

Contract No. DC/2022/02
Drainage Improvement Works at Yuen Long -
Sung Shan New Village, Tai Wo, Lin Fa Tei and Ha Che
Water Quality Monitoring Result



Water Quality Monitoring Location: C1A

Location	Date	Weather	Time	Water Depth (m)	Dissolved Oxygen (mg/L)		Dissolved Oxygen Saturation (%)		pH		Salinity (ppt)		Tempertuare (°C)		Turbidity (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C1A	20250407	Sunny	12:04	0.4	6.78	6.78	73.2	73.3	7.17	7.17	0.27	0.27	21.9	21.9	7.56	7.57	5.0	4.1	
C1A	20250407	Sunny	12:04	0.4	6.78		73.4		7.17		0.27		21.9		7.58		3.1		
C1A	20250414	Sunny	12:00	0.42	6.73	6.73	69.1	69.1	6.98	6.98	0.19	0.19	22.0	22.0	6.52	6.24	2.4	2.4	
C1A	20250414	Sunny	12:00	0.42	6.73		69.0		6.98		0.19		22.0		5.96		2.3		
C1A	20250424	Sunny	12:39	0.42	6.72	6.72	96.1	96.2	7.74	7.74	0.18	0.18	24.4	24.4	8.68	8.67	8.7	6.8	
C1A	20250424	Sunny	12:39	0.42	6.72		96.2		7.73		0.18		24.4		8.65		4.9		
C1A	20250428	Sunny	11:25	0.42	7.29	7.30	89.0	89.1	7.63	7.65	0.11	0.11	25.5	25.5	7.56	7.50	12	13.5	
C1A	20250428	Sunny	11:25	0.42	7.30		89.2		7.66		0.11		25.5		7.43		15		

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Water Quality Monitoring Location: C2

Location	Date	Weather	Time	Water Depth (m)	Dissolved Oxygen (mg/L)		Dissolved Oxygen Saturation (%)		pH		Salinity (ppt)		Tempertuare (°C)		Turbidity (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C2	20250407	Sunny	11:51	0.42	2.66	2.66	30.4	30.4	7.32	7.32	0.18	0.18	21.9	21.9	9.61	9.45	6.7	6.3	
C2	20250407	Sunny	11:51	0.42	2.66		30.4		7.32		0.18		21.9		9.29		5.8		
C2	20250414	Sunny	11:46	0.44	2.45	2.45	27.8	27.8	7.41	7.41	0.33	0.33	21.5	21.5	13.09	13.1	6.3	7.3	
C2	20250414	Sunny	11:46	0.44	2.45		27.8		7.41		0.33		21.5		13.1		8.2		
C2	20250424	Sunny	11:56	0.44	1.71	1.71	21.6	21.6	7.39	7.39	0.33	0.33	21.6	21.6	14.37	14.37	7.7	7.8	
C2	20250424	Sunny	11:56	0.44	1.71		21.6		7.39		0.33		21.6		14.37		7.9		
C2	20250428	Sunny	11:15	0.44	4.13	4.50	50.2	54.4	7.04	7.00	0.14	0.14	25.2	25.2	28.22	29.99	21.0	20.0	
C2	20250428	Sunny	11:15	0.44	4.87		58.6		6.96		0.14		25.2		31.75		19.0		

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Water Quality Monitoring Location: C3A

Location	Date	Weather	Time	Water Depth (m)	Dissolved Oxygen (mg/L)		Dissolved Oxygen Saturation (%)		pH		Salinity (ppt)		Tempertuare (°C)		Turbidity (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C3A	20250407	Sunny	11:46	0.48	7.78	7.82	84.5	84.9	7.72	7.79	0.02	0.02	19.4	19.4	6.18	6.16	2.6	3.9	
C3A	20250407	Sunny	11:46	0.48	7.86		85.3		7.86		0.02		19.3		6.13		5.1		
C3A	20250414	Sunny	11:41	0.46	7.67	7.67	82.2	82.2	7.75	7.75	0.02	0.02	18.7	18.7	5.29	5.20	2.8	2.2	
C3A	20250414	Sunny	11:41	0.46	7.67		82.2		7.75		0.02		18.7		5.10		1.6		
C3A	20250424	Sunny	11:46	0.32	5.92	5.92	71.3	71.4	7.14	7.25	0.02	0.03	24.7	24.8	9.25	10.03	10.0	8.6	
C3A	20250424	Sunny	11:46	0.32	5.91		71.4		7.36		0.03		24.9		10.81		7.1		
C3A	20250428	Sunny	11:11	0.32	6.21	6.20	74.4	74.3	7.66	7.62	0.02	0.02	24.5	24.5	10.81	10.84	22.0	18	
C3A	20250428	Sunny	11:11	0.32	6.19		74.1		7.57		0.02		24.5		10.86		14.0		

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Water Quality Monitoring Location: C6

Location	Date	Weather	Time	Water Depth (m)	Dissolved Oxygen (mg/L)		Dissolved Oxygen Saturation (%)		pH		Salinity (ppt)		Tempertuare (°C)		Turbidity (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C6	20250407	Sunny	11:00	0.24	4.55	4.56	51.2	51.3	7.96	7.96	1.14	1.14	20.9	20.9	26.62	26.6	30.0	22.5	
C6	20250407	Sunny	11:00	0.24	4.56		51.3		7.96		1.14		20.9		26.58		15.0		
C6	20250414	Sunny	12:50	0.24	3.02	3.02	34.9	35.0	8.03	8.03	1.76	1.76	22.1	22.1	46.15	45.82	21.4	17.4	
C6	20250414	Sunny	12:50	0.24	3.02		35.0		8.03		1.76		22.1		45.48		13.3		
C6	20250424	Sunny	10:45	0.20	3.57	3.57	45.4	45.5	8.07	8.07	2.26	2.30	27.1	26.8	30.90	30.00	19.0	22.5	
C6	20250424	Sunny	10:45	0.20	3.57		45.6		8.06		2.34		26.5		29.10		26.0		
C6	20250428	Sunny	10:19	0.25	5.22	5.16	63.4	62.7	7.91	7.87	0.34	0.34	25.1	25.1	9.95	11.63	6.3	7.9	
C6	20250428	Sunny	10:19	0.25	5.10		61.9		7.82		0.34		25.1		13.30		9.5		

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Water Quality Monitoring Location: C7A

Location	Date	Weather	Time	Water Depth (m)	Dissolved Oxygen (mg/L)		Dissolved Oxygen Saturation (%)		pH		Salinity (ppt)		Tempertuare (°C)		Turbidity (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C7A	20250407	Sunny	11:08	0.08	5.20	5.20	59.6	59.6	7.51	7.52	0.17	0.17	22.1	22.1	6.48	6.53	5.7	5.3	
C7A	20250407	Sunny	11:08	0.08	5.19		59.6		7.53		0.17		22.1		6.58		4.9		
C7A	20250414	Sunny	11:03	0.10	8.52	8.52	88.6	88.6	7.40	7.40	0.17	0.17	20.0	20.0	68.15	68.37	18.0	14.5	
C7A	20250414	Sunny	11:03	0.10	8.52		88.6		7.40		0.17		20.0		68.59		11.0		
C7A	20250424	Sunny	11:53	0.10	5.98	5.99	63.0	63.2	7.78	7.78	0.60	0.60	17.7	17.7	16.83	16.83	4.2	4.4	
C7A	20250424	Sunny	11:53	0.10	6.00		63.3		7.78		0.60		17.7		16.83		4.5		
C7A	20250428	Sunny	10:34	0.10	5.28	5.24	65.4	64.9	7.67	7.61	0.18	0.18	26.2	26.2	11.76	11.10	8.3	8.4	
C7A	20250428	Sunny	10:34	0.10	5.20		64.4		7.55		0.18		26.2		10.43		8.4		

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Water Quality Monitoring Location: C8

Location	Date	Weather	Time	Water Depth (m)	Dissoloved Oxygen (mg/L)		Dissoloved Oxygen Saturation (%)		pH		Salinity (ppt)		Tempertuare (°C)		Turbidty (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C8	20250407	Sunny	12:36	0.05	6.13	6.13	61.2	61.1	7.67	7.68	0.10	0.10	25.0	25.0	2.14	2.15	<1.0	1.1	
C8	20250407	Sunny	12:36	0.05	6.13		61.0		7.68		0.10		25.0		2.16		1.2		
C8	20250414	Sunny	13:13	0.19	5.45	5.45	63.6	63.6	7.40	7.55	0.14	0.15	23.1	23.3	5.28	5.48	2.2	2.7	
C8	20250414	Sunny	13:13	0.19	5.45		63.6		7.70		0.16		23.4		5.68		3.2		
C8	20250424	Sunny	11:16	0.14	5.60	5.60	59.1	59.1	7.43	7.36	0.25	0.24	26.6	26.5	5.08	4.79	2.5	2.8	
C8	20250424	Sunny	11:16	0.14	5.60		59.0		7.28		0.23		26.3		4.50		3.0		
C8	20250428	Sunny	10:41	0.20	7.57	7.57	92.9	92.9	7.73	7.72	0.13	0.13	25.7	25.7	12.10	11.89	7.9	9.0	
C8	20250428	Sunny	10:41	0.20	7.57		92.8		7.70		0.13		25.7		11.67		10.0		

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Water Quality Monitoring Result



Water Quality Monitoring Location: C9

Location	Date	Weather	Time	Water Depth (m)	Dissolved Oxygen (mg/L)		Dissolved Oxygen Saturation (%)		pH		Salinity (ppt)		Tempertuare (°C)		Turbidity (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C9	20250407	Sunny	10:20	0.18	8.38	8.38	88.7	88.7	7.50	7.50	0.08	0.08	18.1	18.1	3.86	3.85	3.3	4.8	
C9	20250407	Sunny	10:20	0.18	8.38		88.7		7.50		0.08		18.1		3.83		6.3		
C9	20250414	Sunny	10:50	0.18	7.76	7.76	87.3	87.3	7.22	7.24	0.08	0.08	21.1	21.1	8.78	8.78	17.0	22.5	
C9	20250414	Sunny	10:50	0.18	7.76		87.2		7.25		0.08		21.1		8.78		28.0		
C9	20250424	Sunny	10:05	0.20	7.63	7.65	89.3	89.6	7.63	7.47	0.08	0.08	23.2	23.3	2.39	2.34	5.3	6.2	
C9	20250424	Sunny	10:05	0.20	7.66		89.9		7.3		0.08		23.3		2.28		7.1		
C9	20250428	Sunny	9:43	0.20	7.53	7.53	89.7	89.7	7.44	7.48	0.10	0.10	24.1	24.1	11.62	13.11	6.2	8.1	
C9	20250428	Sunny	9:43	0.20	7.53		89.6		7.52		0.10		24.1		14.60		10.0		

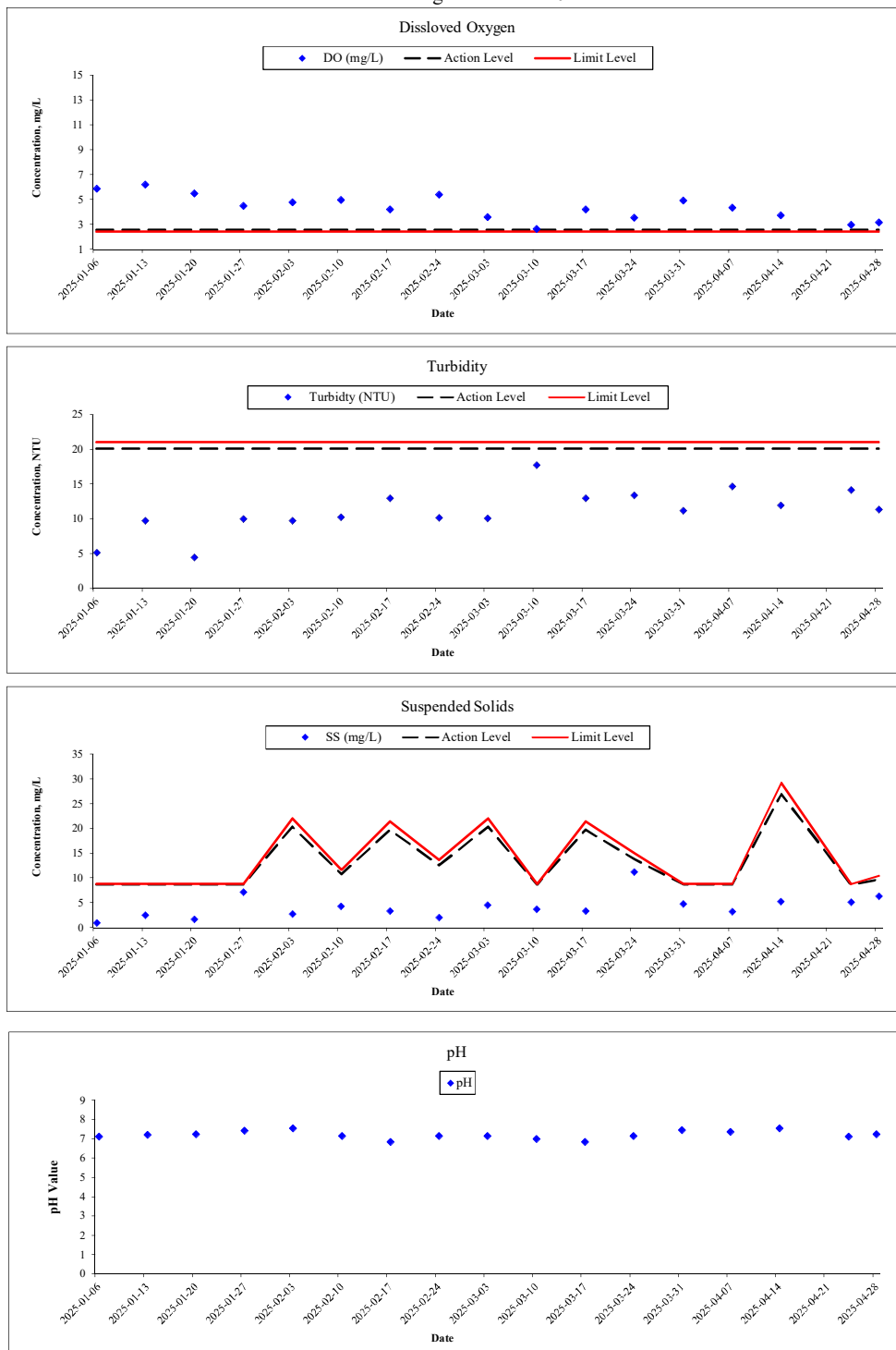
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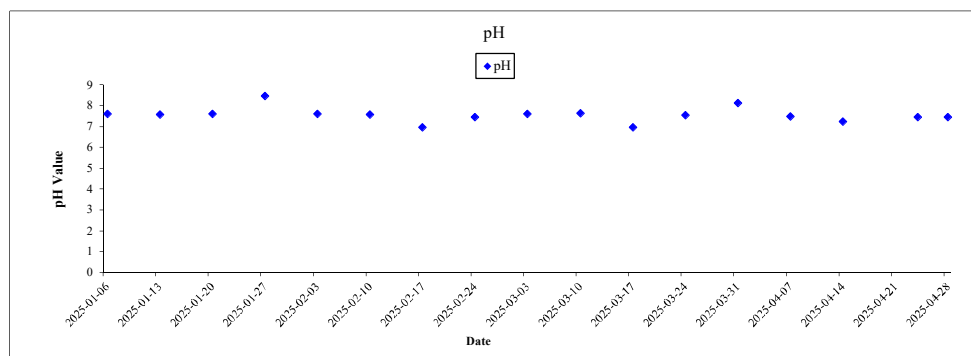
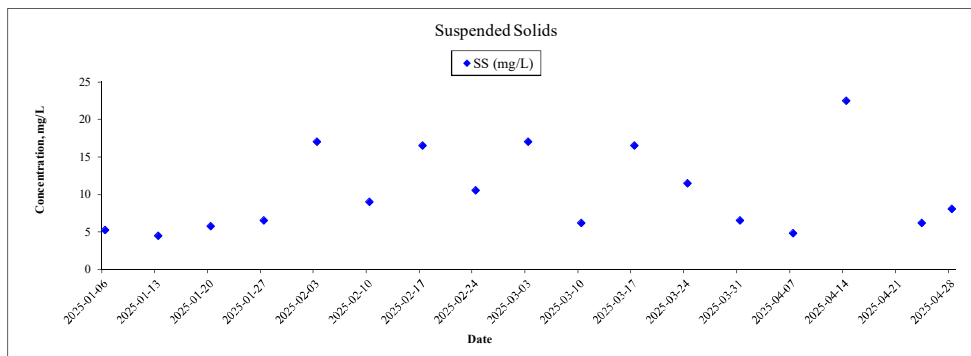
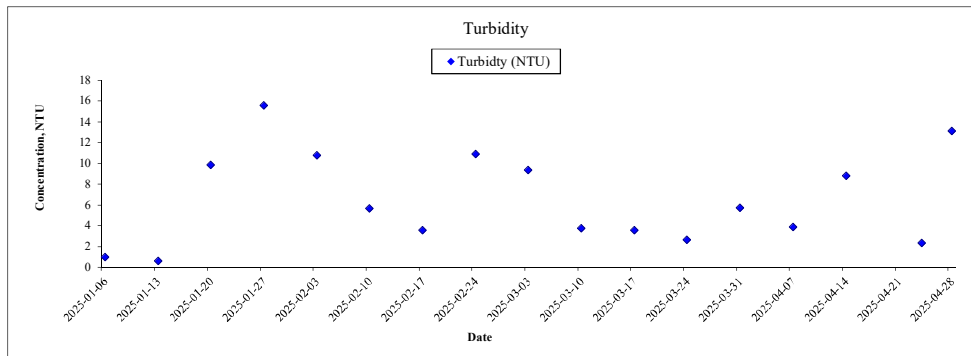
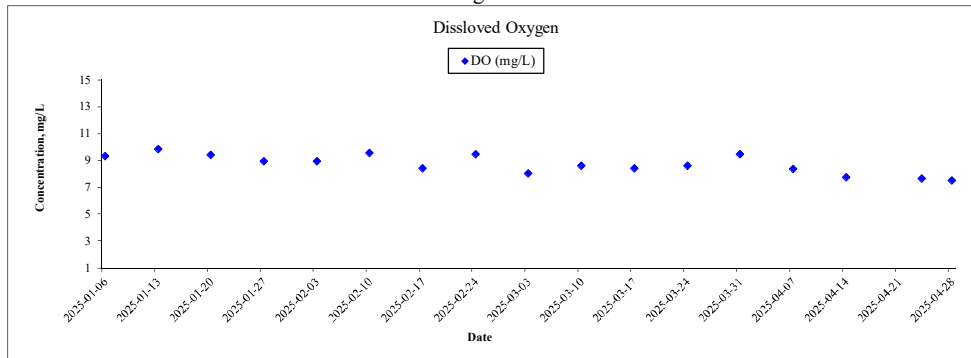
Water Quality Monitoring Location: C10

Location	Date	Weather	Time	Water Depth (m)	Dissolved Oxygen (mg/L)		Dissolved Oxygen Saturation (%)		pH		Salinity (ppt)		Tempertuare (°C)		Turbidity (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C10	20250407	Sunny	10:31	0.18	4.35	4.33	48.2	48.0	7.39	7.39	0.14	0.14	20.4	20.4	14.70	14.71	2.7	3.2	
C10	20250407	Sunny	10:31	0.18	4.30		47.7		7.38		0.14		20.4		14.71		3.6		
C10	20250414	Sunny	11:11	0.16	3.74	3.74	44.0	44.0	7.55	7.55	0.14	0.14	23.4	23.4	11.99	11.99	5.7	5.3	
C10	20250414	Sunny	11:11	0.16	3.74		44.0		7.55		0.14		23.4		11.99		4.9		
C10	20250424	Sunny	10:21	0.21	2.92	2.96	35.8	36.3	7.11	7.12	0.16	0.16	25.6	25.6	14.79	14.15	5.1	5.2	
C10	20250424	Sunny	10:21	0.21	3.00		36.8		7.13		0.16		25.6		13.51		5.2		
C10	20250428	Sunny	9:57	0.18	3.11	3.17	38.2	38.9	7.23	7.24	0.16	0.16	25.7	25.8	10.98	11.40	6.9	6.3	
C10	20250428	Sunny	9:57	0.18	3.22		39.6		7.24		0.16		25.8		11.82		5.6		

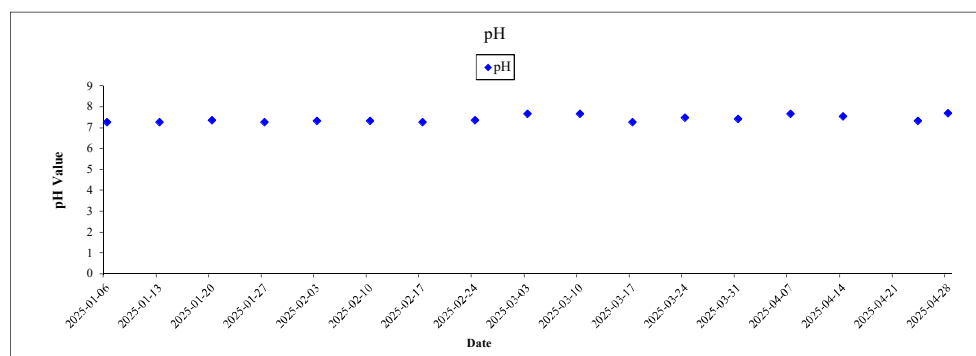
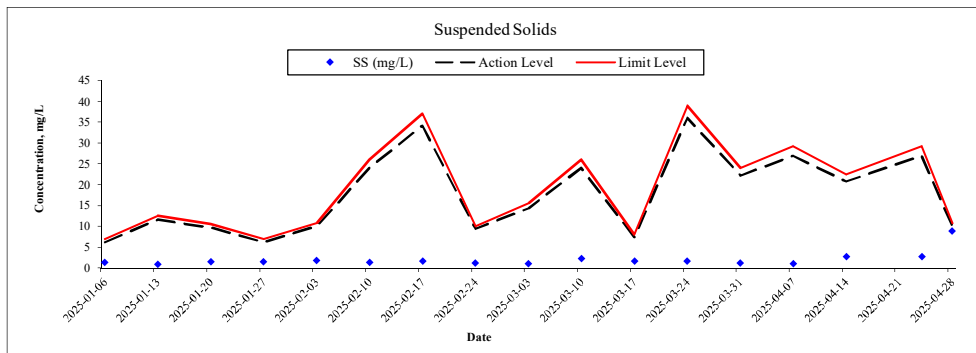
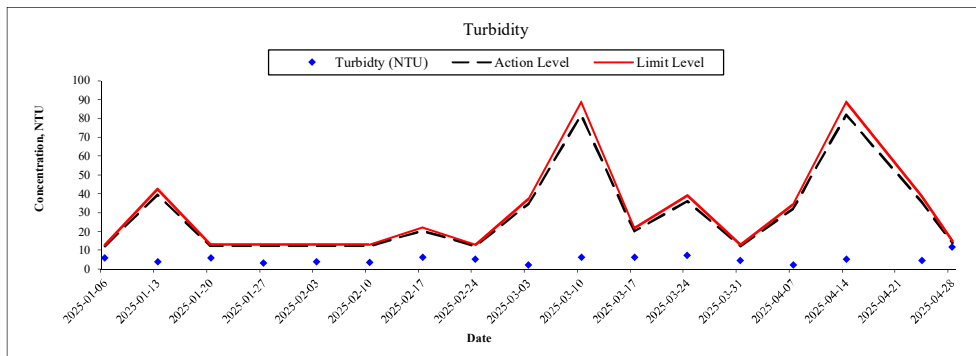
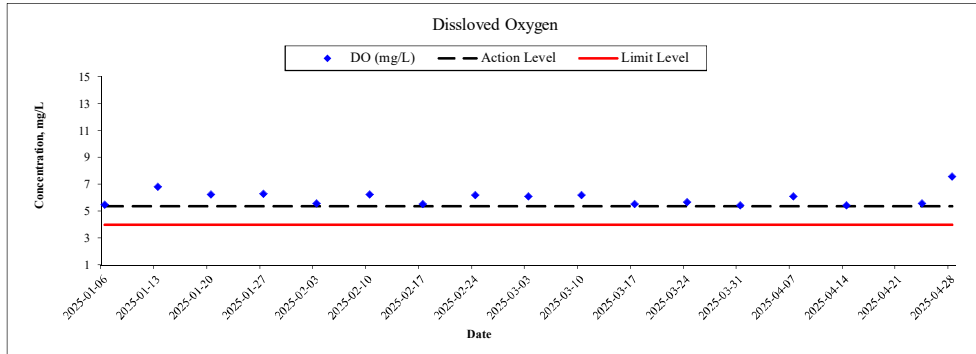
Monitoring Location: C10



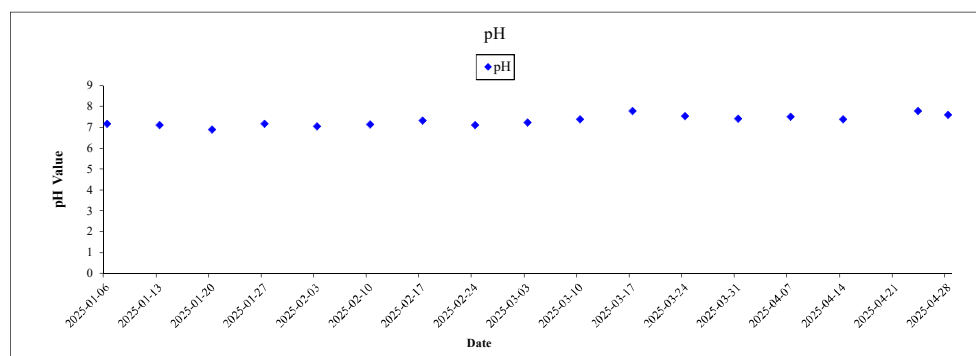
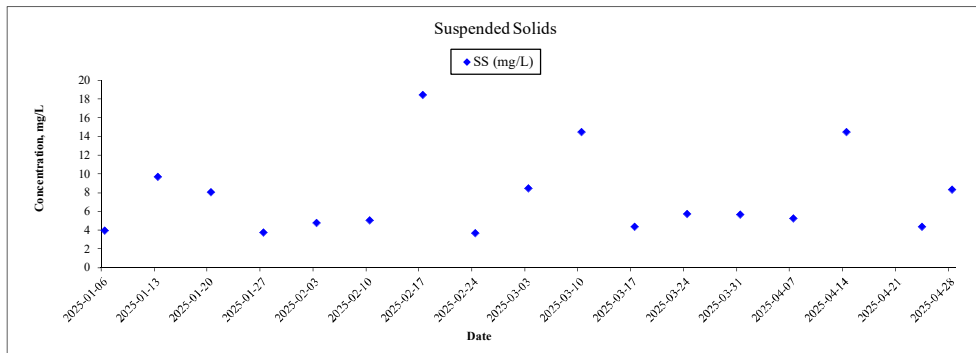
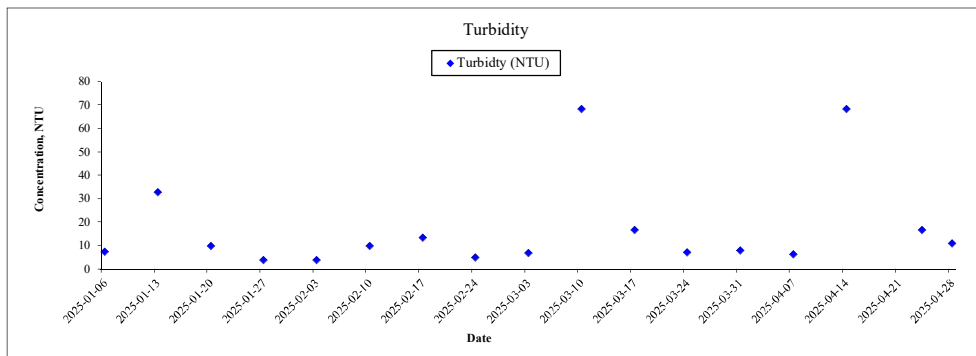
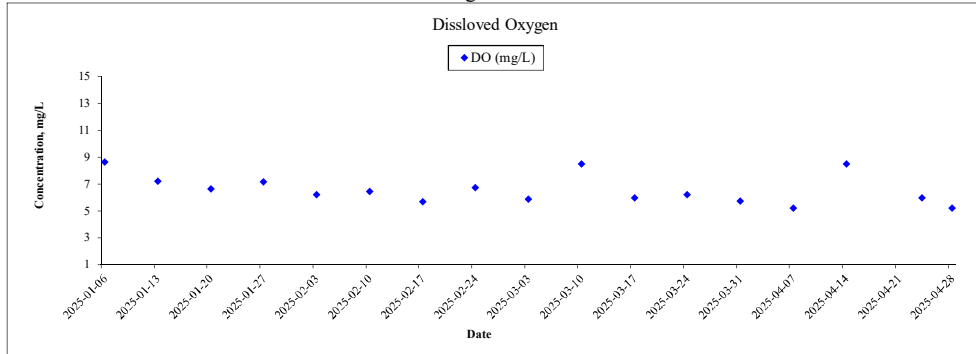
Monitoring Location: C9



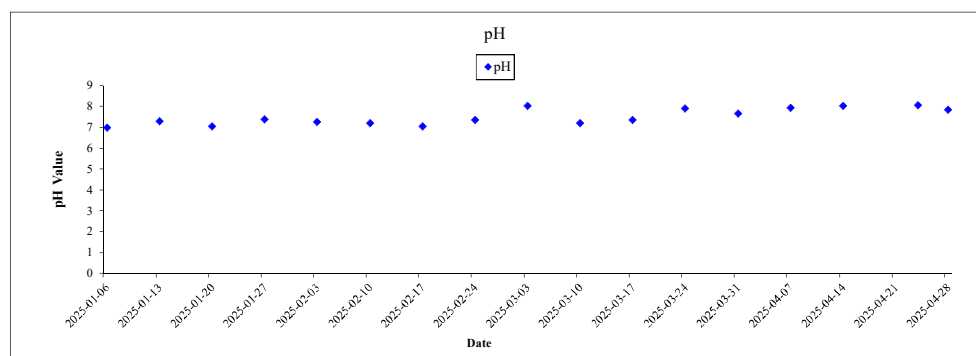
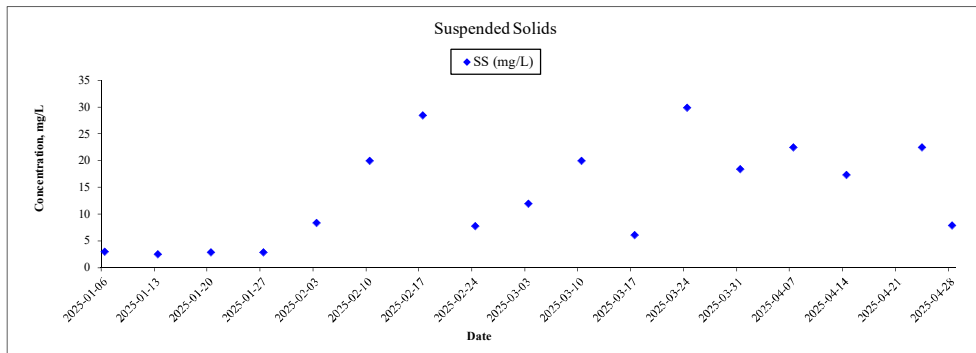
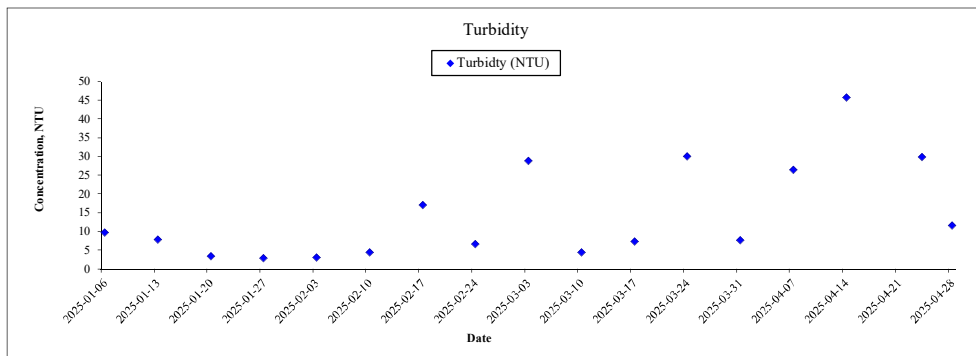
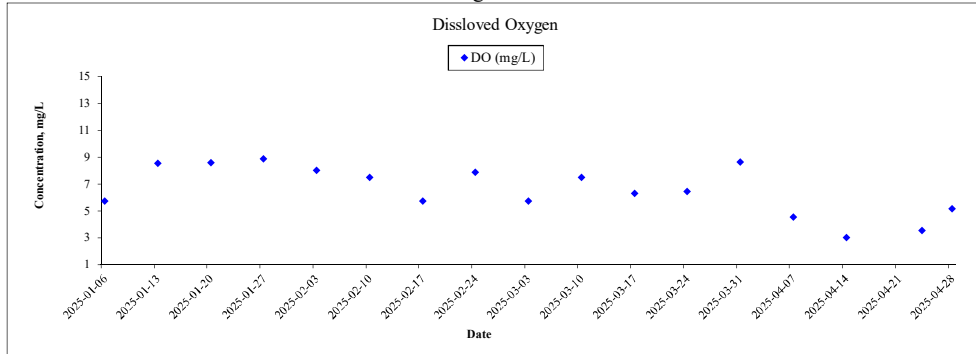
Monitoring Location: C8



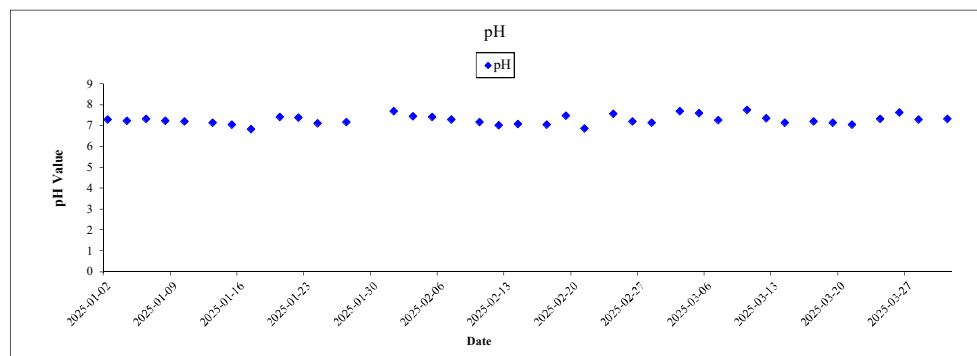
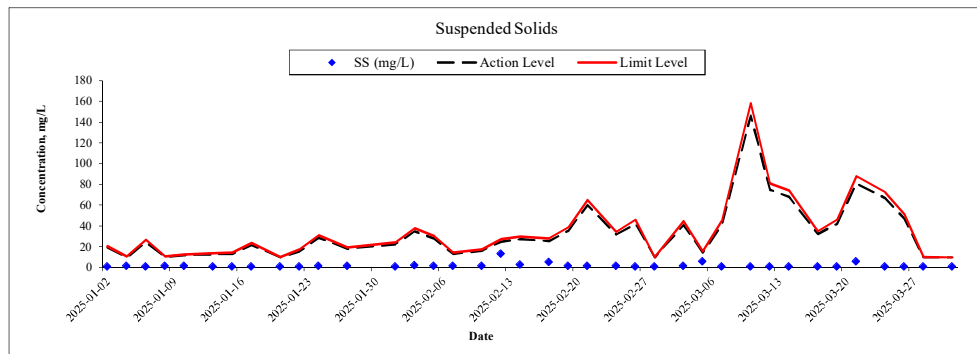
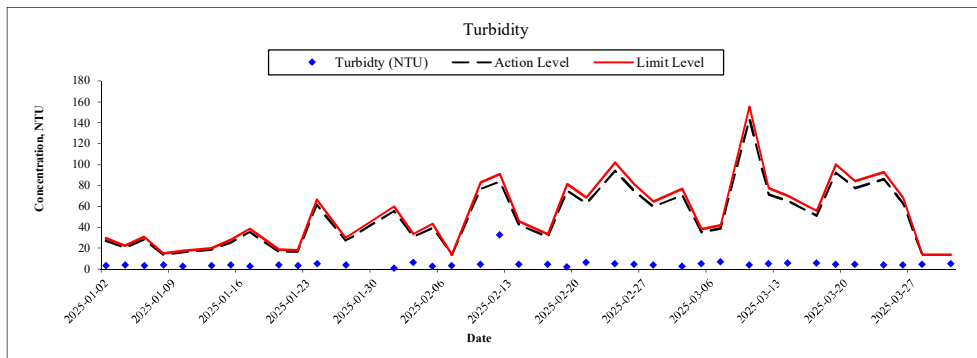
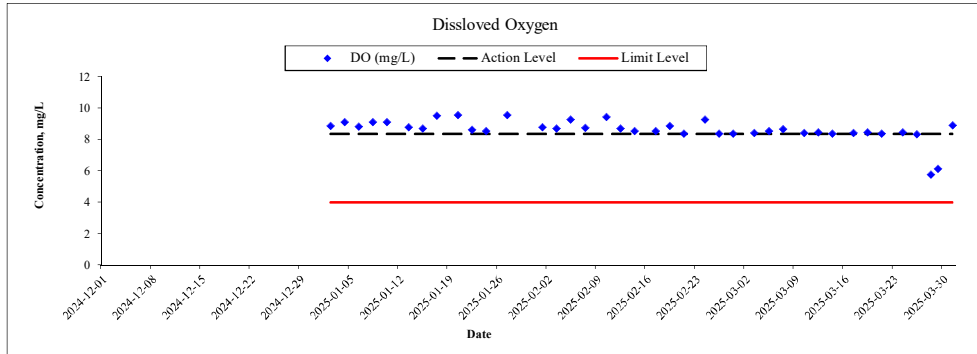
Monitoring Location: C7A



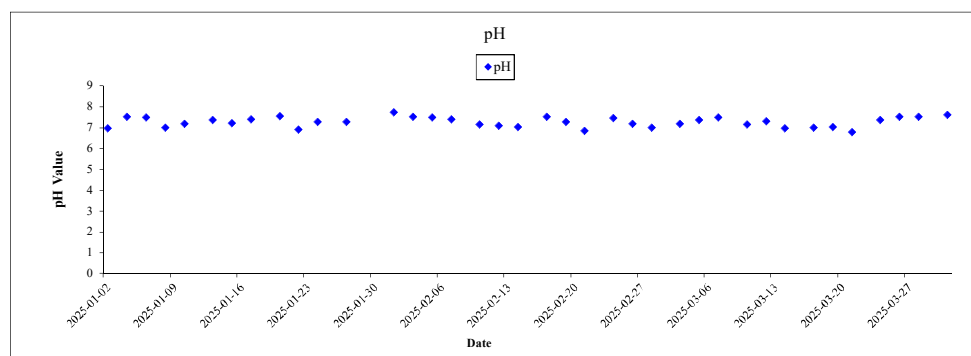
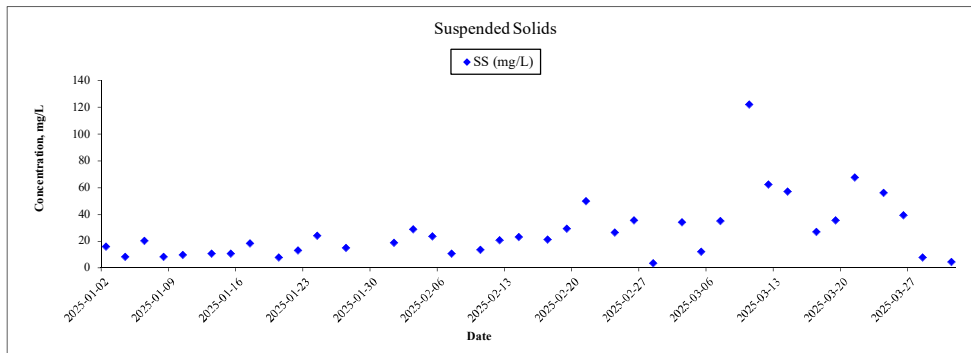
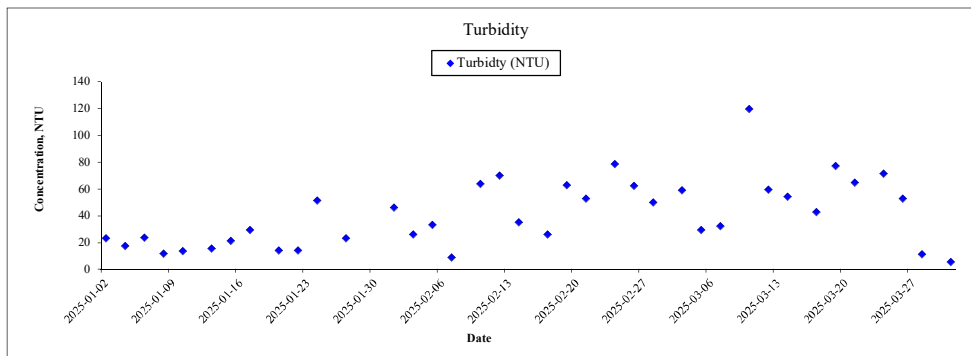
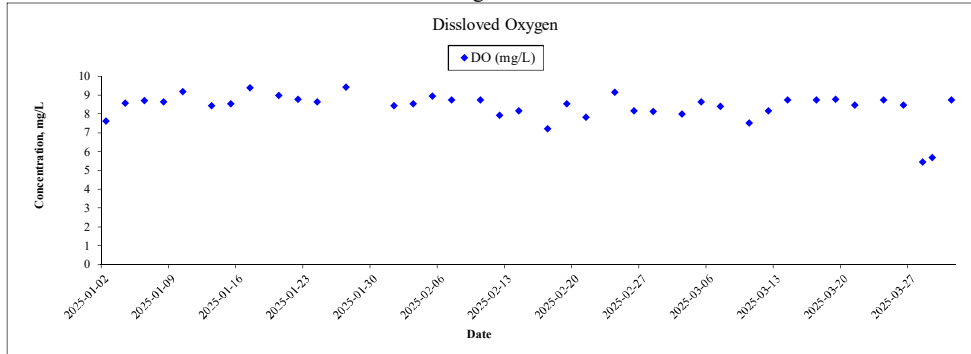
Monitoring Location: C6



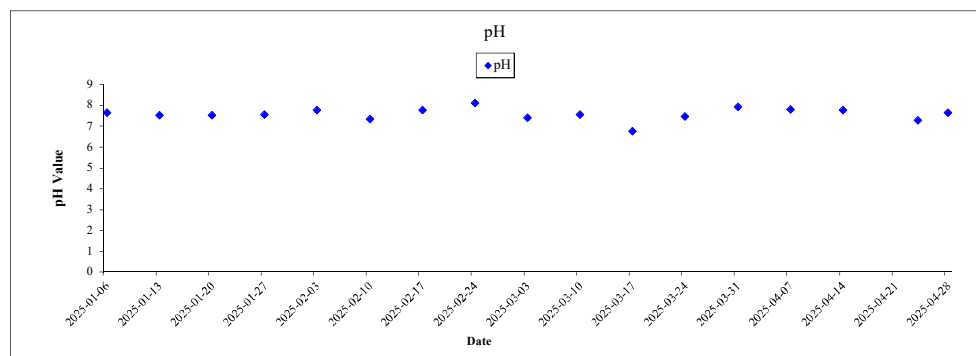
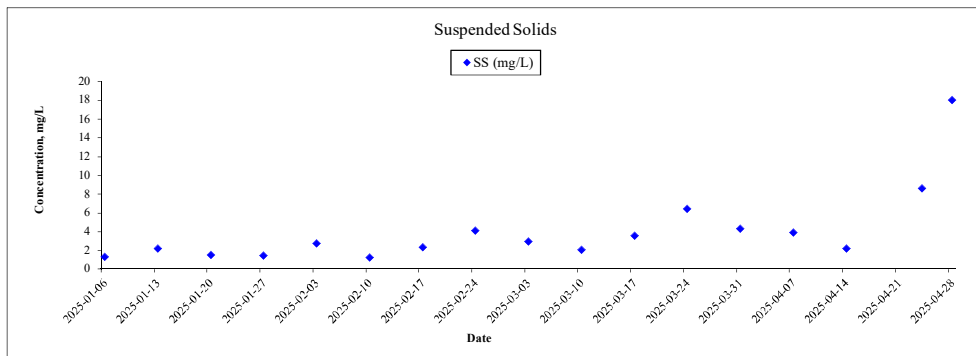
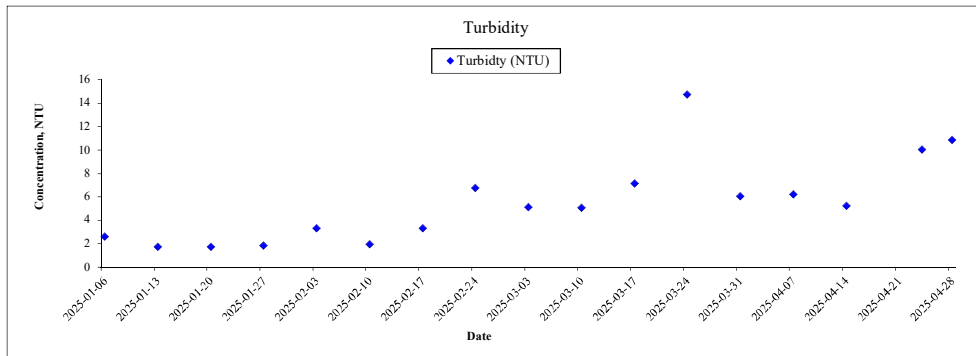
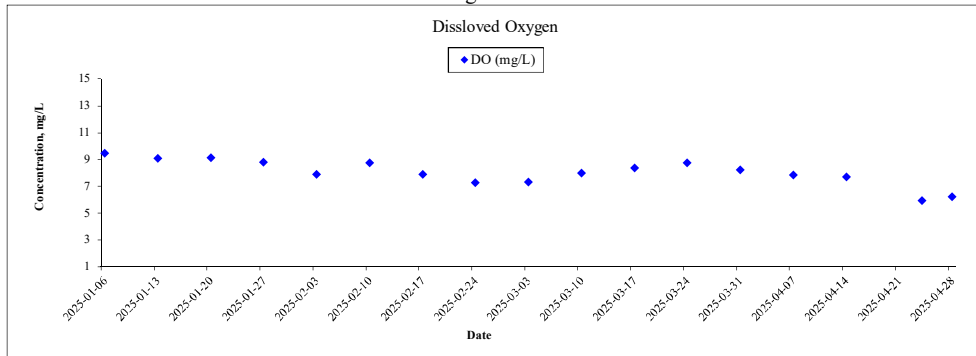
Monitoring Location: C5



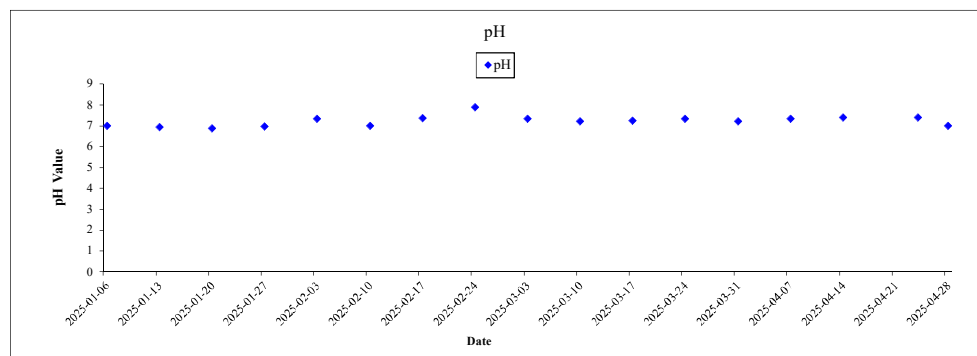
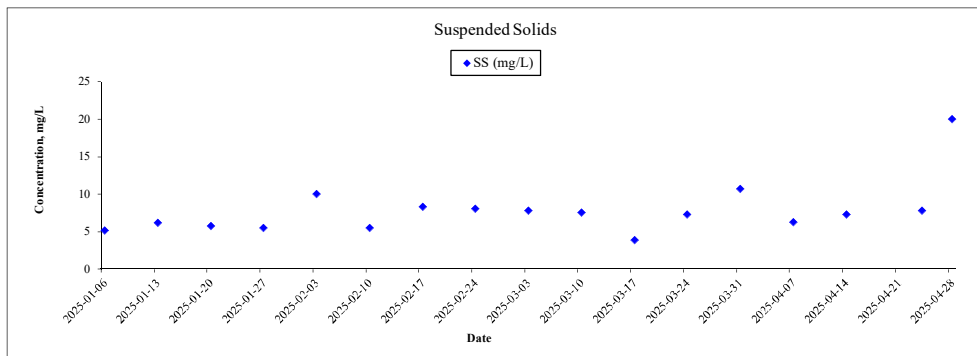
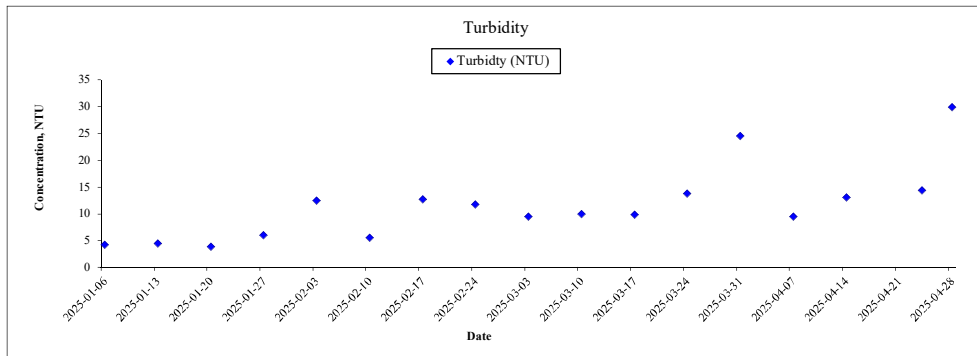
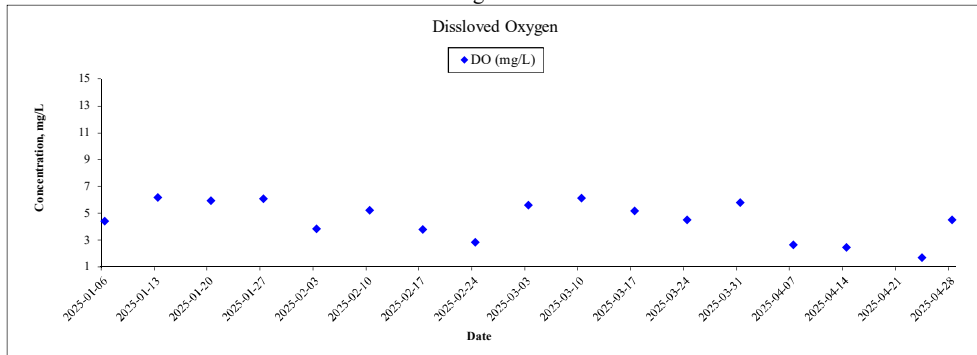
Monitoring Location: C4



Monitoring Location: C3A



Monitoring Location: C2



Monitoring Location: C1A

