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

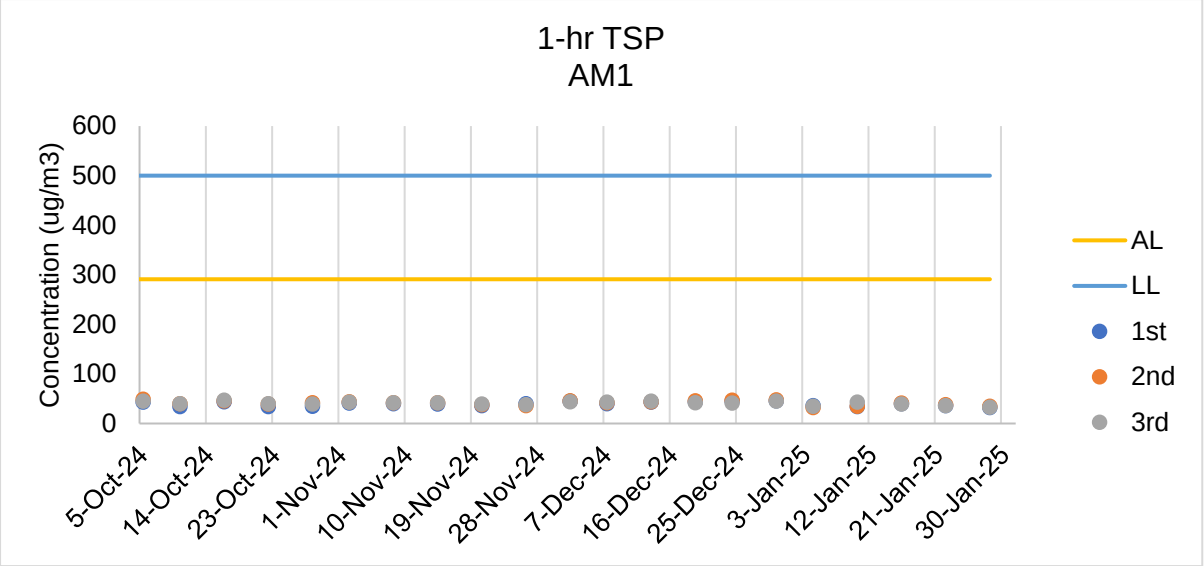
AM1 - Topfine Machinery (China) Co. Ltd.

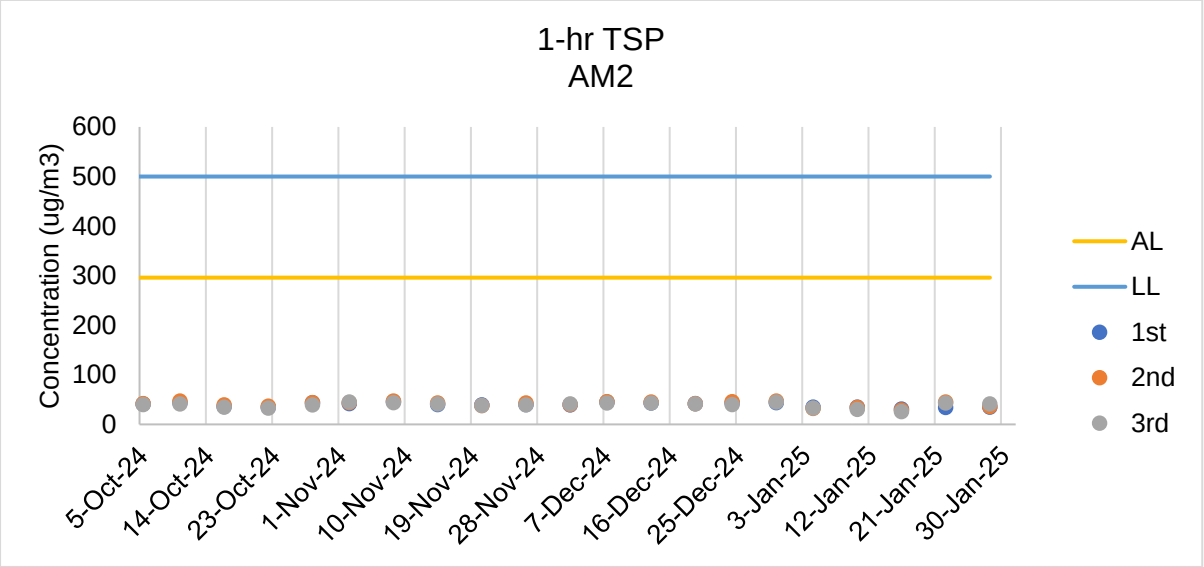
Date	Weather Condition	Start Time	1-hour TSP (µg/m³) 1st Measurement	2nd Measurement	3rd Measurement	Action Level (ug/m^3)	Limit Level (ug/m^3)
4/1/2025	Fine	8:23	36	32	35	291	500
10/1/2025	Fine	8:03	34	35	43		
16/1/2025	Fine	8:45	40	41	39		
22/1/2025	Fine	8:33	36	38	36		
28/1/2025	Fine	8:23	32	35	33		
		Min	32				
		Max	43				
		Average	36				

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)
4/1/2025	Fine	13:10	35	32	33	296	500
10/1/2025	Fine	13:09	35	34	30		
16/1/2025	Fine	13:08	31	29	26		
22/1/2025	Fine	13:33	34	45	43		
28/1/2025	Fine	13:59	35	36	41		
		Min	26				
		Max	45				
		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 02/2023
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)
10/1/2025	10:04	60.1	61.3	57.4	1.1	sunny	75
16/1/2025	10:48	59.3	60.4	57.5	0.5	sunny	75
22/1/2025	10:31	57.5	63.4	56.6	1.6	sunny	75
28/1/2025	10:20	60.2	62.9	56.3	1.4	sunny	75
	Max	60.2					
	Min	57.5					

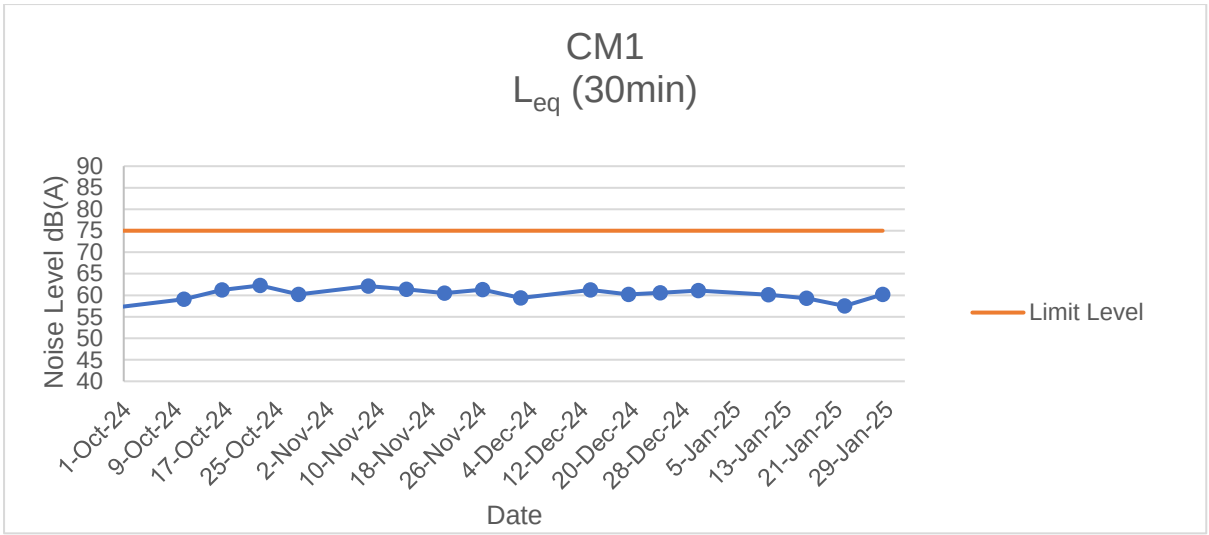
CM2 - Squatter house to the west of YLSTW

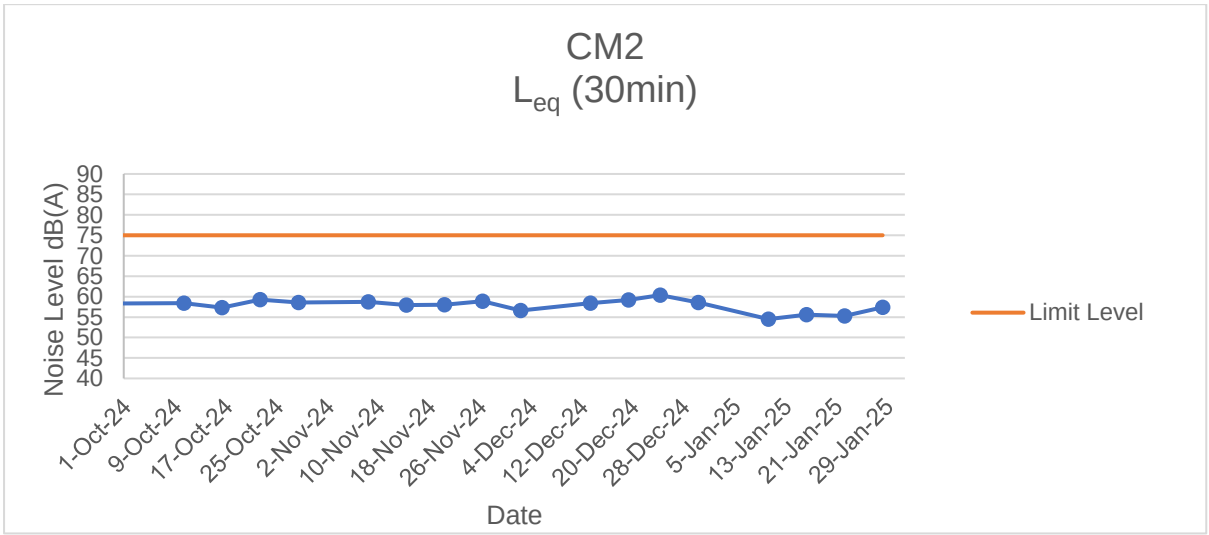
Date	Start Time	L_{eq} 30min dB(A)	L_{10} dB(A)	L_{90} dB(A)	Wind Speed (m/s)	Weather	Limit Level dB(A)
10/1/2025	13:07	54.5	55.6	53.4	0.7	sunny	75
16/1/2025	13:05	55.6	56.4	54.1	0.6	sunny	75
22/1/2025	13:30	55.3	56.6	54.3	0.2	sunny	75
28/1/2025	13:57	57.4	58.4	55.3	0.7	sunny	75
	Max	57.4					
	Min	54.5					

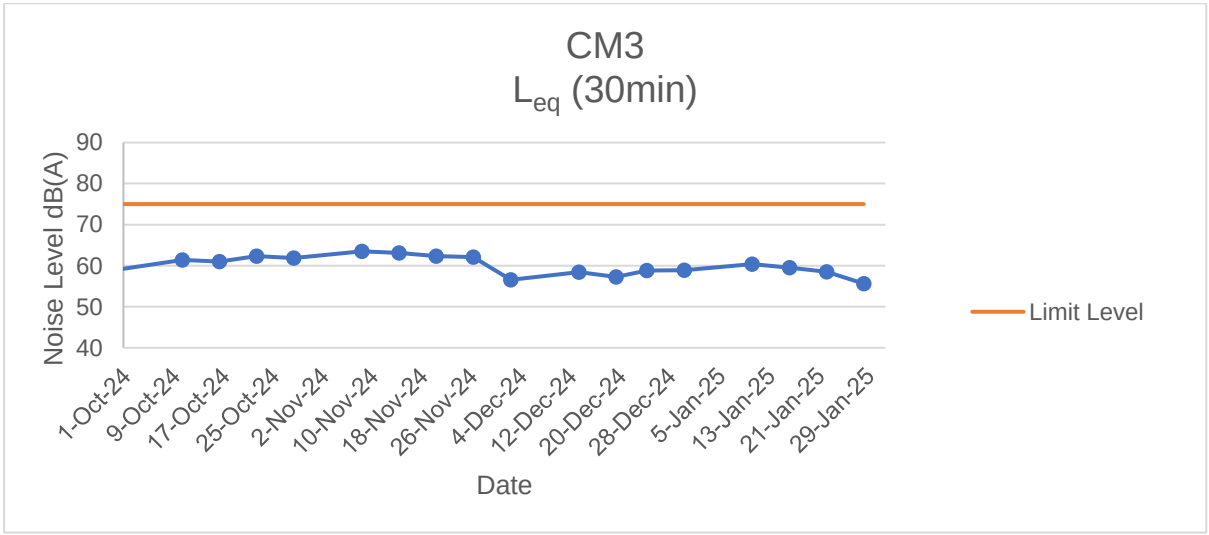
CM3 - Squatter house to the east of YLSTW

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)
10/1/2025	8:34	60.4	61.5	56.0	0.8	sunny	75
16/1/2025	9:18	59.5	60.4	55.0	0.6	sunny	75
22/1/2025	9:01	58.5	59.9	56.6	0.4	sunny	75
28/1/2025	8:50	55.6	58.8	56.4	1.2	sunny	75
	Max	60.4					
	Min	55.6					

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 Polishing
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	2/1/2025	Mid-Flood	Sunny	Low	15:00	2.7	M	1.35	1	0.074	176.906	7.2	7.19	2.83	2.79	22.1	22.10	37.0	36.30	2.78	2.73	21.67	21.75	57	51
M1	2/1/2025	Mid-Flood	Sunny	Low	15:00	2.7	M	1.35	2			7.18		2.75		22.1		35.6		2.68		21.83		44	
M2	2/1/2025	Mid-Flood	Sunny	Low	15:28	2.4	M	1.20	1	0.093	182.621	7.15	7.15	2.75	2.75	22.1	22.15	37.5	37.05	2.82	2.79	21.87	22.045	46	45
M2	2/1/2025	Mid-Flood	Sunny	Low	15:28	2.4	M	1.20	2			7.14		2.75		22.2		36.6		2.75		22.22		43	
M3	2/1/2025	Mid-Flood	Sunny	Low	15:44	2.1	M	1.05	1	0.09	186.473	7.22	7.23	3.19	3.17	22.1	22.10	48.8	49.35	3.67	3.71	30.93	30.715	23	24
M3	2/1/2025	Mid-Flood	Sunny	Low	15:44	2.1	M	1.05	2			7.24		3.15		22.1		49.9		3.75		30.5		25	
M1	2/1/2025	Mid-Ebb	Sunny	Low	10:41	2.6	M	1.30	1	0.075	330.581	7.18	7.19	2.71	2.72	21.8	21.85	34.7	34.85	2.61	2.62	19.86	19.87	22	23
M1	2/1/2025	Mid-Ebb	Sunny	Low	10:41	2.6	M	1.30	2			7.19		2.73		21.9		35.0		2.63		19.88		24	
M2	2/1/2025	Mid-Ebb	Sunny	Low	10:13	2.2	M	1.10	1	0.061	328.048	7.2	7.21	2.67	2.66	21.8	21.85	33.5	33.75	2.52	2.54	19.07	19.155	26	25
M2	2/1/2025	Mid-Ebb	Sunny	Low	10:13	2.2	M	1.10	2			7.22		2.65		21.9		34.0		2.56		19.24		24	
M3	2/1/2025	Mid-Ebb	Sunny	Low	10:55	2	M	1.00	1	0.076	314.009	7.19	7.19	3.30	3.31	21.8	21.80	48.5	48.90	3.65	3.68	29.69	29.5	44	50
M3	2/1/2025	Mid-Ebb	Sunny	Low	10:55	2	M	1.00	2			7.18		3.31		21.8		49.3		3.71		29.31		56	

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 Polishing
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement														Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	4/1/2025	Mid-Flood	Cloudy	Low	16:45	2.6	M	1.30	1	0.095	190.857	7.19	7.20	2.72	2.69	21.0	21.00	33.8	34.40	2.54	2.59	18.69	18.8	43	45
M1	4/1/2025	Mid-Flood	Cloudy	Low	16:45	2.6	M	1.30	2			7.2		2.66		21		35.0		2.63		18.91		47	
M2	4/1/2025	Mid-Flood	Cloudy	Low	17:15	2.4	M	1.20	1	0.079	177.967	7.18	7.19	2.80	2.83	21.0	21.00	35.6	35.75	2.68	2.69	19.94	19.845	28	28
M2	4/1/2025	Mid-Flood	Cloudy	Low	17:15	2.4	M	1.20	2			7.2		2.85		21		35.9		2.7		19.75		28	
M3	4/1/2025	Mid-Flood	Cloudy	Low	17:28	2.1	M	1.05	1	0.079	189.589	7.14	7.14	3.31	3.35	21.0	21.00	48.1	47.25	3.62	3.56	26.68	26.58	27	32
M3	4/1/2025	Mid-Flood	Cloudy	Low	17:28	2.1	M	1.05	2			7.13		3.38		21		46.4		3.49		26.48		36	
M1	4/1/2025	Mid-Ebb	Cloudy	Low	11:59	2.5	M	1.25	1	0.079	326.788	7.13	7.13	2.69	2.67	21.4	21.45	36.6	37.30	2.75	2.81	19.94	19.97	26	27
M1	4/1/2025	Mid-Ebb	Cloudy	Low	11:59	2.5	M	1.25	2			7.12		2.64		21.5		38.0		2.86		20		27	
M2	4/1/2025	Mid-Ebb	Cloudy	Low	11:30	2.3	M	1.15	1	0.069	314.104	7.2	7.20	2.71	2.67	21.4	21.40	35.1	34.70	2.64	2.61	19.56	19.36	23	24
M2	4/1/2025	Mid-Ebb	Cloudy	Low	11:30	2.3	M	1.15	2			7.19		2.63		21.4		34.3		2.58		19.16		25	
M3	4/1/2025	Mid-Ebb	Cloudy	Low	12:14	2	M	1.00	1	0.058	333.25	7.2	7.20	3.34	3.38	21.4	21.45	48.1	48.85	3.62	3.68	27.55	27.425	57	53
M3	4/1/2025	Mid-Ebb	Cloudy	Low	12:14	2	M	1.00	2			7.19		3.41		21.5		49.6		3.73		27.3		48	

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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 Polishing
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	7/1/2025	Mid-Flood	Cloudy	Low	9:05	2.7	M	1.35	1	0.09	163.074	7.14	7.13	2.74	2.75	20.9	20.90	33.4	33.20	2.51	2.50	20.69	20.78	16	17
M1	7/1/2025	Mid-Flood	Cloudy	Low	9:05	2.7	M	1.35	2			7.12		2.75		20.9		33.0		2.48		20.87		18	
M2	7/1/2025	Mid-Flood	Cloudy	Low	9:36	2.5	M	1.25	1	0.078	181.183	7.19	7.19	2.85	2.85	20.9	20.95	36.3	35.30	2.73	2.66	21.90	21.855	19	20
M2	7/1/2025	Mid-Flood	Cloudy	Low	9:36	2.5	M	1.25	2			7.18		2.85		21		34.3		2.58		21.81		21	
M3	7/1/2025	Mid-Flood	Cloudy	Low	9:48	2.1	M	1.05	1	0.089	166.784	7.18	7.19	3.26	3.25	20.9	20.90	53.1	52.50	3.99	3.95	28.60	28.58	22	22
M3	7/1/2025	Mid-Flood	Cloudy	Low	9:48	2.1	M	1.05	2			7.19		3.23		20.9		51.9		3.9		28.56		22	
M1	7/1/2025	Mid-Ebb	Cloudy	Low	13:40	2.6	M	1.30	1	0.063	326.478	7.17	7.16	2.68	2.70	21.0	21.00	34.7	35.05	2.61	2.64	19.85	19.68	19	20
M1	7/1/2025	Mid-Ebb	Cloudy	Low	13:40	2.6	M	1.30	2			7.15		2.71		21.0		35.4		2.66		19.51		20	
M2	7/1/2025	Mid-Ebb	Cloudy	Low	13:11	2.2	M	1.10	1	0.071	331.757	7.15	7.15	2.58	2.60	21.0	21.05	35.2	34.75	2.65	2.62	19.44	19.57	21	22
M2	7/1/2025	Mid-Ebb	Cloudy	Low	13:11	2.2	M	1.10	2			7.14		2.62		21.1		34.3		2.58		19.7		23	
M3	7/1/2025	Mid-Ebb	Cloudy	Low	13:56	2	M	1.00	1	0.065	341.242	7.13	7.13	3.33	3.36	21.0	21.00	53.6	53.40	4.03	4.02	27.26	27.15	18	19
M3	7/1/2025	Mid-Ebb	Cloudy	Low	13:56	2	M	1.00	2			7.12		3.38		21.0		53.2		4		27.04		20	

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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 Polishing
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	9/1/2025	Mid-Flood	Cloudy	Low	8:33	2.6	M	1.30	1	0.088	175.558	7.08	7.09	2.74	2.78	20.7	20.70	34.8	33.85	2.62	2.55	18.99	19.075	21	21
M1	9/1/2025	Mid-Flood	Cloudy	Low	8:33	2.6	M	1.30	2			7.09		2.81		20.7		32.9		2.47		19.16		21	
M2	9/1/2025	Mid-Flood	Cloudy	Low	9:03	2.3	M	1.15	1	0.074	167.09	7.09	7.09	2.84	2.89	20.7	20.75	37.0	37.30	2.78	2.81	20.98	21.115	29	26
M2	9/1/2025	Mid-Flood	Cloudy	Low	9:03	2.3	M	1.15	2			7.09		2.93		20.8		37.6		2.83		21.25		22	
M3	9/1/2025	Mid-Flood	Cloudy	Low	9:21	2.1	M	1.05	1	0.086	163.632	7.11	7.10	3.44	3.46	20.7	20.70	52.1	52.25	3.92	3.93	30.60	30.45	22	22
M3	9/1/2025	Mid-Flood	Cloudy	Low	9:21	2.1	M	1.05	2			7.09		3.47		20.7		52.4		3.94		30.3		22	
M1	9/1/2025	Mid-Ebb	Cloudy	Low	14:55	2.5	M	1.25	1	0.062	307.809	7.06	7.07	2.68	2.67	20.9	20.90	35.1	34.50	2.64	2.60	19.91	19.96	22	24
M1	9/1/2025	Mid-Ebb	Cloudy	Low	14:55	2.5	M	1.25	2			7.07		2.66		20.9		33.9		2.55		20.01		25	
M2	9/1/2025	Mid-Ebb	Cloudy	Low	14:24	2.2	M	1.10	1	0.074	331.061	7.07	7.07	2.62	2.59	20.9	20.95	35.6	35.15	2.68	2.65	19.31	19.19	23	23
M2	9/1/2025	Mid-Ebb	Cloudy	Low	14:24	2.2	M	1.10	2			7.06		2.55		21.0		34.7		2.61		19.07		22	
M3	9/1/2025	Mid-Ebb	Cloudy	Low	15:11	2	M	1.00	1	0.063	329.147	7.11	7.10	3.56	3.59	20.9	20.90	49.2	48.60	3.7	3.66	29.74	29.885	23	23
M3	9/1/2025	Mid-Ebb	Cloudy	Low	15:11	2	M	1.00	2			7.09		3.61		20.9		48.0		3.61		30.03		22	

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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 Polishing
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement														Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	11/1/2025	Mid-Flood	Cloudy	Low	11:25	2.6	M	1.30	1	0.093	162.085	7.15	7.16	2.88	2.89	21.6	21.60	33.6	34.10	2.54	2.47	22.95	22.89	2.5	3
M1	11/1/2025	Mid-Flood	Cloudy	Low	11:25	2.6	M	1.30	2			7.17		2.9		21.6		34.6		2.4		22.83		2.5	
M2	11/1/2025	Mid-Flood	Cloudy	Low	11:56	2.4	M	1.20	1	0.076	171.849	7.11	7.12	2.90	2.89	21.6	21.60	37.1	37.75	2.79	2.84	23.89	23.75	2.5	3
M2	11/1/2025	Mid-Flood	Cloudy	Low	11:56	2.4	M	1.20	2			7.13		2.88		21.6		38.4		2.89		23.61		2.5	
M3	11/1/2025	Mid-Flood	Cloudy	Low	12:08	2.1	M	1.05	1	0.087	176.726	7.14	7.13	3.27	3.29	21.6	21.65	50.8	51.05	3.82	3.84	31.61	31.57	2.5	3
M3	11/1/2025	Mid-Flood	Cloudy	Low	12:09	2.1	M	1.05	2			7.12		3.31		21.7		51.3		3.86		31.53		2.5	
M1	11/1/2025	Mid-Ebb	Cloudy	Low	16:37	2.5	M	1.25	1	0.079	337.737	7.16	7.16	2.69	2.68	21.7	21.70	37.0	37.60	2.78	2.83	21.88	21.995	2.5	3
M1	11/1/2025	Mid-Ebb	Cloudy	Low	16:37	2.5	M	1.25	2			7.16		2.66		21.7		38.2		2.87		22.11		2.5	
M2	11/1/2025	Mid-Ebb	Cloudy	Low	16:05	2.3	M	1.15	1	0.062	305.001	7.15	7.14	2.75	2.73	21.7	21.75	34.4	34.00	2.59	2.56	22.20	22.07	2.5	3
M2	11/1/2025	Mid-Ebb	Cloudy	Low	16:05	2.3	M	1.15	2			7.13		2.7		21.8		33.6		2.53		21.94		2.5	
M3	11/1/2025	Mid-Ebb	Cloudy	Low	16:55	2	M	1.00	1	0.071	338.019	7.2	7.20	3.44	3.43	21.7	21.75	49.7	49.10	3.74	3.70	32.96	33.015	2.5	3
M3	11/1/2025	Mid-Ebb	Cloudy	Low	16:55	2	M	1.00	2			7.2		3.42		21.8		48.5		3.65		33.07		2.5	

Remark

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

For Flood Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M2(Impact Station)	1.88	1.79	43.0	52.4	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 Polishing
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	14/1/2025	Mid-Flood	Cloudy	Low	13:28	2.6	M	1.30	1	0.081	181.887	7.18	7.17	3.12	3.11	21.5	21.50	36.7	36.90	2.76	2.78	21.48	21.405	24	26
M1	14/1/2025	Mid-Flood	Cloudy	Low	13:28	2.6	M	1.30	2			7.16		3.09		21.5		37.1		2.79		21.33		27	
M2	14/1/2025	Mid-Flood	Cloudy	Low	13:58	2.5	M	1.25	1	0.08	164.406	7.13	7.14	3.15	3.16	21.5	21.50	34.8	35.50	2.62	2.67	21.94	21.75	25	28
M2	14/1/2025	Mid-Flood	Cloudy	Low	13:58	2.5	M	1.25	2			7.15		3.16		21.5		36.2		2.72		21.56		31	
M3	14/1/2025	Mid-Flood	Cloudy	Low	14:11	2.1	M	1.05	1	0.089	178.896	7.21	7.21	3.48	3.45	21.5	21.55	48.9	49.05	3.68	3.69	30.82	30.755	36	34
M3	14/1/2025	Mid-Flood	Cloudy	Low	14:11	2.1	M	1.05	2			7.2		3.41		21.6		49.2		3.7		30.69		31	
M1	14/1/2025	Mid-Ebb	Cloudy	Low	9:26	2.5	M	1.25	1	0.061	326.756	7.19	7.20	2.99	2.96	21.3	21.30	37.6	38.00	2.83	2.86	19.94	20.08	34	33
M1	14/1/2025	Mid-Ebb	Cloudy	Low	9:26	2.5	M	1.25	2			7.2		2.93		21.3		38.4		2.89		20.22		32	
M2	14/1/2025	Mid-Ebb	Cloudy	Low	8:50	2.2	M	1.10	1	0.076	312.721	7.15	7.15	2.83	2.79	21.3	21.30	34.4	34.90	2.59	2.63	19.00	18.855	36	39
M2	14/1/2025	Mid-Ebb	Cloudy	Low	8:51	2.2	M	1.10	2			7.15		2.75		21.3		35.4		2.66		18.71		41	
M3	14/1/2025	Mid-Ebb	Cloudy	Low	9:37	2	M	1.00	1	0.062	310.076	7.15	7.15	3.55	3.53	21.3	21.35	50.5	49.85	3.8	3.75	29.55	29.4	23	25
M3	14/1/2025	Mid-Ebb	Cloudy	Low	9:37	2	M	1.00	2			7.15		3.5		21.4		49.2		3.7		29.25		27	

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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 Polishing
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	16/1/2025	Mid-Flood	Cloudy	Low	14:41	2.8	M	1.40	1	0.085	176.07	7.14	7.15	2.73	2.75	20.6	20.60	36.0	35.55	2.71	2.68	21.90	21.82	32	30
M1	16/1/2025	Mid-Flood	Cloudy	Low	14:41	2.8	M	1.40	2			7.15		2.76		20.6		35.1		2.64		21.74		28	
M2	16/1/2025	Mid-Flood	Cloudy	Low	15:08	2.5	M	1.25	1	0.073	161.82	7.2	7.21	2.76	2.80	20.6	20.60	35.2	34.80	2.65	2.62	21.90	21.785	29	29
M2	16/1/2025	Mid-Flood	Cloudy	Low	15:08	2.5	M	1.25	2			7.21		2.84		20.6		34.4		2.59		21.67		28	
M3	16/1/2025	Mid-Flood	Cloudy	Low	15:20	2.1	M	1.05	1	0.089	161.755	7.18	7.17	3.32	3.33	20.6	20.60	48.9	48.65	3.68	3.66	30.82	30.8	27	25
M3	16/1/2025	Mid-Flood	Cloudy	Low	15:20	2.1	M	1.05	2			7.16		3.33		20.6		48.4		3.64		30.78		22	
M1	16/1/2025	Mid-Ebb	Cloudy	Low	10:28	2.6	M	1.30	1	0.078	341.046	7.11	7.11	2.59	2.57	20.5	20.55	34.7	34.00	2.61	2.56	19.92	20.065	27	27
M1	16/1/2025	Mid-Ebb	Cloudy	Low	10:28	2.6	M	1.30	2			7.11		2.55		20.6		33.3		2.5		20.21		27	
M2	16/1/2025	Mid-Ebb	Cloudy	Low	9:56	2.2	M	1.10	1	0.062	329.459	7.2	7.19	2.57	2.60	20.5	20.50	34.0	33.50	2.56	2.52	19.02	19.135	31	29
M2	16/1/2025	Mid-Ebb	Cloudy	Low	9:56	2.2	M	1.10	2			7.18		2.62		20.5		33.0		2.48		19.25		26	
M3	16/1/2025	Mid-Ebb	Cloudy	Low	10:43	2	M	1.00	1	0.065	316.973	7.16	7.16	3.47	3.49	20.5	20.55	49.2	49.40	3.7	3.72	29.79	29.96	45	47
M3	16/1/2025	Mid-Ebb	Cloudy	Low	10:44	2	M	1.00	2			7.16		3.5		20.6		49.6		3.73		30.13		48	

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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 Polishing
Water Quality Monitoring Results

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	18/1/2025	Mid-Flood	Sunny	Low	16:04	2.5	M	1.25	1	0.09	176.028	7.04	7.05	2.86	2.86	21.5	21.55	36.2	36.85	2.72	2.77	18.55	18.575	56	49
M1	18/1/2025	Mid-Flood	Sunny	Low	16:04	2.5	M	1.25	2			7.05		2.86		21.6		37.5		2.82		18.6		42	
M2	18/1/2025	Mid-Flood	Sunny	Low	16:37	2.3	M	1.15	1	0.091	178.398	7.05	7.06	2.86	2.86	21.5	21.50	37.0	37.45	2.78	2.82	26.51	26.36	39	38
M2	18/1/2025	Mid-Flood	Sunny	Low	16:37	2.3	M	1.15	2			7.07		2.86		21.5		37.9		2.85		26.21		36	
M3	18/1/2025	Mid-Flood	Sunny	Low	16:51	2	M	1.00	1	0.087	169.719	7.09	7.08	3.55	3.52	21.5	21.55	51.9	51.50	3.9	3.87	24.59	24.395	37	38
M3	18/1/2025	Mid-Flood	Sunny	Low	16:51	2	M	1.00	2			7.07		3.49		21.6		51.1		3.84		24.2		39	
M1	18/1/2025	Mid-Ebb	Sunny	Low	11:26	2.5	M	1.25	1	0.058	336.923	7.07	7.08	2.61	2.64	21.7	21.70	35.4	35.00	2.66	2.63	16.55	16.475	43	39
M1	18/1/2025	Mid-Ebb	Sunny	Low	11:26	2.5	M	1.25	2			7.08		2.67		21.7		34.6		2.6		16.4		34	
M2	18/1/2025	Mid-Ebb	Sunny	Low	10:50	2.3	M	1.15	1	0.065	320.34	7.06	7.07	2.56	2.57	21.7	21.70	33.6	32.85	2.53	2.47	17.08	17.195	46	46
M2	18/1/2025	Mid-Ebb	Sunny	Low	10:50	2.3	M	1.15	2			7.07		2.58		21.7		32.1		2.41		17.31		45	
M3	18/1/2025	Mid-Ebb	Sunny	Low	11:40	2	M	1.00	1	0.077	301.105	7.12	7.13	3.67	3.71	21.7	21.75	53.3	54.05	4.01	4.07	25.69	25.61	40	45
M3	18/1/2025	Mid-Ebb	Sunny	Low	11:40	2	M	1.00	2			7.13		3.74		21.8		54.8		4.12		25.53		50	

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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 Polishing
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	21/1/2025	Mid-Flood	Cloudy	Low	18:05	2.6	M	1.30	1	0.085	168.47	7.12	7.13	2.88	2.84	21.1	21.15	35.0	34.90	2.63	2.63	21.02	21.1	21	21
M1	21/1/2025	Mid-Flood	Cloudy	Low	18:05	2.6	M	1.30	2			7.13		2.8		21.2		34.8		2.62		21.18		20	
M2	21/1/2025	Mid-Flood	Cloudy	Low	18:36	2.4	M	1.20	1	0.074	190.481	7.19	7.20	2.78	2.76	21.1	21.10	35.8	34.90	2.69	2.63	21.97	22.045	17	18
M2	21/1/2025	Mid-Flood	Cloudy	Low	18:36	2.4	M	1.20	2			7.21		2.74		21.1		34.0		2.56		22.12		18	
M3	21/1/2025	Mid-Flood	Cloudy	Low	18:53	2.1	M	1.05	1	0.093	169.35	7.14	7.13	3.20	3.16	21.1	21.10	49.1	48.15	3.69	3.62	30.66	30.71	19	19
M3	21/1/2025	Mid-Flood	Cloudy	Low	18:53	2.1	M	1.05	2			7.12		3.11		21.1		47.2		3.55		30.76		19	
M1	21/1/2025	Mid-Ebb	Cloudy	Low	12:28	2.5	M	1.25	1	0.068	309.405	7.14	7.15	2.62	2.58	21.3	21.30	35.4	35.90	2.66	2.70	19.83	19.905	16	17
M1	21/1/2025	Mid-Ebb	Cloudy	Low	12:28	2.5	M	1.25	2			7.15		2.53		21.3		36.4		2.74		19.98		17	
M2	21/1/2025	Mid-Ebb	Cloudy	Low	11:52	2.3	M	1.15	1	0.073	342.659	7.11	7.12	2.75	2.71	21.3	21.35	35.2	35.70	2.65	2.69	19.41	19.345	22	22
M2	21/1/2025	Mid-Ebb	Cloudy	Low	11:52	2.3	M	1.15	2			7.12		2.66		21.4		36.2		2.72		19.28		22	
M3	21/1/2025	Mid-Ebb	Cloudy	Low	12:39	2	M	1.00	1	0.066	306.248	7.19	7.19	3.44	3.46	21.3	21.30	50.7	49.75	3.81	3.74	29.13	29.1	18	19
M3	21/1/2025	Mid-Ebb	Cloudy	Low	12:39	2	M	1.00	2			7.19		3.47		21.3		48.8		3.67		29.07		20	

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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 Polishing
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	23/1/2025	Mid-Flood	Cloudy	Low	8:54	2.5	M	1.25	1	0.08	162.869	7.12	7.13	2.76	2.75	20.9	20.95	37.0	36.60	2.78	2.75	20.77	20.7	27	26
M1	23/1/2025	Mid-Flood	Cloudy	Low	8:55	2.5	M	1.25	2			7.13		2.73		21		36.2		2.72		20.63		25	
M2	23/1/2025	Mid-Flood	Cloudy	Low	9:28	2.2	M	1.10	1	0.08	166.765	7.13	7.13	2.71	2.69	20.9	20.90	36.7	35.75	2.76	2.69	21.91	21.7	32	24
M2	23/1/2025	Mid-Flood	Cloudy	Low	9:28	2.2	M	1.10	2			7.12		2.66		20.9		34.8		2.62		21.49		16	
M3	23/1/2025	Mid-Flood	Cloudy	Low	9:44	2	M	1.00	1	0.087	167.544	7.17	7.16	3.24	3.27	20.9	20.95	53.1	52.35	3.99	3.94	30.68	30.56	23	25
M3	23/1/2025	Mid-Flood	Cloudy	Low	9:44	2	M	1.00	2			7.15		3.29		21		51.6		3.88		30.44		26	
M1	23/1/2025	Mid-Ebb	Cloudy	Low	13:38	2.4	M	1.20	1	0.063	322.609	7.11	7.11	2.70	2.69	21.0	21.00	36.6	36.60	2.75	2.75	19.86	19.985	27	26
M1	23/1/2025	Mid-Ebb	Cloudy	Low	13:38	2.4	M	1.20	2			7.11		2.67		21.0		36.6		2.75		20.11		24	
M2	23/1/2025	Mid-Ebb	Cloudy	Low	13:04	2.1	M	1.05	1	0.062	340.663	7.12	7.11	2.61	2.57	21.0	21.05	37.5	37.15	2.82	2.80	19.26	19.37	24	26
M2	23/1/2025	Mid-Ebb	Cloudy	Low	13:04	2.1	M	1.05	2			7.1		2.52		21.1		36.8		2.77		19.48		27	
M3	23/1/2025	Mid-Ebb	Cloudy	Low	13:49	1.8	M	0.90	1	0.059	307.715	7.18	7.19	3.44	3.42	21.0	21.00	54.4	53.80	4.09	4.05	29.37	29.5	27	27
M3	23/1/2025	Mid-Ebb	Cloudy	Low	13:49	1.8	M	0.90	2			7.2		3.4		21.0		53.2		4		29.63		26	

Remark

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

For Flood Tide

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

For Ebb Tide

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

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

Monitoring Location	Date	Tide Mode	Weather	Sea Condition	Time	Water Depth (m)	Monitoring Level	Monitoring Level (m)	Replicate	In-situ Measurement												Laboratory Analysis	
										Current Speed (m/s)	Current Direction (°)	pH		Salinity (ppt)		Temperature (degree C)		DO Saturation (%)		DO (mg/L)		Turbidity (NTU)		Total Suspended Solids (mg/L)	
												Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.	Value	Ave.
M1	25/1/2025	Mid-Flood	Sunny	Low	10:58	2.8	M	1.40	1	0.088	190.513	7.2	7.21	2.99	2.99	21.6	21.60	35.9	36.35	2.7	2.74	21.51	21.425	2.5	3
M1	25/1/2025	Mid-Flood	Sunny	Low	10:59	2.8	M	1.40	2			7.21		2.99		21.6		36.8		2.77		21.34		2.5	
M2	25/1/2025	Mid-Flood	Sunny	Low	11:33	2.5	M	1.25	1	0.087	166.021	7.21	7.22	3.05	3.05	21.6	21.65	37.5	38.05	2.82	2.86	21.92	21.89	2.5	3
M2	25/1/2025	Mid-Flood	Sunny	Low	11:33	2.5	M	1.25	2			7.22		3.05		21.7		38.6		2.9		21.86		2.5	
M3	25/1/2025	Mid-Flood	Sunny	Low	11:49	2.1	M	1.05	1	0.084	187.407	7.24	7.25	4.25	4.22	21.6	21.65	50.0	49.65	3.76	3.74	32.24	32.26	2.5	3
M3	25/1/2025	Mid-Flood	Sunny	Low	11:50	2.1	M	1.05	2			7.26		4.19		21.7		49.3		3.71		32.28		2.5	
M1	25/1/2025	Mid-Ebb	Sunny	Low	9:36	2.6	M	1.30	1	0.081	302.036	7.16	7.16	2.96	3.01	21.6	21.65	35.2	35.95	2.65	2.71	22.88	21.53	2.5	3
M1	25/1/2025	Mid-Ebb	Sunny	Low	9:36	2.6	M	1.30	2			7.16		3.05		21.7		36.7		2.76		20.18		2.5	
M2	25/1/2025	Mid-Ebb	Sunny	Low	8:59	2.2	M	1.10	1	0.073	326.17	7.18	7.17	3.08	3.06	21.6	21.60	34.7	34.35	2.61	2.59	21.59	20.745	2.5	3
M2	25/1/2025	Mid-Ebb	Sunny	Low	9:00	2.2	M	1.10	2			7.16		3.04		21.6		34.0		2.56		19.9		2.5	
M3	25/1/2025	Mid-Ebb	Sunny	Low	9:51	2	M	1.00	1	0.074	325.14	7.23	7.24	4.11	4.11	21.6	21.60	50.4	50.35	3.79	3.79	31.28	31.36	2.5	3
M3	25/1/2025	Mid-Ebb	Sunny	Low	9:51	2	M	1.00	2			7.24		4.11		21.6		50.3		3.78		31.44		2.5	

Remark

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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 Polishing
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	28/1/2025	Mid-Flood	Sunny	Low	12:54	2.5	M	1.25	1	0.079	162.416	7.16	7.17	3.61	3.65	21.9	21.90	36.7	36.75	2.76	2.77	25.88	25.675	2.5	3
M1	28/1/2025	Mid-Flood	Sunny	Low	12:54	2.5	M	1.25	2			7.18		3.68		21.9		36.8		2.77		25.47		2.5	
M2	28/1/2025	Mid-Flood	Sunny	Low	13:28	2.2	M	1.10	1	0.077	186.229	7.18	7.18	3.77	3.79	21.9	21.95	35.4	34.60	2.66	2.60	25.97	26.02	2.5	3
M2	28/1/2025	Mid-Flood	Sunny	Low	13:28	2.2	M	1.10	2			7.17		3.81		22		33.8		2.54		26.07		2.5	
M3	28/1/2025	Mid-Flood	Sunny	Low	13:45	2	M	1.00	1	0.095	174.9	7.17	7.18	4.69	4.67	21.9	21.90	48.1	48.25	3.62	3.63	36.77	36.71	3	3
M3	28/1/2025	Mid-Flood	Sunny	Low	13:45	2	M	1.00	2			7.19		4.65		21.9		48.4		3.64		36.65		2.5	
M1	28/1/2025	Mid-Ebb	Sunny	Low	8:42	2.5	M	1.25	1	0.07	337.33	7.11	7.11	3.22	3.23	21.8	21.80	36.0	36.00	2.71	2.71	24.91	24.73	2.5	3
M1	28/1/2025	Mid-Ebb	Sunny	Low	8:43	2.5	M	1.25	2			7.11		3.24		21.8		36.0		2.71		24.55		2.5	
M2	28/1/2025	Mid-Ebb	Sunny	Low	8:06	2.1	M	1.05	1	0.075	302.86	7.14	7.14	3.35	3.38	21.8	21.80	35.6	35.75	2.68	2.69	25.28	25.415	2.5	3
M2	28/1/2025	Mid-Ebb	Sunny	Low	8:06	2.1	M	1.05	2			7.13		3.41		21.8		35.9		2.7		25.55		2.5	
M3	28/1/2025	Mid-Ebb	Sunny	Low	8:55	1.9	M	0.95	1	0.073	301.757	7.17	7.17	4.88	4.92	21.8	21.80	50.0	49.15	3.76	3.70	37.00	36.815	2.5	3
M3	28/1/2025	Mid-Ebb	Sunny	Low	8:55	1.9	M	0.95	2			7.17		4.95		21.8		48.3		3.63		36.63		2.5	

Remark

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

For Flood Tide

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

For Ebb Tide

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

Contract No. SPW 02/2023 Environmental Team for Construction of Yuen Long Effluent Polishing
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	30/1/2025	Mid-Flood	Sunny	Low	14:12	2.5	M	1.25	1	0.076	182.448	7.12	7.12	2.79	2.77	21.1	21.10	39.8	39.70	2.99	2.99	21.84	21.98	2.5	3
M1	30/1/2025	Mid-Flood	Sunny	Low	14:12	2.5	M	1.25	2			7.12		2.75		21.1		39.6		2.98		22.12		2.5	
M2	30/1/2025	Mid-Flood	Sunny	Low	14:49	2.2	M	1.10	1	0.092	162.183	7.2	7.21	2.78	2.76	21.1	21.10	40.8	40.20	3.07	3.03	23.55	23.725	2.5	3
M2	30/1/2025	Mid-Flood	Sunny	Low	14:49	2.2	M	1.10	2			7.21		2.74		21.1		39.6		2.98		23.9		2.5	
M3	30/1/2025	Mid-Flood	Sunny	Low	15:03	2	M	1.00	1	0.084	172.191	7.2	7.21	3.23	3.20	21.1	21.15	54.5	54.00	4.1	4.06	34.83	34.675	2.5	3
M3	30/1/2025	Mid-Flood	Sunny	Low	15:03	2	M	1.00	2			7.21		3.17		21.2		53.5		4.02		34.52		2.5	
M1	30/1/2025	Mid-Ebb	Sunny	Low	9:41	2.5	M	1.25	1	0.067	341.723	7.19	7.20	2.63	2.66	21.0	21.00	39.5	39.45	2.97	2.97	19.84	19.75	2.5	3
M1	30/1/2025	Mid-Ebb	Sunny	Low	9:41	2.5	M	1.25	2			7.21		2.68		21.0		39.4		2.96		19.66		2.5	
M2	30/1/2025	Mid-Ebb	Sunny	Low	9:07	2.2	M	1.10	1	0.079	305.896	7.17	7.18	2.72	2.75	21.0	21.00	40.3	40.35	3.03	3.04	21.55	21.655	2.5	3
M2	30/1/2025	Mid-Ebb	Sunny	Low	9:08	2.2	M	1.10	2			7.18		2.78		21.0		40.4		3.04		21.76		2.5	
M3	30/1/2025	Mid-Ebb	Sunny	Low	9:56	1.9	M	0.95	1	0.076	308.26	7.11	7.11	3.51	3.55	21.0	21.00	56.9	57.65	4.28	4.34	36.74	36.575	2.5	3
M3	30/1/2025	Mid-Ebb	Sunny	Low	9:56	1.9	M	0.95	2			7.11		3.58		21.0		58.4		4.39		36.41		2.5	

Remark

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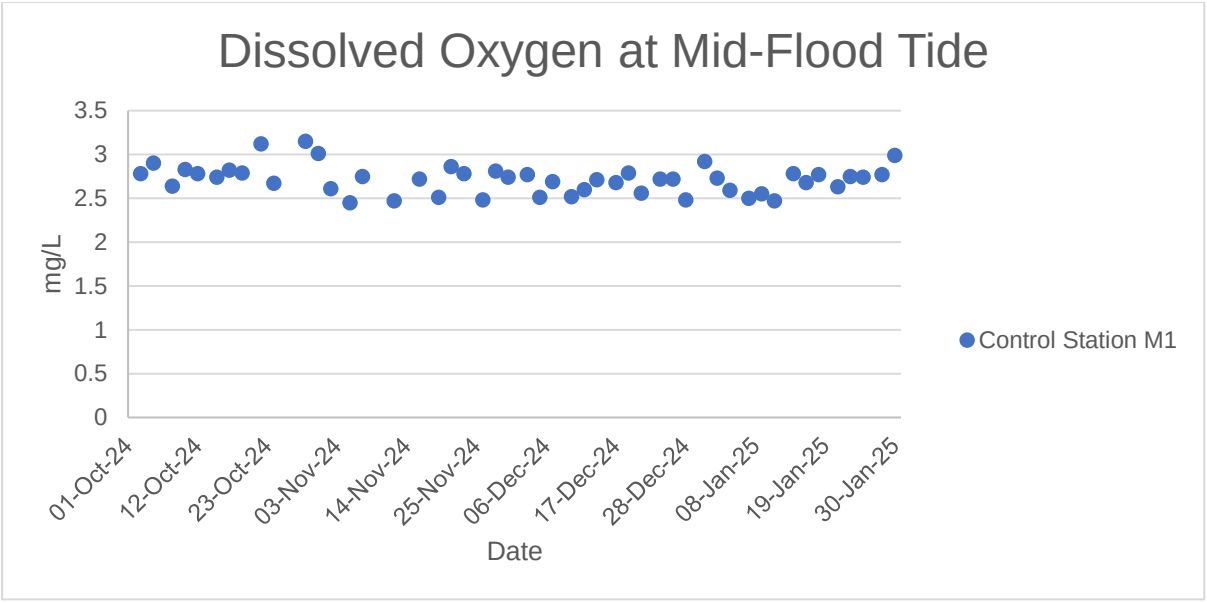
For Flood Tide

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

For Ebb Tide

Monitoring Location	DO		NTU		SS	
	AL	LL	AL	LL	AL	LL
M1(Impact Station)	2.25	1.91	48.4	50.4	59	68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mg/L
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2.5
2
1.5
1
0.5
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23-Oct-24
03-Nov-24
14-Nov-24
25-Nov-24
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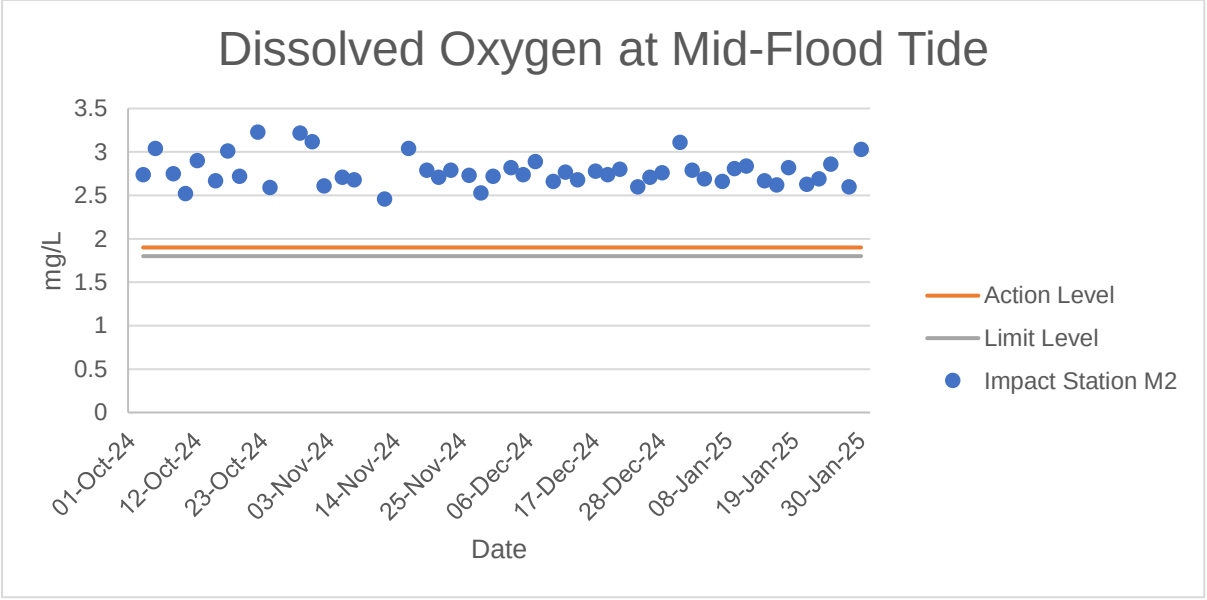
17-Dec-24
28-Dec-24
08-Jan-25
19-Jan-25
30-Jan-25
Date
Control Station M1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mg/L
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3
2.5
2
1.5
1
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01-Oct-24
12-Oct-24
23-Oct-24
03-Nov-24
14-Nov-24
25-Nov-24
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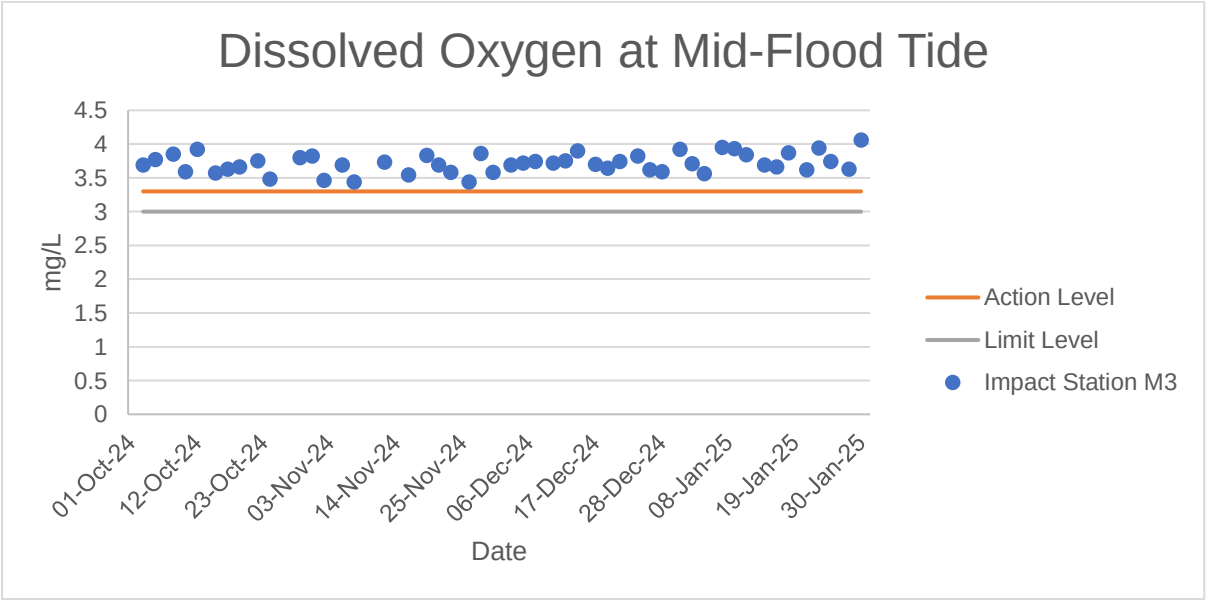
08-Jan-25
19-Jan-25
30-Jan-25
Date
Action Level
Limit Level
Impact Station M2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mg/L
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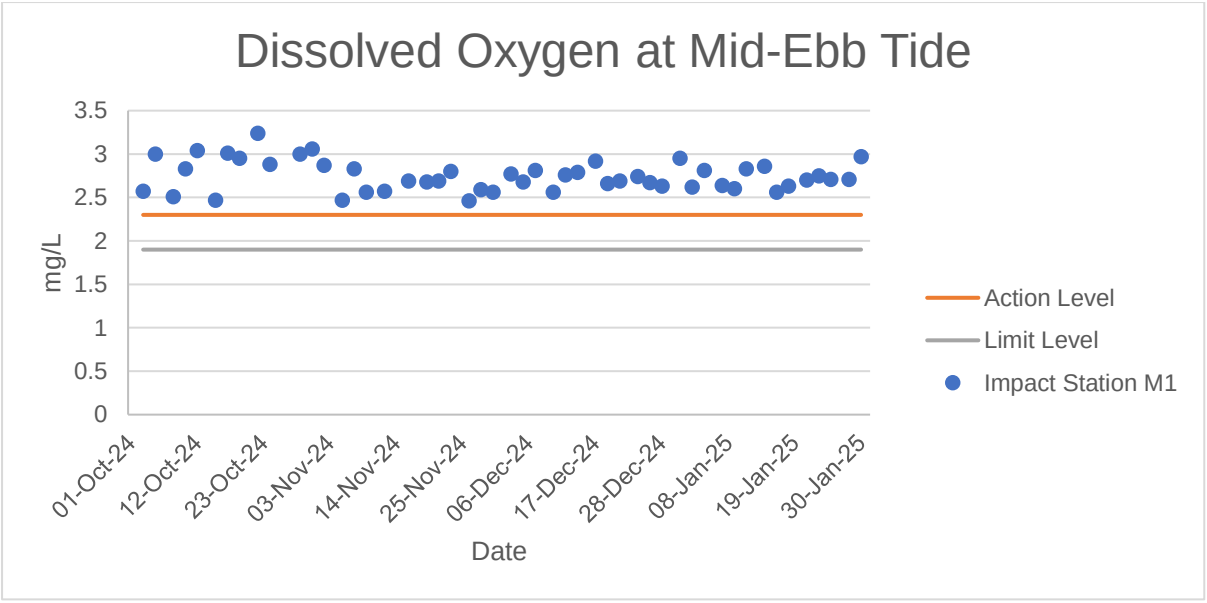
4
3.5
3
2.5
2
1.5
1
0.5
0
01-Oct-24
12-Oct-24
23-Oct-24
03-Nov-24
14-Nov-24
25-Nov-24
06-Dec-24
17-Dec-24
28-Dec-24
08-Jan-25
19-Jan-25
30-Jan-25
Date
Action Level
Limit Level
Impact Station M3


Dissolved Oxygen at Mid-Ebb Tide
mg/L
3.5
3
2.5
2
1.5
1
0.5
0
01-Oct-24
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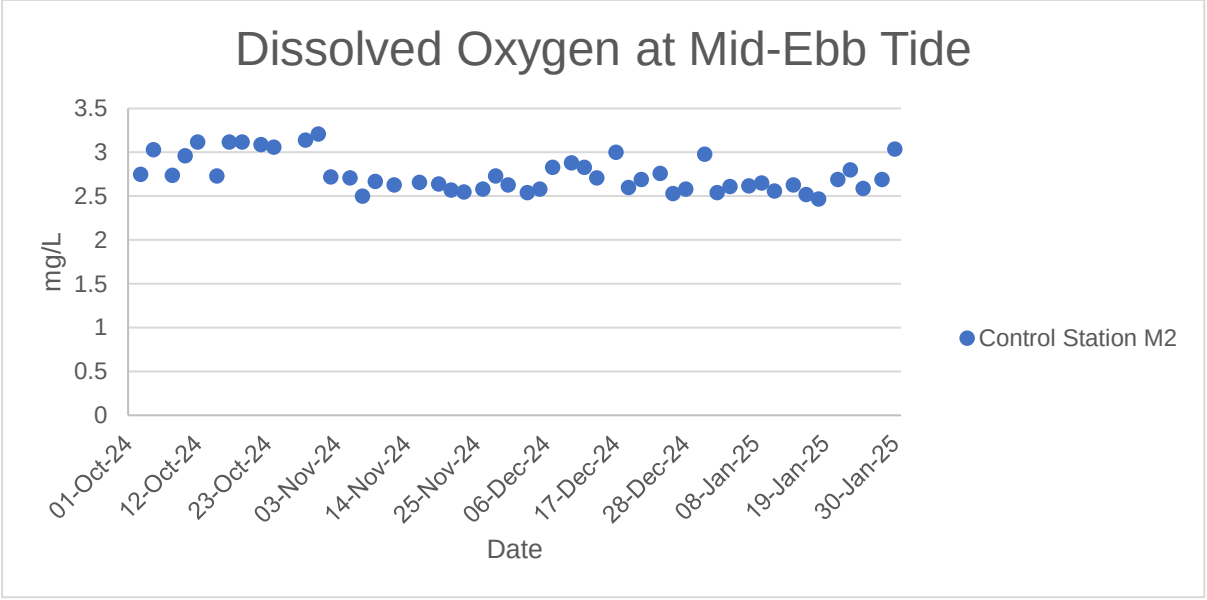
23-Oct-24
03-Nov-24
14-Nov-24
25-Nov-24
06-Dec-24
17-Dec-24
28-Dec-24
08-Jan-25
19-Jan-25
30-Jan-25
Date
Action Level
Limit Level
Impact Station M1


Dissolved Oxygen at Mid-Ebb Tide
mg/L
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3
2.5
2
1.5
1
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01-Oct-24
12-Oct-24
23-Oct-24
03-Nov-24
14-Nov-24
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28-Dec-24
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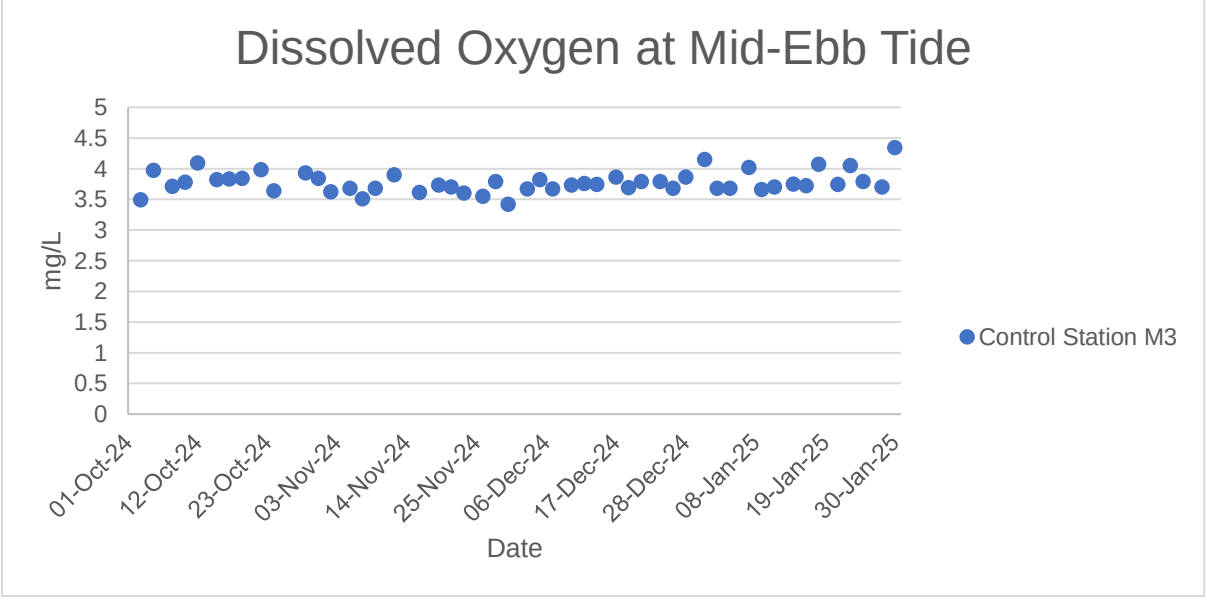
19-Jan-25
30-Jan-25
Date
Control Station M2


Dissolved Oxygen at Mid-Ebb Tide
mg/L
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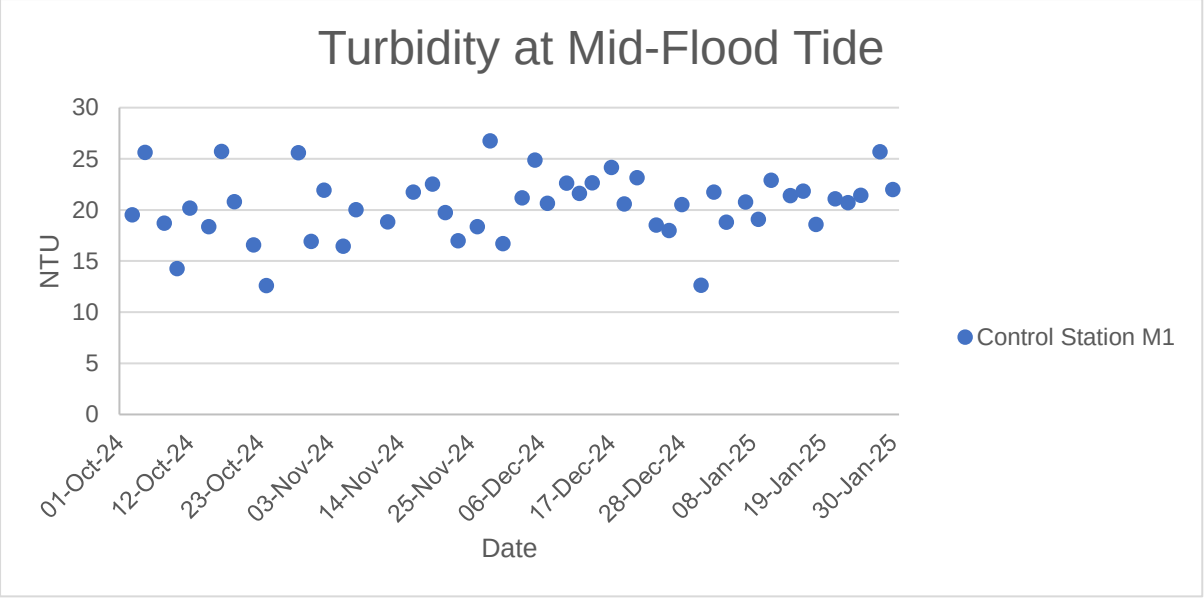
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
01-Oct-24
12-Oct-24
23-Oct-24
03-Nov-24
14-Nov-24
25-Nov-24
06-Dec-24
17-Dec-24
28-Dec-24
08-Jan-25
19-Jan-25
30-Jan-25
Date
Control Station M3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NTU
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25
20
15
10
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12-Oct-24
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03-Nov-24
14-Nov-24
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06-Dec-24
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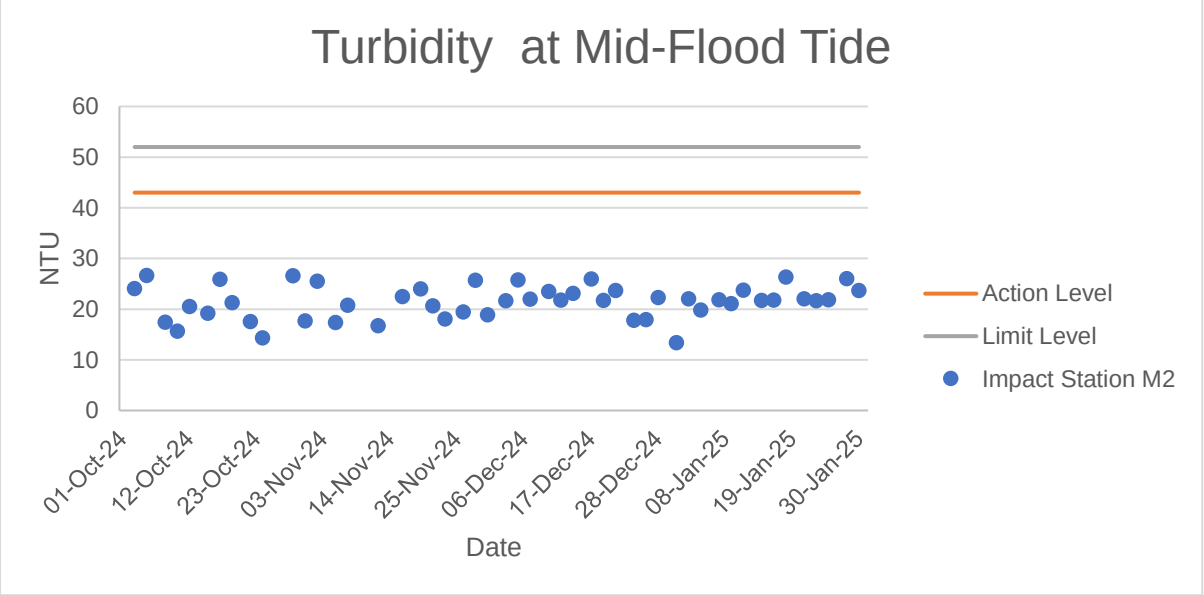
08-Jan-25
19-Jan-25
30-Jan-25
Date
Control Station M1


Turbidity at Mid-Flood Tide
NTU
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50
40
30
20
10
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01-Oct-24
12-Oct-24
23-Oct-24
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14-Nov-24
25-Nov-24
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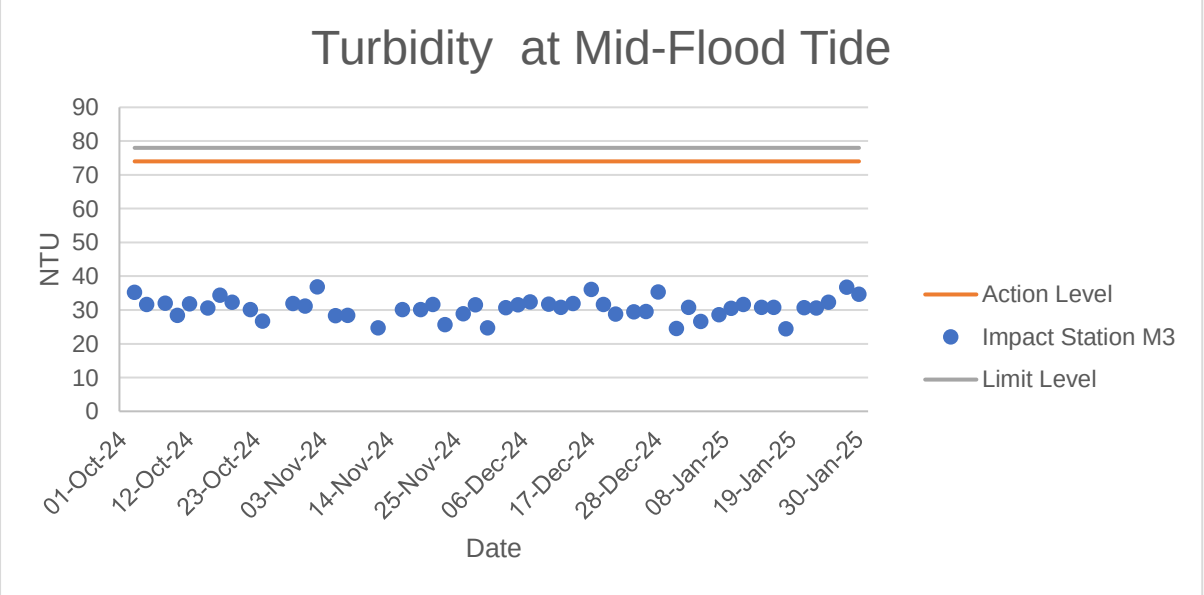
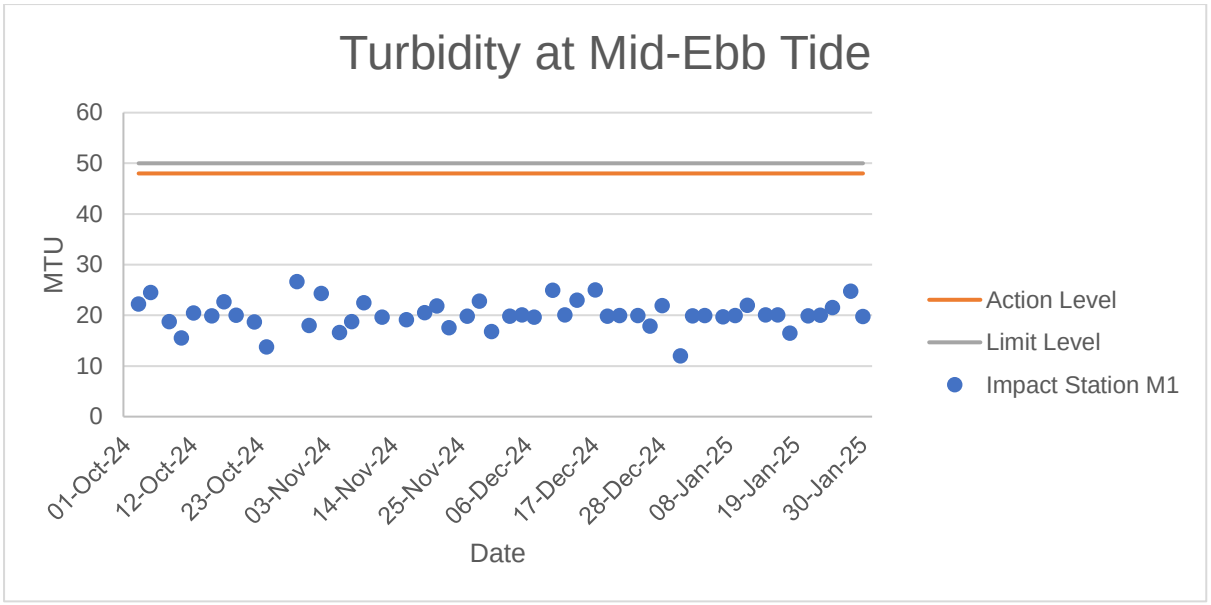
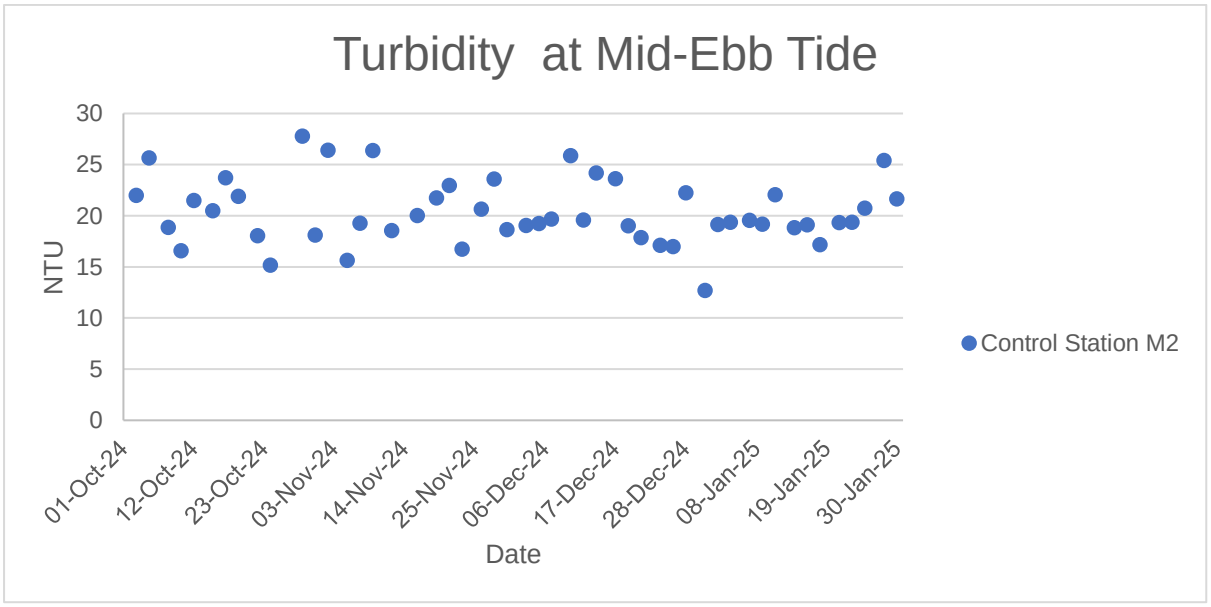
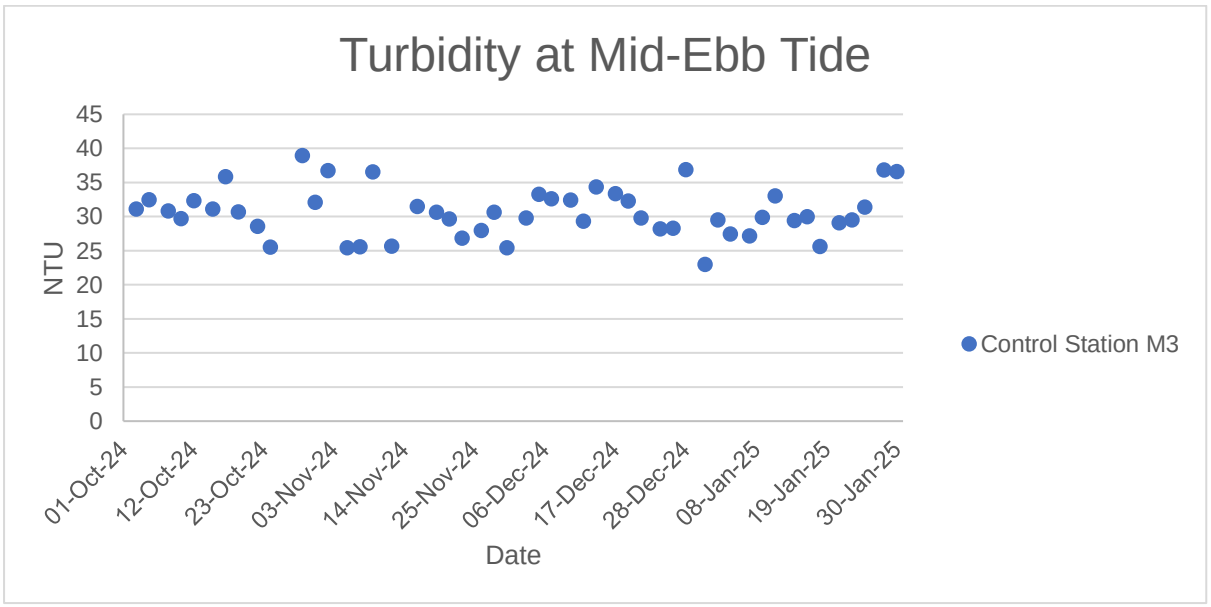
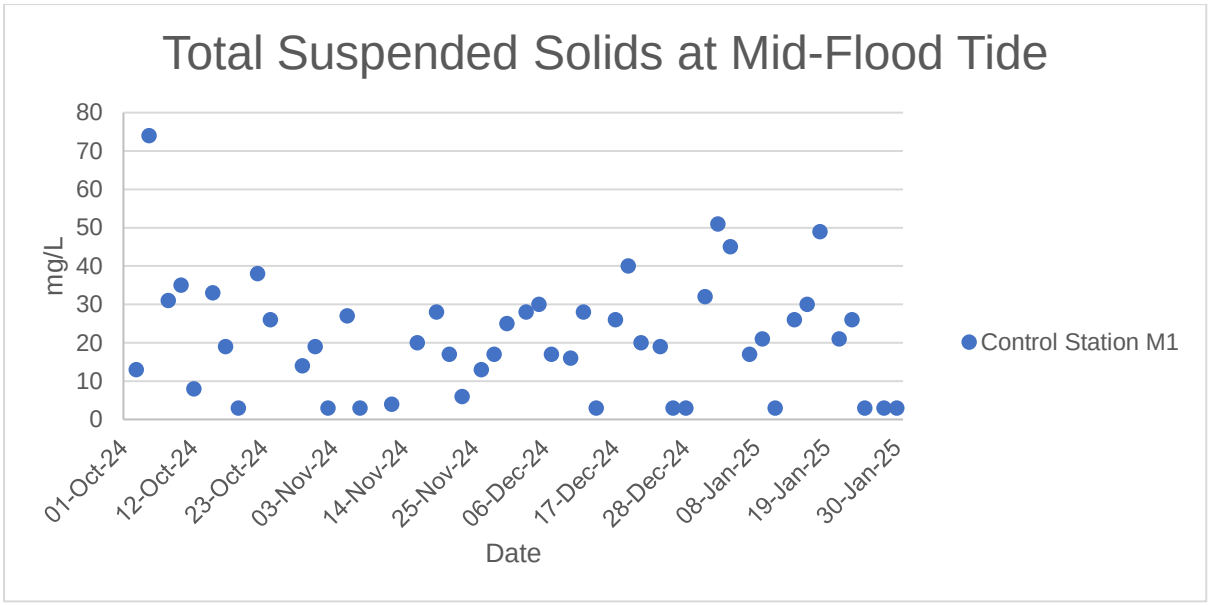
19-Jan-25
30-Jan-25
Date
Action Level
Limit Level
Impact Station M2

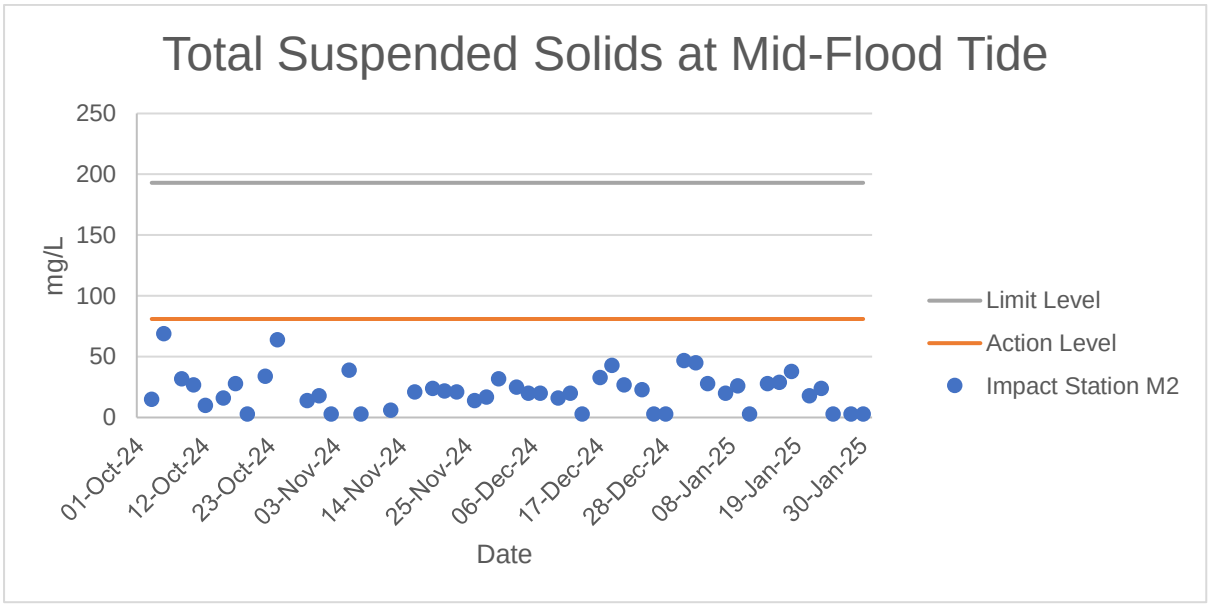

Turbidity at Mid-Flood Tide
NTU
90
80
70
60
50
40
30
20
10
0
01-Oct-24
12-Oct-24
23-Oct-24
03-Nov-24
14-Nov-24
25-Nov-24
06-Dec-24
17-Dec-24
28-Dec-24
08-Jan-25
19-Jan-25
30-Jan-25
Date
Action Level
Impact Station M3
Limit Level

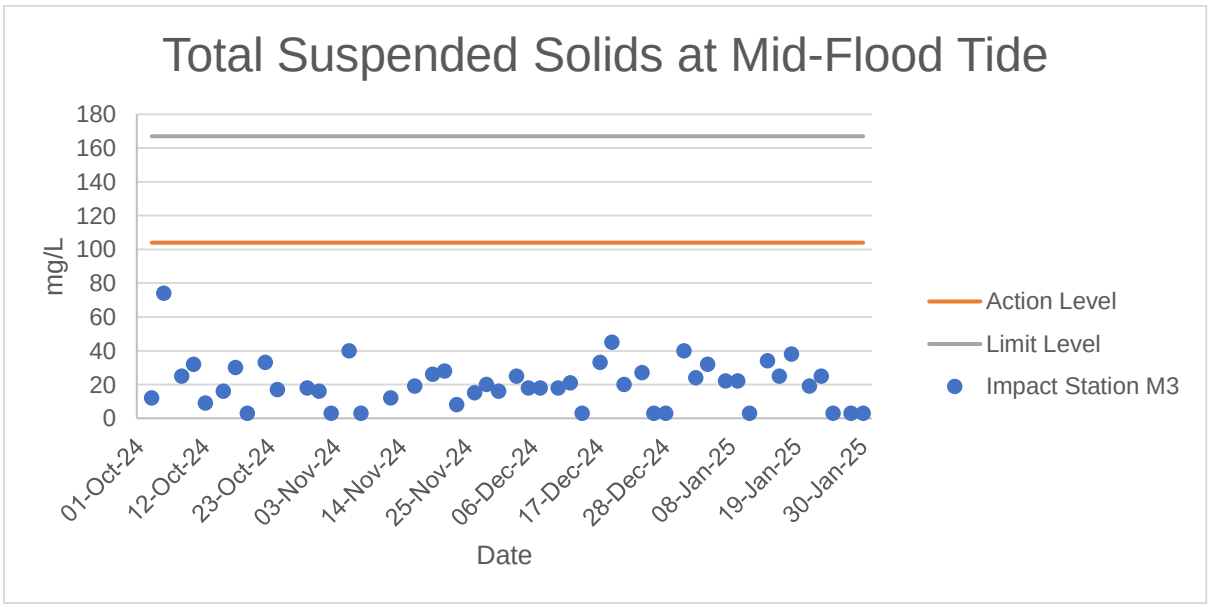

Turbidity at Mid-Ebb Tide
MTU
60
50
40
30
20
10
0
01-Oct-24
12-Oct-24
23-Oct-24
03-Nov-24
14-Nov-24
25-Nov-24
06-Dec-24
17-Dec-24
28-Dec-24
08-Jan-25
19-Jan-25
30-Jan-25
Date
Action Level
Limit Level
Impact Station M1

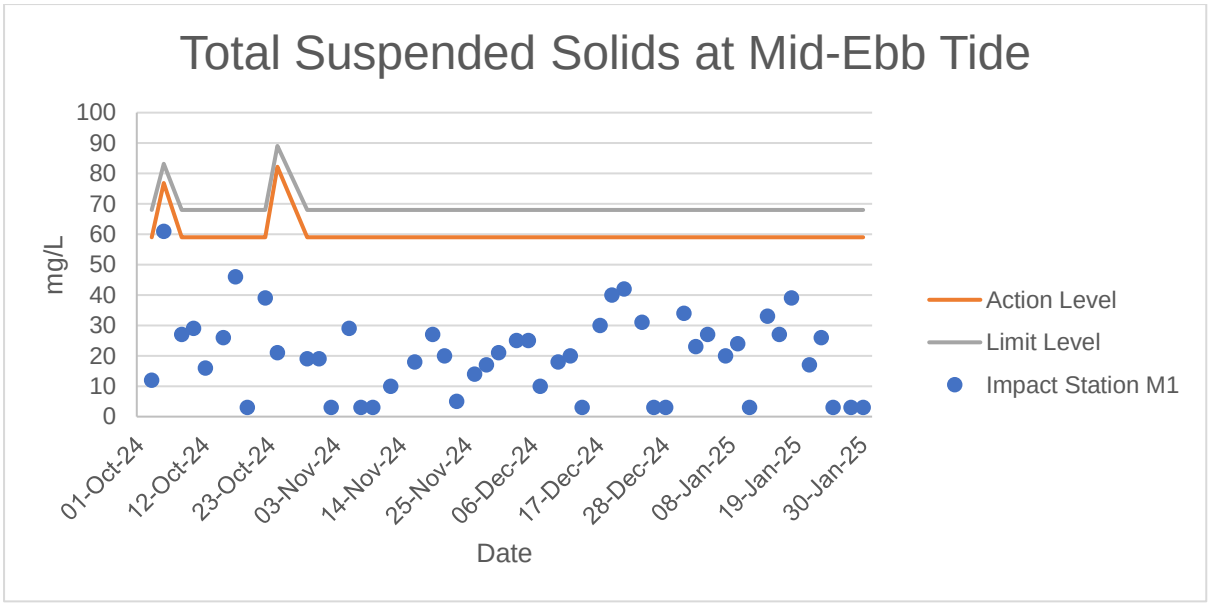

Turbidity at Mid-Ebb Tide
NTU
30
25
20
15
10
5
0
01-Oct-24
12-Oct-24
23-Oct-24
03-Nov-24
14-Nov-24
25-Nov-24
06-Dec-24
17-Dec-24
28-Dec-24
08-Jan-25
19-Jan-25
30-Jan-25
Date
Control Station M2

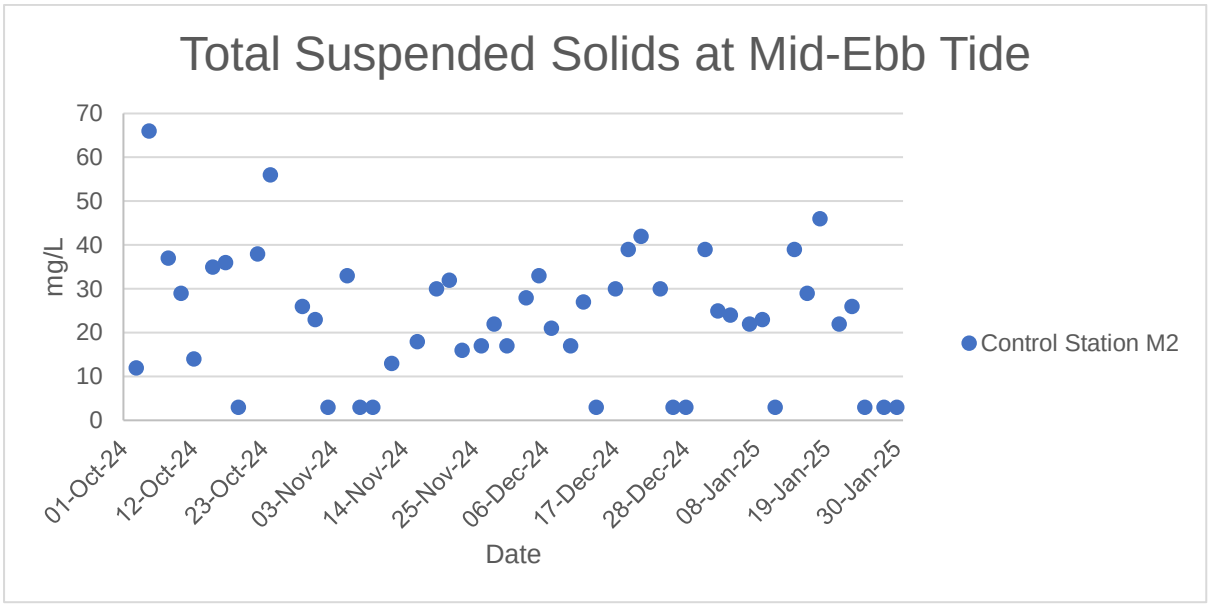

Turbidity at Mid-Ebb Tide
NTU
45
40
35
30
25
20
15
10
5
0
01-Oct-24
12-Oct-24
23-Oct-24
03-Nov-24
14-Nov-24
25-Nov-24
06-Dec-24
17-Dec-24
28-Dec-24
08-Jan-25
19-Jan-25
30-Jan-25
Date
Control Station M3

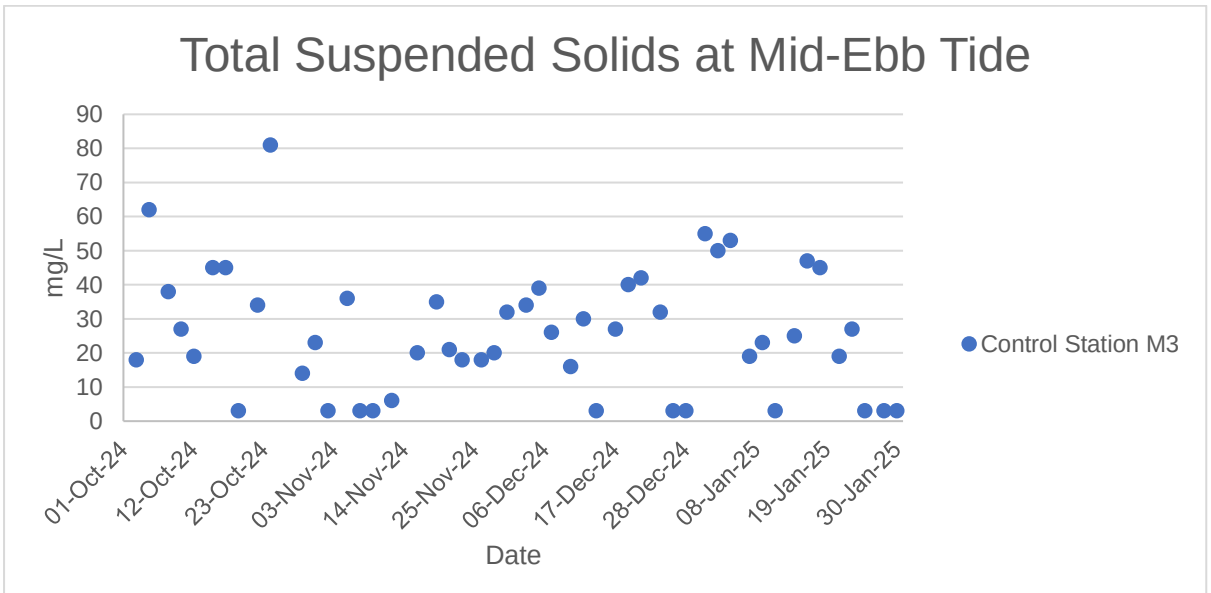

Total Suspended Solids at Mid-Flood Tide
mg/L
80
70
60
50
40
30
20
10
0
01-Oct-24
12-Oct-24
23-Oct-24
03-Nov-24
14-Nov-24
25-Nov-24
06-Dec-24
17-Dec-24
28-Dec-24
08-Jan-25
19-Jan-25
30-Jan-25
Date
Control Station M1


Total Suspended Solids at Mid-Flood Tide
mg/L
250
200
150
100
50
0
01-Oct-24
12-Oct-24
23-Oct-24
03-Nov-24
14-Nov-24
25-Nov-24
06-Dec-24
17-Dec-24
28-Dec-24
08-Jan-25
19-Jan-25
30-Jan-25
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-Oct-24
12-Oct-24
23-Oct-24
03-Nov-24
14-Nov-24
25-Nov-24
06-Dec-24
17-Dec-24
28-Dec-24
08-Jan-25
19-Jan-25
30-Jan-25
Date
Action Level
Limit Level
Impact Station M3


Total Suspended Solids at Mid-Ebb Tide
mg/L
100
90
80
70
60
50
40
30
20
10
0
01-Oct-24
12-Oct-24
23-Oct-24
03-Nov-24
14-Nov-24
25-Nov-24
06-Dec-24
17-Dec-24
28-Dec-24
08-Jan-25
19-Jan-25
30-Jan-25
Date
Action Level
Limit Level
Impact Station M1


Total Suspended Solids at Mid-Ebb Tide
mg/L
70
60
50
40
30
20
10
0
01-Oct-24
12-Oct-24
23-Oct-24
03-Nov-24
14-Nov-24
25-Nov-24
06-Dec-24
17-Dec-24
28-Dec-24
08-Jan-25
19-Jan-25
30-Jan-25
Date
Control Station M2


Total Suspended Solids at Mid-Ebb Tide
mg/L
90
80
70
60
50
40
30
20
10
0
01-Oct-24
12-Oct-24
23-Oct-24
03-Nov-24
14-Nov-24
25-Nov-24
06-Dec-24
17-Dec-24
28-Dec-24
08-Jan-25
19-Jan-25
30-Jan-25
Date
Control Station M3

Ecology Monitoring Results for

Contract No. SPW 02/2023

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

Appendix F.1 Ecological Bird Monitoring Result (7 January 2025)

Date (dd/mm/yyyy)	Daytime/ Night time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong[2]	Principal Status[3]	Level of Concern[4]	Protection Status in China[5]	China Red Data Book [6]	Red List of China's Vertebrates[9]	IUCN Red List[7] (v.2020-3)	Species of Conservation Importance	Wetland Dependent[8]
07/01/2025	Daytime	Dry	FLW	Point Count	FLW1	Little Grebe	*Tachybaptus ruficollis*	5	Common	R	LC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Point Count	FLW1	Chinese Pond Heron	*Ardeola bacchus*	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Point Count	FLW1	Little Egret	*Egretta garzetta*	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Point Count	FLW1	Red-whiskered Bulbul	*Pycnonotus jocosus*	5	Abundant	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Point Count	FLW1	Crested Myna	*Acridotheres cristatellus*	6	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Point Count	FLW1	Black-collared Starling	*Gracupica nigricollis*	8	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Point Count	FLW1	White Wagtail	*Motacilla alba*	1	Common	PM,WV	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Point Count	FLW2	Great Cormorant	*Phalacrocorax carbo*	1	Common	WV	PRC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Point Count	FLW2	Black-collared Starling	*Gracupica nigricollis*	3	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Point Count	FLW3	Black Kite	*Milvus migrans*	1	Common	R,WV	(RC)	Class II	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Point Count	FLW3	White Wagtail	*Motacilla alba*	1	Common	PM,WV	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Point Count	FLW4	Northern Shoveler	*Spatula clypeata*	2	Abundant	WV	RC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Point Count	FLW4	Tufted Duck	*Aythya fuligula*	3	Uncommon	WV	LC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Point Count	FLW4	Little Grebe	*Tachybaptus ruficollis*	2	Common	R	LC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Point Count	FLW4	Chinese Pond Heron	*Ardeola bacchus*	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Point Count	FLW4	Great Cormorant	*Phalacrocorax carbo*	5	Common	WV	PRC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Point Count	FLW4	Common Moorhen	*Gallinula chloropus*	6	Common	R	-	-	-	LC	LC	N	Y
07/01/2025	Daytime	Dry	FLW	Point Count	FLW4	Plain Prinia	*Prinia inornata*	1	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Point Count	FLW5	Little Grebe	*Tachybaptus ruficollis*	5	Common	R	LC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Point Count	FLW5	Chinese Pond Heron	*Ardeola bacchus*	6	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Point Count	FLW5	Eastern Cattle Egret	*Bubulcus coromandus*	12	Common	R.PM	(LC)	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Point Count	FLW5	Great Egret	*Ardea alba*	3	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Point Count	FLW5	Little Egret	*Egretta garzetta*	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Point Count	FLW5	Great Cormorant	*Phalacrocorax carbo*	12	Common	WV	PRC	-	-	LC	LC	Y	Y

Appendix F.1 Ecological Bird Monitoring Result (7 January 2025)

Date (dd/mm/yyyy)	Daytime/ Night time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong[2]	Principal Status[3]	Level of Concern[4]	Protection Status in China[5]	China Red Data Book [6]	Red List of China's Vertebrates[9]	IUCN Red List[7] (v.2020-3)	Species of Conservation Importance	Wetland Dependent[8]
07/01/2025	Daytime	Dry	FLW	Point Count	FLW5	Spotted Dove	*Spilopelia chinensis*	2	Abundant	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Point Count	FLW5	Azure-winged Magpie	*Cyanopica cyanus*	6	Introduced	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Point Count	FLW5	Chinese Bulbul	*Pycnonotus sinensis*	3	Abundant	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Point Count	FLW5	Crested Myna	*Acridotheres cristatellus*	2	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Point Count	FLW5	Black-collared Starling	*Gracupica nigricollis*	4	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Point Count	FLW5	Eastern Yellow Wagtail	*Motacilla tschutschensis*	2	Common	PM,WV	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Point Count	FLW5	White Wagtail	*Motacilla alba*	2	Common	PM,WV	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Point Count	FLW5	Olive-backed Pipit	*Anthus hodgsoni*	2	Common	PM,WV	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Point Count	FLW6	Chinese Pond Heron	*Ardeola bacchus*	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Point Count	FLW6	Black Kite	*Milvus migrans*	1	Common	R,WV	(RC)	Class II	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Point Count	FLW6	Chinese Bulbul	*Pycnonotus sinensis*	6	Abundant	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Point Count	FLW6	Plain Prinia	*Prinia inornata*	1	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Point Count	FLW6	Stejneger's Stonechat	*Saxicola stejnegeri*	1	Common	PM,WV	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Point Count	FLW7	Azure-winged Magpie	*Cyanopica cyanus*	14	Introduced	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Point Count	FLW7	Japanese Tit	*Parus minor*	2	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Point Count	FLW7	Red-whiskered Bulbul	*Pycnonotus jocosus*	4	Abundant	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Point Count	FLW7	Crested Myna	*Acridotheres cristatellus*	3	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Point Count	FLW7	Black-collared Starling	*Gracupica nigricollis*	9	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Point Count	FLW7	Scaly-breasted Munia	*Lonchura punctulata*	3	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Point Count	FLW7	White Wagtail	*Motacilla alba*	1	Common	PM,WV	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Tufted Duck	*Aythya fuligula*	5	Uncommon	WV	LC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Little Grebe	*Tachybaptus ruficollis*	2	Common	R	LC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Great Egret	*Ardea alba*	5	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Great Cormorant	*Phalacrocorax carbo*	3	Common	WV	PRC	-	-	LC	LC	Y	Y

Appendix F.1 Ecological Bird Monitoring Result (7 January 2025)

Date (dd/mm/yyyy)	Daytime/ Night time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong[2]	Principal Status[3]	Level of Concern[4]	Protection Status in China[5]	China Red Data Book [6]	Red List of China's Vertebrates[9]	IUCN Red List[7] (v.2020-3)	Species of Conservation Importance	Wetland Dependent[8]
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Common Moorhen	*Gallinula chloropus*	1	Common	R	-	-	-	LC	LC	N	Y
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Azure-winged Magpie	*Cyanopica cyanus*	12	Introduced	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Japanese Tit	*Parus minor*	1	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Red-whiskered Bulbul	*Pycnonotus jocosus*	3	Abundant	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Crested Myna	*Acridotheres cristatellus*	3	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Common Myna	*Acridotheres tristis*	2	Uncommon	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Black-collared Starling	*Gracupica nigricollis*	2	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	NSW1	Chinese Pond Heron	*Ardeola bacchus*	3	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	NSW1	Little Egret	*Egretta garzetta*	1	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	NSW1	Great Cormorant	*Phalacrocorax carbo*	87	Common	WV	PRC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	NSW1	White-breasted Waterhen	*Amaurornis phoenicurus*	1	Common	R	-	-	-	LC	LC	N	Y
07/01/2025	Daytime	Dry	NSW	Point Count	NSW1	Common Sandpiper	*Actitis hypoleucos*	1	Common	PM,WV	-	-	-	LC	LC	N	Y
07/01/2025	Daytime	Dry	NSW	Point Count	NSW1	Eurasian Collared Dove	*Streptopelia decaocto*	3	Common	-	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	NSW1	Spotted Dove	*Spilopelia chinensis*	6	Abundant	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	NSW1	Common Kingfisher	*Alcedo atthis*	1	Common	PM,WV	-	-	-	LC	LC	N	Y
07/01/2025	Daytime	Dry	NSW	Point Count	NSW1	Azure-winged Magpie	*Cyanopica cyanus*	12	Introduced	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	NSW1	Collared Crow	*Corvus torquatus*	1	Uncommon	R	LC	-	-	NT	VU	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	NSW1	Large-billed Crow	*Corvus macrorhynchos*	1	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	NSW1	Chinese Bulbul	*Pycnonotus sinensis*	3	Abundant	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	NSW1	Dusky Warbler	*Phylloscopus fuscatus*	2	Common	PM,WV	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	NSW1	Plain Prinia	*Prinia inornata*	1	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	NSW1	Masked Laughingthrush	*Pterorhinus perspicillatus*	8	Abundant	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	NSW1	Black-collared Starling	*Gracupica nigricollis*	5	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	NSW1	Oriental Magpie Robin	*Copsychus saularis*	1	Abundant	R	-	-	-	LC	LC	N	N

Appendix F.1 Ecological Bird Monitoring Result (7 January 2025)

Date (dd/mm/yyyy)	Daytime/ Night time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong[2]	Principal Status[3]	Level of Concern[4]	Protection Status in China[5]	China Red Data Book [6]	Red List of China's Vertebrates[9]	IUCN Red List[7] (v.2020-3)	Species of Conservation Importance	Wetland Dependent[8]
07/01/2025	Daytime	Dry	NSW	Point Count	NSW1	Daurian Redstart	*Phoenicurus auroreus*	1	Common	WV	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	NSW1	Eurasian Tree Sparrow	*Passer montanus*	12	Abundant	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	NSW1	White Wagtail	*Motacilla alba*	3	Common	PM,WV	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Northern Shoveler	*Spatula clypeata*	8	Abundant	WV	RC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Chinese Pond Heron	*Ardeola bacchus*	5	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Great Egret	*Ardea alba*	1	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Little Egret	*Egretta garzetta*	2	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	White-breasted Waterhen	*Amaurornis phoenicurus*	4	Common	R	-	-	-	LC	LC	N	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Pied Avocet	*Recurvirostra avosetta*	18	Abundant	WV	RC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Little Ringed Plover	*Charadrius dubius*	2	Common	WV,PM	(LC)	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Common Sandpiper	*Actitis hypoleucos*	1	Common	PM,WV	-	-	-	LC	LC	N	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Common Redshank	*Tringa totanus*	6	Common	PM	RC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Marsh Sandpiper	*Tringa stagnatilis*	1	Common	PM,WV	RC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Common Greenshank	*Tringa nebularia*	3	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Black-headed Gull	*Chroicocephalus ridibundus*	20	Common	WV	PRC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Spotted Dove	*Spilopelia chinensis*	1	Abundant	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Azure-winged Magpie	*Cyanopica cyanus*	5	Introduced	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Red-whiskered Bulbul	*Pycnonotus jocosus*	11	Abundant	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Chinese Bulbul	*Pycnonotus sinensis*	2	Abundant	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Crested Myna	*Acridotheres cristatellus*	4	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	White Wagtail	*Motacilla alba*	2	Common	PM,WV	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW1	Pallas's Leaf Warbler	*Phylloscopus proregulus*	1	Common	W	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Northern Shoveler	*Spatula clypeata*	6	Abundant	WV	RC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Black-faced Spoonbill	*Platalea minor*	2	Common	WV	PGC	Class II	EN	EN	EN	Y	Y

Appendix F.1 Ecological Bird Monitoring Result (7 January 2025)

Date (dd/mm/yyyy)	Daytime/ Night time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong[2]	Principal Status[3]	Level of Concern[4]	Protection Status in China[5]	China Red Data Book [6]	Red List of China's Vertebrates[9]	IUCN Red List[7] (v.2020-3)	Species of Conservation Importance	Wetland Dependent[8]
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Chinese Pond Heron	*Ardeola bacchus*	7	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Great Egret	*Ardea alba*	3	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Little Egret	*Egretta garzetta*	7	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Great Cormorant	*Phalacrocorax carbo*	9	Common	WV	PRC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Black-headed Gull	*Chroicocephalus ridibundus*	30	Common	WV	PRC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Spotted Dove	*Spilopelia chinensis*	1	Abundant	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	White-throated Kingfisher	*Halcyon smyrnensis*	1	Common	R	(LC)	Class II	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Crested Myna	*Acridotheres cristatellus*	5	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Oriental Magpie Robin	*Copsychus saularis*	1	Abundant	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Daurian Redstart	*Phoenicurus auroreus*	1	Common	WV	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW2	Pallas's Leaf Warbler	*Phylloscopus proregulus*	1	Common	W	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Northern Shoveler	*Spatula clypeata*	33	Abundant	WV	RC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Eurasian Wigeon	*Mareca penelope*	6	Common	WV	RC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Eurasian Teal	*Anas crecca*	6	Common	WV	RC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Black-faced Spoonbill	*Platalea minor*	44	Common	WV	PGC	Class II	EN	EN	EN	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Grey Heron	*Ardea cinerea*	3	Common	WV	PRC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Great Egret	*Ardea alba*	75	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Little Egret	*Egretta garzetta*	44	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Great Cormorant	*Phalacrocorax carbo*	8	Common	WV	PRC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	White-breasted Waterhen	*Amaurornis phoenicurus*	2	Common	R	-	-	-	LC	LC	N	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Common Moorhen	*Gallinula chloropus*	4	Common	R	-	-	-	LC	LC	N	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Black-winged stilt	*Himantopus himantopus*	18	Common	PM	RC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Pied Avocet	*Recurvirostra avosetta*	8	Abundant	WV	RC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Common Sandpiper	*Actitis hypoleucos*	1	Common	PM,WV	-	-	-	LC	LC	N	Y

Appendix F.1 Ecological Bird Monitoring Result (7 January 2025)

Date (dd/mm/yyyy)	Daytime/ Night time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong[2]	Principal Status[3]	Level of Concern[4]	Protection Status in China[5]	China Red Data Book [6]	Red List of China's Vertebrates[9]	IUCN Red List[7] (v.2020-3)	Species of Conservation Importance	Wetland Dependent[8]
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Common Redshank	*Tringa totanus*	6	Common	PM	RC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Marsh Sandpiper	*Tringa stagnatilis*	2	Common	PM,WV	RC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Common Greenshank	*Tringa nebularia*	2	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Black-headed Gull	*Chroicocephalus ridibundus*	250	Common	WV	PRC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Spotted Dove	*Spilopelia chinensis*	1	Abundant	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Pied Kingfisher	*Ceryle rudis*	1	Uncommon	R	-	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Daurian Redstart	*Phoenicurus auroreus*	1	Common	WV	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Point Count	SP/NSW3	Eurasian Spoonbill	*Platalea leucorodia*	1	Common	W	LC	Class II	VU	NT	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Tufted Duck	*Aythya fuligula*	5	Uncommon	WV	LC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Little Grebe	*Tachybaptus ruficollis*	3	Common	R	LC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Great Egret	*Ardea alba*	5	Common	R,WV	PRC (RC)	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Great Cormorant	*Phalacrocorax carbo*	3	Common	WV	PRC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Black Kite	*Milvus migrans*	1	Common	R,WV	(RC)	Class II	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Common Moorhen	*Gallinula chloropus*	2	Common	R	-	-	-	LC	LC	N	Y
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Spotted Dove	*Spilopelia chinensis*	3	Abundant	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Common Kingfisher	*Alcedo atthis*	1	Common	PM,WV	-	-	-	LC	LC	N	Y
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Azure-winged Magpie	*Cyanopica cyanus*	12	Introduced	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Collared Crow	*Corvus torquatus*	1	Uncommon	R	LC	-	-	NT	VU	Y	Y
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Japanese Tit	*Parus minor*	3	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Red-whiskered Bulbul	*Pycnonotus jocosus*	6	Abundant	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Crested Myna	*Acridotheres cristatellus*	16	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Common Myna	*Acridotheres tristis*	3	Uncommon	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Black-collared Starling	*Gracupica nigricollis*	5	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Stejneger's Stonechat	*Saxicola stejnegeri*	1	Common	PM,WV	-	-	-	LC	LC	N	N

Appendix F.1 Ecological Bird Monitoring Result (7 January 2025)

Date (dd/mm/yyyy)	Daytime/ Night time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong[2]	Principal Status[3]	Level of Concern[4]	Protection Status in China[5]	China Red Data Book [6]	Red List of China's Vertebrates[9]	IUCN Red List[7] (v.2020-3)	Species of Conservation Importance	Wetland Dependent[8]
07/01/2025	Daytime	Dry	FLW	Transect	FLW	Eastern Yellow Wagtail	*Motacilla tschutschensis*	2	Common	PM,WV	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Transect	NSW	Northern Shoveler	*Spatula clypeata*	37	Abundant	WV	RC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Transect	NSW	Great Cormorant	*Phalacrocorax carbo*	9	Common	WV	PRC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Transect	NSW	Black-winged stilt	*Himantopus himantopus*	16	Common	PM	RC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Transect	NSW	Pied Avocet	*Recurvirostra avosetta*	37	Abundant	WV	RC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Transect	NSW	Common Redshank	*Tringa totanus*	4	Common	PM	RC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Transect	NSW	Black-headed Gull	*Chroicocephalus ridibundus*	20	Common	WV	PRC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	NSW	Transect	NSW	Eurasian Collared Dove	*Streptopelia decaocto*	2	Common	-	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Transect	NSW	Greater Coucal	*Centropus sinensis*	1	Common	R	-	Class II	VU	LC	LC	Y	N
07/01/2025	Daytime	Dry	NSW	Transect	NSW	Azure-winged Magpie	*Cyanopica cyanus*	8	Introduced	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Transect	NSW	Large-billed Crow	*Corvus macrorhynchos*	1	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Transect	NSW	Yellow-browed Warbler	*Phylloscopus inornatus*	2	Common	WV,Sp	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Transect	NSW	Yellow-bellied Prinia	*Prinia flaviventris*	2	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Transect	NSW	Swinhoe's White-eye	*Zosterops simplex*	5	Abundant	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Transect	NSW	Black-collared Starling	*Gracupica nigricollis*	11	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Transect	NSW	Oriental Magpie Robin	*Copsychus saularis*	2	Abundant	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Transect	NSW	Daurian Redstart	*Phoenicurus auroreus*	1	Common	WV	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Transect	NSW	Fork-tailed Sunbird	*Aethopyga christinae*	1	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Transect	NSW	Eurasian Tree Sparrow	*Passer montanus*	6	Abundant	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Transect	NSW	Scaly-breasted Munia	*Lonchura punctulata*	8	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Transect	NSW	Olive-backed Pipit	*Anthus hodgsoni*	2	Common	PM,WV	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Transect	NSW	Pallas's Leaf Warbler	*Phylloscopus proregulus*	2	Common	W	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	NSW	Transect	NSW	Chinese Blackbird	*Turdus mandarinus*	2	Common	W,M	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Black-faced Spoonbill	*Platalea minor*	1	Common	WV	PGC	Class II	EN	EN	EN	Y	Y

Appendix F.1 Ecological Bird Monitoring Result (7 January 2025)

Date (dd/mm/yyyy)	Daytime/ Night time	Season	Area	Transect / Point Count	Point Count (Location) / Transect	Common Name	Scientific Name	Abundance	Distribution in Hong Kong[2]	Principal Status[3]	Level of Concern[4]	Protection Status in China[5]	China Red Data Book [6]	Red List of China's Vertebrates[9]	IUCN Red List[7] (v.2020-3)	Species of Conservation Importance	Wetland Dependent[8]
07/01/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Chinese Pond Heron	*Ardeola bacchus*	6	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Grey Heron	*Ardea cinerea*	3	Common	WV	PRC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Little Egret	*Egretta garzetta*	3	Common	R	PRC (RC)	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	White-breasted Waterhen	*Amaurornis phoenicurus*	2	Common	R	-	-	-	LC	LC	N	Y
07/01/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Common Moorhen	*Gallinula chloropus*	2	Common	R	-	-	-	LC	LC	N	Y
07/01/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Black-winged stilt	*Himantopus himantopus*	25	Common	PM	RC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Common Sandpiper	*Actitis hypoleucos*	1	Common	PM,WV	-	-	-	LC	LC	N	Y
07/01/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Common Redshank	*Tringa totanus*	8	Common	PM	RC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Common Greenshank	*Tringa nebularia*	6	Abundant	PM,WV	RC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Black-headed Gull	*Chroicocephalus ridibundus*	22	Common	WV	PRC	-	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	White-throated Kingfisher	*Halcyon smyrnensis*	1	Common	R	(LC)	Class II	-	LC	LC	Y	Y
07/01/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Azure-winged Magpie	*Cyanopica cyanus*	2	Introduced	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Chinese Bulbul	*Pycnonotus sinensis*	6	Abundant	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Dusky Warbler	*Phylloscopus fuscatus*	2	Common	PM,WV	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Plain Prinia	*Prinia inornata*	2	Common	R	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	White Wagtail	*Motacilla alba*	2	Common	PM,WV	-	-	-	LC	LC	N	N
07/01/2025	Daytime	Dry	YLIE-CW	Transect	YLIE-CW	Pallas's Leaf Warbler	*Phylloscopus proregulus*	1	Common	W	-	-	-	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 (7 January 2025)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	$P*Ln(P)^2$
Spatula clypeata	49	0.0489	-3.0189	-0.1475	0.4452
Mareca penelope	6	0.0060	-5.1190	-0.0306	0.1568
Anas crecca	6	0.0060	-5.1190	-0.0306	0.1568
Aythya fuligula	3	0.0030	-5.8121	-0.0174	0.1010
Tachybaptus ruficollis	12	0.0120	-4.4258	-0.0530	0.2344
Platalea leucorodia	1	0.0010	-6.9108	-0.0069	0.0476
Platalea minor	46	0.0459	-3.0821	-0.1414	0.4357
Ardeola bacchus	26	0.0259	-3.6527	-0.0947	0.3459
Bubulcus coromandus	12	0.0120	-4.4258	-0.0530	0.2344
Ardea cinerea	3	0.0030	-5.8121	-0.0174	0.1010
Ardea alba	82	0.0818	-2.5040	-0.2047	0.5126
Egretta garzetta	56	0.0558	-2.8854	-0.1611	0.4648
Phalacrocorax carbo	122	0.1216	-2.1067	-0.2563	0.5399
Milvus migrans	2	0.0020	-6.2176	-0.0124	0.0771
Amaurornis phoenicurus	7	0.0070	-4.9648	-0.0346	0.1720
Gallinula chloropus	10	0.0100	-4.6082	-0.0459	0.2117
Himantopus himantopus	18	0.0179	-4.0204	-0.0722	0.2901
Recurvirostra avosetta	26	0.0259	-3.6527	-0.0947	0.3459
Charadrius dubius	2	0.0020	-6.2176	-0.0124	0.0771
Actitis hypoleucos	3	0.0030	-5.8121	-0.0174	0.1010
Tringa totanus	12	0.0120	-4.4258	-0.0530	0.2344
Tringa stagnatilis	3	0.0030	-5.8121	-0.0174	0.1010
Tringa nebularia	5	0.0050	-5.3013	-0.0264	0.1401
Chroicocephalus ridibundus	300	0.2991	-1.2070	-0.3610	0.4357
Streptopelia decaocto	3	0.0030	-5.8121	-0.0174	0.1010
Spilopelia chinensis	11	0.0110	-4.5129	-0.0495	0.2234
Halcyon smyrnensis	1	0.0010	-6.9108	-0.0069	0.0476
Alcedo atthis	1	0.0010	-6.9108	-0.0069	0.0476
Ceryle rudis	1	0.0010	-6.9108	-0.0069	0.0476
Cyanopica cyanus	37	0.0369	-3.2998	-0.1217	0.4017
Corvus torquatus	1	0.0010	-6.9108	-0.0069	0.0476
Corvus macrorhynchos	1	0.0010	-6.9108	-0.0069	0.0476
Parus minor	2	0.0020	-6.2176	-0.0124	0.0771
Pycnonotus jocosus	20	0.0199	-3.9150	-0.0781	0.3056
Pycnonotus sinensis	14	0.0140	-4.2717	-0.0596	0.2547
Phylloscopus proregulus	2	0.0020	-6.2176	-0.0124	0.0771
Phylloscopus fuscatus	2	0.0020	-6.2176	-0.0124	0.0771
Prinia inornata	3	0.0030	-5.8121	-0.0174	0.1010
Pterorhinus perspicillatus	8	0.0080	-4.8313	-0.0385	0.1862
Acridotheres cristatellus	20	0.0199	-3.9150	-0.0781	0.3056
Gracupica nigricollis	29	0.0289	-3.5435	-0.1025	0.3630
Copsychus saularis	2	0.0020	-6.2176	-0.0124	0.0771
Phoenicurus auroreus	3	0.0030	-5.8121	-0.0174	0.1010
Saxicola stejnegeri	1	0.0010	-6.9108	-0.0069	0.0476
Passer montanus	12	0.0120	-4.4258	-0.0530	0.2344
Lonchura punctulata	3	0.0030	-5.8121	-0.0174	0.1010
Motacilla tschutschensis	2	0.0020	-6.2176	-0.0124	0.0771
Motacilla alba	10	0.0100	-4.6082	-0.0459	0.2117
Anthus hodgsoni	2	0.0020	-6.2176	-0.0124	0.0771

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P)^2
Total	1003	1	-246.4561	-2.7739	9.6007
Richness	49				
SS	9.6007				
SQ	7.6945				
H	2.7739				
S^2H	0.0019				

Appendix F.2.2 Ecological Bird Monitoring Diversity (Avifauna species of conservation importance in Point Count Method) in All Habitats (7 January 2025)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P)^2
Spatula clypeata	49	0.0616	-2.7865	-0.1717	0.4786
Mareca penelope	6	0.0075	-4.8866	-0.0369	0.1802
Anas crecca	6	0.0075	-4.8866	-0.0369	0.1802
Aythya fuligula	3	0.0038	-5.5797	-0.0211	0.1175
Tachybaptus ruficollis	12	0.0151	-4.1934	-0.0633	0.2654
Platalea leucorodia	1	0.0013	-6.6783	-0.0084	0.0561
Platalea minor	46	0.0579	-2.8497	-0.1649	0.4699
Ardeola bacchus	26	0.0327	-3.4202	-0.1119	0.3826
Bubulcus coromandus	12	0.0151	-4.1934	-0.0633	0.2654
Ardea cinerea	3	0.0038	-5.5797	-0.0211	0.1175
Ardea alba	82	0.1031	-2.2716	-0.2343	0.5323
Egretta garzetta	56	0.0704	-2.6530	-0.1869	0.4958
Phalacrocorax carbo	122	0.1535	-1.8743	-0.2876	0.5391
Milvus migrans	2	0.0025	-5.9852	-0.0151	0.0901
Himantopus himantopus	18	0.0226	-3.7880	-0.0858	0.3249
Recurvirostra avosetta	26	0.0327	-3.4202	-0.1119	0.3826
Charadrius dubius	2	0.0025	-5.9852	-0.0151	0.0901
Tringa totanus	12	0.0151	-4.1934	-0.0633	0.2654
Tringa stagnatilis	3	0.0038	-5.5797	-0.0211	0.1175
Tringa nebularia	5	0.0063	-5.0689	-0.0319	0.1616
Chroicocephalus ridibundus	300	0.3774	-0.9746	-0.3678	0.3584
Halcyon smyrnensis	1	0.0013	-6.6783	-0.0084	0.0561
Ceryle rudis	1	0.0013	-6.6783	-0.0084	0.0561
Corvus torquatus	1	0.0013	-6.6783	-0.0084	0.0561
Total	795	1	-106.8835	-2.1451	6.0395
Richness	24				
SS	6.0395				
SQ	4.6015				
H	2.1451				
S^2H	0.0018				

Appendix F.2.3 Ecological Bird Monitoring Diversity (All avifauna species in Transect Walk Method) in All Habitats (7 January 2025)

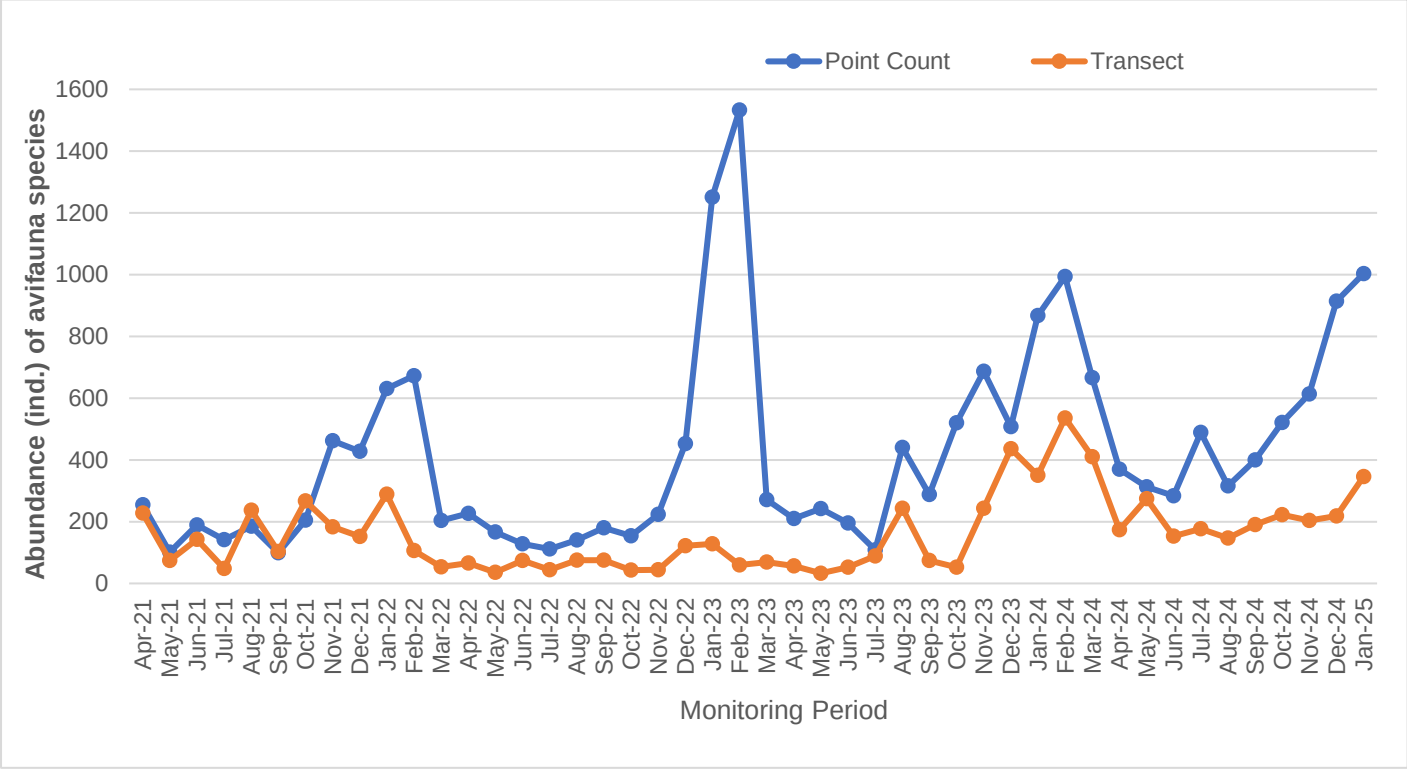
Scientific Name	Count	P	Ln(P)	P*Ln(P)	P*Ln(P)^2
Spatula clypeata	37	0.1069	-2.2355	-0.2391	0.5344
Aythya fuligula	5	0.0145	-4.2370	-0.0612	0.2594
Tachybaptus ruficollis	3	0.0087	-4.7478	-0.0412	0.1954
Platalea minor	1	0.0029	-5.8464	-0.0169	0.0988
Ardeola bacchus	6	0.0173	-4.0547	-0.0703	0.2851
Ardea cinerea	3	0.0087	-4.7478	-0.0412	0.1954
Ardea alba	5	0.0145	-4.2370	-0.0612	0.2594
Egretta garzetta	3	0.0087	-4.7478	-0.0412	0.1954
Phalacrocorax carbo	12	0.0347	-3.3615	-0.1166	0.3919
Milvus migrans	1	0.0029	-5.8464	-0.0169	0.0988
Amaurornis phoenicurus	2	0.0058	-5.1533	-0.0298	0.1535
Gallinula chloropus	4	0.0116	-4.4601	-0.0516	0.2300
Himantopus himantopus	41	0.1185	-2.1329	-0.2527	0.5391
Recurvirostra avosetta	37	0.1069	-2.2355	-0.2391	0.5344
Actitis hypoleucos	1	0.0029	-5.8464	-0.0169	0.0988
Tringa totanus	12	0.0347	-3.3615	-0.1166	0.3919
Tringa nebularia	6	0.0173	-4.0547	-0.0703	0.2851
Chroicocephalus ridibundus	42	0.1214	-2.1088	-0.2560	0.5398
Streptopelia decaocto	2	0.0058	-5.1533	-0.0298	0.1535
Spilopelia chinensis	3	0.0087	-4.7478	-0.0412	0.1954
Centropus sinensis	1	0.0029	-5.8464	-0.0169	0.0988
Halcyon smyrnensis	1	0.0029	-5.8464	-0.0169	0.0988
Alcedo atthis	1	0.0029	-5.8464	-0.0169	0.0988
Cyanopica cyanus	22	0.0636	-2.7554	-0.1752	0.4827
Corvus torquatus	1	0.0029	-5.8464	-0.0169	0.0988
Corvus macrorhynchos	1	0.0029	-5.8464	-0.0169	0.0988
Parus minor	3	0.0087	-4.7478	-0.0412	0.1954
Pycnonotus jocosus	6	0.0173	-4.0547	-0.0703	0.2851
Pycnonotus sinensis	6	0.0173	-4.0547	-0.0703	0.2851
Phylloscopus inornatus	2	0.0058	-5.1533	-0.0298	0.1535
Phylloscopus proregulus	3	0.0087	-4.7478	-0.0412	0.1954
Phylloscopus fuscatus	2	0.0058	-5.1533	-0.0298	0.1535
Prinia flaviventris	2	0.0058	-5.1533	-0.0298	0.1535
Prinia inornata	2	0.0058	-5.1533	-0.0298	0.1535
Zosterops simplex	5	0.0145	-4.2370	-0.0612	0.2594
Acridotheres cristatellus	16	0.0462	-3.0739	-0.1421	0.4369
Acridotheres tristis	3	0.0087	-4.7478	-0.0412	0.1954
Gracupica nigricollis	16	0.0462	-3.0739	-0.1421	0.4369
Turdus mandarinus	2	0.0058	-5.1533	-0.0298	0.1535
Copsychus saularis	2	0.0058	-5.1533	-0.0298	0.1535
Phoenicurus auroreus	1	0.0029	-5.8464	-0.0169	0.0988
Saxicola stejnegeri	1	0.0029	-5.8464	-0.0169	0.0988
Aethopyga christinae	1	0.0029	-5.8464	-0.0169	0.0988
Passer montanus	6	0.0173	-4.0547	-0.0703	0.2851

Scientific Name	Count	P	Ln(P)	P*Ln(P)	$P*Ln(P)^2$
Lonchura punctulata	8	0.0231	-3.7670	-0.0871	0.3281
Motacilla tschutschensis	2	0.0058	-5.1533	-0.0298	0.1535
Motacilla alba	2	0.0058	-5.1533	-0.0298	0.1535
Anthus hodgsoni	2	0.0058	-5.1533	-0.0298	0.1535
Total	346	1	-219.7822	-3.1551	11.1933
Richness	48				
SS	11.1933				
SQ	9.9546				
H	3.1551				
S^2H	0.0038				

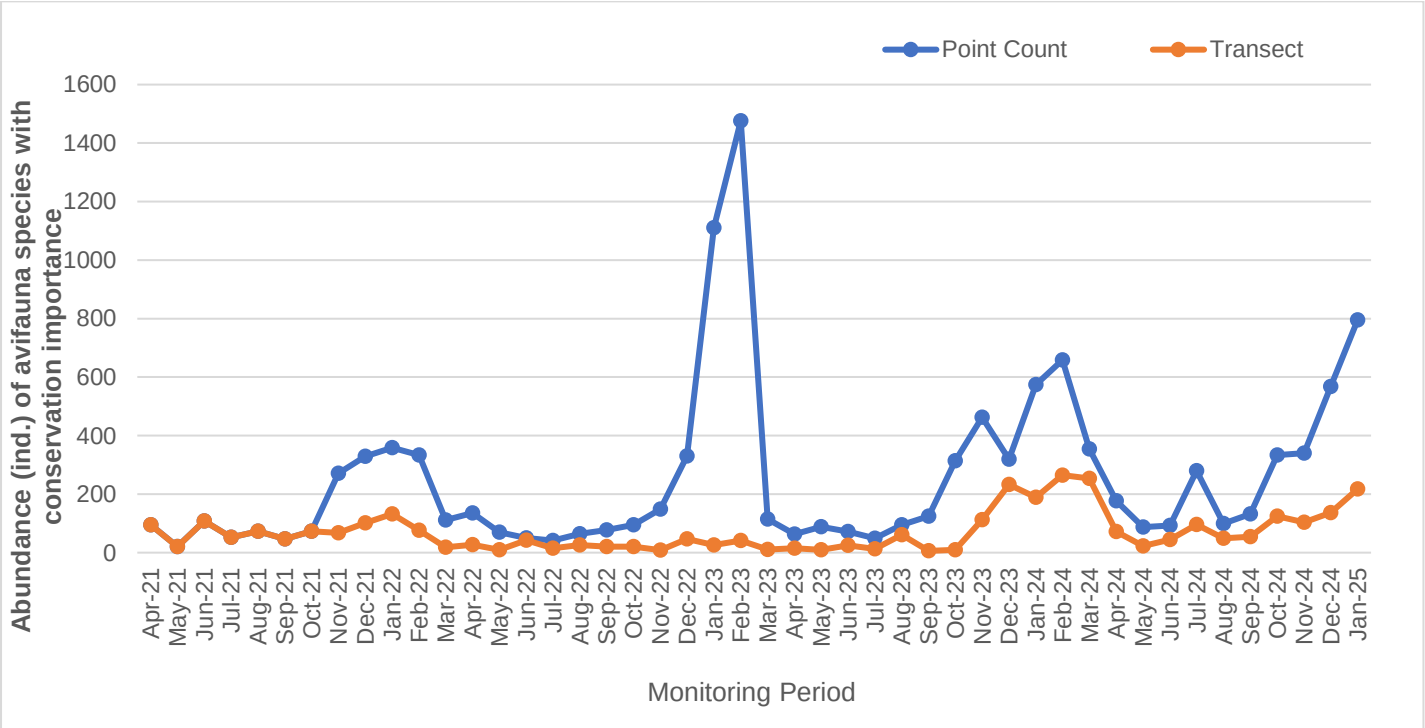
Appendix F.2.4 Ecological Bird Monitoring Diversity (Avifauna species of conservation importance in Transect Walk Method) in All Habitats (7 January 2025)

Scientific Name	Count	P	Ln(P)	P*Ln(P)	$P*Ln(P)^2$
Spatula clypeata	37	0.1705	-1.7690	-0.3016	0.5336
Aythya fuligula	5	0.0230	-3.7705	-0.0869	0.3276
Tachybaptus ruficollis	3	0.0138	-4.2813	-0.0592	0.2534
Platalea minor	1	0.0046	-5.3799	-0.0248	0.1334
Ardeola bacchus	6	0.0276	-3.5881	-0.0992	0.3560
Ardea cinerea	3	0.0138	-4.2813	-0.0592	0.2534
Ardea alba	5	0.0230	-3.7705	-0.0869	0.3276
Egretta garzetta	3	0.0138	-4.2813	-0.0592	0.2534
Phalacrocorax carbo	12	0.0553	-2.8950	-0.1601	0.4635
Milvus migrans	1	0.0046	-5.3799	-0.0248	0.1334
Himantopus himantopus	41	0.1889	-1.6663	-0.3148	0.5246
Recurvirostra avosetta	37	0.1705	-1.7690	-0.3016	0.5336
Tringa totanus	12	0.0553	-2.8950	-0.1601	0.4635
Tringa nebularia	6	0.0276	-3.5881	-0.0992	0.3560
Chroicocephalus ridibundus	42	0.1935	-1.6422	-0.3179	0.5220
Centropus sinensis	1	0.0046	-5.3799	-0.0248	0.1334
Halcyon smyrnensis	1	0.0046	-5.3799	-0.0248	0.1334
Corvus torquatus	1	0.0046	-5.3799	-0.0248	0.1334
Total	217	1	-67.0970	-2.2298	5.8349
Richness	18				
SS	5.8349				
SQ	4.9721				
H	2.2298				
S^2H	0.0042				

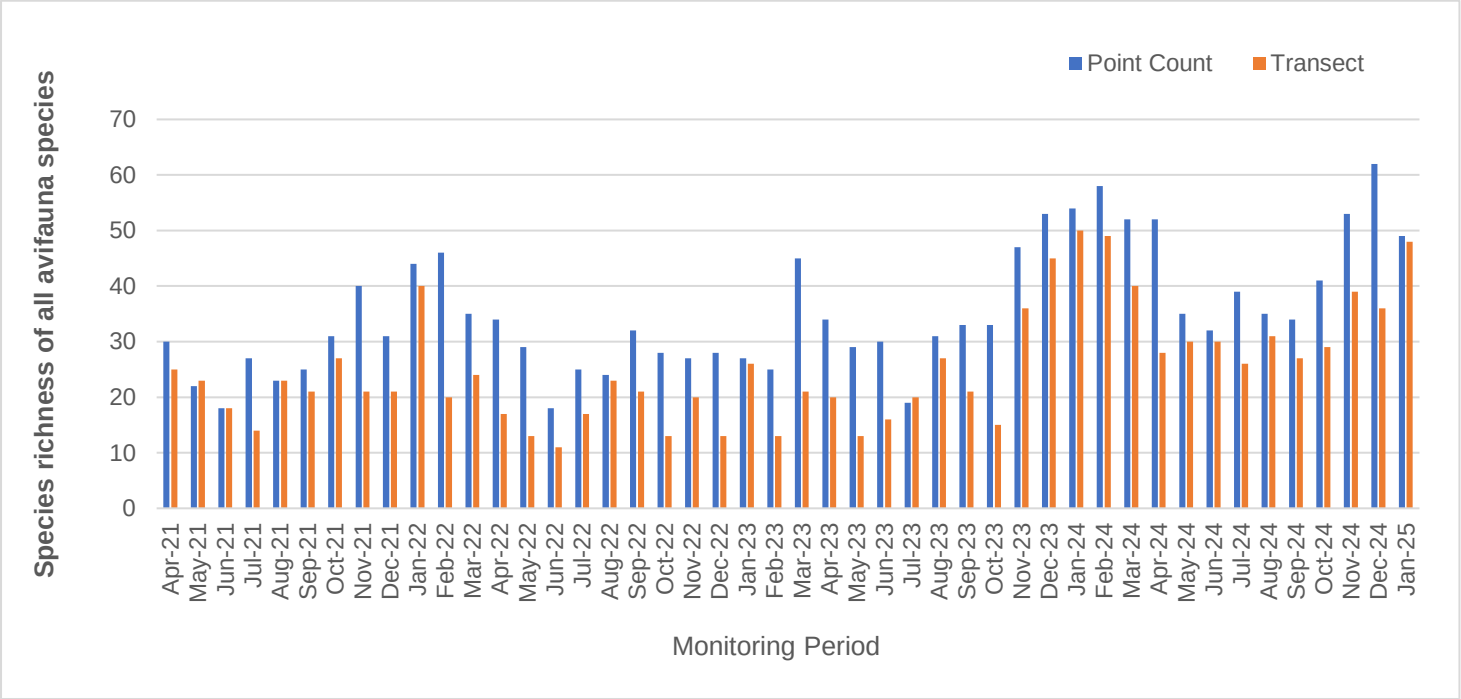
Appendix F.3.1 Abundance of all avifauna species throughout the monitoring period



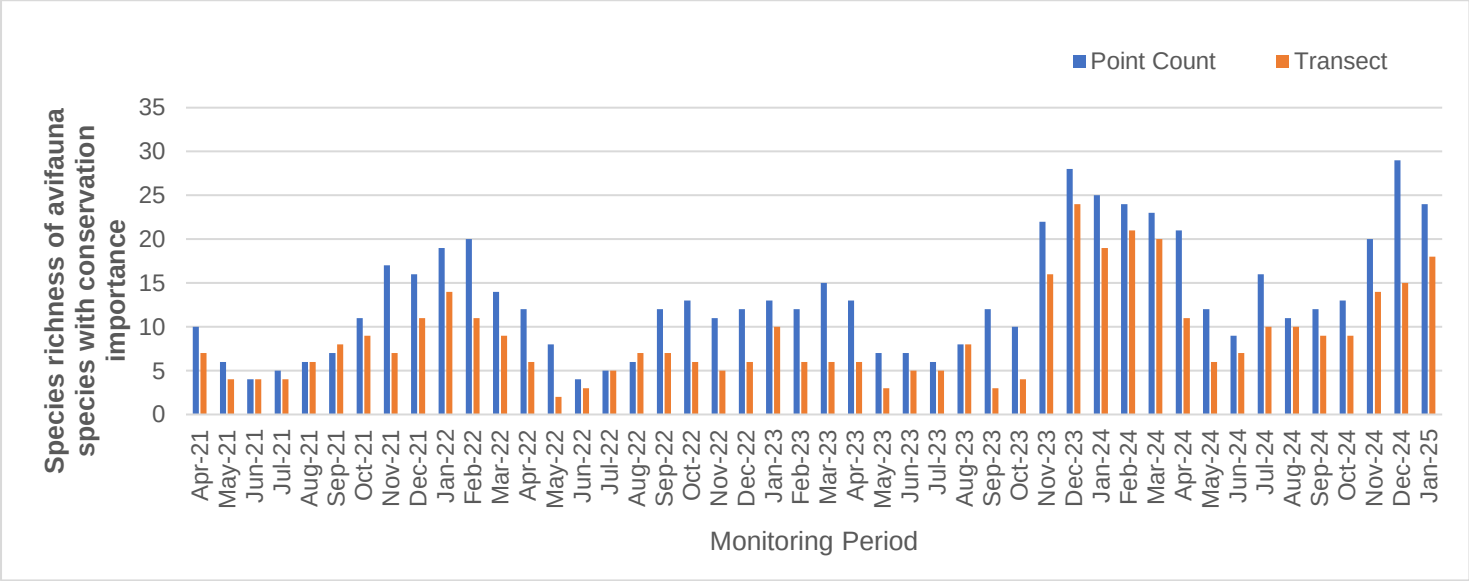
Appendix F.3.2 Abundance of avifauna species with conservation importance throughout the monitoring period



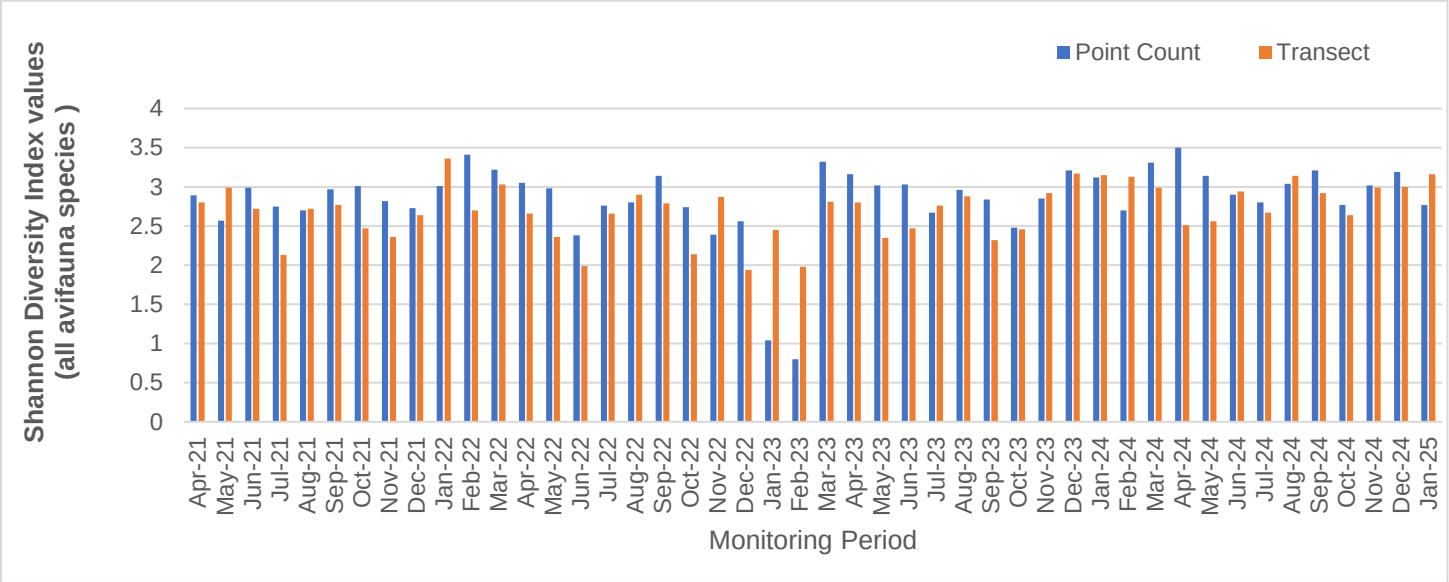
Appendix F.4.1 Species richness of all avifauna species throughout the monitoring period



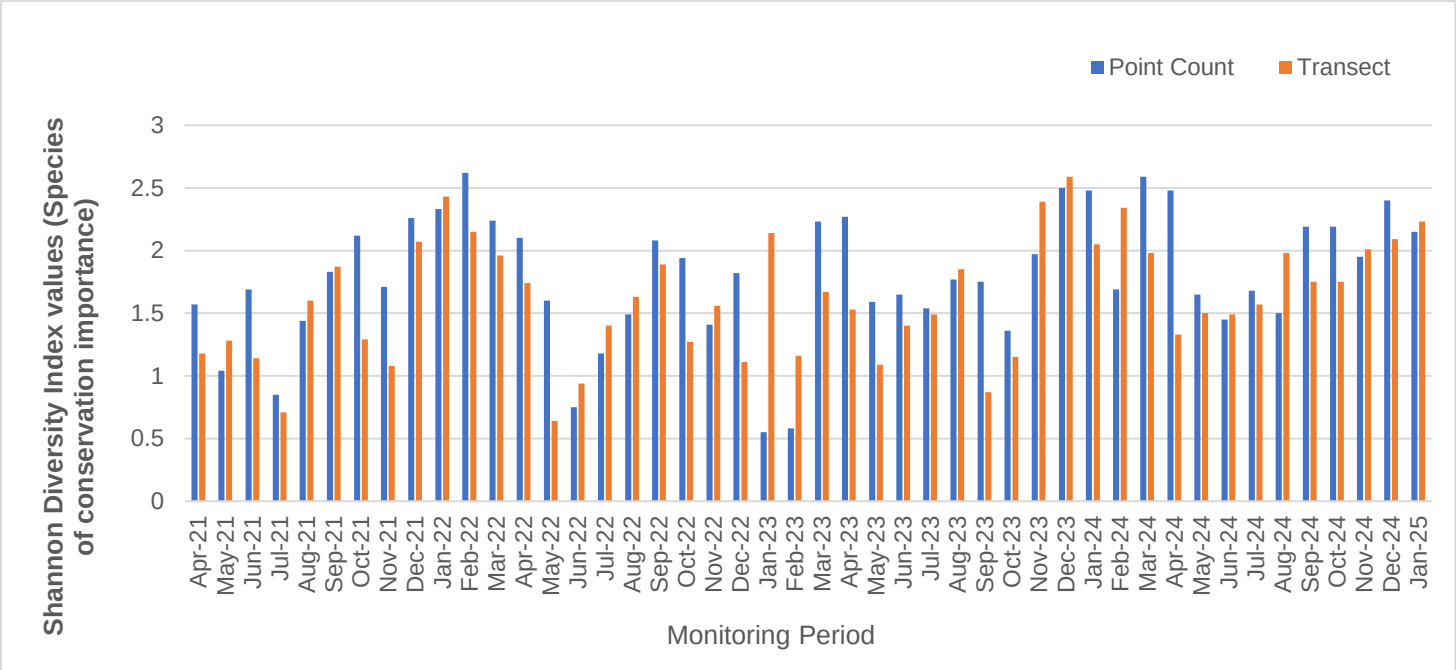
Appendix F.4.2 Species richness of avifauna species with conservation importance throughout the monitoring period



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	January 2017	January 2025
Total	708	1003
Richness	47	49
H	2.8234	2.7739
S^2H	0.0026	0.0019
t	0.7362	
df	1546.0446	
Crit	1.9615	
p	4.61E-01	
CI	0.1020	0.0877

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

Months	January 2017	January 2025
Total	347	346
Richness	50	48
H	3.3086	3.1551
S^2H	0.0028	0.0038
t	1.8895	
df	678.4552	
Crit	1.9635	
p	0.0592	
CI	0.1062	0.1229

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

Months	January 2017	January 2025
Total	528	795
Richness	22	24
H	2.2413	2.1451
S^2H	0.0029	0.0018
t	1.3992	
df	1110.1967	
Crit	1.9621	
p	0.1620	
CI	0.1077	0.0855

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

Months	January 2017	January 2025
Total	83	217
Richness	11	18
H	1.7885	2.2298
S^2H	0.0112	0.0042
t	3.5615	
df	148.2269	
Crit	1.9761	
p	4.96E-4	
CI	0.2117	0.1289