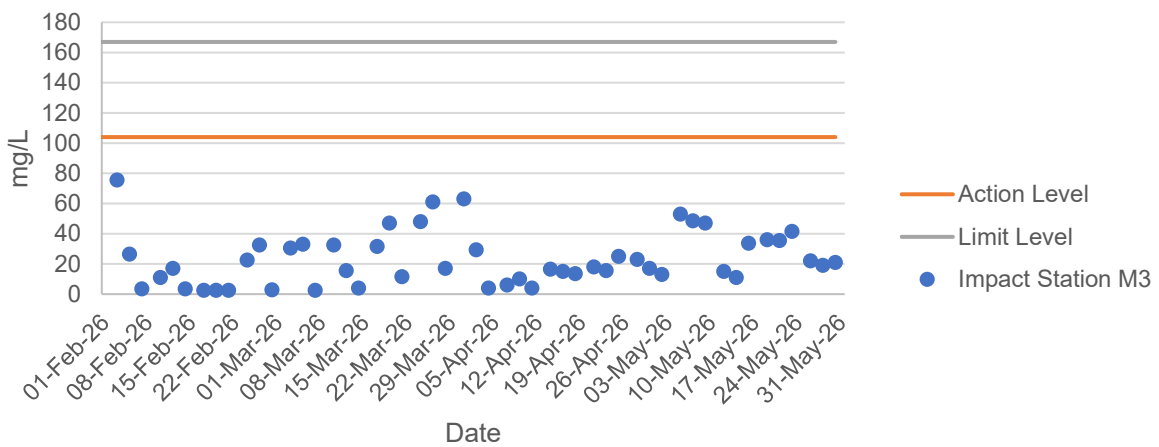
### Total Suspended Solids at Mid-Flood Tide



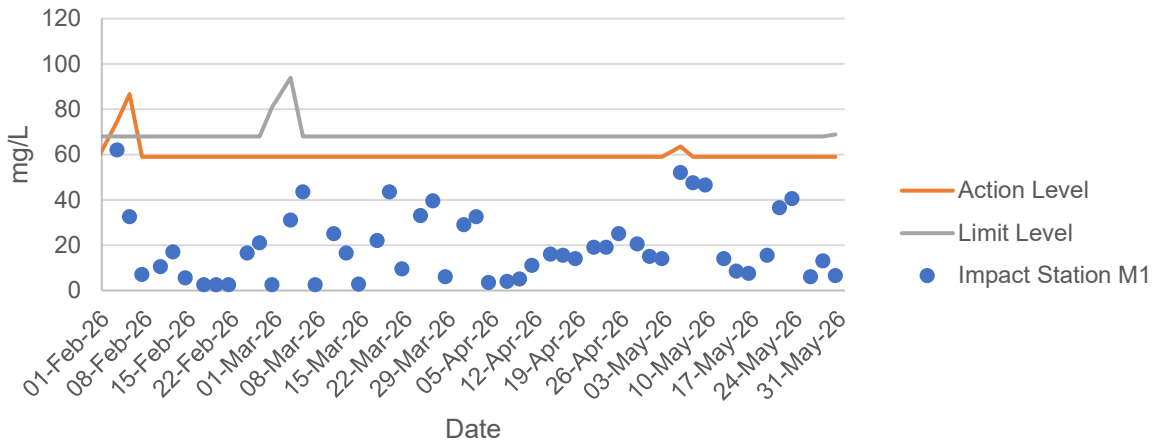
### Total Suspended Solids at Mid-Flood Tide



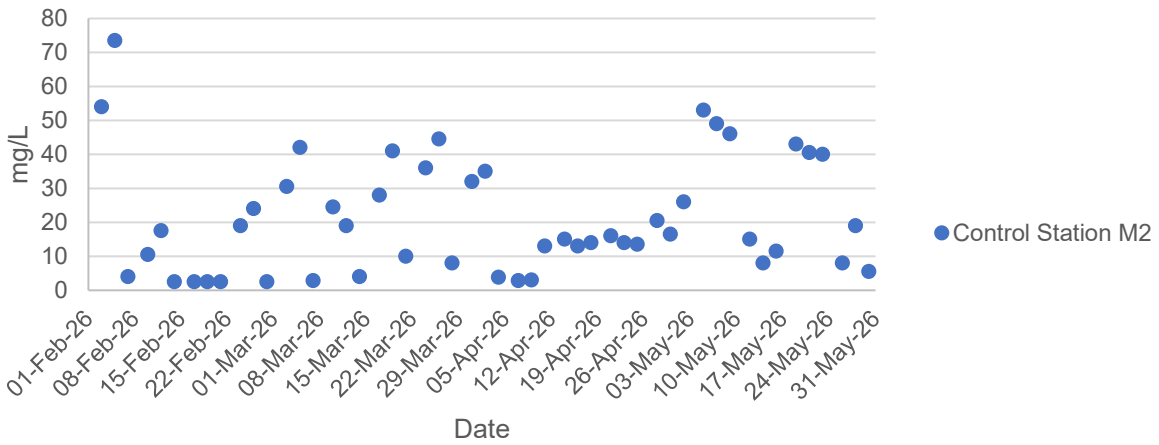
### Total Suspended Solids at Mid-Flood Tide



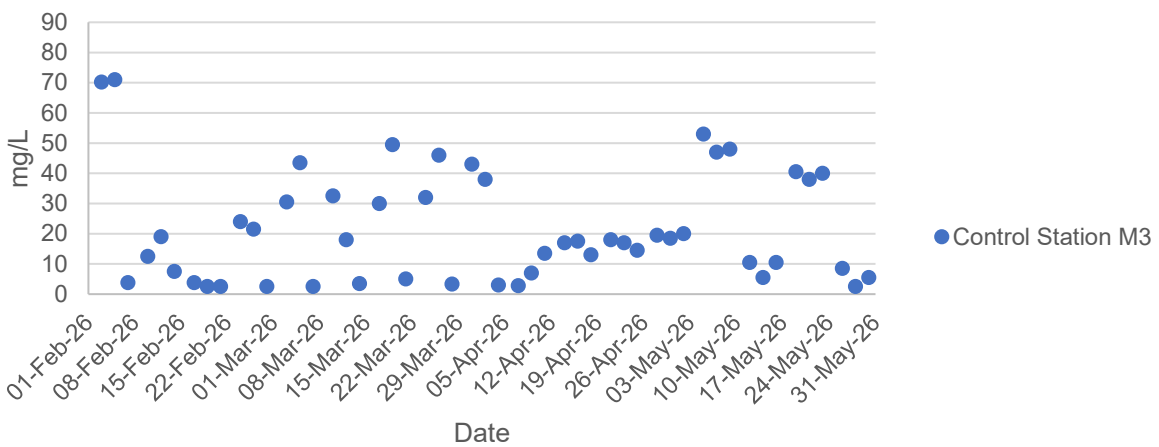
## Total Suspended Solids at Mid-Ebb Tide



## Total Suspended Solids at Mid-Ebb Tide



## Total Suspended Solids at Mid-Ebb Tide



Ecology Monitoring Results for

Contract No. SPW 01/2025

Environmental Team for Construction of Yuen

Long Effluent Polishing Plant Stage 1

## Appendix F.1 Ecological Bird Monitoring Result (07 May 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 <sup>2</sup>	Principal Status <sup>3</sup>	Level of Concern <sup>4</sup>	Protection Status in China <sup>5</sup>	China Red Data Book <sup>6</sup>	Red List of China's Vertebrates <sup>9</sup>	IUCN Red List <sup>7</sup> (v.2020-3)	Species of Conservation Importance	Wetland Dependent <sup>8</sup>
07/05/2026	Daytime	Wet	FLW	Point Count	FLW1	Chinese Pond Heron	<i>Ardeola bacchus</i>	6	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	FLW	Point Count	FLW1	Black Kite	<i>Milvus migrans</i>	1	Common	R,WV	(RC)	Class II	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	FLW	Point Count	FLW1	Common Sandpiper	<i>Actitis hypoleucos</i>	1	Common	PM,WV	-	-	-	LC	LC	N	Y
07/05/2026	Daytime	Wet	FLW	Point Count	FLW1	Spotted Dove	<i>Spilopelia chinensis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW1	Azure-winged Magpie	<i>Cyanopica cyanus</i>	2	Introduced	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW1	Barn Swallow	<i>Hirundo rustica</i>	3	Abundant	PM,SV	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW1	Crested Myna	<i>Acridotheres cristatellus</i>	6	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW1	Black-collared Starling	<i>Gracupica nigricollis</i>	4	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW1	White Wagtail	<i>Motacilla alba</i>	3	Common	PM,WV	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW2	White-breasted Waterhen	<i>Amauornis phoenicurus</i>	1	Common	R	-	-	-	LC	LC	N	Y
07/05/2026	Daytime	Wet	FLW	Point Count	FLW2	Chinese Bulbul	<i>Pycnonotus sinensis</i>	3	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW2	Barn Swallow	<i>Hirundo rustica</i>	2	Abundant	PM,SV	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW2	Plain Prinia	<i>Prinia inornata</i>	1	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW3	Crested Myna	<i>Acridotheres cristatellus</i>	2	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW3	Black-collared Starling	<i>Gracupica nigricollis</i>	2	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW3	White-shouldered Starling	<i>Sturnia sinensis</i>	2	Common	M,W,Su	(LC)	-	-	-	LC	Y	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW3	White Wagtail	<i>Motacilla alba</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW4	Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	1	Common	R,WV	(LC)	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	FLW	Point Count	FLW4	Chinese Pond Heron	<i>Ardeola bacchus</i>	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	FLW	Point Count	FLW4	White-breasted Waterhen	<i>Amauornis phoenicurus</i>	4	Common	R	-	-	-	LC	LC	N	Y
07/05/2026	Daytime	Wet	FLW	Point Count	FLW4	Indian Cuckoo	<i>Cuculus micropterus</i>	1	Uncommon	SV	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW4	Long-tailed Shrike	<i>Lanius schach</i>	1	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW4	Black Drongo	<i>Dicrurus macrocercus</i>	1	Common	SV	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW4	Chinese Bulbul	<i>Pycnonotus sinensis</i>	3	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW4	Black-collared Starling	<i>Gracupica nigricollis</i>	3	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW5	Little Grebe	<i>Tachybaptus ruficollis</i>	3	Common	R	LC	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	FLW	Point Count	FLW5	Chinese Pond Heron	<i>Ardeola bacchus</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	FLW	Point Count	FLW5	White-breasted Waterhen	<i>Amauornis phoenicurus</i>	1	Common	R	-	-	-	LC	LC	N	Y
07/05/2026	Daytime	Wet	FLW	Point Count	FLW5	Eurasian Collared Dove	<i>Streptopelia decaocto</i>	2	Common	-	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW5	Spotted Dove	<i>Spilopelia chinensis</i>	3	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW5	Asian Koel	<i>Eudynamis scolopaceus</i>	1	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW5	Chinese Bulbul	<i>Pycnonotus sinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW5	Plain Prinia	<i>Prinia inornata</i>	2	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW5	Common Tailorbird	<i>Orthotomus sutorius</i>	1	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW5	Masked Laughingthrush	<i>Pterorhinus perspicillatus</i>	3	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW5	Swinhoe's White-eye	<i>Zosterops simplex</i>	2	Abundant	R	-	-	-	LC	LC	N	N

## Appendix F.1 Ecological Bird Monitoring Result (07 May 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 <sup>2</sup>	Principal Status <sup>3</sup>	Level of Concern <sup>4</sup>	Protection Status in China <sup>5</sup>	China Red Data Book <sup>6</sup>	Red List of China's Vertebrates <sup>9</sup>	IUCN Red List <sup>7</sup> (v.2020-3)	Species of Conservation Importance	Wetland Dependent <sup>8</sup>
07/05/2026	Daytime	Wet	FLW	Point Count	FLW5	Crested Myna	<i>Acridotheres cristatellus</i>	3	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW5	Common Myna	<i>Acridotheres tristis</i>	2	Uncommon	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW5	Black-collared Starling	<i>Gracupica nigricollis</i>	4	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW5	Eurasian Tree Sparrow	<i>Passer montanus</i>	5	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW5	Brown Shrike	<i>Lanius cristatus</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW6	White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	1	Common	R	-	-	-	LC	LC	N	Y
07/05/2026	Daytime	Wet	FLW	Point Count	FLW6	Spotted Dove	<i>Spilopelia chinensis</i>	3	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW6	Greater Coucal	<i>Centropus sinensis</i>	1	Common	R	-	Class II	VU	LC	LC	Y	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW6	Crested Myna	<i>Acridotheres cristatellus</i>	4	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW6	Black-collared Starling	<i>Gracupica nigricollis</i>	3	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW7	Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	2	Common	R,WV	(LC)	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	FLW	Point Count	FLW7	Chinese Pond Heron	<i>Ardeola bacchus</i>	22	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	FLW	Point Count	FLW7	Great Egret	<i>Ardea alba</i>	2	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	FLW	Point Count	FLW7	Whiskered Tern	<i>Chlidonias hybrida</i>	1	Uncommon	PM	-	-	-	LC	LC	N	Y
07/05/2026	Daytime	Wet	FLW	Point Count	FLW7	Eurasian Collared Dove	<i>Streptopelia decaocto</i>	1	Common	-	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW7	Spotted Dove	<i>Spilopelia chinensis</i>	4	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW7	White-throated Kingfisher	<i>Halcyon smyrnensis</i>	1	Common	R	(LC)	Class II	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	FLW	Point Count	FLW7	Azure-winged Magpie	<i>Cyanopica cyanus</i>	16	Introduced	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW7	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	3	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW7	Swinhoe's White-eye	<i>Zosterops simplex</i>	2	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW7	Crested Myna	<i>Acridotheres cristatellus</i>	3	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW7	Common Myna	<i>Acridotheres tristis</i>	4	Uncommon	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Point Count	FLW7	Oriental Magpie Robin	<i>Copsychus saularis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	NSW1	Great Egret	<i>Ardea alba</i>	1	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	NSW	Point Count	NSW1	Little Egret	<i>Egretta garzetta</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	NSW	Point Count	NSW1	Spotted Dove	<i>Spilopelia chinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	NSW1	Asian Koel	<i>Eudynamis scolopaceus</i>	1	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	NSW1	Large Hawk-Cuckoo	<i>Hierococcyx sparveriioides</i>	1	Common	PM,SV	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	NSW1	Pied Kingfisher	<i>Ceryle rudis</i>	1	Uncommon	R	-	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	NSW	Point Count	NSW1	Large-billed Crow	<i>Corvus macrorhynchos</i>	1	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	NSW1	Japanese Tit	<i>Parus minor</i>	2	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	NSW1	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	4	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	NSW1	Common Tailorbird	<i>Orthotomus sutorius</i>	1	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	NSW1	Masked Laughingthrush	<i>Pterorhinus perspicillatus</i>	6	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	NSW1	Swinhoe's White-eye	<i>Zosterops simplex</i>	3	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	NSW1	Black-collared Starling	<i>Gracupica nigricollis</i>	4	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	NSW1	White-shouldered	<i>Sturnia sinensis</i>	3	Common	M,W,Su	(LC)	-	-	-	LC	Y	N

## Appendix F.1 Ecological Bird Monitoring Result (07 May 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 <sup>2</sup>	Principal Status <sup>3</sup>	Level of Concern <sup>4</sup>	Protection Status in China <sup>5</sup>	China Red Data Book <sup>6</sup>	Red List of China's Vertebrates <sup>9</sup>	IUCN Red List <sup>7</sup> (v.2020-3)	Species of Conservation Importance	Wetland Dependent <sup>8</sup>
						Starling											
07/05/2026	Daytime	Wet	NSW	Point Count	NSW1	Oriental Magpie Robin	<i>Copsychus saularis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	NSW1	Eurasian Tree Sparrow	<i>Passer montanus</i>	6	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	NSW1	White Wagtail	<i>Motacilla alba</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Chinese Pond Heron	<i>Ardeola bacchus</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	1	Common	R	-	-	-	LC	LC	N	Y
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Common Moorhen	<i>Gallinula chloropus</i>	2	Common	R	-	-	-	LC	LC	N	Y
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Asian Koel	<i>Eudynamis scolopaceus</i>	1	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Large Hawk-Cuckoo	<i>Hierococcyx sparveriioides</i>	1	Common	PM,SV	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	3	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Chinese Bulbul	<i>Pycnonotus sinensis</i>	3	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Barn Swallow	<i>Hirundo rustica</i>	3	Abundant	PM,SV	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Plain Prinia	<i>Prinia inornata</i>	1	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Swinhoe's White-eye	<i>Zosterops simplex</i>	2	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Crested Myna	<i>Acridotheres cristatellus</i>	6	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Black-collared Starling	<i>Gracupica nigricollis</i>	2	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW1	Oriental Magpie Robin	<i>Copsychus saularis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Chinese Pond Heron	<i>Ardeola bacchus</i>	3	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Little Egret	<i>Egretta garzetta</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Greater Coucal	<i>Centropus sinensis</i>	1	Common	R	-	Class II	VU	LC	LC	Y	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Indian Cuckoo	<i>Cuculus micropterus</i>	1	Uncommon	SV	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Collared Crow	<i>Corvus torquatus</i>	2	Uncommon	R	LC	-	-	NT	VU	Y	Y
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	3	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Barn Swallow	<i>Hirundo rustica</i>	6	Abundant	PM,SV	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Swinhoe's White-eye	<i>Zosterops simplex</i>	1	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Crested Myna	<i>Acridotheres cristatellus</i>	4	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	White-winged Tern	<i>Chlidonias leucopterus</i>	2	Common	-	-	-	-	-	-	Y	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW2	Grey Wagtail	<i>Motacilla cinerea</i>	1	Common	-	-	-	-	-	-	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Grey Heron	<i>Ardea cinerea</i>	2	Common	WV	PRC	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Great Egret	<i>Ardea alba</i>	4	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Little Egret	<i>Egretta garzetta</i>	5	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Black Kite	<i>Milvus migrans</i>	1	Common	R,WV	(RC)	Class II	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	2	Common	R	-	-	-	LC	LC	N	Y
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Pied Avocet	<i>Recurvirostra avosetta</i>	2	Abundant	WV	RC	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Whiskered Tern	<i>Chlidonias hybrida</i>	4	Uncommon	PM	-	-	-	LC	LC	N	Y
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Spotted Dove	<i>Spilopelia chinensis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Indian Cuckoo	<i>Cuculus micropterus</i>	1	Uncommon	SV	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Black Drongo	<i>Dicrurus macrocercus</i>	1	Common	SV	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Azure-winged	<i>Cyanopica cyanus</i>	3	Introduced	R	-	-	-	LC	LC	N	N

## Appendix F.1 Ecological Bird Monitoring Result (07 May 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 <sup>2</sup>	Principal Status <sup>3</sup>	Level of Concern <sup>4</sup>	Protection Status in China <sup>5</sup>	China Red Data Book <sup>6</sup>	Red List of China's Vertebrates <sup>9</sup>	IUCN Red List <sup>7</sup> (v.2020-3)	Species of Conservation Importance	Wetland Dependent <sup>8</sup>
						Magpie											
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Japanese Tit	<i>Parus minor</i>	2	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	8	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Chinese Bulbul	<i>Pycnonotus sinensis</i>	3	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Barn Swallow	<i>Hirundo rustica</i>	5	Abundant	PM,SV	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Plain Prinia	<i>Prinia inornata</i>	1	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Crested Myna	<i>Acridotheres crisatellus</i>	4	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	Black-collared Starling	<i>Gracupica nigricollis</i>	4	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	White Wagtail	<i>Motacilla alba</i>	4	Common	PM,WV	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Point Count	SP/NSW3	White-winged Tern	<i>Chlidonias leucopterus</i>	25	Common	-	-	-	-	-	-	Y	N
07/05/2026	Daytime	Wet	FLW	Transect	FLW	Yellow Bittern	<i>Ixobrychus sinensis</i>	1	Uncommon	PM,SV	(LC)	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	FLW	Transect	FLW	Chinese Pond Heron	<i>Ardeola bacchus</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	FLW	Transect	FLW	White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	1	Common	R	-	-	-	LC	LC	N	Y
07/05/2026	Daytime	Wet	FLW	Transect	FLW	Spotted Dove	<i>Spilopelia chinensis</i>	6	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Transect	FLW	Greater Coucal	<i>Centropus sinensis</i>	2	Common	R	-	Class II	VU	LC	LC	Y	N
07/05/2026	Daytime	Wet	FLW	Transect	FLW	Indian Cuckoo	<i>Cuculus micropterus</i>	1	Uncommon	SV	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Transect	FLW	White-throated Kingfisher	<i>Halcyon smyrnenis</i>	1	Common	R	(LC)	Class II	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	FLW	Transect	FLW	Black Drongo	<i>Dicrurus macrocerus</i>	1	Common	SV	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Transect	FLW	Azure-winged Magpie	<i>Cyanopica cyanus</i>	7	Introduced	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Transect	FLW	Large-billed Crow	<i>Corvus macrorhynchos</i>	1	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Transect	FLW	Barn Swallow	<i>Hirundo rustica</i>	2	Abundant	PM,SV	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Transect	FLW	Plain Prinia	<i>Prinia inornata</i>	2	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Transect	FLW	Masked Laughingthrush	<i>Pterorhinus perspicillatus</i>	2	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Transect	FLW	Black-collared Starling	<i>Gracupica nigricollis</i>	6	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Transect	FLW	Oriental Magpie Robin	<i>Copsychus saularis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	FLW	Transect	FLW	Scaly-breasted Munia	<i>Lonchura punctulata</i>	8	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Transect	NSW	Chinese Pond Heron	<i>Ardeola bacchus</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	NSW	Transect	NSW	Little Egret	<i>Egretta garzetta</i>	4	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	NSW	Transect	NSW	Common Sandpiper	<i>Actitis hypoleucos</i>	1	Common	PM,WV	-	-	-	LC	LC	N	Y
07/05/2026	Daytime	Wet	NSW	Transect	NSW	Common Greenshank	<i>Tringa nebularia</i>	1	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	NSW	Transect	NSW	Spotted Dove	<i>Spilopelia chinensis</i>	2	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Transect	NSW	Asian Koel	<i>Eudynamys scolopaceus</i>	1	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Transect	NSW	Black Drongo	<i>Dicrurus macrocerus</i>	2	Common	SV	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Transect	NSW	Azure-winged Magpie	<i>Cyanopica cyanus</i>	2	Introduced	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Transect	NSW	Yellow-bellied Prinia	<i>Prinia flaviventris</i>	1	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Transect	NSW	Plain Prinia	<i>Prinia inornata</i>	2	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Transect	NSW	Masked	<i>Pterorhinus</i>	3	Abundant	R	-	-	-	LC	LC	N	N

## Appendix F.1 Ecological Bird Monitoring Result (07 May 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 <sup>2</sup>	Principal Status <sup>3</sup>	Level of Concern <sup>4</sup>	Protection Status in China <sup>5</sup>	China Red Data Book <sup>6</sup>	Red List of China's Vertebrates <sup>9</sup>	IUCN Red List <sup>7</sup> (v.2020-3)	Species of Conservation Importance	Wetland Dependent <sup>8</sup>
						Laughingthrush	<i>perspicillatus</i>										
07/05/2026	Daytime	Wet	NSW	Transect	NSW	Common Myna	<i>Acridotheres tristis</i>	2	Uncommon	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Transect	NSW	Black-collared Starling	<i>Gracupica nigricollis</i>	2	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Transect	NSW	Oriental Magpie Robin	<i>Copsychus saularis</i>	1	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Transect	NSW	White Wagtail	<i>Motacilla alba</i>	1	Common	PM,WV	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	NSW	Transect	NSW	White-winged Tern	<i>Chlidonias leucopterus</i>	2	Common	-	-	-	-	-	-	Y	N
07/05/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Chinese Pond Heron	<i>Ardeola bacchus</i>	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Little Egret	<i>Egretta garzetta</i>	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/05/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	White-breasted Waterhen	<i>Amauornis phoenicurus</i>	2	Common	R	-	-	-	LC	LC	N	Y
07/05/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Common Moorhen	<i>Gallinula chloropus</i>	1	Common	R	-	-	-	LC	LC	N	Y
07/05/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Asian Koel	<i>Eudynamis scolopaceus</i>	1	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Chinese Bulbul	<i>Pycnonotus sinensis</i>	4	Abundant	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Barn Swallow	<i>Hirundo rustica</i>	4	Abundant	PM,SV	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Black-collared Starling	<i>Gracupica nigricollis</i>	4	Common	R	-	-	-	LC	LC	N	N
07/05/2026	Daytime	Wet	YLIE-CW	Transect	YLIE-CW	Oriental Magpie Robin	<i>Copsychus saularis</i>	1	Abundant	R	-	-	-	LC	LC	N	N

## Notes:

- All wild birds are protected under Wild Animals Protection Ordinance (Cap. 170).
- AFCD (2021). Hong Kong Biodiversity Database.
- Carey et al. (2001): R=resident; WV=winter visitor; SV=summer visitor; PM=passage migrant; Sp=spring; A=autumn;
- Fellowes et al. (2002): LC=Local Concern; RC=Regional Concern; PRC=Potential Regional Concern; PGC: Potential Global Concern. Letters in parentheses indicate that the assessment is on the basis of restrictedness in nesting and/or roosting sites rather than in general occurrence.
- List of Wild Animals under State Protection (promulgated by State Forestry Administration and Ministry of Agriculture on 14 January, 1989).
- Zheng, G. M. and Wang, Q. S. (1998). China Red Data Book
- IUCN 2021. The IUCN Red List of Threatened Species. Version 2020-3.
- Wetland-dependent species (including wetland-dependent species and waterbirds).
- Jiang et al. (2016). Red List of China's Vertebrates

Appendix F.2.1 Ecological Bird Monitoring Diversity (All avifauna species in Point Count Method) in All Habitats (07 May 2026)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) <sup>2</sup>
<i>Tachybaptus ruficollis</i>	3	0.0088	-4.7333	-0.0416	0.1971
<i>Nycticorax nycticorax</i>	3	0.0088	-4.7333	-0.0416	0.1971
<i>Ardeola bacchus</i>	35	0.1026	-2.2765	-0.2337	0.5319
<i>Ardea cinerea</i>	2	0.0059	-5.1387	-0.0301	0.1549
<i>Ardea alba</i>	7	0.0205	-3.8860	-0.0798	0.3100
<i>Egretta garzetta</i>	7	0.0205	-3.8860	-0.0798	0.3100
<i>Milvus migrans</i>	2	0.0059	-5.1387	-0.0301	0.1549
<i>Amaurornis phoenicurus</i>	10	0.0293	-3.5293	-0.1035	0.3653
<i>Gallinula chloropus</i>	2	0.0059	-5.1387	-0.0301	0.1549
<i>Recurvirostra avosetta</i>	2	0.0059	-5.1387	-0.0301	0.1549
<i>Actitis hypoleucos</i>	1	0.0029	-5.8319	-0.0171	0.0997
<i>Chlidonias hybrida</i>	5	0.0147	-4.2224	-0.0619	0.2614
<i>Chlidonias leucopterus</i>	27	0.0792	-2.5360	-0.2008	0.5092
<i>Streptopelia decaocto</i>	3	0.0088	-4.7333	-0.0416	0.1971
<i>Spilopelia chinensis</i>	14	0.0411	-3.1928	-0.1311	0.4185
<i>Centropus sinensis</i>	2	0.0059	-5.1387	-0.0301	0.1549
<i>Eudynamis scolopaceus</i>	3	0.0088	-4.7333	-0.0416	0.1971
<i>Hierococcyx sparverioides</i>	2	0.0059	-5.1387	-0.0301	0.1549
<i>Cuculus micropterus</i>	3	0.0088	-4.7333	-0.0416	0.1971
<i>Halcyon smyrensis</i>	1	0.0029	-5.8319	-0.0171	0.0997
<i>Ceryle rudis</i>	1	0.0029	-5.8319	-0.0171	0.0997
<i>Lanius cristatus</i>	1	0.0029	-5.8319	-0.0171	0.0997
<i>Lanius schach</i>	1	0.0029	-5.8319	-0.0171	0.0997
<i>Dicrurus macrocercus</i>	2	0.0059	-5.1387	-0.0301	0.1549
<i>Cyanopica cyanus</i>	21	0.0616	-2.7874	-0.1717	0.4785
<i>Corvus torquatus</i>	2	0.0059	-5.1387	-0.0301	0.1549
<i>Corvus macrorhynchos</i>	1	0.0029	-5.8319	-0.0171	0.0997
<i>Parus minor</i>	4	0.0117	-4.4456	-0.0521	0.2318
<i>Pycnonotus jocosus</i>	21	0.0616	-2.7874	-0.1717	0.4785
<i>Pycnonotus sinensis</i>	14	0.0411	-3.1928	-0.1311	0.4185
<i>Hirundo rustica</i>	19	0.0557	-2.8874	-0.1609	0.4645
<i>Prinia inornata</i>	5	0.0147	-4.2224	-0.0619	0.2614
<i>Orthotomus sutorius</i>	2	0.0059	-5.1387	-0.0301	0.1549
<i>Pterorhinus perspicillatus</i>	9	0.0264	-3.6347	-0.0959	0.3487
<i>Zosterops simplex</i>	10	0.0293	-3.5293	-0.1035	0.3653
<i>Acridotheres cristatellus</i>	32	0.0938	-2.3661	-0.2220	0.5254
<i>Acridotheres tristis</i>	6	0.0176	-4.0401	-0.0711	0.2872
<i>Gracupica nigricollis</i>	26	0.0762	-2.5738	-0.1962	0.5051
<i>Sturnia sinensis</i>	5	0.0147	-4.2224	-0.0619	0.2614
<i>Copsychus saularis</i>	4	0.0117	-4.4456	-0.0521	0.2318
<i>Passer montanus</i>	11	0.0323	-3.4340	-0.1108	0.3804
<i>Motacilla cinerea</i>	1	0.0029	-5.8319	-0.0171	0.0997
<i>Motacilla alba</i>	9	0.0264	-3.6347	-0.0959	0.3487
Total	341	1	-186.4709	-3.2486	11.3711
Richness	43				
SS	11.3711				
SQ	10.5533				
H	3.2486				

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) <sup>2</sup>
S <sup>2</sup> H	0.0026				

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

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) <sup>2</sup>
<i>Tachybaptus ruficollis</i>	3	0.0417	-3.1781	-0.1324	0.4208
<i>Nycticorax nycticorax</i>	3	0.0417	-3.1781	-0.1324	0.4208
<i>Ardeola bacchus</i>	35	0.4861	-0.7213	-0.3506	0.2529
<i>Ardea cinerea</i>	2	0.0278	-3.5835	-0.0995	0.3567
<i>Ardea alba</i>	7	0.0972	-2.3308	-0.2266	0.5282
<i>Egretta garzetta</i>	7	0.0972	-2.3308	-0.2266	0.5282
<i>Milvus migrans</i>	2	0.0278	-3.5835	-0.0995	0.3567
<i>Recurvirostra avosetta</i>	2	0.0278	-3.5835	-0.0995	0.3567
<i>Centropus sinensis</i>	2	0.0278	-3.5835	-0.0995	0.3567
<i>Halcyon smyrnensis</i>	1	0.0139	-4.2767	-0.0594	0.2540
<i>Ceryle rudis</i>	1	0.0139	-4.2767	-0.0594	0.2540
<i>Corvus torquatus</i>	2	0.0278	-3.5835	-0.0995	0.3567
<i>Sturnia sinensis</i>	5	0.0694	-2.6672	-0.1852	0.4940
Total	72	1	-40.8771	-1.8704	4.9365
Richness	13				
SS	4.9365				
SQ	3.4984				
H	1.8704				
S <sup>2</sup> H	0.021131				

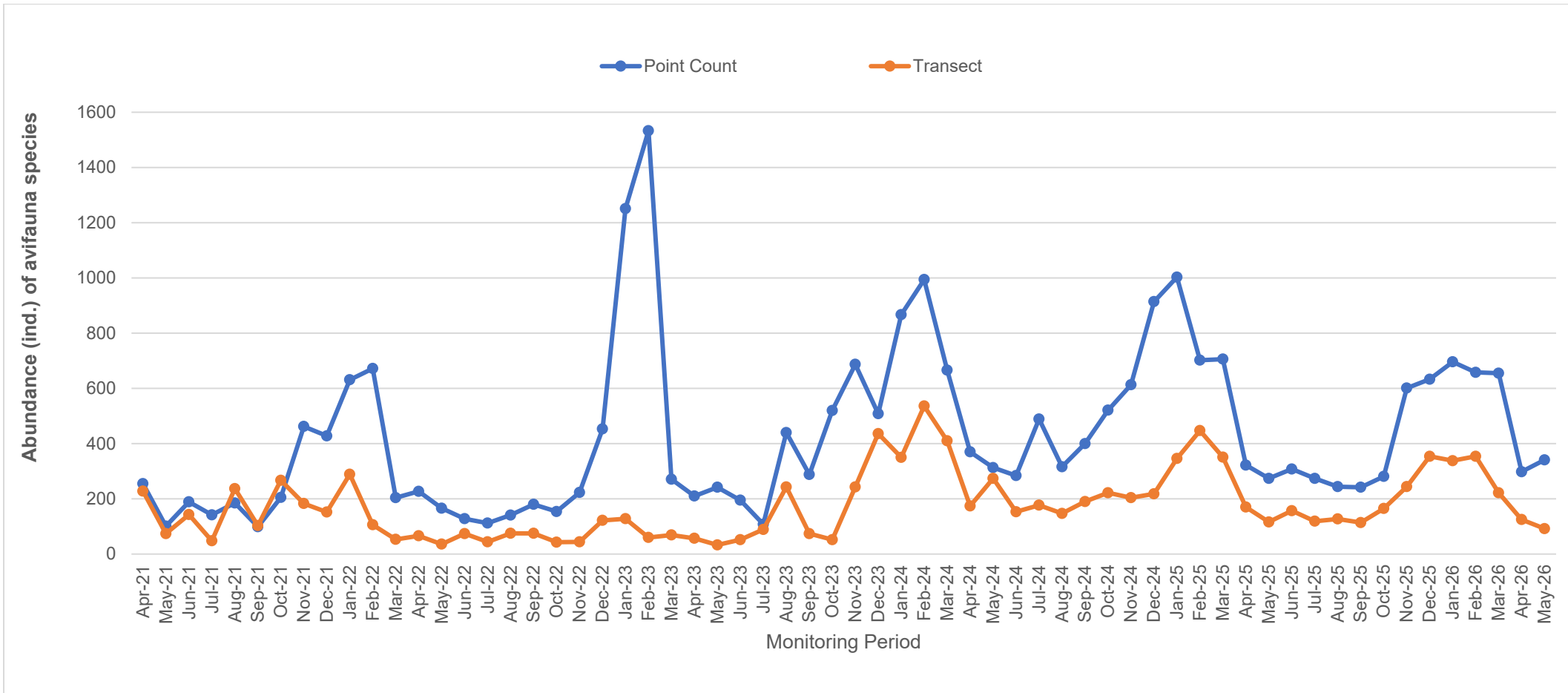
Appendix F.2.3 Ecological Bird Monitoring Diversity (All avifauna species in Transect Walk Method) in All Habitats (07 May 2026)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) <sup>2</sup>
<i>Ixobrychus sinensis</i>	1	0.0109	-4.5218	-0.0491	0.2222
<i>Ardeola bacchus</i>	4	0.0435	-3.1355	-0.1363	0.4274
<i>Egretta garzetta</i>	5	0.0543	-2.9124	-0.1583	0.4610
<i>Amaurornis phoenicurus</i>	3	0.0326	-3.4232	-0.1116	0.3821
<i>Gallinula chloropus</i>	1	0.0109	-4.5218	-0.0491	0.2222
<i>Actitis hypoleucos</i>	1	0.0109	-4.5218	-0.0491	0.2222
<i>Tringa nebularia</i>	1	0.0109	-4.5218	-0.0491	0.2222
<i>Chlidonias leucopterus</i>	2	0.0217	-3.8286	-0.0832	0.3187
<i>Spilopelia chinensis</i>	8	0.0870	-2.4423	-0.2124	0.5187
<i>Centropus sinensis</i>	2	0.0217	-3.8286	-0.0832	0.3187
<i>Eudynamis scolopaceus</i>	2	0.0217	-3.8286	-0.0832	0.3187
<i>Cuculus micropterus</i>	1	0.0109	-4.5218	-0.0491	0.2222
<i>Halcyon smyrnensis</i>	1	0.0109	-4.5218	-0.0491	0.2222
<i>Dicrurus macrocercus</i>	3	0.0326	-3.4232	-0.1116	0.3821
<i>Cyanopica cyanus</i>	9	0.0978	-2.3246	-0.2274	0.5286
<i>Corvus macrorhynchos</i>	1	0.0109	-4.5218	-0.0491	0.2222
<i>Pycnonotus sinensis</i>	4	0.0435	-3.1355	-0.1363	0.4274
<i>Hirundo rustica</i>	6	0.0652	-2.7300	-0.1780	0.4861
<i>Prinia flaviventris</i>	1	0.0109	-4.5218	-0.0491	0.2222
<i>Prinia inornata</i>	4	0.0435	-3.1355	-0.1363	0.4274
<i>Pterorhinus perspicillatus</i>	5	0.0543	-2.9124	-0.1583	0.4610
<i>Acridotheres tristis</i>	2	0.0217	-3.8286	-0.0832	0.3187
<i>Gracupica nigricollis</i>	12	0.1304	-2.0369	-0.2657	0.5412
<i>Copsychus saularis</i>	4	0.0435	-3.1355	-0.1363	0.4274
<i>Lonchura punctulata</i>	8	0.0870	-2.4423	-0.2124	0.5187
<i>Motacilla alba</i>	1	0.0109	-4.5218	-0.0491	0.2222
Total	92	1	-93.1999	-2.9563	9.2641
Richness	26				
SS	9.2641				
SQ	8.7395				
H	2.9563				
S <sup>2</sup> H	0.007178				

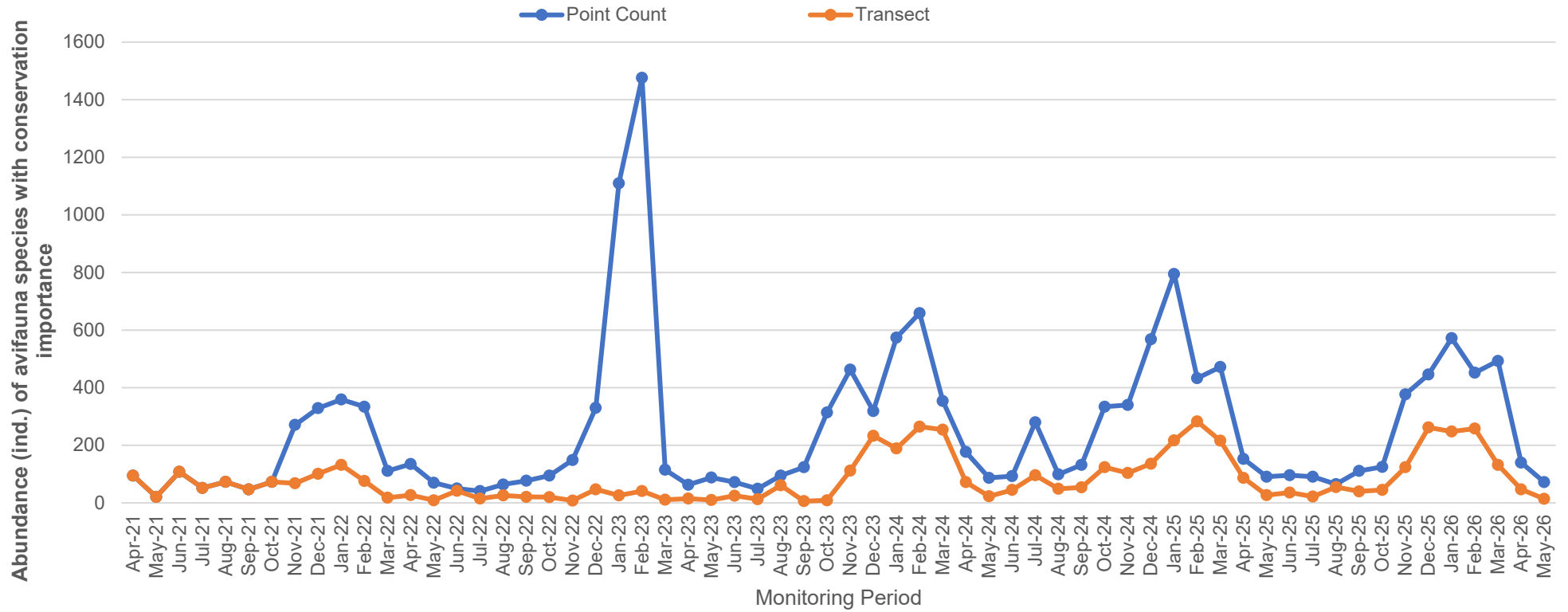
Appendix F.2.4 Ecological Bird Monitoring Diversity (Avifauna species of conservation importance in Transect Walk Method) in All Habitats (07 May 2026)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P) <sup>2</sup>
<i>Ixobrychus sinensis</i>	1	0.0714	-2.6391	-0.1885	0.4975
<i>Ardeola bacchus</i>	4	0.2857	-1.2528	-0.3579	0.4484
<i>Egretta garzetta</i>	5	0.3571	-1.0296	-0.3677	0.3786
<i>Tringa nebularia</i>	1	0.0714	-2.6391	-0.1885	0.4975
<i>Centropus sinensis</i>	2	0.1429	-1.9459	-0.2780	0.5409
<i>Halcyon smyrnensis</i>	1	0.0714	-2.6391	-0.1885	0.4975
Total	14	1	-12.1455	-1.5692	2.8604
Richness	6				
SS	2.8604				
SQ	2.4622				
H	1.5692				
S <sup>2</sup> H	0.04119				

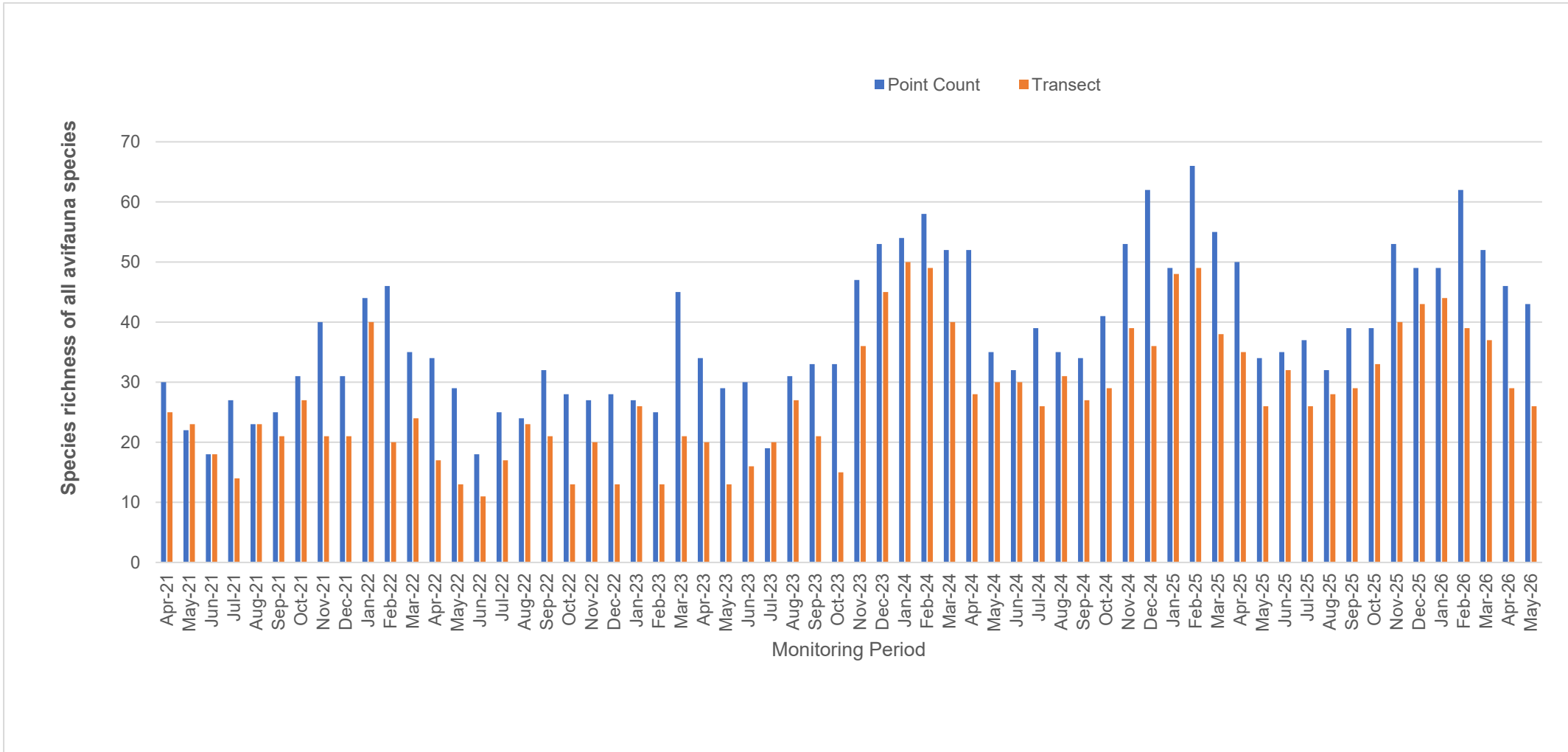
Appendix F.3.1 Abundance of all avifauna species throughout the monitoring period



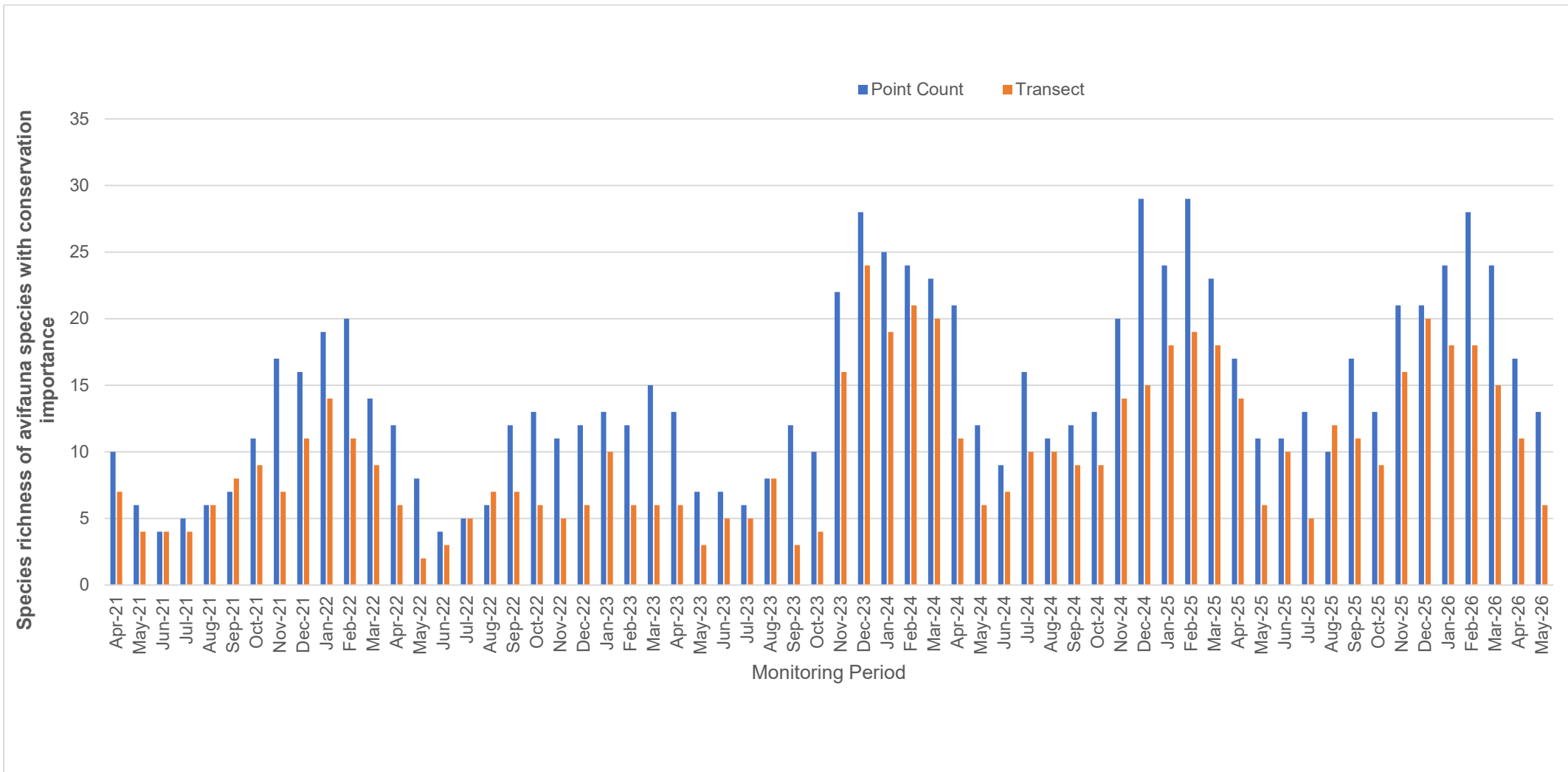
Appendix F.3.2 Abundance of avifauna species with conservation importance throughout the monitoring period



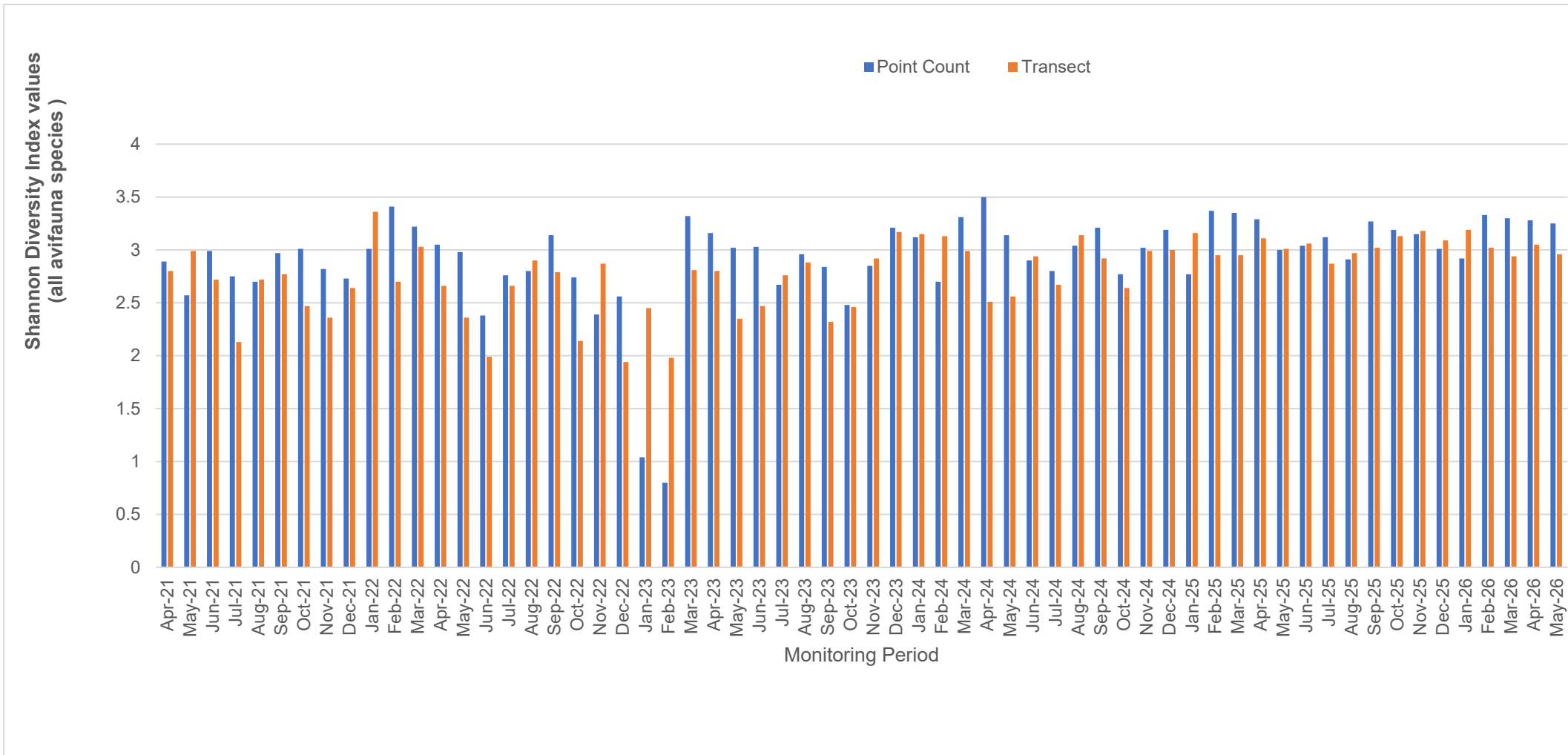
Appendix F.4.1 Species richness of all avifauna species throughout the monitoring period



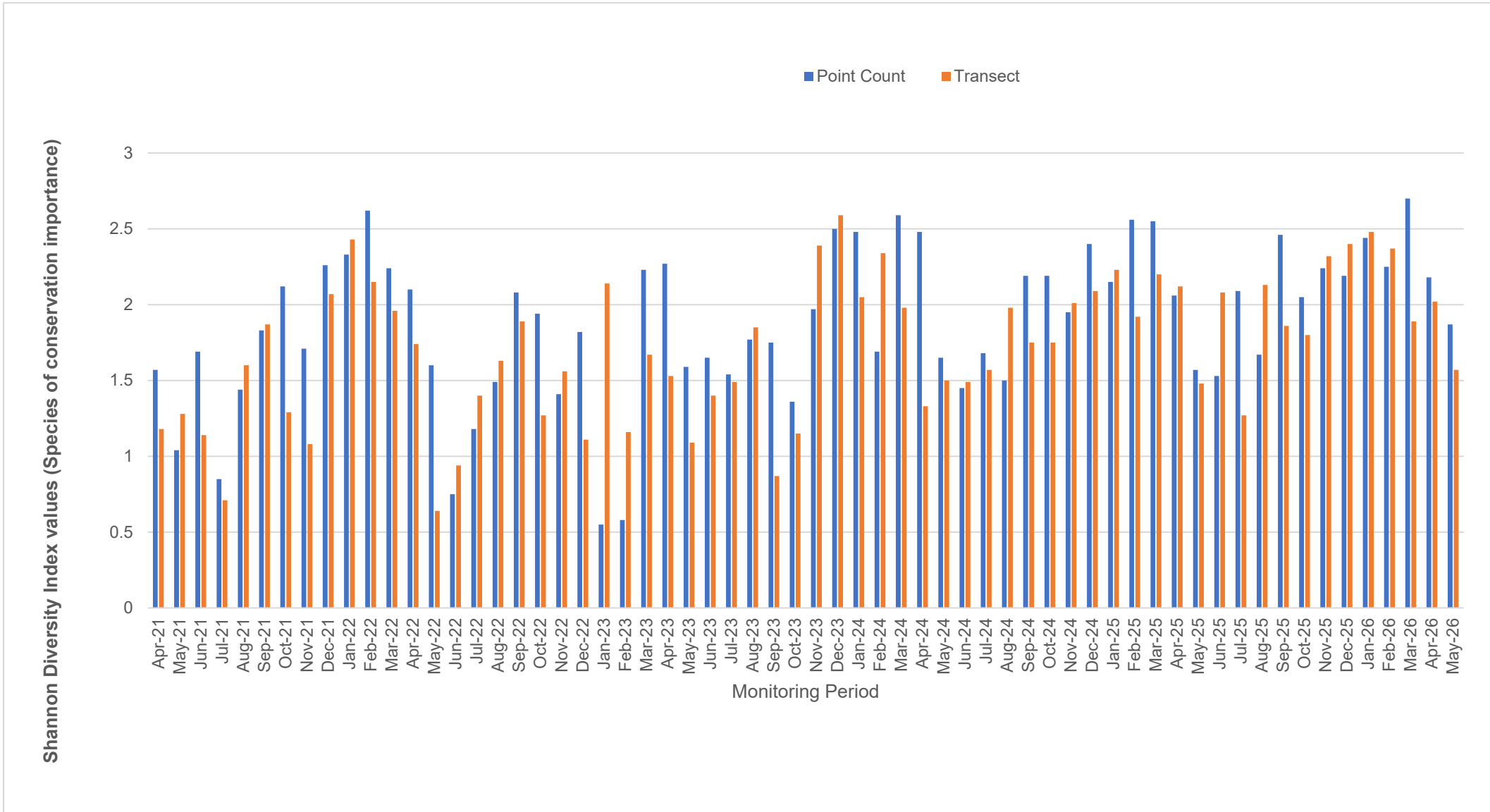
Appendix F.4.2 Species richness of avifauna species with conservation importance throughout the monitoring period



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	May 2017	May 2026
Total	190	341
Richness	31	43
H	3.1340	3.2486
S <sup>2</sup> H	0.002979	0.002579
t	1.5372	
df	466.5279	
Crit	1.9651	
p	1.25E-01	
CI	0.1092	0.1016

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

Months	May 2017	May 2026
Total	2	92
Richness	1	26
H	0.0000	2.9563
S <sup>2</sup> H	0.00000	0.007178
t	34.8933	
df	92.0000	
Crit	1.9861	
p	7.61E-55	
CI	0.0000	0.1694

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

Months	May 2017	May 2026
Total	71	72
Richness	7	13
H	1.7237	1.8704
S <sup>2</sup> H	0.004952	0.02113099
t	0.9082	
df	103.9107	
Crit	1.9833	
p	3.66E-01	
CI	0.1407	0.2907

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

Months	May 2017	May 2026
Total	2	14
Richness	1	6
H	0.0000	1.5692
S <sup>2</sup> H	0.00000	0.04119
t	7.7313	
df	14.0000	
Crit	2.1448	
p	2.03E-06	
CI	0.0000	0.4059