Air Quality Monitoring Results

1-hour TSP Monitoring Result for

Contract No. SPW 02/2023

Environmental Team for Construction of Yuen Long Effluent Polishing Plant Stage 1

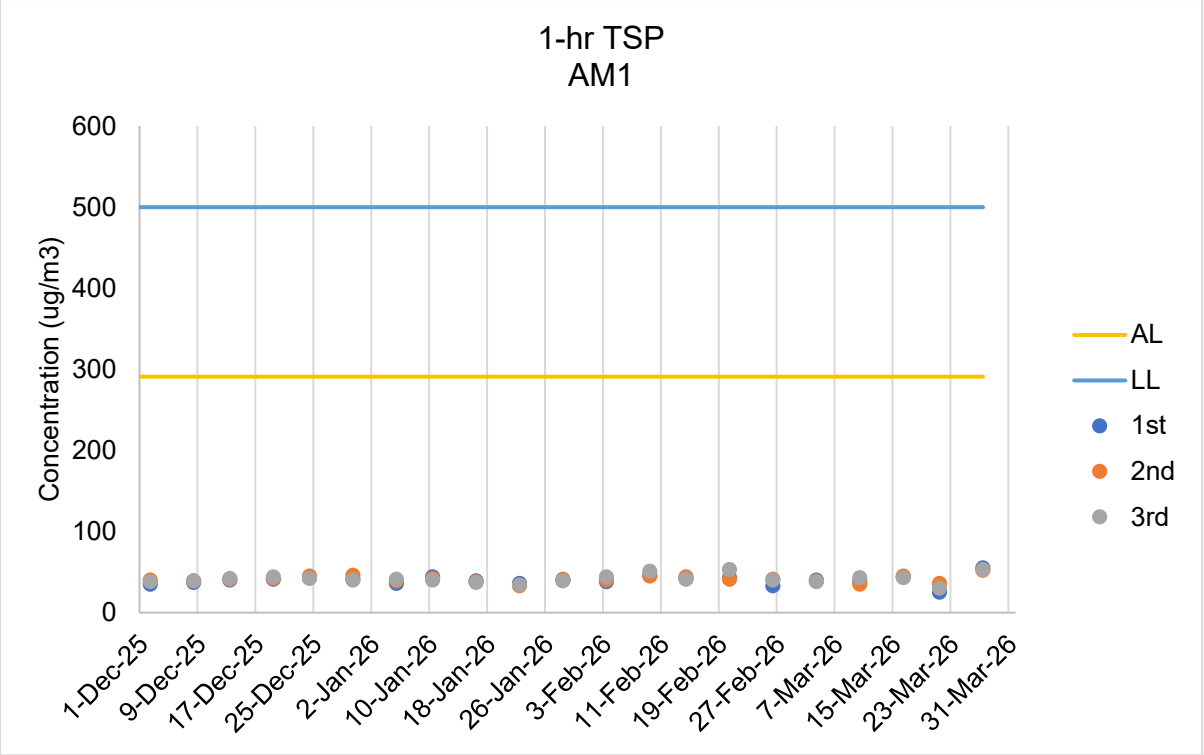
AM1 - Topfine Machinery (China) Co. Ltd.

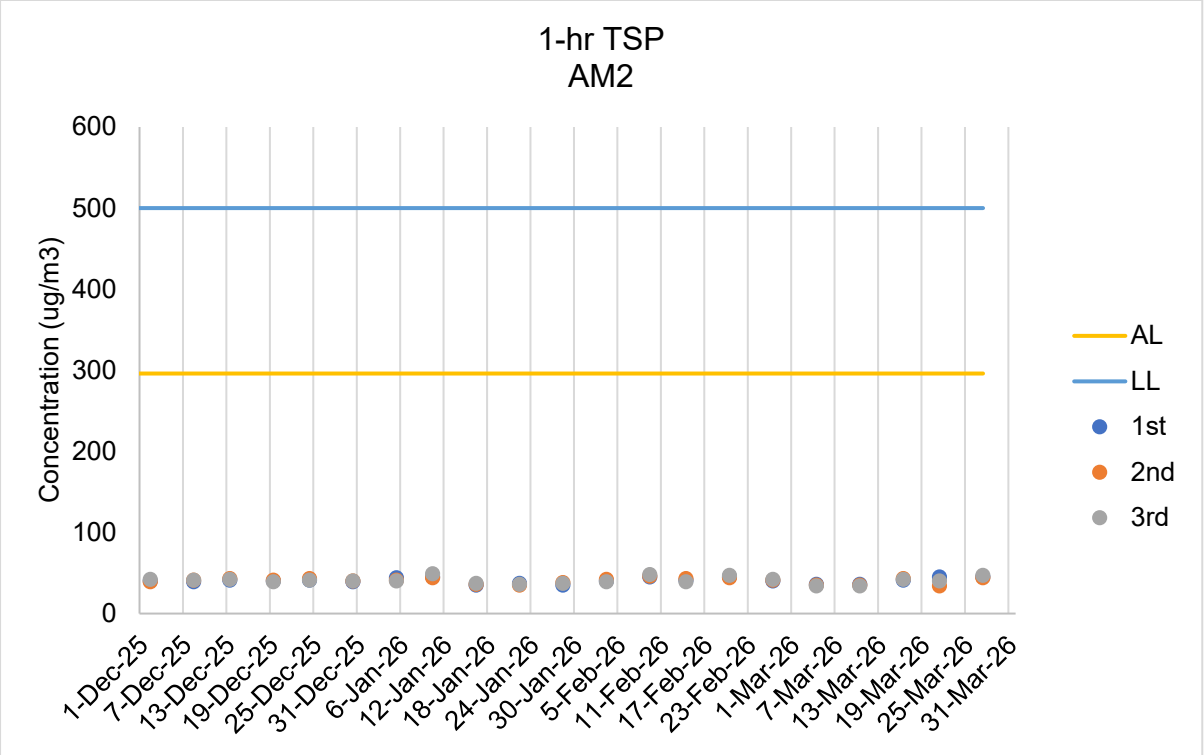
Date	Weather Condition	Start Time	1-hour TSP (μg/m³) 1st Measurement	2nd Measurement	3rd Measurement	Action Level (ug/m^3)	Limit Level (ug/m^3)
4/03/2026	Fine	8:00	40	39	38	291	500
10/03/2026	Fine	8:36	38	35	43		
16/03/2026	Fine	8:22	44	45	43		
21/03/2026	Fine	9:00	25	36	30		
27/03/2026	Fine	8:26	55	52	53		
		Min	25				
		Max	55				
		Average	41				

AM2 - Squatter house at the west of Yuen Long STW

Date	Weather Condition	Start Time	1-hour TSP (μg/m³) 1st Measurement	2nd Measurement	3rd Measurement	Action Level (ug/m^3)	Limit Level (ug/m^3)
4/03/2026	Fine	15:55	36	35	34	296	500
10/03/2026	Fine	15:55	36	35	34		
16/03/2026	Fine	16:23	41	43	42		
21/03/2026	Fine	13:00	45	34	40		
27/03/2026	Fine	13:24	45	44	47		
		Min	34				
		Max	47				
		Average	39				

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)
4/3/2026	9:51	58.2	60.2	55.2	0.3	Fine	75
10/3/2026	10:28	59.2	63.3	56.2	1.4	Fine	75
16/3/2026	10:16	57.6	59.0	54.8	1.4	Fine	75
27/3/2026	10:18	60.2	62.2	57.9	0.3	Fine	75
	Max	60.2					
	Min	57.6					

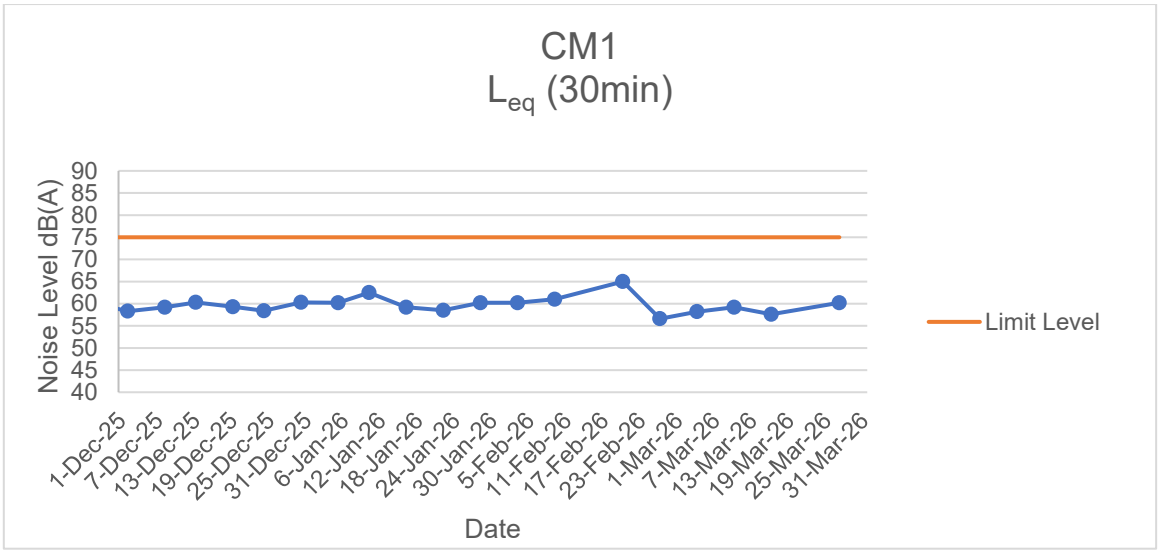
CM2 - Squatter house to the west of YLSTW

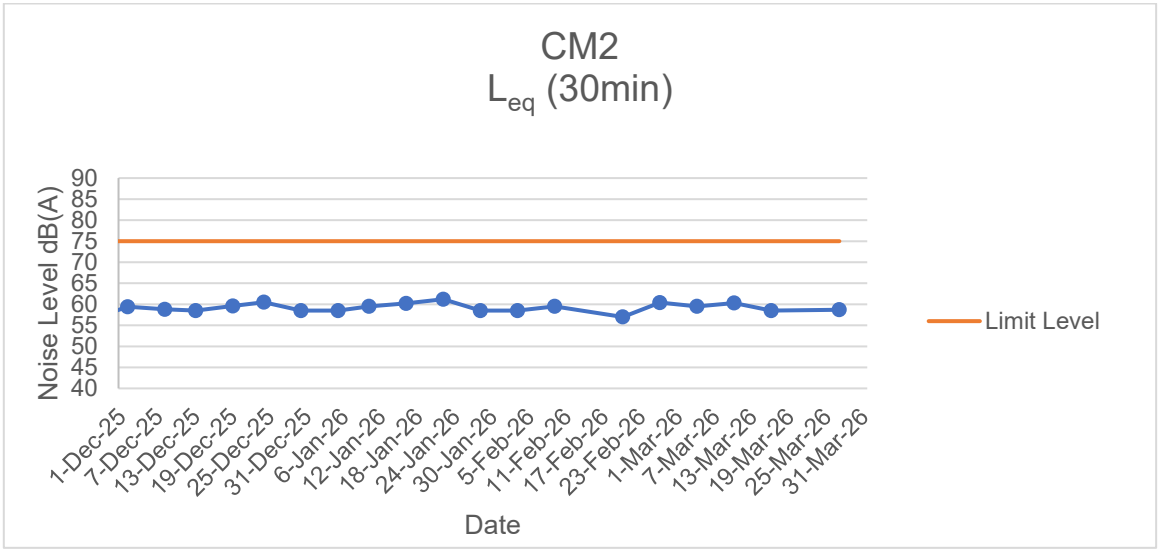
Date	Start Time	L_{eq} 30min dB(A)	L_{10} dB(A)	L_{90} dB(A)	Wind Speed (m/s)	Weather	Limit Level dB(A)
4/3/2026	9:06	59.5	62.2	57.2	1.1	Fine	75
10/3/2026	9:41	60.3	63.1	57.5	1.7	Fine	75
16/3/2026	9:27	58.5	61.8	55.2	0.8	Fine	75
27/3/2026	9:30	58.7	61.5	56.2	0.3	Fine	75
	Max	60.3					
	Min	58.5					

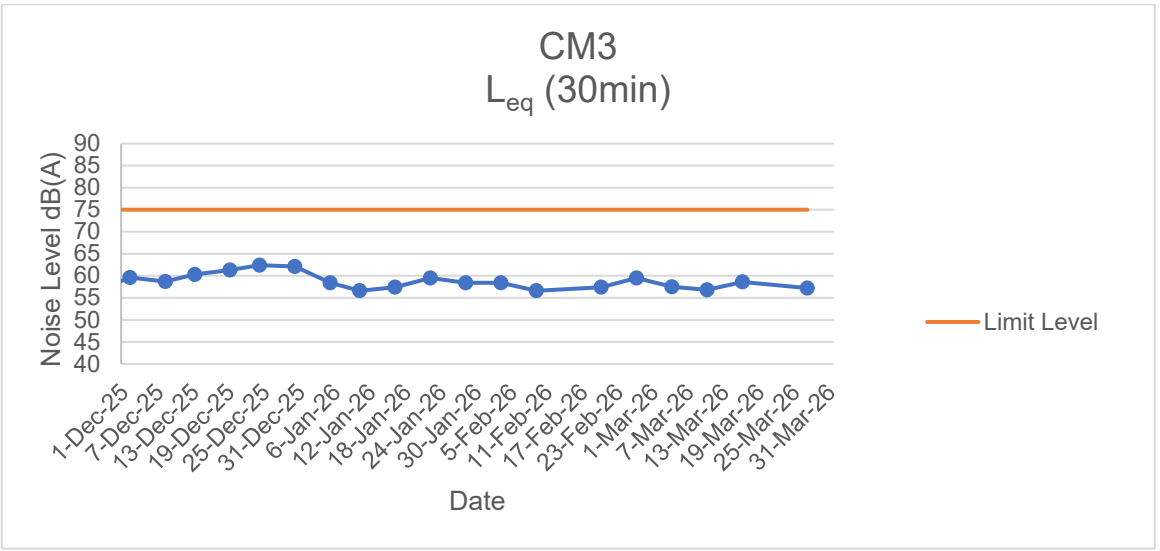
CM3 - Squatter house to the east of YLSTW

Date	Start Time	L_{eq} 30min dB(A)	L_{10} dB(A)	L_{90} dB(A)	Wind Speed (m/s)	Weather	Limit Level dB(A)
4/3/2026	10:51	57.5	60.2	55.2	1.1	Fine	75
10/3/2026	11:29	56.8	58.5	56.9	1.1	Fine	75
16/3/2026	11:06	58.6	61.5	55.4	1.7	Fine	75
27/3/2026	11:20	57.2	59.6	56.2	2.2	Fine	75
	Max	58.6					
	Min	56.8					

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







Noise Monitoring Results

Water Quality Monitoring Results

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	3/3/2026	Mid-Flood	Cloudy	Low	13:38	2.4	M	1.20	1	0.078	163.044	7.09	7.10	3.54	3.50	19.6	19.65	38.6	38.25	2.82	2.80	21.59	21.375	36	38
M1	3/3/2026	Mid-Flood	Cloudy	Low	13:38	2.4	M	1.20	2			7.11		3.45		19.7		37.9		2.77		21.16		39	
M2	3/3/2026	Mid-Flood	Cloudy	Low	14:03	2.1	M	1.05	1	0.092	175.202	7.08	7.08	3.63	3.66	19.6	19.65	40.6	41.10	2.96	3.00	22.00	21.825	27	29
M2	3/3/2026	Mid-Flood	Cloudy	Low	14:03	2.1	M	1.05	2			7.08		3.68		19.7		41.6		3.04		21.65		31	
M3	3/3/2026	Mid-Flood	Cloudy	Low	14:28	1.9	M	0.95	1	0.081	172.84	7.12	7.12	3.89	3.91	19.6	19.60	53.2	53.40	3.88	3.90	34.62	34.6	24	31
M3	3/3/2026	Mid-Flood	Cloudy	Low	14:28	1.9	M	0.95	2			7.11		3.92		19.6		53.6		3.91		34.58		37	
M1	3/3/2026	Mid-Ebb	Cloudy	Low	8:31	2.5	M	1.25	1	0.058	334.825	7.06	7.07	3.74	3.71	18.9	18.95	40.8	40.95	2.98	2.99	21.40	21.385	26	31
M1	3/3/2026	Mid-Ebb	Cloudy	Low	8:31	2.5	M	1.25	2			7.07		3.67		19.0		41.1		3		21.37		36	
M2	3/3/2026	Mid-Ebb	Cloudy	Low	8:06	2.3	M	1.15	1	0.079	312.924	7.07	7.08	3.77	3.76	18.9	18.90	41.9	42.40	3.06	3.10	21.02	20.825	36	31
M2	3/3/2026	Mid-Ebb	Cloudy	Low	8:06	2.3	M	1.15	2			7.09		3.75		18.9		42.9		3.13		20.63		25	
M3	3/3/2026	Mid-Ebb	Cloudy	Low	8:56	2	M	1.00	1	0.08	310.174	7.11	7.10	4.06	4.04	18.9	18.95	54.9	55.05	4.01	4.02	31.66	31.83	31	31
M3	3/3/2026	Mid-Ebb	Cloudy	Low	8:56	2	M	1.00	2			7.09		4.02		19.0		55.2		4.03		32		30	

Remark

1. Orange and Bold: Action Level Exceedance (For Impact Station Only)
2. Red and Bold: Limit Level Exceedance (For Impact Station Only)
3. Action Level for Turbidity: 95%-ile of baseline data or 120% of upstream control station's turbidity recorded on the same day.
4. Limit Level for Turbidity: 99%-ile of baseline data or 130% of upstream control station's turbidity recorded on the same day.
5. Action Level for SS: 95%-ile of baseline data or 120% of upstream control station's SS recorded on the same day.
6. Limit Level for SS: 99%-ile of baseline data or 130% of upstream control station's SS recorded on the same day.

For Flood Tide

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

For Ebb Tide

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

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	5/3/2026	Mid-Flood	Cloudy	Low	14:34	2.4	M	1.20	1	0.091	175.599	7.11	7.11	2.94	2.90	20.8	20.80	38.6	38.95	2.82	2.85	23.09	23.085	42	37
M1	5/3/2026	Mid-Flood	Cloudy	Low	14:34	2.4	M	1.20	2			7.11		2.85		20.8		39.3		2.87		23.08		32	
M2	5/3/2026	Mid-Flood	Cloudy	Low	14:59	2.2	M	1.10	1	0.092	175.267	7.12	7.13	2.89	2.85	20.8	20.80	40.1	39.80	2.93	2.91	23.90	23.685	32	33
M2	5/3/2026	Mid-Flood	Cloudy	Low	14:59	2.2	M	1.10	2			7.13		2.8		20.8		39.5		2.88		23.47		34	
M3	5/3/2026	Mid-Flood	Cloudy	Low	15:24	1.9	M	0.95	1	0.087	176.919	7.14	7.15	3.25	3.23	20.8	20.80	54.1	53.90	3.95	3.94	35.20	35.015	29	33
M3	5/3/2026	Mid-Flood	Cloudy	Low	15:24	1.9	M	0.95	2			7.15		3.21		20.8		53.7		3.92		34.83		37	
M1	5/3/2026	Mid-Ebb	Cloudy	Low	9:12	2.5	M	1.25	1	0.074	307.018	7.12	7.13	2.71	2.74	20.6	20.65	39.2	38.45	2.86	2.81	24.70	24.78	43	44
M1	5/3/2026	Mid-Ebb	Cloudy	Low	9:12	2.5	M	1.25	2			7.14		2.77		20.7		37.7		2.75		24.86		44	
M2	5/3/2026	Mid-Ebb	Cloudy	Low	8:47	2.2	M	1.10	1	0.073	323.397	7.11	7.10	2.70	2.72	20.6	20.65	39.9	40.65	2.91	2.97	25.10	24.895	42	42
M2	5/3/2026	Mid-Ebb	Cloudy	Low	8:47	2.2	M	1.10	2			7.09		2.73		20.7		41.4		3.02		24.69		42	
M3	5/3/2026	Mid-Ebb	Cloudy	Low	9:37	2	M	1.00	1	0.059	322.507	7.17	7.17	3.53	3.52	20.6	20.60	53.6	53.05	3.91	3.87	36.10	36.155	40	44
M3	5/3/2026	Mid-Ebb	Cloudy	Low	9:37	2	M	1.00	2			7.17		3.51		20.6		52.5		3.83		36.21		47	

Remark

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

For Flood Tide

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

For Ebb Tide

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

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	7/3/2026	Mid-Flood	Cloudy	Low	15:29	2.4	M	1.20	1	0.078	183.038	7.11	7.10	2.94	2.97	19.9	19.90	39.5	39.40	2.88	2.88	20.81	20.865	2.5	3
M1	7/3/2026	Mid-Flood	Cloudy	Low	15:29	2.4	M	1.20	2			7.09		2.99		19.9		39.3		2.87		20.92		4	
M2	7/3/2026	Mid-Flood	Cloudy	Low	15:52	2	M	1.00	1	0.092	178.636	7.12	7.13	2.92	2.88	19.9	19.90	39.7	39.80	2.9	2.91	19.95	20.095	2.5	3
M2	7/3/2026	Mid-Flood	Cloudy	Low	15:52	2	M	1.00	2			7.13		2.84		19.9		39.9		2.91		20.24		3	
M3	7/3/2026	Mid-Flood	Cloudy	Low	16:17	1.8	M	0.90	1	0.09	167.099	7.15	7.14	3.39	3.35	19.9	19.90	54.1	53.20	3.95	3.89	30.10	30.06	2.5	3
M3	7/3/2026	Mid-Flood	Cloudy	Low	16:17	1.8	M	0.90	2			7.13		3.3		19.9		52.3		3.82		30.02		2.5	
M1	7/3/2026	Mid-Ebb	Cloudy	Low	9:44	2.5	M	1.25	1	0.059	322.423	7.11	7.11	2.73	2.78	19.7	19.75	39.3	39.40	2.87	2.88	18.99	19.03	2.5	3
M1	7/3/2026	Mid-Ebb	Cloudy	Low	9:44	2.5	M	1.25	2			7.1		2.82		19.8		39.5		2.88		19.07		2.5	
M2	7/3/2026	Mid-Ebb	Cloudy	Low	9:22	2.2	M	1.10	1	0.073	307.303	7.1	7.10	2.81	2.80	19.7	19.75	39.9	39.75	2.91	2.90	19.51	19.575	3	3
M2	7/3/2026	Mid-Ebb	Cloudy	Low	9:22	2.2	M	1.10	2			7.1		2.79		19.8		39.6		2.89		19.64		2.5	
M3	7/3/2026	Mid-Ebb	Cloudy	Low	10:07	2	M	1.00	1	0.079	323.449	7.16	7.17	3.40	3.42	19.7	19.70	53.3	53.25	3.89	3.89	29.29	29.455	2.5	3
M3	7/3/2026	Mid-Ebb	Cloudy	Low	10:07	2	M	1.00	2			7.18		3.43		19.7		53.2		3.88		29.62		2.5	

Remark

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

For Flood Tide

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

For Ebb Tide

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

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	10/3/2026	Mid-Flood	Cloudy	Low	17:13	2.5	M	1.25	1	0.09	187.846	7.08	7.09	2.99	2.98	19.4	19.45	39.6	40.15	2.89	2.93	21.55	21.69	22	23
M1	10/3/2026	Mid-Flood	Cloudy	Low	17:13	2.5	M	1.25	2			7.1		2.96		19.5		40.7		2.97		21.83		23	
M2	10/3/2026	Mid-Flood	Cloudy	Low	17:38	2.3	M	1.15	1	0.094	176.133	7.07	7.08	3.16	3.49	19.4	19.45	37.5	37.10	2.74	2.71	19.78	19.61	22	21
M2	10/3/2026	Mid-Flood	Cloudy	Low	17:38	2.3	M	1.15	2			7.08		3.81		19.5		36.7		2.68		19.44		20	
M3	10/3/2026	Mid-Flood	Cloudy	Low	18:01	1.9	M	0.95	1	0.087	178.817	7.11	7.11	3.42	3.44	19.4	19.45	52.5	51.60	3.83	3.77	29.60	29.63	34	33
M3	10/3/2026	Mid-Flood	Cloudy	Low	18:01	1.9	M	0.95	2			7.11		3.46		19.5		50.7		3.7		29.66		31	
M1	10/3/2026	Mid-Ebb	Cloudy	Low	10:35	2.5	M	1.25	1	0.066	326.075	7.08	7.09	2.73	2.80	19.1	19.15	39.0	38.70	2.85	2.83	20.73	20.595	27	25
M1	10/3/2026	Mid-Ebb	Cloudy	Low	10:35	2.5	M	1.25	2			7.1		2.87		19.2		38.4		2.8		20.46		23	
M2	10/3/2026	Mid-Ebb	Cloudy	Low	10:10	2.2	M	1.10	1	0.066	309.089	7.07	7.08	2.75	2.74	19.1	19.10	39.7	39.15	2.9	2.86	21.58	21.36	22	25
M2	10/3/2026	Mid-Ebb	Cloudy	Low	10:10	2.2	M	1.10	2			7.08		2.72		19.1		38.6		2.82		21.14		27	
M3	10/3/2026	Mid-Ebb	Cloudy	Low	10:57	2	M	1.00	1	0.063	318.279	7.14	7.14	3.57	3.53	19.1	19.15	53.3	52.35	3.89	3.82	30.28	30.3	30	33
M3	10/3/2026	Mid-Ebb	Cloudy	Low	10:57	2	M	1.00	2			7.13		3.48		19.2		51.4		3.75		30.32		35	

Remark

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

For Flood Tide

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

For Ebb Tide

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

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	12/3/2026	Mid-Flood	Sunny	Low	15:49	2.4	M	1.20	1	0.086	175.019	7.06	7.07	3.63	3.63	21.9	21.90	41.0	41.20	2.99	3.01	21.80	21.625	15	14
M1	12/3/2026	Mid-Flood	Sunny	Low	15:49	2.4	M	1.20	2			7.08		3.63		21.9		41.4		3.02		21.45		12	
M2	12/3/2026	Mid-Flood	Sunny	Low	16:11	2.1	M	1.05	1	0.074	168.769	7.05	7.05	3.55	3.56	21.9	21.95	41.5	40.50	3.03	2.96	23.15	23.31	17	15
M2	12/3/2026	Mid-Flood	Sunny	Low	16:11	2.1	M	1.05	2			7.05		3.56		22		39.5		2.88		23.47		13	
M3	12/3/2026	Mid-Flood	Sunny	Low	16:33	1.9	M	0.95	1	0.094	165.425	7.09	7.10	4.37	4.33	21.9	21.90	54.5	54.10	3.98	3.95	36.69	36.695	18	16
M3	12/3/2026	Mid-Flood	Sunny	Low	16:33	1.9	M	0.95	2			7.11		4.28		21.9		53.7		3.92		36.7		13	
M1	12/3/2026	Mid-Ebb	Sunny	Low	14:00	2.5	M	1.25	1	0.061	318.945	7.06	7.06	3.55	3.58	22.2	22.20	38.9	38.85	2.84	2.84	22.20	22.32	13	17
M1	12/3/2026	Mid-Ebb	Sunny	Low	14:00	2.5	M	1.25	2			7.06		3.6		22.2		38.8		2.83		22.44		20	
M2	12/3/2026	Mid-Ebb	Sunny	Low	13:37	2.3	M	1.15	1	0.059	300.444	7.04	7.03	3.68	3.67	22.2	22.20	41.2	41.70	3.01	3.05	22.99	23.1	17	19
M2	12/3/2026	Mid-Ebb	Sunny	Low	13:37	2.3	M	1.15	2			7.02		3.66		22.2		42.2		3.08		23.21		21	
M3	12/3/2026	Mid-Ebb	Sunny	Low	14:26	2	M	1.00	1	0.065	312.182	7.11	7.11	4.48	4.52	22.2	22.25	56.0	56.50	4.09	4.13	35.59	35.54	16	18
M3	12/3/2026	Mid-Ebb	Sunny	Low	14:26	2	M	1.00	2			7.1		4.56		22.3		57.0		4.16		35.49		20	

Remark

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

For Flood Tide

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

For Ebb Tide

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

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	14/3/2026	Mid-Flood	Cloudy	Low	11:06	2.3	M	1.15	1	0.081	185.788	7.12	7.12	3.68	3.64	20.8	20.85	37.5	36.70	2.74	2.68	18.36	18.515	6	5
M1	14/3/2026	Mid-Flood	Cloudy	Low	11:06	2.3	M	1.15	2			7.11		3.59		20.9		35.9		2.62		18.67		4	
M2	14/3/2026	Mid-Flood	Cloudy	Low	11:31	1.9	M	0.95	1	0.077	174.759	7.13	7.14	3.55	3.55	20.8	20.85	39.0	38.60	2.85	2.82	19.24	19.4	2.5	3
M2	14/3/2026	Mid-Flood	Cloudy	Low	11:31	1.9	M	0.95	2			7.15		3.54		20.9		38.2		2.79		19.56		4	
M3	14/3/2026	Mid-Flood	Cloudy	Low	11:56	1.8	M	0.90	1	0.094	186.795	7.16	7.16	4.21	4.23	20.8	20.85	52.5	52.00	3.83	3.80	29.72	29.75	4	4
M3	14/3/2026	Mid-Flood	Cloudy	Low	11:56	1.8	M	0.90	2			7.16		4.25		20.9		51.5		3.76		29.78		4	
M1	14/3/2026	Mid-Ebb	Cloudy	Low	15:43	2.4	M	1.20	1	0.062	304.796	7.11	7.11	3.97	3.93	20.5	20.55	39.7	39.45	2.9	2.88	18.71	18.495	2.5	3
M1	14/3/2026	Mid-Ebb	Cloudy	Low	15:43	2.4	M	1.20	2			7.1		3.88		20.6		39.2		2.86		18.28		3	
M2	14/3/2026	Mid-Ebb	Cloudy	Low	15:18	2.1	M	1.05	1	0.063	309.758	7.11	7.12	3.88	3.88	20.5	20.50	38.5	39.10	2.81	2.86	19.05	19.2	4	4
M2	14/3/2026	Mid-Ebb	Cloudy	Low	15:18	2.1	M	1.05	2			7.12		3.87		20.5		39.7		2.9		19.35		4	
M3	14/3/2026	Mid-Ebb	Cloudy	Low	16:06	2	M	1.00	1	0.061	321.308	7.14	7.14	4.15	4.11	20.5	20.50	53.2	52.85	3.88	3.86	29.96	29.985	4	4
M3	14/3/2026	Mid-Ebb	Cloudy	Low	16:06	2	M	1.00	2			7.14		4.07		20.5		52.5		3.83		30.01		3	

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

For Flood Tide

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

For Ebb Tide

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

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	17/3/2026	Mid-Flood	Sunny	Low	12:45	2.6	M	1.30	1	0.074	186.754	7.11	7.10	3.69	3.66	21.1	21.10	39.1	38.10	2.83	2.76	22.02	22.05	32	31
M1	17/3/2026	Mid-Flood	Sunny	Low	12:45	2.6	M	1.30	2			7.09		3.62		21.1		37.1		2.69		22.08		30	
M2	17/3/2026	Mid-Flood	Sunny	Low	13:10	2.3	M	1.15	1	0.075	180.031	7.12	7.12	3.94	3.93	21.1	21.15	40.0	39.20	2.9	2.84	20.93	20.88	19	20
M2	17/3/2026	Mid-Flood	Sunny	Low	13:10	2.3	M	1.15	2			7.11		3.92		21.2		38.4		2.78		20.83		20	
M3	17/3/2026	Mid-Flood	Sunny	Low	13:35	1.9	M	0.95	1	0.088	169.316	7.17	7.18	4.36	4.35	21.1	21.15	52.3	52.35	3.79	3.80	31.19	30.98	35	32
M3	17/3/2026	Mid-Flood	Sunny	Low	13:35	1.9	M	0.95	2			7.19		4.348		21.2		52.4		3.8		30.77		28	
M1	17/3/2026	Mid-Ebb	Sunny	Low	9:36	2.5	M	1.25	1	0.063	325.191	7.09	7.08	3.79	3.76	20.9	20.95	40.4	39.75	2.93	2.88	21.11	20.915	25	22
M1	17/3/2026	Mid-Ebb	Sunny	Low	9:36	2.5	M	1.25	2			7.07		3.73		21.0		39.1		2.83		20.72		19	
M2	17/3/2026	Mid-Ebb	Sunny	Low	9:11	2.2	M	1.10	1	0.064	312.443	7.1	7.10	3.88	3.87	20.9	20.90	39.5	39.95	2.86	2.90	21.16	21.285	32	28
M2	17/3/2026	Mid-Ebb	Sunny	Low	9:11	2.2	M	1.10	2			7.1		3.85		20.9		40.4		2.93		21.41		24	
M3	17/3/2026	Mid-Ebb	Sunny	Low	10:01	2	M	1.00	1	0.067	332.768	7.18	7.19	4.21	4.23	20.9	20.90	52.0	52.30	3.77	3.79	31.85	31.855	26	30
M3	17/3/2026	Mid-Ebb	Sunny	Low	10:01	2	M	1.00	2			7.2		4.24		20.9		52.6		3.81		31.86		34	

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For Flood Tide

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

For Ebb Tide

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

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	19/3/2026	Mid-Flood	Sunny	Low	13:43	2.4	M	1.20	1	0.092	186.397	7.08	7.08	3.66	3.65	23.9	23.90	41.0	41.55	2.99	3.03	18.31	18.455	49	46
M1	19/3/2026	Mid-Flood	Sunny	Low	13:43	2.4	M	1.20	2			7.08		3.64		23.9		42.1		3.07		18.6		43	
M2	19/3/2026	Mid-Flood	Sunny	Low	14:08	2.1	M	1.05	1	0.075	166.61	7.07	7.08	3.59	3.56	23.9	23.95	42.2	42.75	3.08	3.12	19.70	19.58	50	44
M2	19/3/2026	Mid-Flood	Sunny	Low	14:08	2.1	M	1.05	2			7.09		3.53		24		43.3		3.16		19.46		38	
M3	19/3/2026	Mid-Flood	Sunny	Low	14:33	1.9	M	0.95	1	0.089	164.515	7.11	7.12	4.21	4.17	23.9	23.95	56.3	56.70	4.11	4.14	32.69	32.65	47	47
M3	19/3/2026	Mid-Flood	Sunny	Low	14:33	1.9	M	0.95	2			7.13		4.13		24		57.1		4.17		32.61		47	
M1	19/3/2026	Mid-Ebb	Sunny	Low	9:58	2.4	M	1.20	1	0.066	301.272	7.09	7.10	3.78	3.75	23.6	23.60	40.8	40.40	2.98	2.95	19.11	19.05	42	44
M1	19/3/2026	Mid-Ebb	Sunny	Low	9:58	2.4	M	1.20	2			7.1		3.71		23.6		40.0		2.92		18.99		45	
M2	19/3/2026	Mid-Ebb	Sunny	Low	9:33	2.2	M	1.10	1	0.067	309.248	7.08	7.07	3.65	3.64	23.6	23.65	41.2	41.65	3.01	3.04	20.05	20.23	40	41
M2	19/3/2026	Mid-Ebb	Sunny	Low	9:33	2.2	M	1.10	2			7.06		3.62		23.7		42.1		3.07		20.41		42	
M3	19/3/2026	Mid-Ebb	Sunny	Low	10:23	2	M	1.00	1	0.068	314.755	7.12	7.11	4.02	4.03	23.6	23.65	55.5	56.20	4.05	4.10	33.15	32.97	45	50
M3	19/3/2026	Mid-Ebb	Sunny	Low	10:23	2	M	1.00	2			7.1		4.04		23.7		56.9		4.15		32.79		54	

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For Flood Tide

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

For Ebb Tide

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

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	21/3/2026	Mid-Flood	Cloudy	Low	14:48	2.4	M	1.20	1	0.078	175.692	7.08	7.09	3.01	3.04	20.9	20.95	40.6	40.50	2.96	2.97	24.68	24.86	10	13
M1	21/3/2026	Mid-Flood	Cloudy	Low	14:48	2.4	M	1.20	2			7.1		3.06		21.0		40.4		2.97		25.04		15	
M2	21/3/2026	Mid-Flood	Cloudy	Low	15:11	2.2	M	1.10	1	0.074	180.349	7.09	7.09	2.93	2.90	20.9	20.90	39.9	40.65	2.91	2.88	25.24	25.215	13	12
M2	21/3/2026	Mid-Flood	Cloudy	Low	15:11	2.2	M	1.10	2			7.08		2.86		20.9		41.4		2.85		25.19		11	
M3	21/3/2026	Mid-Flood	Cloudy	Low	15:36	1.9	M	0.95	1	0.088	173.565	7.15	7.15	3.32	3.33	20.9	20.95	52.2	52.05	3.81	3.85	36.55	36.59	11	12
M3	21/3/2026	Mid-Flood	Cloudy	Low	15:36	1.9	M	0.95	2			7.14		3.34		21.0		51.9		3.89		36.63		12	
M1	21/3/2026	Mid-Ebb	Cloudy	Low	9:00	2.4	M	1.20	1	0.08	327.811	7.07	7.06	2.81	2.84	20.4	20.45	39.5	38.95	2.88	2.93	23.89	23.94	9	10
M1	21/3/2026	Mid-Ebb	Cloudy	Low	9:00	2.4	M	1.20	2			7.05		2.86		20.5		38.4		2.98		23.99		10	
M2	21/3/2026	Mid-Ebb	Cloudy	Low	8:36	2.2	M	1.10	1	0.071	307.369	7.08	7.09	2.82	2.86	20.4	20.45	40.1	39.80	2.93	2.97	24.24	24.065	10	10
M2	21/3/2026	Mid-Ebb	Cloudy	Low	8:36	2.2	M	1.10	2			7.1		2.89		20.5		39.5		3		23.89		10	
M3	21/3/2026	Mid-Ebb	Cloudy	Low	9:22	2	M	1.00	1	0.065	323.365	7.14	7.14	3.50	3.48	20.4	20.40	54.5	53.90	3.98	3.98	36.32	36.4	3	5
M3	21/3/2026	Mid-Ebb	Cloudy	Low	9:22	2	M	1.00	2			7.13		3.45		20.4		53.3		3.98		36.48		7	

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For Flood Tide

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

For Ebb Tide

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

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	24/3/2026	Mid-Flood	Sunny	Low	16:48	2.4	M	1.20	1	0.094	167.866	7.1	7.10	3.21	3.19	24.1	24.10	39.6	39.10	2.89	2.86	22.31	22.465	27	27
M1	24/3/2026	Mid-Flood	Sunny	Low	16:48	2.4	M	1.20	2			7.1		3.16		24.1		38.6		2.82		22.62		27	
M2	24/3/2026	Mid-Flood	Sunny	Low	17:13	2.2	M	1.10	1	0.075	186.825	7.12	7.13	3.18	3.16	24.1	24.10	39.6	39.25	2.89	2.87	22.58	22.58	22	25
M2	24/3/2026	Mid-Flood	Sunny	Low	17:13	2.2	M	1.10	2			7.14		3.13		24.1		38.9		2.84		22.58		28	
M3	24/3/2026	Mid-Flood	Sunny	Low	17:38	1.9	M	0.95	1	0.073	171.903	7.16	7.17	3.65	3.63	24.1	24.15	51.9	51.90	3.79	3.79	33.61	33.525	47	48
M3	24/3/2026	Mid-Flood	Sunny	Low	17:38	1.9	M	0.95	2			7.18		3.61		24.2		51.9		3.79		33.44		49	
M1	24/3/2026	Mid-Ebb	Sunny	Low	10:04	2.4	M	1.20	1	0.075	303.228	7.11	7.12	3.16	3.15	24.6	24.65	37.1	37.25	2.71	2.72	21.87	21.985	30	33
M1	24/3/2026	Mid-Ebb	Sunny	Low	10:04	2.4	M	1.20	2			7.13		3.13		24.7		37.4		2.73		22.1		36	
M2	24/3/2026	Mid-Ebb	Sunny	Low	9:39	2.2	M	1.10	1	0.078	305.077	7.11	7.11	3.18	3.19	24.6	24.65	39.3	39.25	2.87	2.87	22.16	22.04	43	36
M2	24/3/2026	Mid-Ebb	Sunny	Low	9:39	2.2	M	1.10	2			7.11		3.2		24.7		39.2		2.86		21.92		29	
M3	24/3/2026	Mid-Ebb	Sunny	Low	10:29	2	M	1.00	1	0.07	331.745	7.15	7.16	3.88	3.92	24.6	24.65	50.3	50.15	3.67	3.66	34.01	33.99	29	32
M3	24/3/2026	Mid-Ebb	Sunny	Low	10:29	2	M	1.00	2			7.16		3.96		24.7		50.0		3.65		33.97		35	

Remark

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

For Flood Tide

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

For Ebb Tide

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

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	26/3/2026	Mid-Flood	Sunny	Low	15:07	2.6	M	1.30	1	0.094	164.982	7.13	7.12	2.93	2.95	24.8	24.80	38.5	38.00	2.81	2.78	20.92	20.86	42	44
M1	26/3/2026	Mid-Flood	Sunny	Low	15:07	2.6	M	1.30	2			7.11		2.97		24.8		37.5		2.74		20.80		46	
M2	26/3/2026	Mid-Flood	Sunny	Low	15:32	2.3	M	1.15	1	0.078	168.298	7.12	7.13	2.93	2.97	24.8	24.85	39.9	40.30	2.91	2.94	20.84	20.76	35	38
M2	26/3/2026	Mid-Flood	Sunny	Low	15:32	2.3	M	1.15	2			7.14		3.01		24.9		40.7		2.97		20.68		41	
M3	26/3/2026	Mid-Flood	Sunny	Low	15:57	1.9	M	0.95	1	0.085	169.98	7.17	7.17	3.31	3.27	24.6	24.60	54.5	54.25	3.98	3.96	32.44	32.455	67	61
M3	26/3/2026	Mid-Flood	Sunny	Low	15:57	1.9	M	0.95	2			7.17		3.22		24.6		54.0		3.94		32.47		55	
M1	26/3/2026	Mid-Ebb	Sunny	Low	13:22	2.5	M	1.25	1	0.072	324.064	7.12	7.13	2.82	2.81	25.2	25.25	37.3	37.40	2.72	2.73	21.22	21.11	50	40
M1	26/3/2026	Mid-Ebb	Sunny	Low	13:22	2.5	M	1.25	2			7.13		2.79		25.3		37.5		2.74		21.00		29	
M2	26/3/2026	Mid-Ebb	Sunny	Low	12:57	2.2	M	1.10	1	0.081	302.283	7.13	7.14	2.69	2.71	25.2	25.20	38.8	38.70	2.83	2.83	21.73	21.865	44	45
M2	26/3/2026	Mid-Ebb	Sunny	Low	12:57	2.2	M	1.10	2			7.15		2.72		25.2		38.6		2.82		22.00		45	
M3	26/3/2026	Mid-Ebb	Sunny	Low	13:47	2	M	1.00	1	0.069	321.173	7.16	7.17	3.44	3.48	25.1	25.10	53.4	53.85	3.9	3.93	30.05	29.95	46	46
M3	26/3/2026	Mid-Ebb	Sunny	Low	13:47	2	M	1.00	2			7.18		3.51		25.1		54.3		3.96		29.85		46	

Remark

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

For Flood Tide

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

For Ebb Tide

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

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	28/3/2026	Mid-Flood	Sunny	Low	10:45	2.4	M	1.20	1	0.073	187.556	7.11	7.10	3.95	3.96	23.8	23.85	40.3	39.35	2.94	2.87	2.00	12.52	10	13
M1	28/3/2026	Mid-Flood	Sunny	Low	10:45	2.4	M	1.20	2			7.09		3.96		23.9		38.4		2.8		23.04		15	
M2	28/3/2026	Mid-Flood	Sunny	Low	11:10	2.1	M	1.05	1	0.089	163.06	7.11	7.10	3.82	3.82	23.8	23.85	39.3	39.25	2.87	2.87	24.11	24.085	15	15
M2	28/3/2026	Mid-Flood	Sunny	Low	11:10	2.1	M	1.05	2			7.09		3.81		23.9		39.2		2.86		24.06		14	
M3	28/3/2026	Mid-Flood	Sunny	Low	11:35	1.9	M	0.95	1	0.084	172.46	7.14	7.15	4.16	4.17	23.6	23.65	50.6	49.80	3.69	3.64	34.21	34.295	15	17
M3	28/3/2026	Mid-Flood	Sunny	Low	11:35	1.9	M	0.95	2			7.16		4.18		23.7		49.0		3.58		34.38		19	
M1	28/3/2026	Mid-Ebb	Sunny	Low	15:44	2.4	M	1.20	1	0.069	329.264	7.11	7.11	3.75	3.77	23.5	23.55	39.2	38.90	2.86	2.84	23.79	23.745	7	6
M1	28/3/2026	Mid-Ebb	Sunny	Low	15:44	2.4	M	1.20	2			7.1		3.78		23.6		38.6		2.82		23.7		5	
M2	28/3/2026	Mid-Ebb	Sunny	Low	15:23	2.2	M	1.10	1	0.065	305.602	7.12	7.13	3.69	3.74	23.5	23.55	38.5	37.70	2.81	2.75	24.55	24.485	9	8
M2	28/3/2026	Mid-Ebb	Sunny	Low	15:23	2.2	M	1.10	2			7.13		3.78		23.6		36.9		2.69		24.42		7	
M3	28/3/2026	Mid-Ebb	Sunny	Low	16:03	2	M	1.00	1	0.061	340.411	7.16	7.16	4.22	4.24	23.2	23.25	54.7	54.20	3.99	3.96	35.05	34.87	4	3
M3	28/3/2026	Mid-Ebb	Sunny	Low	16:03	2	M	1.00	2			7.15		4.25		23.3		53.7		3.92		34.69		2.5	

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

For Flood Tide

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

For Ebb Tide

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

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	31/3/2026	Mid-Flood	Sunny	Low	12:39	2.5	M	1.25	1	0.081	163.404	7.09	7.10	3.02	3.04	25.1	25.10	38.4	38.65	2.8	2.82	18.99	18.89	25	25
M1	31/3/2026	Mid-Flood	Sunny	Low	12:39	2.5	M	1.25	2			7.1		3.05		25.1		38.9		2.84		18.79		24	
M2	31/3/2026	Mid-Flood	Sunny	Low	13:01	2.3	M	1.15	1	0.082	182.461	7.1	7.11	2.92	2.89	25.1	25.15	39.2	38.35	2.86	2.80	20.28	20.2	36	45
M2	31/3/2026	Mid-Flood	Sunny	Low	13:01	2.3	M	1.15	2			7.12		2.85		25.2		37.5		2.74		20.12		54	
M3	31/3/2026	Mid-Flood	Sunny	Low	13:25	2	M	1.00	1	0.075	185.981	7.17	7.16	3.63	3.64	25.0	25.00	54.3	54.30	3.96	3.96	34.25	34.075	68	63
M3	31/3/2026	Mid-Flood	Sunny	Low	13:25	2	M	1.00	2			7.15		3.65		25		54.3		3.96		33.9		58	
M1	31/3/2026	Mid-Ebb	Sunny	Low	9:22	2.4	M	1.20	1	0.058	344.088	7.08	7.09	2.79	2.79	24.8	24.85	37.5	36.85	2.74	2.69	19.50	19.305	30	29
M1	31/3/2026	Mid-Ebb	Sunny	Low	9:22	2.4	M	1.20	2			7.1		2.79		24.9		36.2		2.64		19.11		28	
M2	31/3/2026	Mid-Ebb	Sunny	Low	8:59	2.2	M	1.10	1	0.072	317.178	7.09	7.08	2.74	2.71	24.8	24.80	39.2	39.55	2.86	2.89	21.73	21.77	32	32
M2	31/3/2026	Mid-Ebb	Sunny	Low	8:59	2.2	M	1.10	2			7.07		2.67		24.8		39.9		2.91		21.81		32	
M3	31/3/2026	Mid-Ebb	Sunny	Low	9:45	2	M	1.00	1	0.072	301.8	7.16	7.15	3.64	3.67	24.5	24.50	53.3	52.55	3.89	3.84	34.01	34.015	38	43
M3	31/3/2026	Mid-Ebb	Sunny	Low	9:45	2	M	1.00	2			7.14		3.7		24.5		51.8		3.78		34.02		48	

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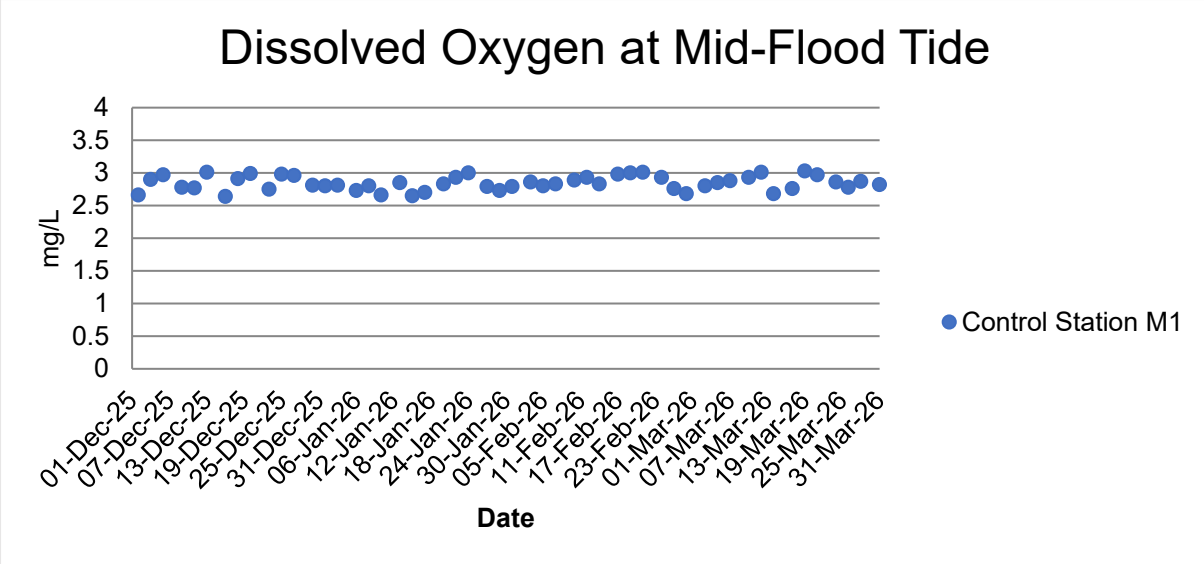
For Flood Tide

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

For Ebb Tide

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


Dissolved Oxygen at Mid-Flood Tide
mg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
01-Dec-25
07-Dec-25
13-Dec-25
19-Dec-25
25-Dec-25
31-Dec-25
06-Jan-26
12-Jan-26
18-Jan-26
24-Jan-26
30-Jan-26
05-Feb-26
11-Feb-26
17-Feb-26
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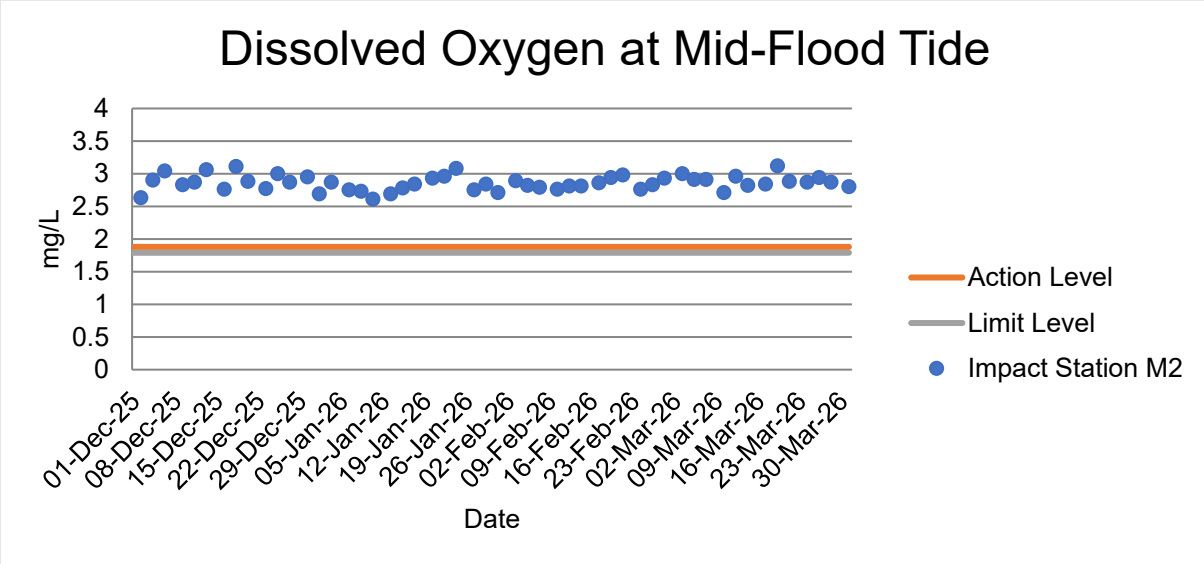
07-Mar-26
13-Mar-26
19-Mar-26
25-Mar-26
31-Mar-26
Date
Control Station M1


Dissolved Oxygen at Mid-Flood Tide
mg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
01-Dec-25
08-Dec-25
15-Dec-25
22-Dec-25
29-Dec-25
05-Jan-26
12-Jan-26
19-Jan-26
26-Jan-26
02-Feb-26
09-Feb-26
16-Feb-26
23-Feb-26
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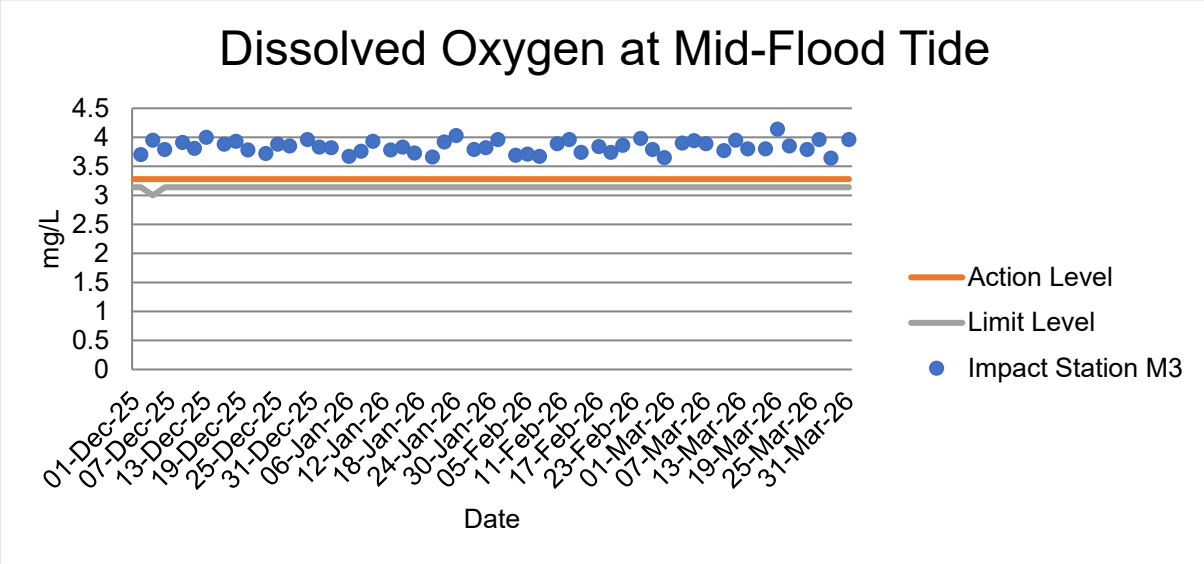
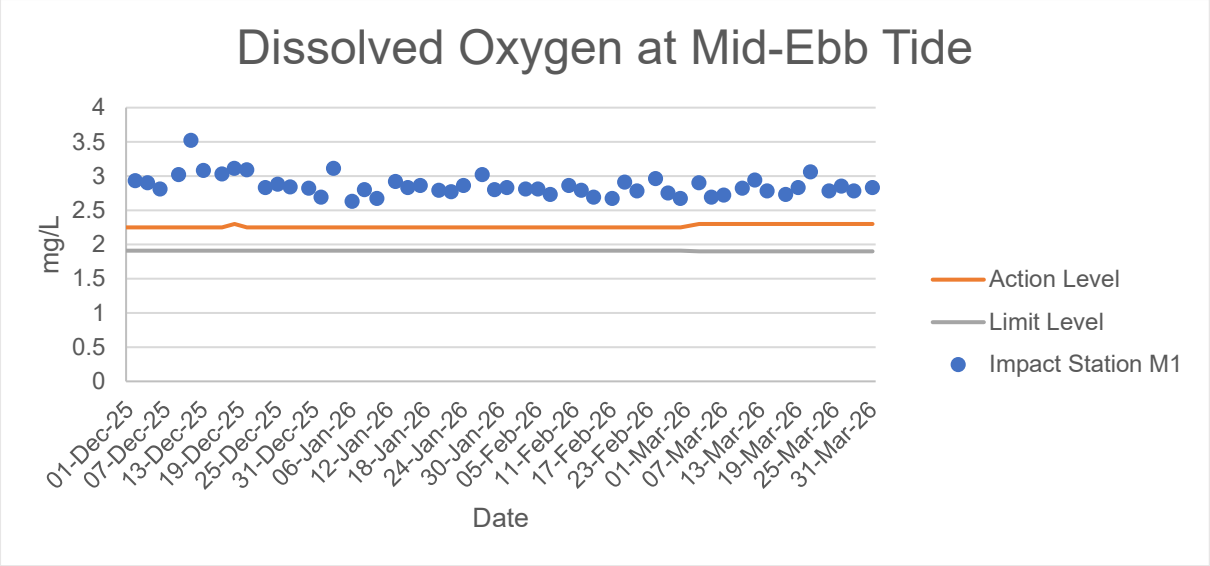
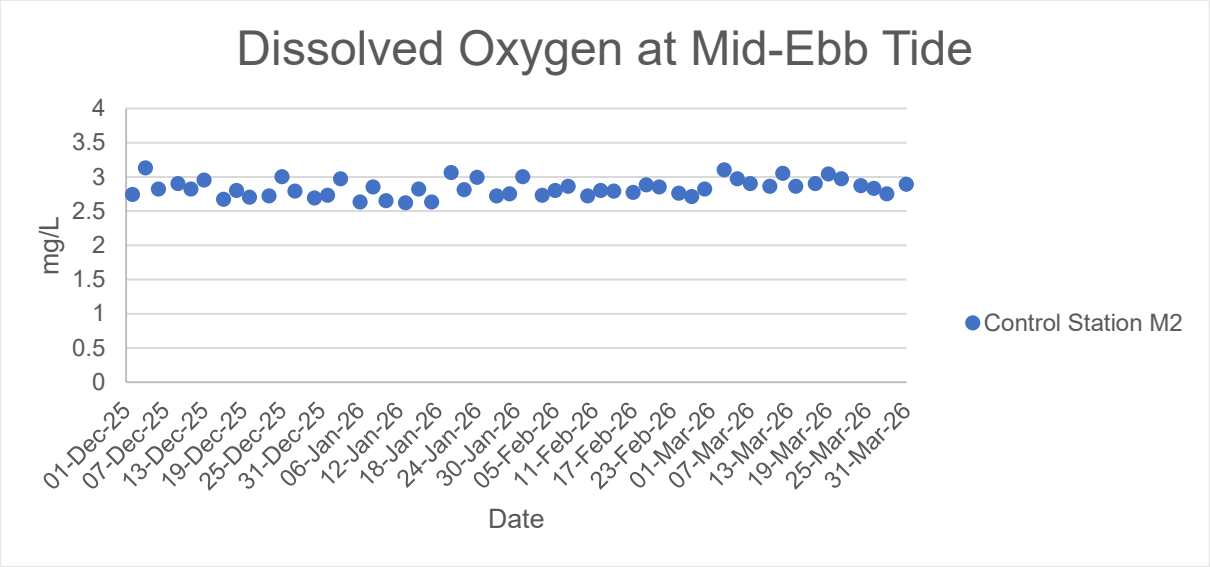
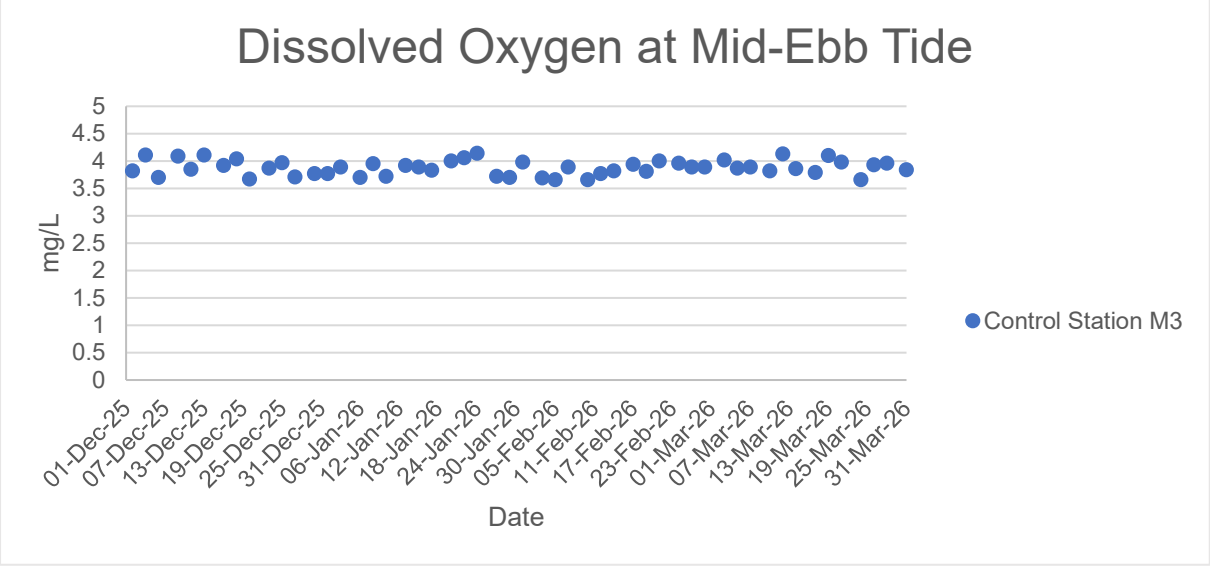
09-Mar-26
16-Mar-26
23-Mar-26
30-Mar-26
Date
Action Level
Limit Level
Impact Station M2


Dissolved Oxygen at Mid-Flood Tide
mg/L
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
01-Dec-25
07-Dec-25
13-Dec-25
19-Dec-25
25-Dec-25
31-Dec-25
06-Jan-26
12-Jan-26
18-Jan-26
24-Jan-26
30-Jan-26
05-Feb-26
11-Feb-26
17-Feb-26
23-Feb-26
01-Mar-26
07-Mar-26
13-Mar-26
19-Mar-26
25-Mar-26
31-Mar-26
Date
Action Level
Limit Level
Impact Station M3


Dissolved Oxygen at Mid-Ebb Tide
mg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
01-Dec-25
07-Dec-25
13-Dec-25
19-Dec-25
25-Dec-25
31-Dec-25
06-Jan-26
12-Jan-26
18-Jan-26
24-Jan-26
30-Jan-26
05-Feb-26
11-Feb-26
17-Feb-26
23-Feb-26
01-Mar-26
07-Mar-26
13-Mar-26
19-Mar-26
25-Mar-26
31-Mar-26
Date
Action Level
Limit Level
Impact Station M1


Dissolved Oxygen at Mid-Ebb Tide
mg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
01-Dec-25
07-Dec-25
13-Dec-25
19-Dec-25
25-Dec-25
31-Dec-25
06-Jan-26
12-Jan-26
18-Jan-26
24-Jan-26
30-Jan-26
05-Feb-26
11-Feb-26
17-Feb-26
23-Feb-26
01-Mar-26
07-Mar-26
13-Mar-26
19-Mar-26
25-Mar-26
31-Mar-26
Date
Control Station M2


Dissolved Oxygen at Mid-Ebb Tide
mg/L
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
01-Dec-25
07-Dec-25
13-Dec-25
19-Dec-25
25-Dec-25
31-Dec-25
06-Jan-26
12-Jan-26
18-Jan-26
24-Jan-26
30-Jan-26
05-Feb-26
11-Feb-26
17-Feb-26
23-Feb-26
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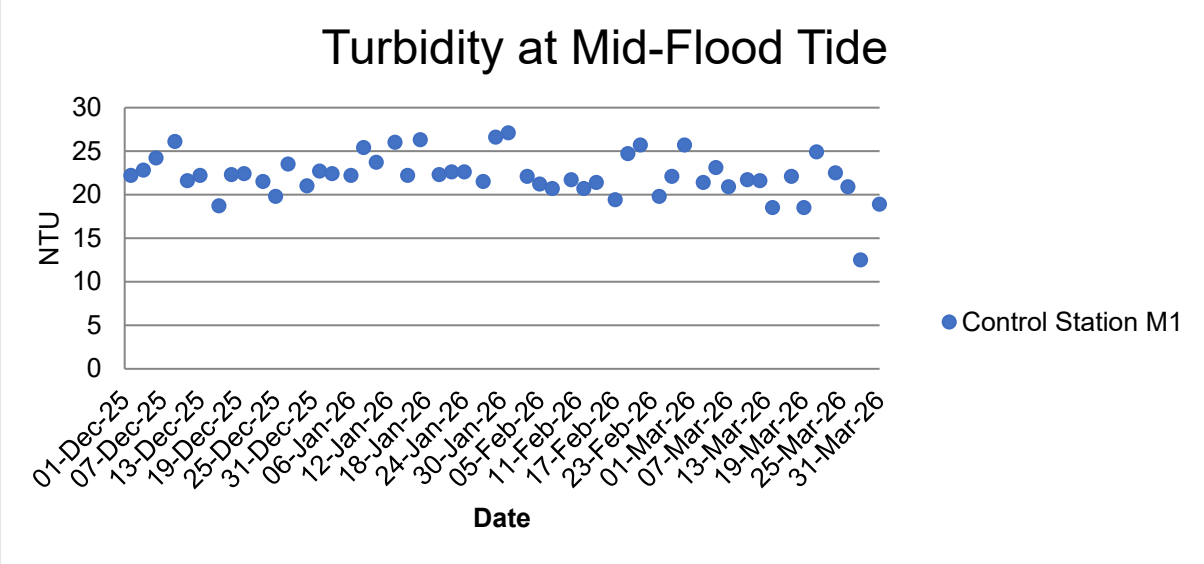
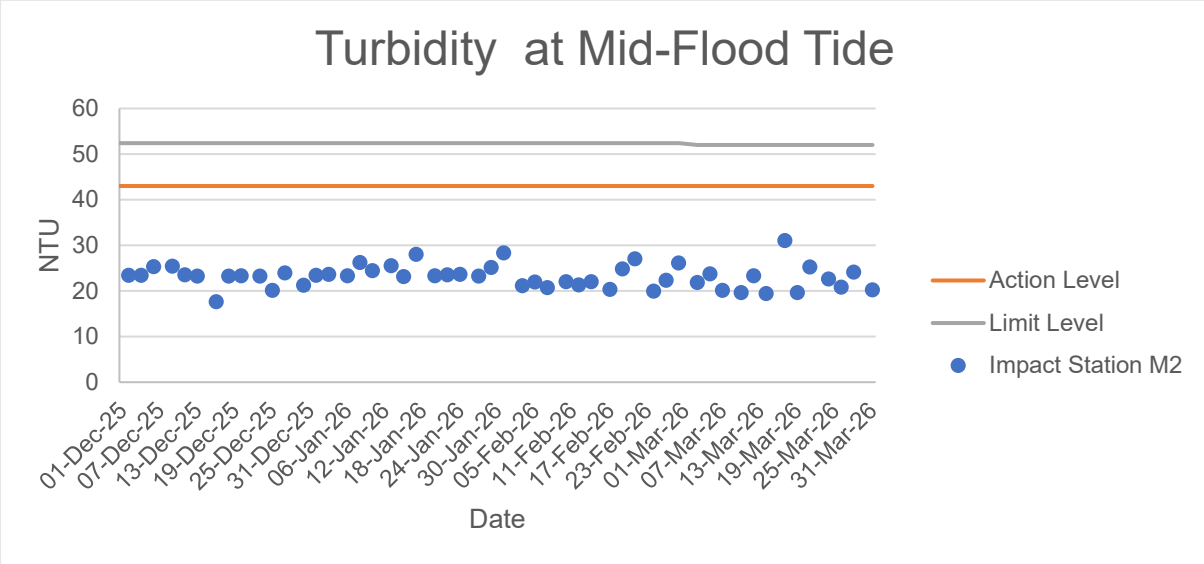
07-Mar-26
13-Mar-26
19-Mar-26
25-Mar-26
31-Mar-26
Date
Control Station M3


Turbidity at Mid-Flood Tide
NTU
30
25
20
15
10
5
0
01-Dec-25
07-Dec-25
13-Dec-25
19-Dec-25
25-Dec-25
31-Dec-25
06-Jan-26
12-Jan-26
18-Jan-26
24-Jan-26
30-Jan-26
05-Feb-26
11-Feb-26
17-Feb-26
23-Feb-26
01-Mar-26
07-Mar-26
13-Mar-26
19-Mar-26
25-Mar-26
31-Mar-26
Date
Control Station M1


Turbidity at Mid-Flood Tide
NTU
60
50
40
30
20
10
0
01-Dec-25
07-Dec-25
13-Dec-25
19-Dec-25
25-Dec-25
31-Dec-25
06-Jan-26
12-Jan-26
18-Jan-26
24-Jan-26
30-Jan-26
05-Feb-26
11-Feb-26
17-Feb-26
23-Feb-26
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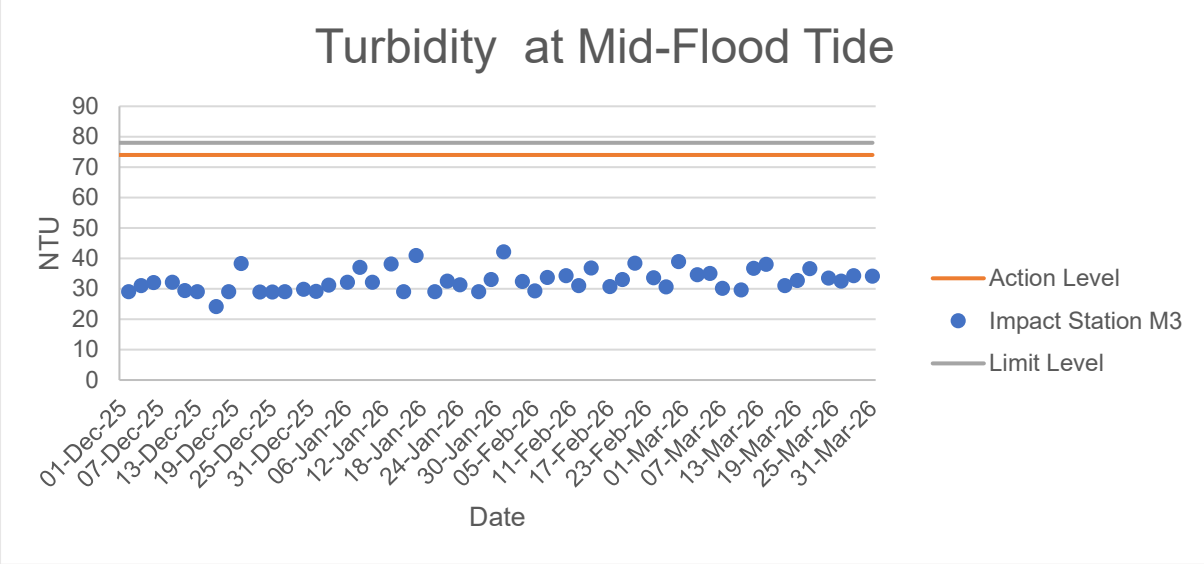
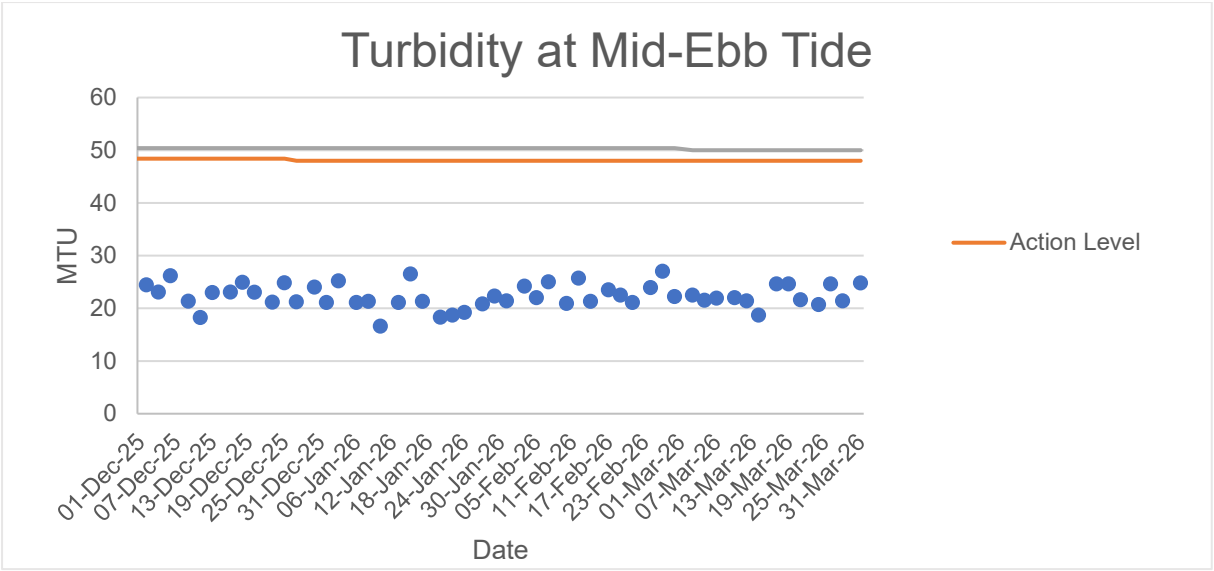
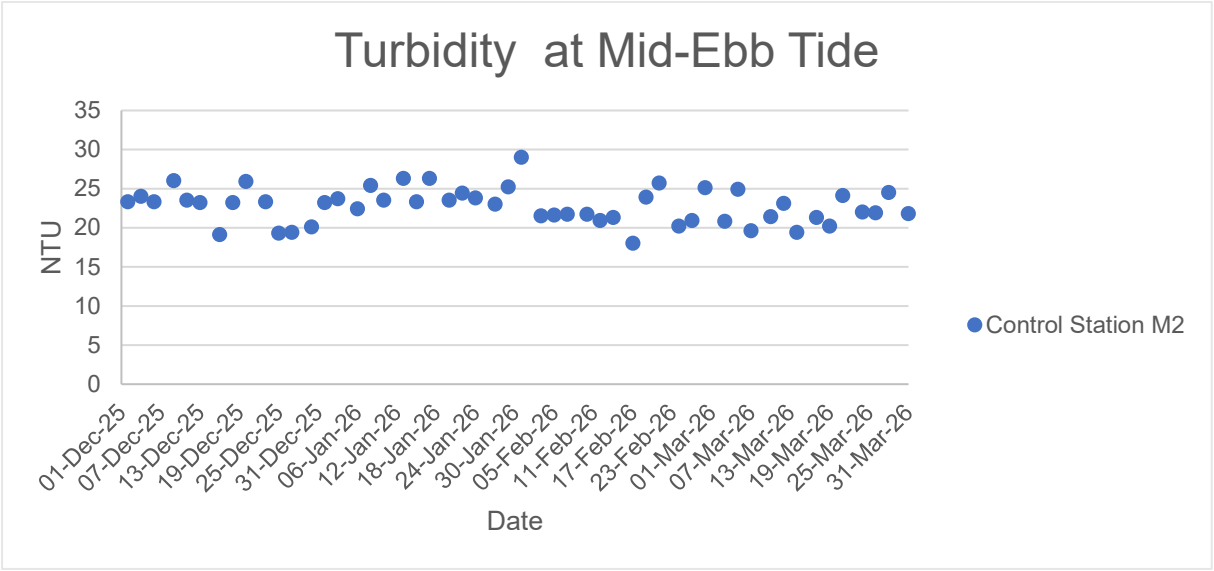
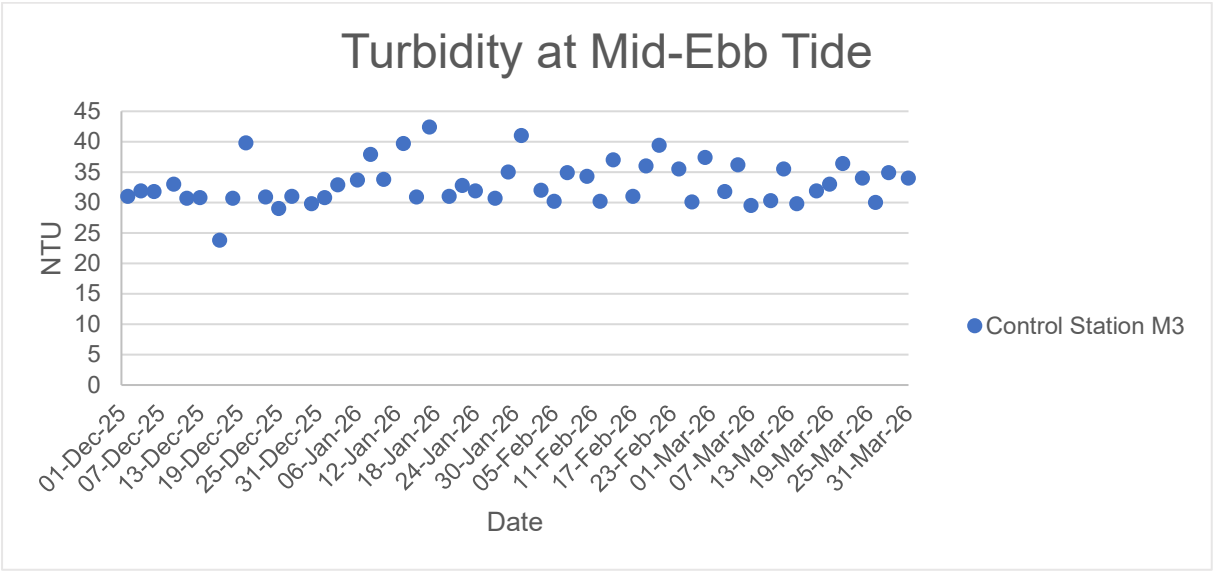
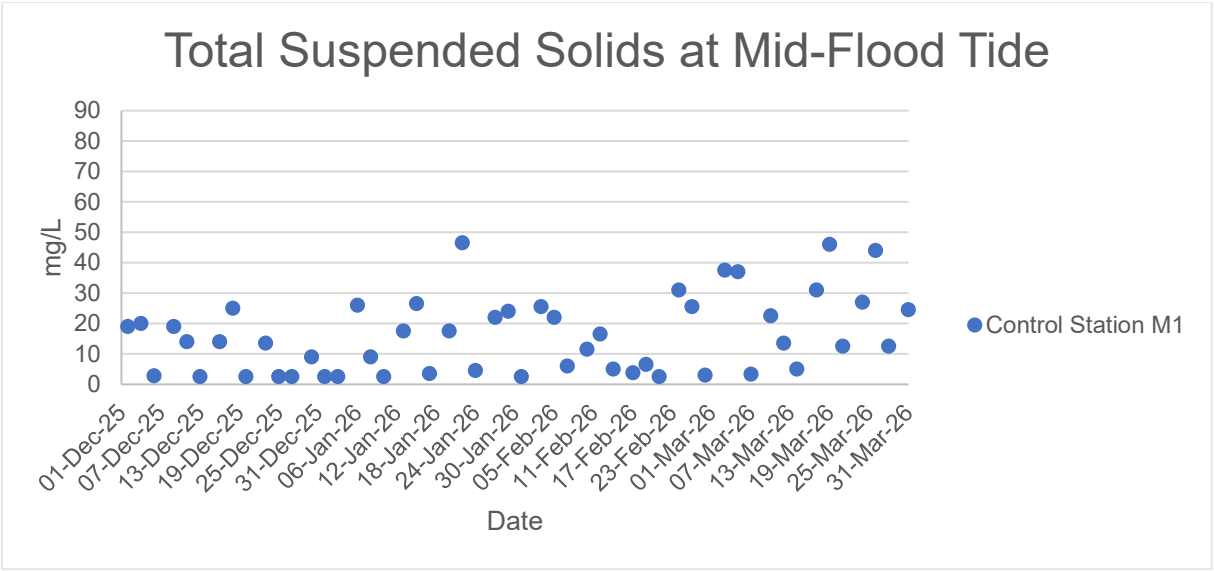
07-Mar-26
13-Mar-26
19-Mar-26
25-Mar-26
31-Mar-26
Date
Action Level
Limit Level
Impact Station M2


Turbidity at Mid-Flood Tide
NTU
90
80
70
60
50
40
30
20
10
0
01-Dec-25
07-Dec-25
13-Dec-25
19-Dec-25
25-Dec-25
31-Dec-25
06-Jan-26
12-Jan-26
18-Jan-26
24-Jan-26
30-Jan-26
05-Feb-26
11-Feb-26
17-Feb-26
23-Feb-26
01-Mar-26
07-Mar-26
13-Mar-26
19-Mar-26
25-Mar-26
31-Mar-26
Date
Action Level
Impact Station M3
Limit Level


Turbidity at Mid-Ebb Tide
60
50
40
30
20
10
0
MTU
01-Dec-25
07-Dec-25
13-Dec-25
19-Dec-25
25-Dec-25
31-Dec-25
06-Jan-26
12-Jan-26
18-Jan-26
24-Jan-26
30-Jan-26
05-Feb-26
11-Feb-26
17-Feb-26
23-Feb-26
01-Mar-26
07-Mar-26
13-Mar-26
19-Mar-26
25-Mar-26
31-Mar-26
Date
Action Level


Turbidity at Mid-Ebb Tide
35
30
25
20
15
10
5
0
NTU
01-Dec-25
07-Dec-25
13-Dec-25
19-Dec-25
25-Dec-25
31-Dec-25
06-Jan-26
12-Jan-26
18-Jan-26
24-Jan-26
30-Jan-26
05-Feb-26
11-Feb-26
17-Feb-26
23-Feb-26
01-Mar-26
07-Mar-26
13-Mar-26
19-Mar-26
25-Mar-26
31-Mar-26
Date
Control Station M2


Turbidity at Mid-Ebb Tide
45
40
35
30
25
20
15
10
5
0
NTU
01-Dec-25
07-Dec-25
13-Dec-25
19-Dec-25
25-Dec-25
31-Dec-25
06-Jan-26
12-Jan-26
18-Jan-26
24-Jan-26
30-Jan-26
05-Feb-26
11-Feb-26
17-Feb-26
23-Feb-26
01-Mar-26
07-Mar-26
13-Mar-26
19-Mar-26
25-Mar-26
31-Mar-26
Date
Control Station M3


Total Suspended Solids at Mid-Flood Tide
mg/L
90
80
70
60
50
40
30
20
10
0
01-Dec-25
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13-Dec-25
19-Dec-25
25-Dec-25
31-Dec-25
06-Jan-26
12-Jan-26
18-Jan-26
24-Jan-26
30-Jan-26
05-Feb-26
11-Feb-26
17-Feb-26
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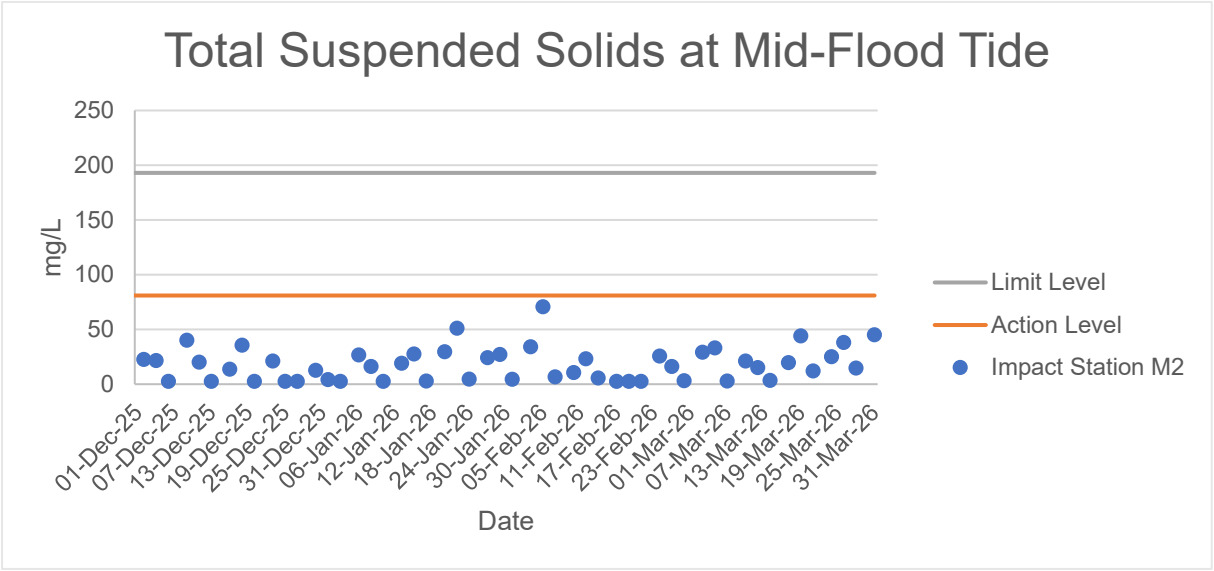
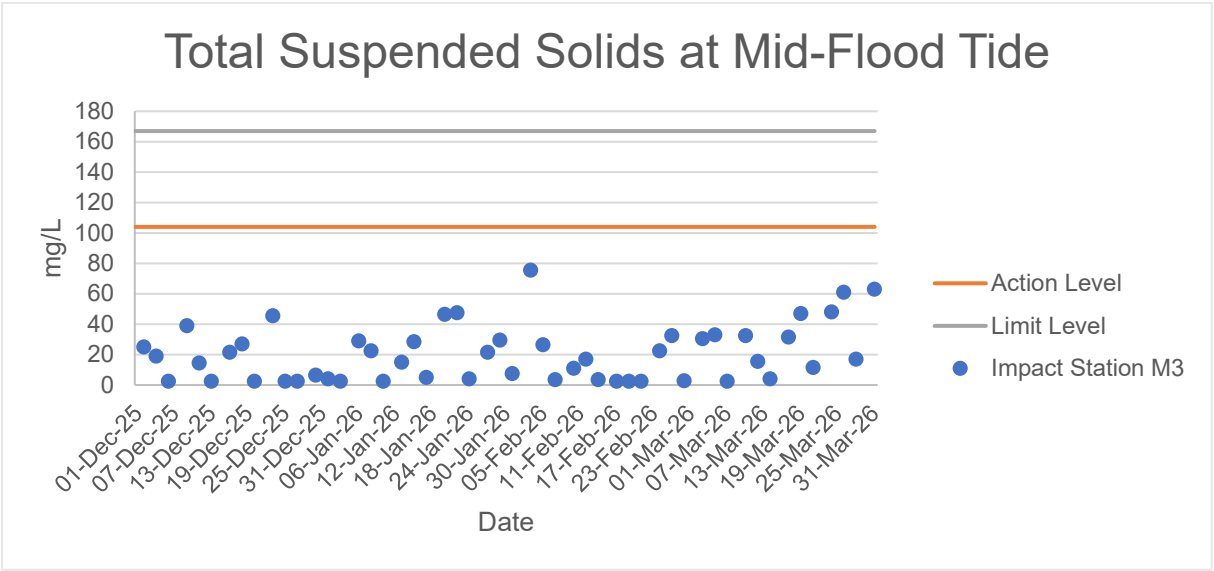
19-Mar-26
25-Mar-26
31-Mar-26
Date
Control Station M1


Total Suspended Solids at Mid-Flood Tide
mg/L
250
200
150
100
50
0
01-Dec-25
07-Dec-25
13-Dec-25
19-Dec-25
25-Dec-25
31-Dec-25
06-Jan-26
12-Jan-26
18-Jan-26
24-Jan-26
30-Jan-26
05-Feb-26
11-Feb-26
17-Feb-26
23-Feb-26
01-Mar-26
07-Mar-26
13-Mar-26
19-Mar-26
25-Mar-26
31-Mar-26
Date
Limit Level
Action Level
Impact Station M2


Total Suspended Solids at Mid-Flood Tide
mg/L
180
160
140
120
100
80
60
40
20
0
01-Dec-25
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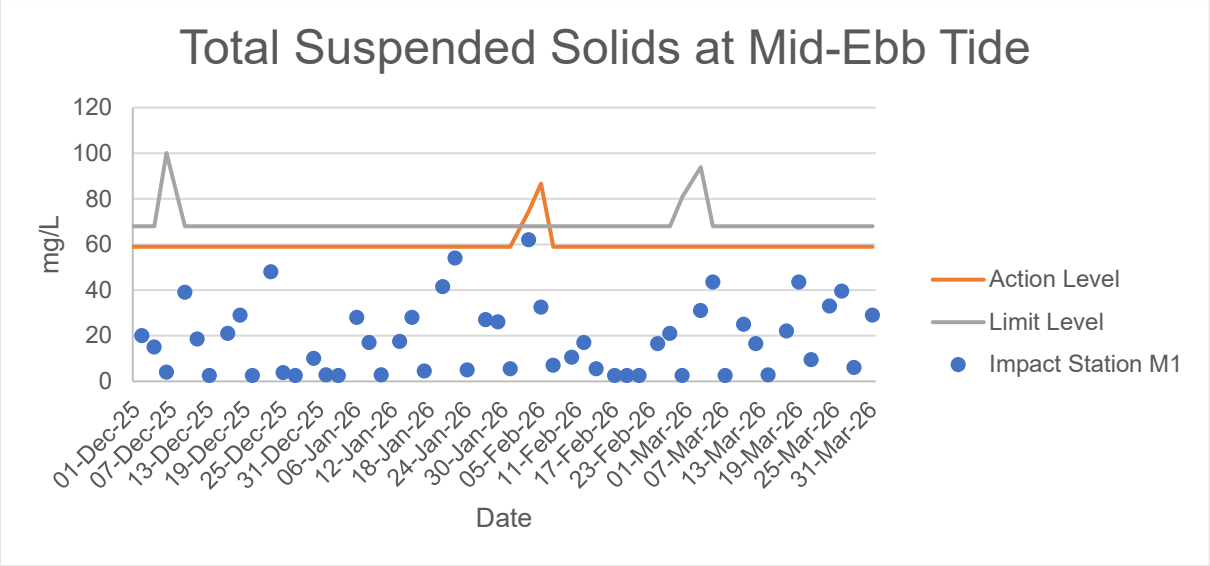
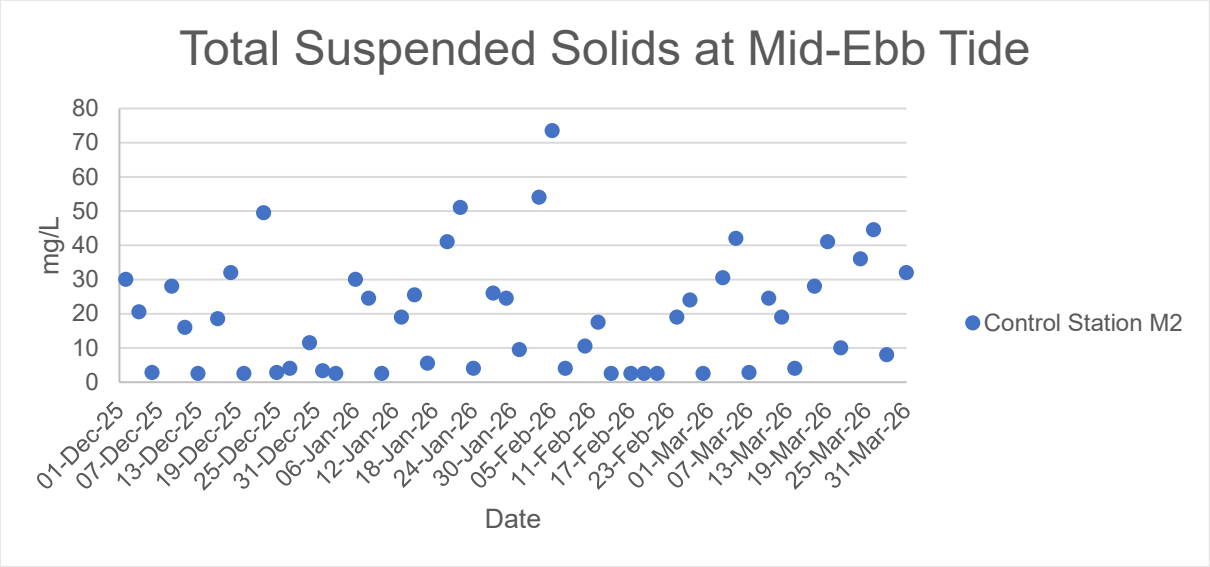
13-Dec-25
19-Dec-25
25-Dec-25
31-Dec-25
06-Jan-26
12-Jan-26
18-Jan-26
24-Jan-26
30-Jan-26
05-Feb-26
11-Feb-26
17-Feb-26
23-Feb-26
01-Mar-26
07-Mar-26
13-Mar-26
19-Mar-26
25-Mar-26
31-Mar-26
Date
Action Level
Limit Level
Impact Station M3


Total Suspended Solids at Mid-Ebb Tide
mg/L
120
100
80
60
40
20
0
01-Dec-25
07-Dec-25
13-Dec-25
19-Dec-25
25-Dec-25
31-Dec-25
06-Jan-26
12-Jan-26
18-Jan-26
24-Jan-26
30-Jan-26
05-Feb-26
11-Feb-26
17-Feb-26
23-Feb-26
01-Mar-26
07-Mar-26
13-Mar-26
19-Mar-26
25-Mar-26
31-Mar-26
Date
Action Level
Limit Level
Impact Station M1


Total Suspended Solids at Mid-Ebb Tide
mg/L
80
70
60
50
40
30
20
10
0
01-Dec-25
07-Dec-25
13-Dec-25
19-Dec-25
25-Dec-25
31-Dec-25
06-Jan-26
12-Jan-26
18-Jan-26
24-Jan-26
30-Jan-26
05-Feb-26
11-Feb-26
17-Feb-26
23-Feb-26
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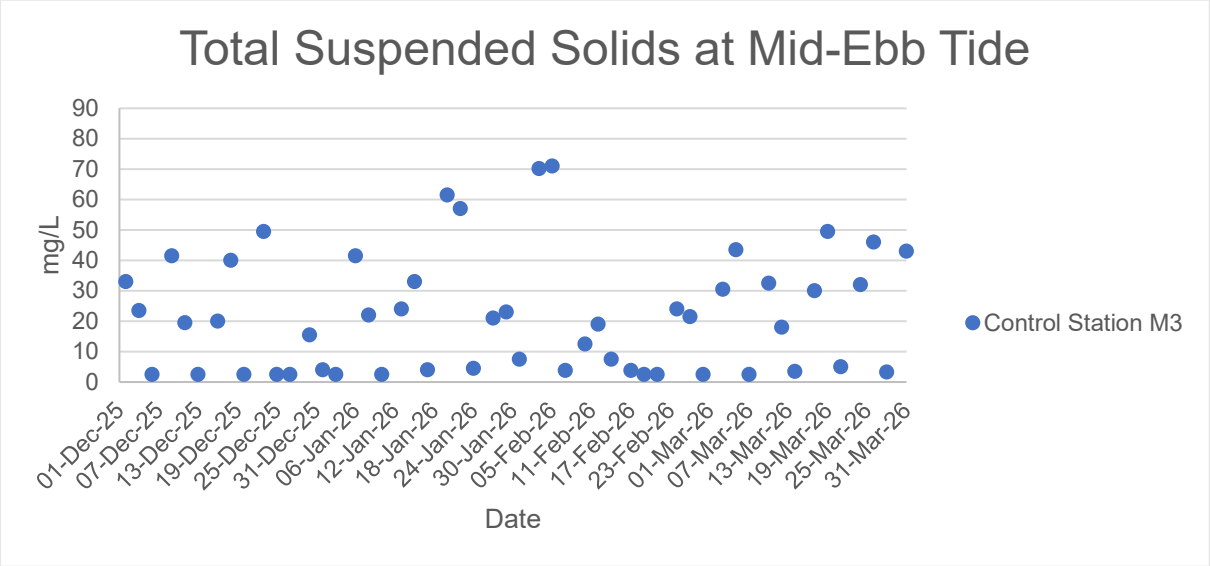
19-Mar-26
25-Mar-26
31-Mar-26
Date
Control Station M2


Total Suspended Solids at Mid-Ebb Tide
mg/L
90
80
70
60
50
40
30
20
10
0
01-Dec-25
07-Dec-25
13-Dec-25
19-Dec-25
25-Dec-25
31-Dec-25
06-Jan-26
12-Jan-26
18-Jan-26
24-Jan-26
30-Jan-26
05-Feb-26
11-Feb-26
17-Feb-26
23-Feb-26
01-Mar-26
07-Mar-26
13-Mar-26
19-Mar-26
25-Mar-26
31-Mar-26
Date
Control Station M3

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 (4 March 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]
04/03/2026	Daytime	Dry	FLW	Point Count	FLW1	Little Grebe	*Tachybaptus ruficollis*	5	Common	R	LC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW1	Great Cormorant	*Phalacrocorax carbo*	4	Common	WV	PRC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW1	Black-winged stilt	*Himantopus himantopus*	5	Common	PM	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW1	Common Greenshank	*Tringa nebularia*	1	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW1	Spotted Dove	*Spilopelia chinensis*	1	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW1	Asian Koel	*Eudynamys scolopaceus*	1	Common	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW1	Black-collared Starling	*Gracupica nigricollis*	4	Common	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW1	Eastern Yellow Wagtail	*Motacilla tschutschensis*	1	Common	PM,WV	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW1	White Wagtail	*Motacilla alba*	1	Common	PM,WV	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW2	Little Egret	*Egretta garzetta*	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW2	Great Cormorant	*Phalacrocorax carbo*	2	Common	WV	PRC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW2	Black Kite	*Milvus migrans*	1	Common	R,WV	(RC)	Class II	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW2	Pied Avocet	*Recurvirostra avosetta*	1	Abundant	WV	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW3	Chinese Pond Heron	*Ardeola bacchus*	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW3	Chinese Bulbul	*Pycnonotus sinensis*	3	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW3	Barn Swallow	*Hirundo rustica*	4	Abundant	PM,SV	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW3	Scaly-breasted Munia	*Lonchura punctulata*	4	Common	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW4	Northern Shoveler	*Spatula clypeata*	5	Abundant	WV	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW4	Tufted Duck	*Aythya fuligula*	46	Uncommon	WV	LC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW4	Chinese Pond Heron	*Ardeola bacchus*	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW4	Grey Heron	*Ardea cinerea*	1	Common	WV	PRC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW4	Great Cormorant	*Phalacrocorax carbo*	11	Common	WV	PRC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW4	Common Moorhen	*Gallinula chloropus*	1	Common	R	-	-	-	LC	LC	N	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW4	Eurasian Coot	*Fulica atra*	2	Uncommon	W	RC	-	-	-	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW4	Eurasian Collared Dove	*Streptopelia decaocto*	1	Common	-	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW4	Spotted Dove	*Spilopelia chinensis*	2	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW4	Crested Myna	*Acridotheres cristatellus*	3	Common	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW4	White Wagtail	*Motacilla alba*	1	Common	PM,WV	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW5	Little Grebe	*Tachybaptus ruficollis*	2	Common	R	LC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW5	Great Cormorant	*Phalacrocorax carbo*	4	Common	WV	PRC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW5	White-breasted Waterhen	*Amaurornis phoenicurus*	1	Common	R	-	-	-	LC	LC	N	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW5	Spotted Dove	*Spilopelia chinensis*	1	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW5	Collared Crow	*Corvus torquatus*	2	Uncommon	R	LC	-	-	NT	VU	Y	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW5	Barn Swallow	*Hirundo rustica*	24	Abundant	PM,SV	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW5	Oriental Magpie Robin	*Copsychus saularis*	1	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW5	Eastern Yellow Wagtail	*Motacilla tschutschensis*	1	Common	PM,WV	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW6	Chinese Pond Heron	*Ardeola bacchus*	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y

Appendix F.1 Ecological Bird Monitoring Result (4 March 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]
04/03/2026	Daytime	Dry	FLW	Point Count	FLW6	Great Egret	*Ardea alba*	1	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW6	Spotted Dove	*Spilopelia chinensis*	1	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW6	Long-tailed Shrike	*Lanius schach*	1	Common	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW6	Azure-winged Magpie	*Cyanopica cyanus*	2	Introduced	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW6	Black-collared Starling	*Gracupica nigricollis*	2	Common	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW7	Black-crowned Night Heron	*Nycticorax nycticorax*	3	Common	R,WV	(LC)	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW7	Chinese Pond Heron	*Ardeola bacchus*	5	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW7	Little Egret	*Egretta garzetta*	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW7	Great Cormorant	*Phalacrocorax carbo*	3	Common	WV	PRC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW7	White-breasted Waterhen	*Amaurornis phoenicurus*	1	Common	R	-	-	-	LC	LC	N	Y
04/03/2026	Daytime	Dry	FLW	Point Count	FLW7	Spotted Dove	*Spilopelia chinensis*	3	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW7	Azure-winged Magpie	*Cyanopica cyanus*	16	Introduced	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW7	Chinese Bulbul	*Pycnonotus sinensis*	2	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW7	Dusky Warbler	*Phylloscopus fuscatus*	1	Common	PM,WV	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW7	Masked Laughingthrush	*Pterorhinus perspicillatus*	5	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Point Count	FLW7	Black-collared Starling	*Gracupica nigricollis*	4	Common	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Point Count	NSW1	Northern Shoveler	*Spatula clypeata*	4	Abundant	WV	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	NSW1	Eurasian Wigeon	*Mareca penelope*	3	Common	WV	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	NSW1	Eurasian Teal	*Anas crecca*	2	Common	WV	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	NSW1	Chinese Pond Heron	*Ardeola bacchus*	3	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	NSW1	Grey Heron	*Ardea cinerea*	1	Common	WV	PRC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	NSW1	Little Egret	*Egretta garzetta*	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	NSW1	Great Cormorant	*Phalacrocorax carbo*	32	Common	WV	PRC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	NSW1	White-breasted Waterhen	*Amaurornis phoenicurus*	2	Common	R	-	-	-	LC	LC	N	Y
04/03/2026	Daytime	Dry	NSW	Point Count	NSW1	Pied Avocet	*Recurvirostra avosetta*	3	Abundant	WV	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	NSW1	Common Greenshank	*Tringa nebularia*	2	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	NSW1	Spotted Dove	*Spilopelia chinensis*	3	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Point Count	NSW1	Common Kingfisher	*Alcedo atthis*	1	Common	PM,WV	-	-	-	LC	LC	N	Y
04/03/2026	Daytime	Dry	NSW	Point Count	NSW1	Red-whiskered Bulbul	*Pycnonotus jocosus*	4	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Point Count	NSW1	Yellow-browed Warbler	*Phylloscopus inornatus*	1	Common	WV,Sp	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Point Count	NSW1	Masked Laughingthrush	*Pterorhinus perspicillatus*	3	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Point Count	NSW1	Eurasian Tree Sparrow	*Passer montanus*	6	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Point Count	NSW1	Eurasian Spoonbill	*Platalea leucorodia*	3	Common	W	LC	Class II	VU	NT	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW1	White-breasted Waterhen	*Amaurornis phoenicurus*	1	Common	R	-	-	-	LC	LC	N	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW1	Common Greenshank	*Tringa nebularia*	6	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW1	Spotted Dove	*Spilopelia chinensis*	2	Abundant	R	-	-	-	LC	LC	N	N

Appendix F.1 Ecological Bird Monitoring Result (4 March 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]
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW1	White-throated Kingfisher	*Halcyon smyrnensis*	1	Common	R	(LC)	Class II	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW1	Swinhoe's White-eye	*Zosterops simplex*	2	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW1	Crested Myna	*Acridotheres cristatellus*	3	Common	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW1	Black-collared Starling	*Gracupica nigricollis*	5	Common	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW1	Daurian Redstart	*Phoenicurus auroreus*	1	Common	WV	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW1	Asian Barred Owlet	*Glaucidium cuculoides*	1	Common	R	-	-	-	LC	LC	Y	N
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW1	Scarlet-backed Flowerpecker	*Dicaeum cruentatum*	1	Common	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Northern Shoveler	*Spatula clypeata*	11	Abundant	WV	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Eurasian Wigeon	*Mareca penelope*	5	Common	WV	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Eurasian Teal	*Anas crecca*	24	Common	WV	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Black-faced Spoonbill	*Platalea minor*	1	Common	WV	PGC	Class II	EN	EN	EN	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Chinese Pond Heron	*Ardeola bacchus*	5	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Grey Heron	*Ardea cinerea*	2	Common	WV	PRC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Little Egret	*Egretta garzetta*	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	White-breasted Waterhen	*Amaurornis phoenicurus*	2	Common	R	-	-	-	LC	LC	N	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Common Moorhen	*Gallinula chloropus*	3	Common	R	-	-	-	LC	LC	N	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Black-winged stilt	*Himantopus himantopus*	7	Common	PM	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Pied Avocet	*Recurvirostra avosetta*	6	Abundant	WV	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Common Snipe	*Gallinago gallinago*	2	Common	PM,WV	-	-	-	LC	LC	N	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Common Sandpiper	*Actitis hypoleucos*	2	Common	PM,WV	-	-	-	LC	LC	N	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Common Redshank	*Tringa totanus*	4	Common	PM	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Common Greenshank	*Tringa nebularia*	4	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Black-headed Gull	*Chroicocephalus ridibundus*	5	Common	WV	PRC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Greater Coucal	*Centropus sinensis*	1	Common	R	-	Class II	VU	LC	LC	Y	N
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Common Kingfisher	*Alcedo atthis*	1	Common	PM,WV	-	-	-	LC	LC	N	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Red-whiskered Bulbul	*Pycnonotus jocosus*	6	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Chinese Bulbul	*Pycnonotus sinensis*	4	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	Plain Prinia	*Prinia inornata*	2	Common	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW2	White Wagtail	*Motacilla alba*	2	Common	PM,WV	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Northern Shoveler	*Spatula clypeata*	9	Abundant	WV	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Eurasian Wigeon	*Mareca penelope*	20	Common	WV	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Eurasian Teal	*Anas crecca*	18	Common	WV	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Black-faced Spoonbill	*Platalea minor*	21	Common	WV	PGC	Class II	EN	EN	EN	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Grey Heron	*Ardea cinerea*	2	Common	WV	PRC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Great Egret	*Ardea alba*	31	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Little Egret	*Egretta garzetta*	22	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Great Cormorant	*Phalacrocorax carbo*	44	Common	WV	PRC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Common Moorhen	*Gallinula chloropus*	3	Common	R	-	-	-	LC	LC	N	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Black-winged stilt	*Himantopus himantopus*	17	Common	PM	RC	-	-	LC	LC	Y	Y

Appendix F.1 Ecological Bird Monitoring Result (4 March 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]
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Pied Avocet	*Recurvirostra avosetta*	22	Abundant	WV	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Common Sandpiper	*Actitis hypoleucos*	1	Common	PM,WV	-	-	-	LC	LC	N	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Common Redshank	*Tringa totanus*	11	Common	PM	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Common Greenshank	*Tringa nebularia*	12	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Black-headed Gull	*Chroicocephalus ridibundus*	11	Common	WV	PRC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Japanese Tit	*Parus minor*	3	Common	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Crested Myna	*Acridotheres cristatellus*	2	Common	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	White Wagtail	*Motacilla alba*	1	Common	PM,WV	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Point Count	SP/NSW3	Eurasian Spoonbill	*Platalea leucorodia*	4	Common	W	LC	Class II	VU	NT	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Transect	FLW	Chinese Pond Heron	*Ardeola bacchus*	4	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Transect	FLW	Grey Heron	*Ardea cinerea*	1	Common	WV	PRC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Transect	FLW	Great Egret	*Ardea alba*	1	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Transect	FLW	Little Egret	*Egretta garzetta*	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Transect	FLW	White-breasted Waterhen	*Amaurornis phoenicurus*	1	Common	R	-	-	-	LC	LC	N	Y
04/03/2026	Daytime	Dry	FLW	Transect	FLW	Common Moorhen	*Gallinula chloropus*	1	Common	R	-	-	-	LC	LC	N	Y
04/03/2026	Daytime	Dry	FLW	Transect	FLW	Spotted Dove	*Spilopelia chinensis*	3	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Transect	FLW	Greater Coucal	*Centropus sinensis*	1	Common	R	-	Class II	VU	LC	LC	Y	N
04/03/2026	Daytime	Dry	FLW	Transect	FLW	Pied Kingfisher	*Ceryle rudis*	1	Uncommon	R	-	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	FLW	Transect	FLW	Red-whiskered Bulbul	*Pycnonotus jocosus*	6	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Transect	FLW	Chinese Bulbul	*Pycnonotus sinensis*	3	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Transect	FLW	Barn Swallow	*Hirundo rustica*	4	Abundant	PM,SV	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Transect	FLW	Swinhoe's White-eye	*Zosterops simplex*	2	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Transect	FLW	Crested Myna	*Acridotheres cristatellus*	6	Common	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Transect	FLW	Black-collared Starling	*Gracupica nigricollis*	3	Common	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Transect	FLW	Oriental Magpie Robin	*Copsychus saularis*	1	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Transect	FLW	Stejneger's Stonechat	*Saxicola stejnegeri*	1	Common	PM,WV	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	FLW	Transect	FLW	Eastern Yellow Wagtail	*Motacilla tschutschensis*	2	Common	PM,WV	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Transect	NSW	Little Egret	*Egretta garzetta*	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Transect	NSW	Great Cormorant	*Phalacrocorax carbo*	4	Common	WV	PRC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	NSW	Transect	NSW	White-breasted Waterhen	*Amaurornis phoenicurus*	1	Common	R	-	-	-	LC	LC	N	Y
04/03/2026	Daytime	Dry	NSW	Transect	NSW	Spotted Dove	*Spilopelia chinensis*	6	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Transect	NSW	Asian Koel	*Eudynamys scolopaceus*	1	Common	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Transect	NSW	Common Kingfisher	*Alcedo atthis*	1	Common	PM,WV	-	-	-	LC	LC	N	Y
04/03/2026	Daytime	Dry	NSW	Transect	NSW	Red-billed Blue Magpie	*Urocissa erythroryncha*	4	Common	R	-	-	-	-	LC	N	N
04/03/2026	Daytime	Dry	NSW	Transect	NSW	Yellow-browed Warbler	*Phylloscopus inornatus*	1	Common	WV,Sp	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Transect	NSW	Dusky Warbler	*Phylloscopus fuscatus*	1	Common	PM,WV	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Transect	NSW	Masked Laughingthrush	*Pterorhinus perspicillatus*	4	Abundant	R	-	-	-	LC	LC	N	N

Appendix F.1 Ecological Bird Monitoring Result (4 March 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]
04/03/2026	Daytime	Dry	NSW	Transect	NSW	Swinhoe's White-eye	*Zosterops simplex*	6	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Transect	NSW	Crested Myna	*Acridotheres cristatellus*	6	Common	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Transect	NSW	Black-collared Starling	*Gracupica nigricollis*	4	Common	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Transect	NSW	Oriental Magpie Robin	*Copsychus saularis*	1	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Transect	NSW	Scaly-breasted Munia	*Lonchura punctulata*	6	Common	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	NSW	Transect	NSW	White Wagtail	*Motacilla alba*	2	Common	PM,WV	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Eurasian Wigeon	*Mareca penelope*	4	Common	WV	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Eurasian Teal	*Anas crecca*	12	Common	WV	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Grey Heron	*Ardea cinerea*	3	Common	WV	PRC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Great Egret	*Ardea alba*	1	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	White-breasted Waterhen	*Amaurornis phoenicurus*	1	Common	R	-	-	-	LC	LC	N	Y
04/03/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Common Moorhen	*Gallinula chloropus*	1	Common	R	-	-	-	LC	LC	N	Y
04/03/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Black-winged stilt	*Himantopus himantopus*	11	Common	PM	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Pied Avocet	*Recurvirostra avosetta*	8	Abundant	WV	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Common Sandpiper	*Actitis hypoleucos*	1	Common	PM,WV	-	-	-	LC	LC	N	Y
04/03/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Common Redshank	*Tringa totanus*	8	Common	PM	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Marsh Sandpiper	*Tringa stagnatilis*	2	Common	PM,WV	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Common Greenshank	*Tringa nebularia*	3	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Black-headed Gull	*Chroicocephalus ridibundus*	66	Common	WV	PRC	-	-	LC	LC	Y	Y
04/03/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Spotted Dove	*Spilopelia chinensis*	1	Abundant	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Asian Koel	*Eudynamys scolopaceus*	1	Common	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Japanese Tit	*Parus minor*	2	Common	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Dusky Warbler	*Phylloscopus fuscatus*	1	Common	PM,WV	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Black-collared Starling	*Gracupica nigricollis*	4	Common	R	-	-	-	LC	LC	N	N
04/03/2026	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Oriental Magpie Robin	*Copsychus saularis*	1	Abundant	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 (4 March 2026)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P)^2
Spatula clypeata	29	0.0443	-3.1173	-0.1380	0.4303
Mareca penelope	28	0.0427	-3.1524	-0.1348	0.4248
Anas crecca	44	0.0672	-2.7004	-0.1814	0.4899
Aythya fuligula	46	0.0702	-2.6560	-0.1865	0.4954
Tachybaptus ruficollis	7	0.0107	-4.5387	-0.0485	0.2202
Platalea leucorodia	7	0.0107	-4.5387	-0.0485	0.2202
Platalea minor	22	0.0336	-3.3936	-0.1140	0.3868
Nycticorax nycticorax	3	0.0046	-5.3860	-0.0247	0.1329
Ardeola bacchus	17	0.0260	-3.6514	-0.0948	0.3460
Ardea cinerea	6	0.0092	-4.6929	-0.0430	0.2017
Ardea alba	32	0.0489	-3.0189	-0.1475	0.4453
Egretta garzetta	27	0.0412	-3.1888	-0.1314	0.4192
Phalacrocorax carbo	100	0.1527	-1.8795	-0.2869	0.5393
Milvus migrans	1	0.0015	-6.4846	-0.0099	0.0642
Amaurornis phoenicurus	7	0.0107	-4.5387	-0.0485	0.2202
Gallinula chloropus	7	0.0107	-4.5387	-0.0485	0.2202
Fulica atra	2	0.0031	-5.7915	-0.0177	0.1024
Himantopus himantopus	29	0.0443	-3.1173	-0.1380	0.4303
Recurvirostra avosetta	32	0.0489	-3.0189	-0.1475	0.4453
Gallinago gallinago	2	0.0031	-5.7915	-0.0177	0.1024
Actitis hypoleucos	3	0.0046	-5.3860	-0.0247	0.1329
Tringa totanus	15	0.0229	-3.7766	-0.0865	0.3266
Tringa nebularia	25	0.0382	-3.2658	-0.1246	0.4071
Chroicocephalus ridibundus	16	0.0244	-3.7120	-0.0907	0.3366
Streptopelia decaocto	1	0.0015	-6.4846	-0.0099	0.0642
Spilopelia chinensis	13	0.0198	-3.9197	-0.0778	0.3049
Centropus sinensis	1	0.0015	-6.4846	-0.0099	0.0642
Eudynamys scolopaceus	1	0.0015	-6.4846	-0.0099	0.0642
Glaucidium cuculoides	1	0.0015	-6.4846	-0.0099	0.0642
Halcyon smyrnensis	1	0.0015	-6.4846	-0.0099	0.0642
Alcedo atthis	2	0.0031	-5.7915	-0.0177	0.1024
Lanius schach	1	0.0015	-6.4846	-0.0099	0.0642
Cyanopica cyanus	18	0.0275	-3.5943	-0.0988	0.3550
Corvus torquatus	2	0.0031	-5.7915	-0.0177	0.1024
Parus minor	3	0.0046	-5.3860	-0.0247	0.1329
Pycnonotus jocosus	10	0.0153	-4.1821	-0.0638	0.2670
Pycnonotus sinensis	9	0.0137	-4.2874	-0.0589	0.2526
Hirundo rustica	28	0.0427	-3.1524	-0.1348	0.4248
Phylloscopus inornatus	1	0.0015	-6.4846	-0.0099	0.0642
Phylloscopus fuscatus	1	0.0015	-6.4846	-0.0099	0.0642
Prinia inornata	2	0.0031	-5.7915	-0.0177	0.1024
Pterorhinus perspicillatus	8	0.0122	-4.4052	-0.0538	0.2370
Zosterops simplex	2	0.0031	-5.7915	-0.0177	0.1024
Acridotheres cristatellus	8	0.0122	-4.4052	-0.0538	0.2370
Gracupica nigricollis	15	0.0229	-3.7766	-0.0865	0.3266
Copsychus saularis	1	0.0015	-6.4846	-0.0099	0.0642
Phoenicurus auroreus	1	0.0015	-6.4846	-0.0099	0.0642
Dicaeum cruentatum	1	0.0015	-6.4846	-0.0099	0.0642
Passer montanus	6	0.0092	-4.6929	-0.0430	0.2017

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P)^2
Lonchura punctulata	4	0.0061	-5.0983	-0.0311	0.1587
Motacilla tschutschensis	2	0.0031	-5.7915	-0.0177	0.1024
Motacilla alba	5	0.0076	-4.8752	-0.0372	0.1814
Total	655	1	-247.4001	-3.2958	11.8379
Richness	52				
SS	11.8379				
SQ	10.8622				
H	3.2958				
S^2H	0.0015				

Appendix F.2.2 Ecological Bird Monitoring Diversity (Avifauna species of conservation importance in Point Count Method) in All Habitats (4 March 2026)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P)^2
Spatula clypeata	29	0.0588	-2.8332	-0.1667	0.4722
Mareca penelope	28	0.0568	-2.8683	-0.1629	0.4673
Anas crecca	44	0.0892	-2.4163	-0.2157	0.5211
Aythya fuligula	46	0.0933	-2.3719	-0.2213	0.5249
Tachybaptus ruficollis	7	0.0142	-4.2546	-0.0604	0.2570
Platalea leucorodia	7	0.0142	-4.2546	-0.0604	0.2570
Platalea minor	22	0.0446	-3.1095	-0.1388	0.4315
Nycticorax nycticorax	3	0.0061	-5.1019	-0.0310	0.1584
Ardeola bacchus	17	0.0345	-3.3673	-0.1161	0.3910
Ardea cinerea	6	0.0122	-4.4087	-0.0537	0.2366
Ardea alba	32	0.0649	-2.7348	-0.1775	0.4855
Egretta garzetta	27	0.0548	-2.9047	-0.1591	0.4621
Phalacrocorax carbo	100	0.2028	-1.5953	-0.3236	0.5162
Milvus migrans	1	0.0020	-6.2005	-0.0126	0.0780
Fulica atra	2	0.0041	-5.5074	-0.0223	0.1230
Himantopus himantopus	29	0.0588	-2.8332	-0.1667	0.4722
Recurvirostra avosetta	32	0.0649	-2.7348	-0.1775	0.4855
Tringa totanus	15	0.0304	-3.4925	-0.1063	0.3711
Tringa nebularia	25	0.0507	-2.9816	-0.1512	0.4508
Chroicocephalus ridibundus	16	0.0325	-3.4279	-0.1113	0.3814
Centropus sinensis	1	0.0020	-6.2005	-0.0126	0.0780
Glaucidium cuculoides	1	0.0020	-6.2005	-0.0126	0.0780
Halcyon smyrnensis	1	0.0020	-6.2005	-0.0126	0.0780
Corvus torquatus	2	0.0041	-5.5074	-0.0223	0.1230
Total	493	1	-93.5079	-2.6950	7.8996
Richness	24				
SS	7.8996				
SQ	7.2630				
H	2.6950				
S^2H	0.001339				

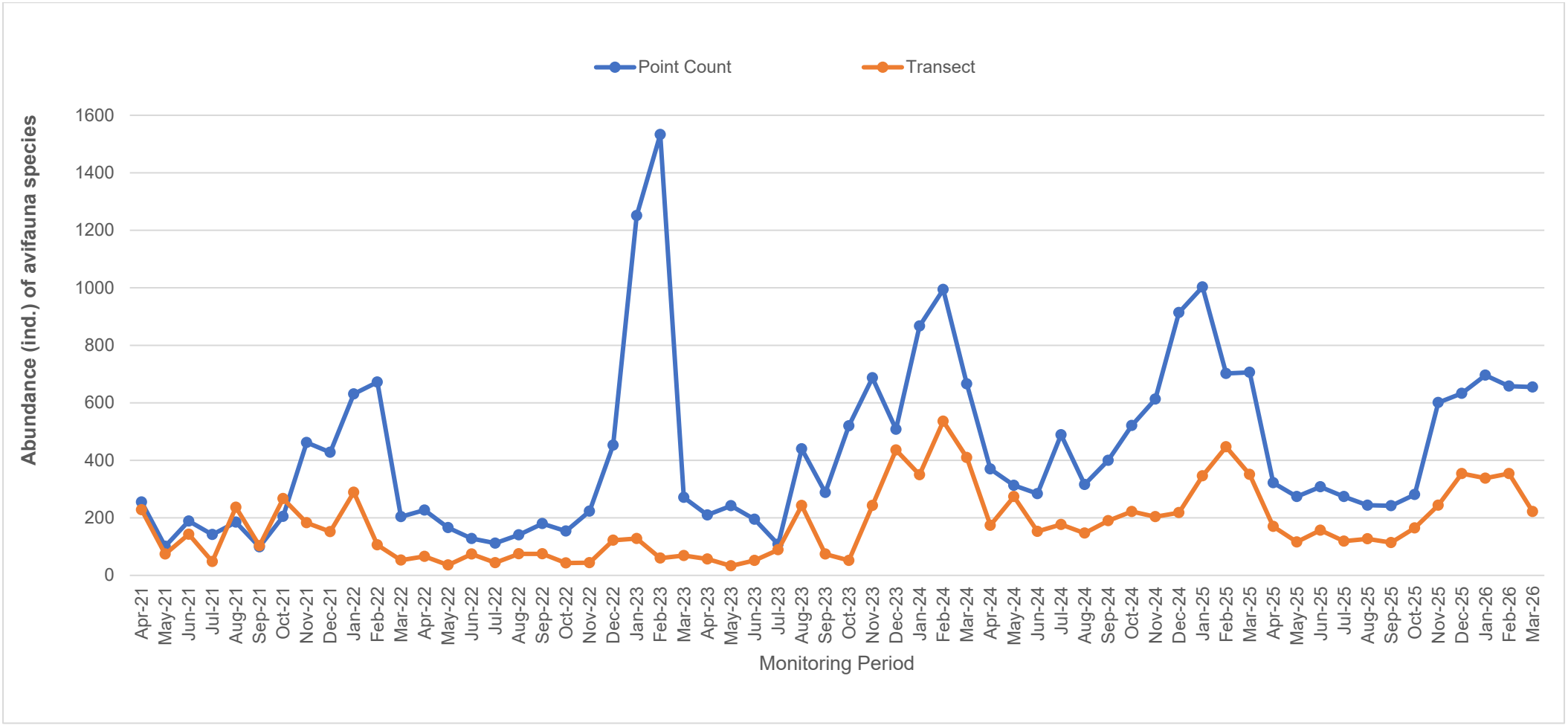
Appendix F.2.3 Ecological Bird Monitoring Diversity (All avifauna species in Transect Walk Method) in All Habitats (4 March 2026)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P)^2
Mareca penelope	4	0.0180	-4.0164	-0.0724	0.2907
Anas crecca	12	0.0541	-2.9178	-0.1577	0.4602
Ardeola bacchus	4	0.0180	-4.0164	-0.0724	0.2907
Ardea cinerea	4	0.0180	-4.0164	-0.0724	0.2907
Ardea alba	2	0.0090	-4.7095	-0.0424	0.1998
Egretta garzetta	2	0.0090	-4.7095	-0.0424	0.1998
Phalacrocorax carbo	4	0.0180	-4.0164	-0.0724	0.2907
Amaurornis phoenicurus	3	0.0135	-4.3041	-0.0582	0.2503
Gallinula chloropus	2	0.0090	-4.7095	-0.0424	0.1998
Himantopus himantopus	11	0.0495	-3.0048	-0.1489	0.4474
Recurvirostra avosetta	8	0.0360	-3.3232	-0.1198	0.3980
Actitis hypoleucos	1	0.0045	-5.4027	-0.0243	0.1315
Tringa totanus	8	0.0360	-3.3232	-0.1198	0.3980
Tringa stagnatilis	2	0.0090	-4.7095	-0.0424	0.1998
Tringa nebularia	3	0.0135	-4.3041	-0.0582	0.2503
Chroicocephalus ridibundus	66	0.2973	-1.2130	-0.3606	0.4375
Spilopelia chinensis	10	0.0450	-3.1001	-0.1396	0.4329
Centropus sinensis	1	0.0045	-5.4027	-0.0243	0.1315
Eudynamys scolopaceus	2	0.0090	-4.7095	-0.0424	0.1998
Alcedo atthis	1	0.0045	-5.4027	-0.0243	0.1315
Ceryle rudis	1	0.0045	-5.4027	-0.0243	0.1315
Urocissa erythroryncha	4	0.0180	-4.0164	-0.0724	0.2907
Parus minor	2	0.0090	-4.7095	-0.0424	0.1998
Pycnonotus jocosus	6	0.0270	-3.6109	-0.0976	0.3524
Pycnonotus sinensis	3	0.0135	-4.3041	-0.0582	0.2503
Hirundo rustica	4	0.0180	-4.0164	-0.0724	0.2907
Phylloscopus inornatus	1	0.0045	-5.4027	-0.0243	0.1315
Phylloscopus fuscatus	2	0.0090	-4.7095	-0.0424	0.1998
Pterorhinus perspicillatus	4	0.0180	-4.0164	-0.0724	0.2907
Zosterops simplex	8	0.0360	-3.3232	-0.1198	0.3980
Acridotheres cristatellus	12	0.0541	-2.9178	-0.1577	0.4602
Gracupica nigricollis	11	0.0495	-3.0048	-0.1489	0.4474
Copsychus saularis	3	0.0135	-4.3041	-0.0582	0.2503
Saxicola stejnegeri	1	0.0045	-5.4027	-0.0243	0.1315
Lonchura punctulata	6	0.0270	-3.6109	-0.0976	0.3524
Motacilla tschutschensis	2	0.0090	-4.7095	-0.0424	0.1998
Motacilla alba	2	0.0090	-4.7095	-0.0424	0.1998
Total	222	1	-153.4825	-2.9350	10.2074
Richness	37				
SS	10.2074				
SQ	8.6144				
H	2.9350				
S^2H	0.007541				

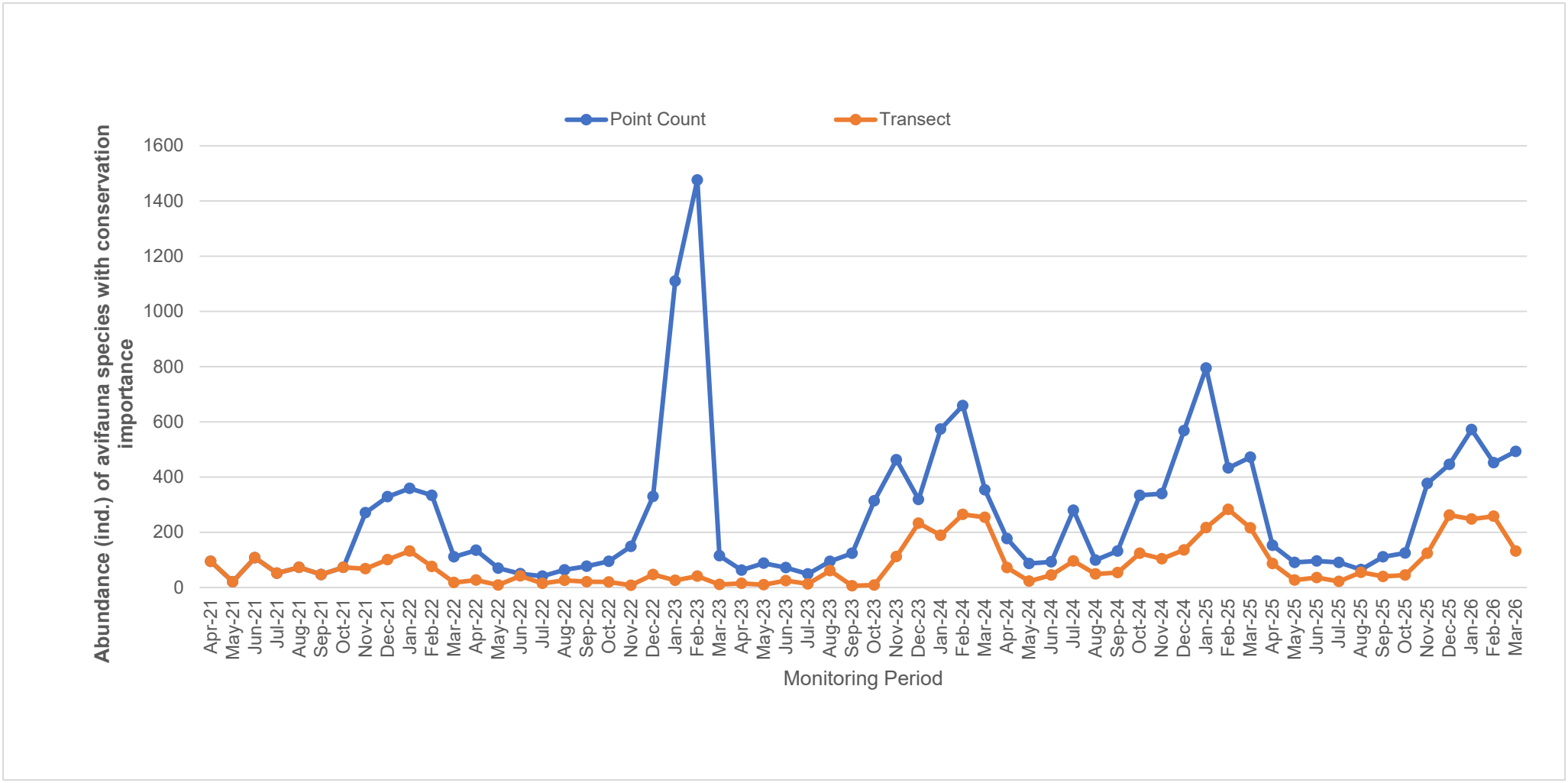
Appendix F.2.4 Ecological Bird Monitoring Diversity (Avifauna species of conservation importance in Transect Walk Method) in All Habitats (4 March 2026)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	$P*Ln(P)^2$
Mareca penelope	4	0.0303	-3.4965	-0.1060	0.3705
Anas crecca	12	0.0909	-2.3979	-0.2180	0.5227
Ardeola bacchus	4	0.0303	-3.4965	-0.1060	0.3705
Ardea cinerea	4	0.0303	-3.4965	-0.1060	0.3705
Ardea alba	2	0.0152	-4.1897	-0.0635	0.2660
Egretta garzetta	2	0.0152	-4.1897	-0.0635	0.2660
Phalacrocorax carbo	4	0.0303	-3.4965	-0.1060	0.3705
Himantopus himantopus	11	0.0833	-2.4849	-0.2071	0.5146
Recurvirostra avosetta	8	0.0606	-2.8034	-0.1699	0.4763
Tringa totanus	8	0.0606	-2.8034	-0.1699	0.4763
Tringa stagnatilis	2	0.0152	-4.1897	-0.0635	0.2660
Tringa nebularia	3	0.0227	-3.7842	-0.0860	0.3255
Chroicocephalus ridibundus	66	0.5000	-0.6931	-0.3466	0.2402
Centropus sinensis	1	0.0076	-4.8828	-0.0370	0.1806
Ceryle rudis	1	0.0076	-4.8828	-0.0370	0.1806
Total	132	1	-51.2875	-1.8857	5.1965
Richness	15				
SS	5.1965				
SQ	3.5558				
H	1.8857				
S^2H	0.01283				

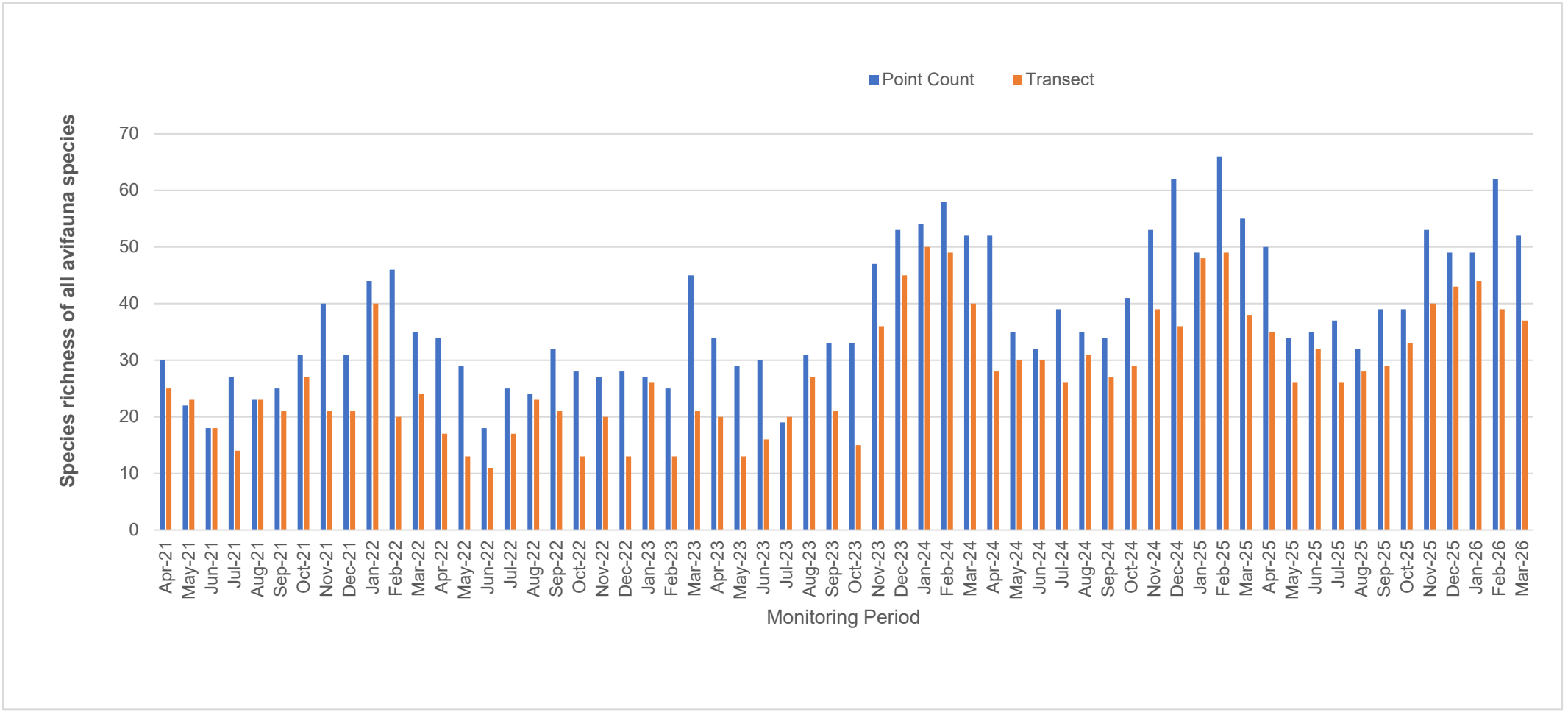
Appendix F.3.1 Abundance of all avifauna species throughout the monitoring period



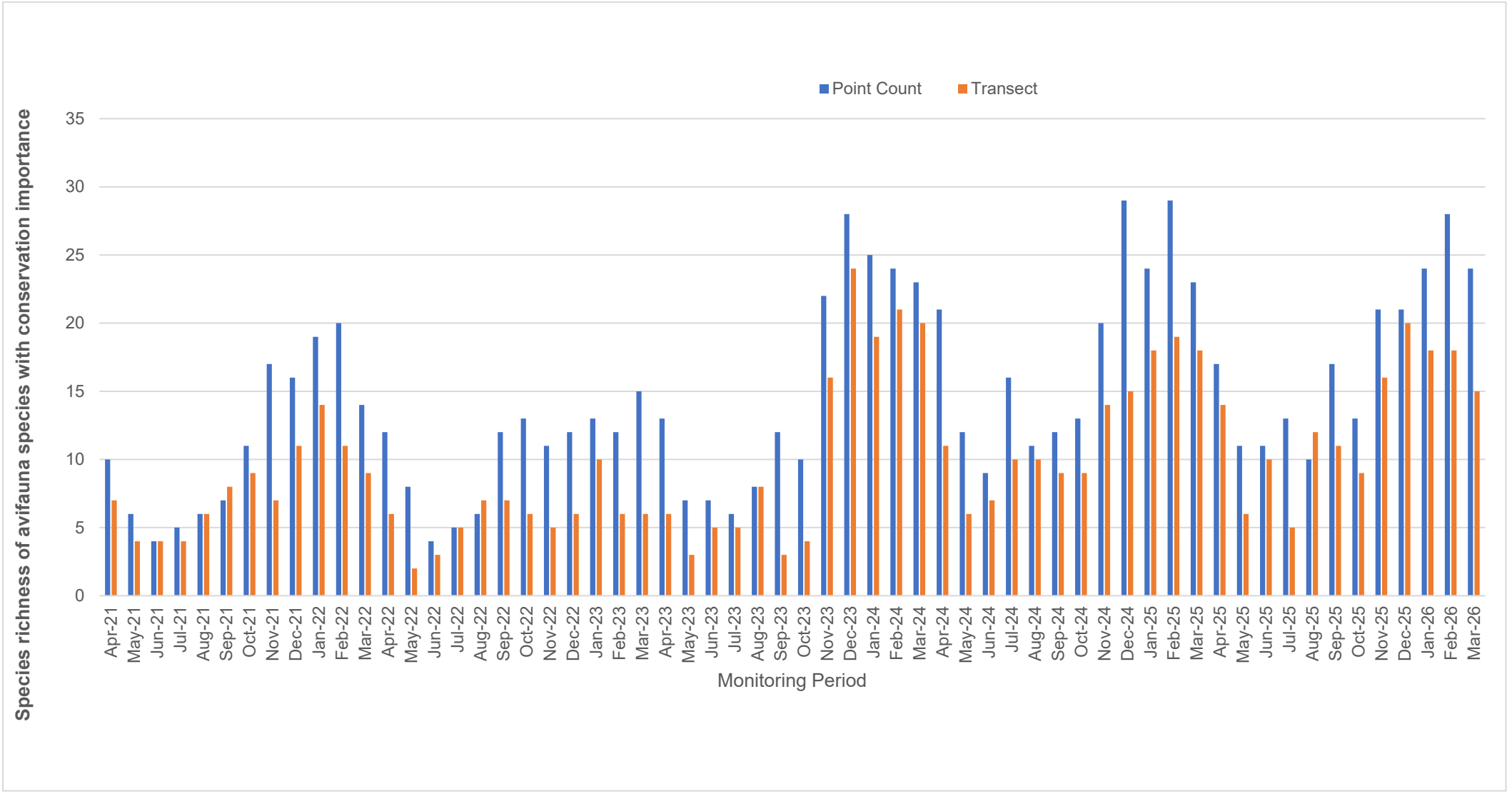
Appendix F.3.2 Abundance of avifauna species with conservation importance throughout the monitoring period



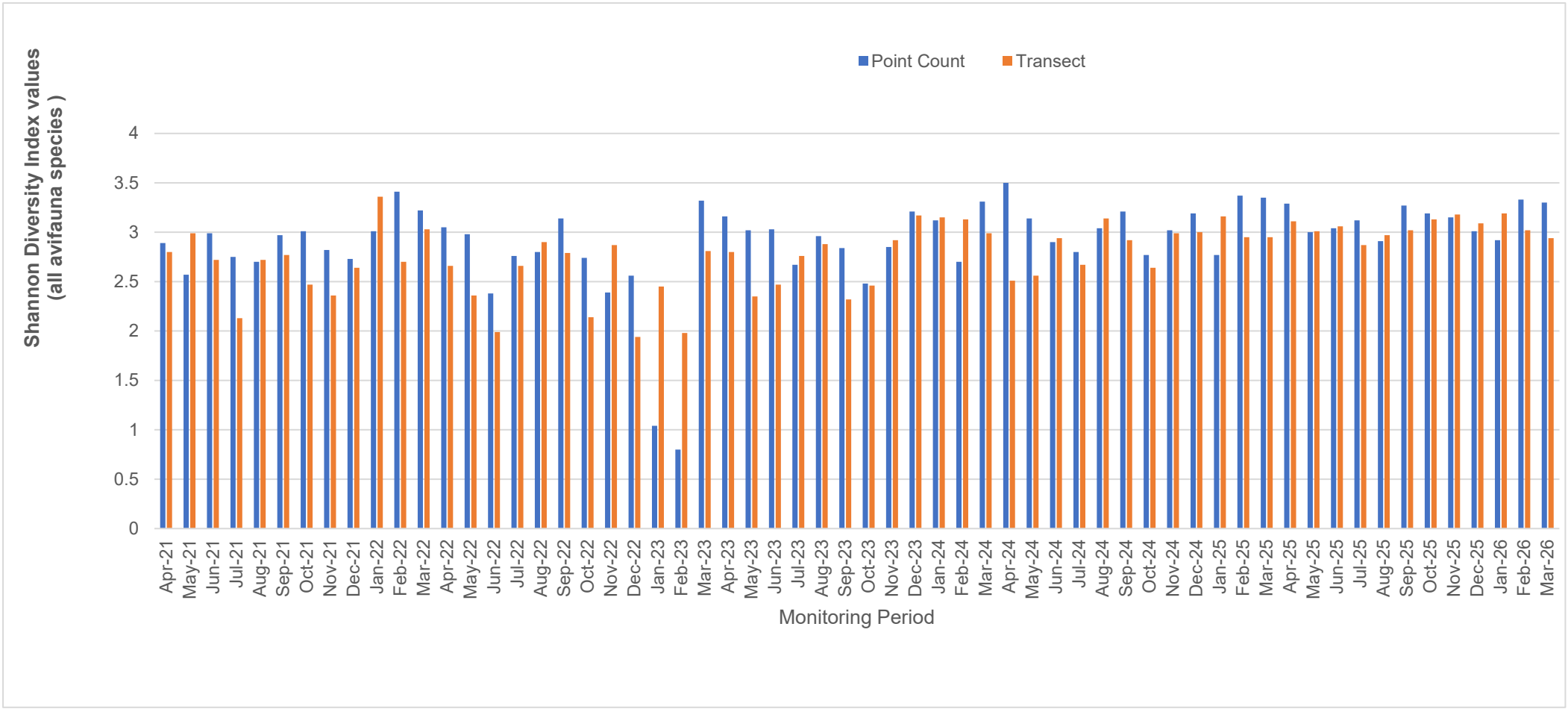
Appendix F.4.1 Species richness of all avifauna species throughout the monitoring period



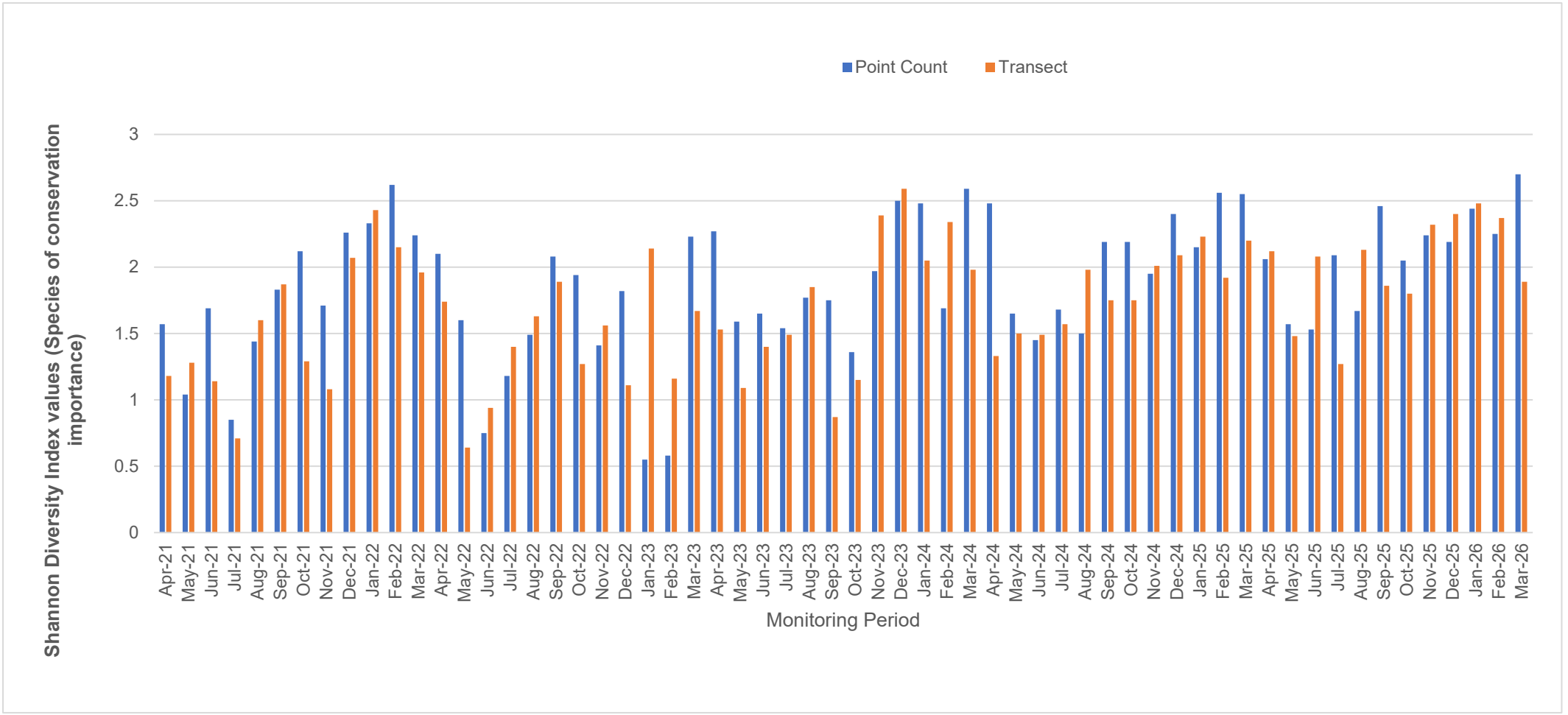
Appendix F.4.2 Species richness of avifauna species with conservation importance throughout the monitoring period



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:

$$t = \frac{H_a - H_b}{\sqrt{s^2_{H_a} + s^2_{H_b}}}$$

Appendix F.6.1 Species diversity of all avifauna species – Point Count Method

Months	March 2017	March 2026
Total	607	655
Richness	42	52
H	2.7263	3.2958
S^2H	0.002700	0.001549
t	8.7372	
df	1151.9202	
Crit	1.9620	
p	8.29E-18	
CI	0.1039	0.0787

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

Months	March 2017	March 2026
Total	170	222
Richness	33	37
H	2.8630	2.9350
S^2H	0.00671	0.007541
t	0.6038	
df	389.8211	
Crit	1.9661	
p	5.46E-01	
CI	0.1638	0.1737

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

Months	March 2017	March 2026
Total	510	493
Richness	21	24
H	2.2102	2.6950
S^2H	0.002200	0.00133874
t	8.1498	
df	954.0697	
Crit	1.9625	
p	1.14E-15	
CI	0.0938	0.0732

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

Months	March 2017	March 2026
Total	44	132
Richness	8	15
H	1.1578	1.8857
S^2H	0.03524	0.01283
t	3.3195	
df	78.4077	
Crit	1.9908	
p	1.37E-03	
CI	0.3755	0.2266