

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)		Temperature (°C)		Turbidity (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C1A	20250707	Sunny	12:23	0.38	7.02	6.99	97.1	96.7	6.48	6.43	0.16	0.16	32.5	32.5	6.77	6.75	5.6	5.4	
C1A	20250707	Sunny	12:23	0.38	6.96		96.2		6.37		0.15		32.5		6.73		5.2		
C1A	20250714	Sunny	12:06	0.5	7.69	7.69	100.8	100.7	6.95	6.93	0.10	0.10	29.4	29.4	5.32	5.54	3.2	3.7	
C1A	20250714	Sunny	12:06	0.5	7.68		100.6		6.91		0.10		29.4		5.76		4.1		
C1A	20250725	Sunny	12:15	0.5	6.90		94.1		6.49		0.08		31.7		6.86		4.9		
C1A	20250725	Sunny	12:15	0.5	6.78	6.84	92.0	93.1	6.48	6.49	0.08	0.08	31.5	31.6	7.15	7.01	4.3	4.6	
C1A	20250731	Cloudy	12:23	0.5	7.66		95.4		7.34		0.04		26.6		5.02		3.6		
C1A	20250731	Cloudy	12:23	0.5	7.65	7.66	95.3	95.4	7.34	7.34	0.04	0.04	26.6	26.6	4.98	5.00	2.0	2.8	

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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)		Temperature (°C)		Turbidity (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C2	20250707	Sunny	15:38	0.4	2.76	2.76	37.3	37.3	6.95	6.96	0.14	0.14	31.1	31.1	3.94	3.8	2.3	2.5	
C2	20250707	Sunny	15:38	0.4	2.76		37.2		6.96		0.14		31.1		3.65		2.7		
C2	20250714	Sunny	11:53	0.6	6.31	6.31	82.0	82.0	7.3	7.3	0.07	0.07	29.0	29.0	4.05	4.06	3.5	3.4	
C2	20250714	Sunny	11:53	0.6	6.31		82.0		7.3		0.07		29.0		4.06		3.2		
C2	20250725	Sunny	12:02	0.3	7.16	7.16	93.8	93.9	7.01	7.01	0.05	0.05	29.4	29.4	4.79	4.8	<1.0	1.1	
C2	20250725	Sunny	12:02	0.3	7.16		93.9		7.01		0.05		29.4		4.81		1.1		
C2	20250731	Cloudy	12:13	0.6	6.91	6.91	89.8	89.8	7.01	7.01	0.04	0.04	29.0	29.0	7.01	6.98	1.7	1.8	
C2	20250731	Cloudy	12:13	0.6	6.91		89.8		7.01		0.04		29.0		6.94		1.9		



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	20250707	Sunny	15:30	0.45	5.63	5.67	72.1	72.7	7.86	7.73	0.02	0.02	28.1	28.2	5.88	5.81	2.8	2.3	
C3A	20250707	Sunny	15:30	0.45	5.71		73.2		7.6		0.02		28.2		5.74		1.8		
C3A	20250714	Sunny	11:40	0.65	7.40	7.51	93.6	94.9	8.05	7.91	0.02	0.02	27.4	27.4	7.93	7.65	1.9	1.9	
C3A	20250714	Sunny	11:40	0.65	7.62		96.2		7.77		0.02		27.3		7.37		1.9		
C3A	20250725	Sunny	11:55	0.45	7.13		91.4		6.95		0.01		28.2		8.17		1.6		
C3A	20250725	Sunny	11:55	0.45	7.13	7.13	91.5	91.5	6.98	6.97	0.01	0.01	28.2	28.2	7.34	7.76	<1.0	1.3	
C3A	20250731	Rainy	12:06	0.45	6.97	6.97	90.7	90.7	7.04	7.04	0.04	0.04	29.0	29.0	6.64	6.62	1.3	1.3	
C3A	20250731	Rainy	12:06	0.45	6.96		90.6		7.04		0.04		29.0		6.60		1.2		

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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)		Temperature (°C)		Turbidity (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C6	20250707	Sunny	11:23	0.22	7.17	7.1	95.1	94.1	7.54	7.53	0.14	0.14	30.1	30.1	14.71	15.07	6.1	6.0	
C6	20250707	Sunny	11:23	0.22	7.02		93.1		7.51		0.14		30.1		15.43		5.9		
C6	20250714	Sunny	10:50	0.2	6.99	6.92	90.7	89.8	7.94	7.95	0.17	0.17	28.9	28.9	7.21	7.34	3.1	4.3	
C6	20250714	Sunny	10:50	0.2	6.84		88.8		7.96		0.17		28.9		7.46		5.5		
C6	20250725	Sunny	11:00	0.24	6.51		84.1		7.30		0.12		28.6		12.30		3.2		
C6	20250725	Sunny	11:00	0.24	6.49	6.5	83.8	84.0	7.30	7.3	0.12	0.12	28.6	28.6	12.27	12.29	5.1	4.2	
C6	20250731	Rainy	11:22	0.3	6.65		85.0		7.20		0.09		28.0		6.24		<1.0		
C6	20250731	Rainy	11:22	0.3	6.64	6.65	84.9	85.0	7.20	7.2	0.09	0.09	28.0	28.0	6.30	6.27	<1.0	1.0	

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Water Quality Monitoring Result



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	20250707	Sunny	11:32	0.1	9.37	9.37	126.8	126.8	7.85	7.86	0.15	0.15	31.3	31.3	4.66	4.63	2.4	1.9	
C7A	20250707	Sunny	11:32	0.1	9.37		126.8		7.86		0.15		31.3		4.59		1.4		
C7A	20250714	Sunny	11:10	0.15	7.10	7.12	92.4	92.7	7.7	7.73	0.13	0.13	29.0	29.1	9.15	9.49	3.5	3.2	
C7A	20250714	Sunny	11:10	0.15	7.13		92.9		7.75		0.13		29.1		9.83		2.9		
C7A	20250725	Sunny	11:15	0.2	6.31		82.9		7.47		0.14		29.6		7.91		1.5		
C7A	20250725	Sunny	11:15	0.2	6.31	6.31	82.9	82.9	7.47	7.47	0.14	0.14	29.6	29.6	7.86	7.89	1.8	1.7	
C7A	20250731	Cloudy	11:32	0.2	7.40	7.39	91.7	92.1	7.39	7.43	0.04	0.04	26.3	26.3	4.99	5.04	1.2	1.3	
C7A	20250731	Cloudy	11:32	0.2	7.38		92.4		7.46		0.04		26.3		5.08		1.3		

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Water Quality Monitoring Result



Water Quality Monitoring Location: C8

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	
C8	20250707	Sunny	11:45	0.14	5.71	5.63	77.8	76.8	7.45	7.42	0.12	0.12	31.7	31.7	8.99	8.52	4.7	5.4	
C8	20250707	Sunny	11:45	0.14	5.55		75.7		7.38		0.12		31.7		8.05		6.1		
C8	20250714	Sunny	11:20	0.25	7.61	7.6	98.7	98.6	7.68	7.72	0.10	0.1	28.8	28.8	7.86	7.78	2.2	3.3	
C8	20250714	Sunny	11:20	0.25	7.59		98.5		7.76		0.10		28.8		7.69		4.3		
C8	20250725	Sunny	11:25	0.2	6.70		90.4		6.7		0.10		31.1		10.61		3.3		
C8	20250725	Sunny	11:25	0.2	6.59	6.65	88.9	89.7	6.65	6.68	0.10	0.10	31.1	31.1	10.74	10.68	3.1	3.2	
C8	20250731	Cloudy	11:37	0.14	7.42	7.43	93.8	93.9	7.42	7.30	0.01	0.01	27.9	27.9	3.57	3.44	<1.0	1.0	
C8	20250731	Cloudy	11:37	0.14	7.43		94.0		7.17		0.01		27.9		3.30		<1.0		

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Water Quality Monitoring Location: C9

Location	Date	Weather	Time	Water Depth (m)	Dissolved Oxygen (mg/L)		Dissolved Oxygen Saturation (%)		pH		Salinity (ppt)		Temperature (°C)		Turbidity (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C9	20250707	Sunny	10:46	0.16	7.49	7.49	95.0	95.0	7.69	7.67	0.08	0.08	27.5	27.5	4.48	4.55	6.4	8.7	
C9	20250707	Sunny	10:46	0.16	7.49		94.9		7.65		0.08		27.5		4.61		11.0		
C9	20250714	Sunny	10:23	0.2	6.69	6.67	84.9	84.6	7.86	7.91	0.09	0.09	27.7	27.7	6.68	6.86	<1.0	1.0	
C9	20250714	Sunny	10:23	0.2	6.64		84.2		7.95		0.09		27.7		7.03		<1.0		
C9	20250725	Fine	10:23	0.3	7.21		89.1		7.37		0.05		26.1		6.18		<1.0		
C9	20250725	Fine	10:23	0.3	7.22	7.22	89.2	89.2	7.33	7.35	0.05	0.05	26.1	26.1	5.82	6.00	<1.0	1.0	
C9	20250731	Rainy	10:23	0.7	7.65		94.1		7.34		0.05		25.8		5.79		1.4		
C9	20250731	Rainy	10:23	0.7	7.66	7.66	94.1	94.1	7.33	7.34	0.05	0.05	25.8	25.8	5.69	5.74	<1.0	1.2	

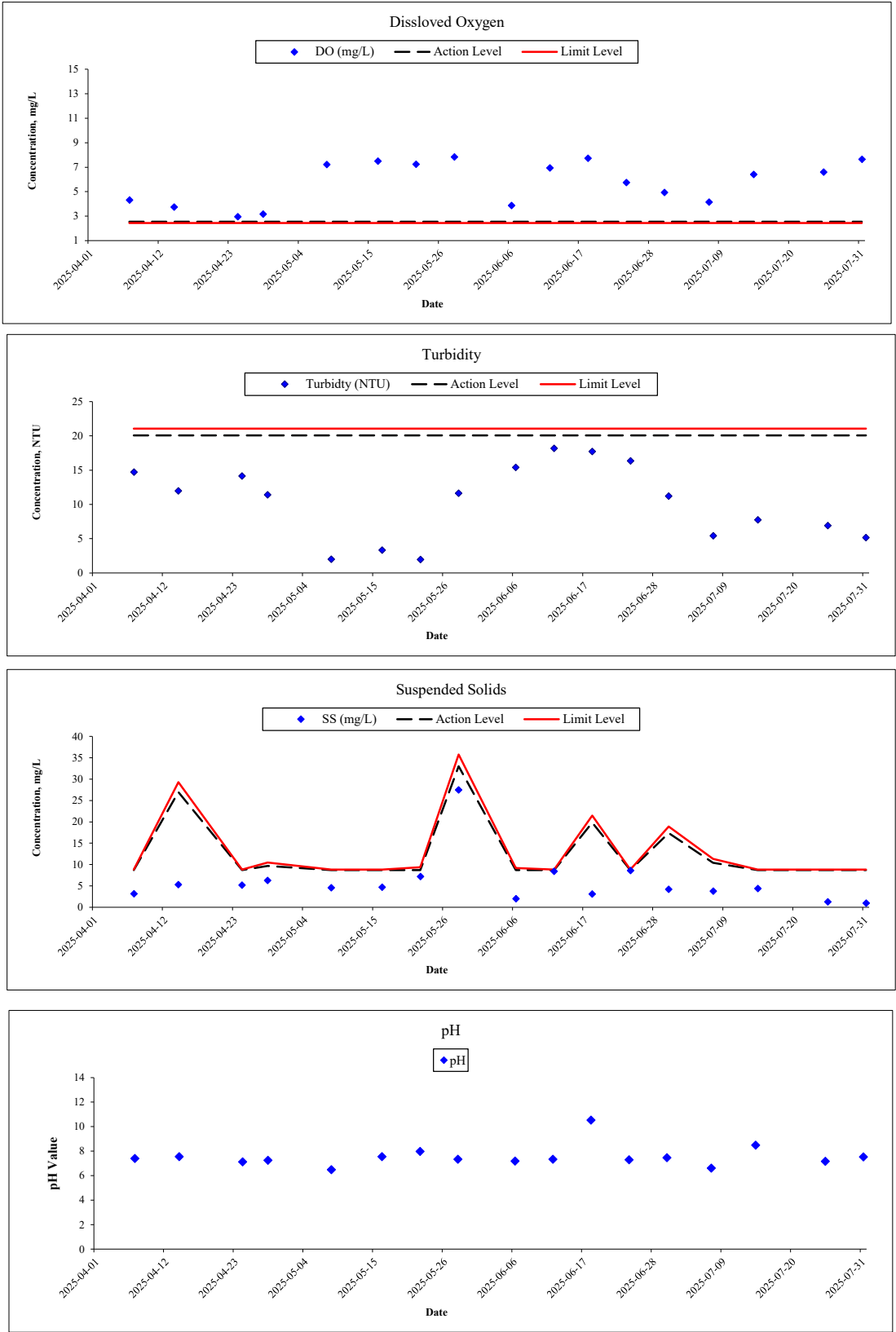
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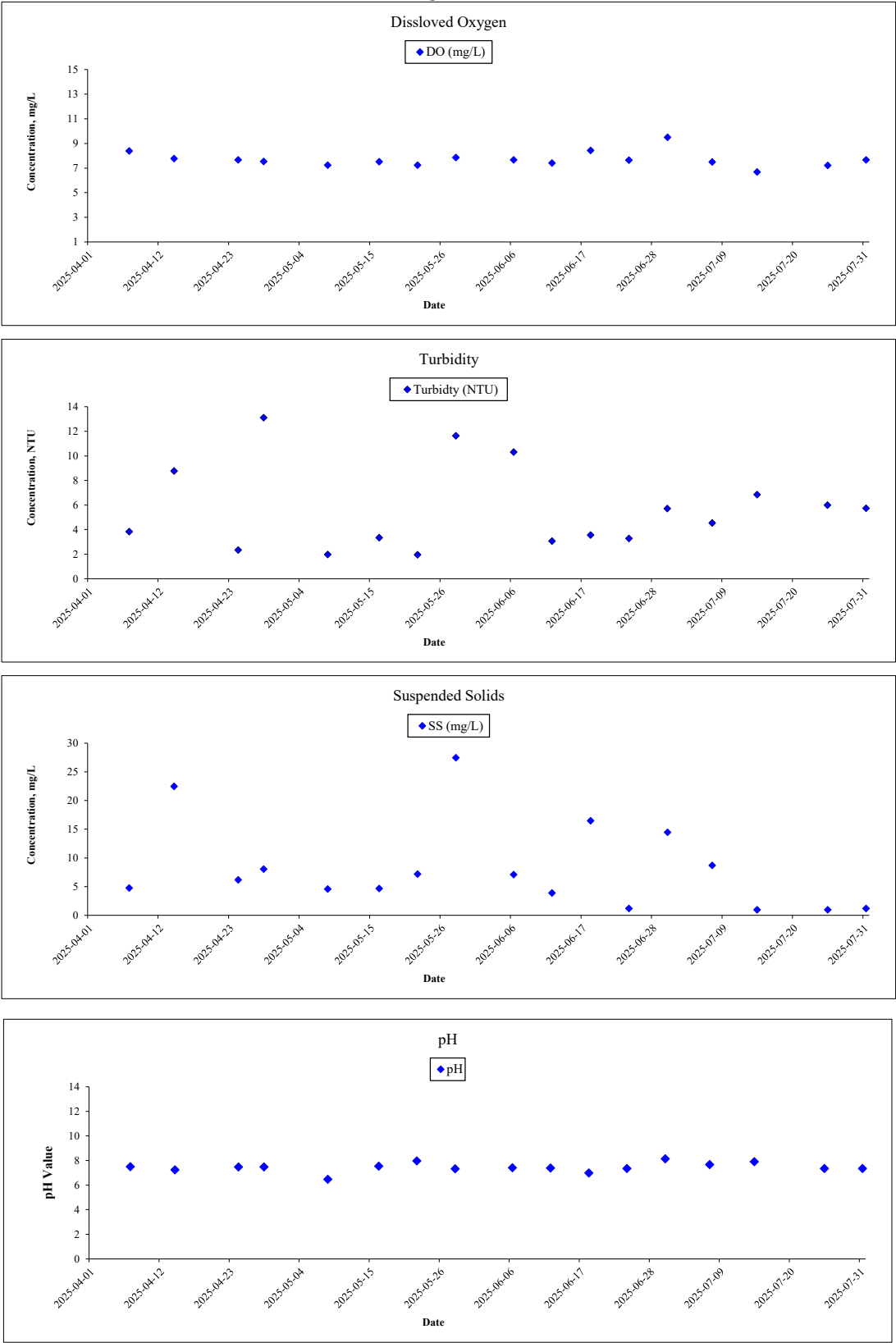
Water Quality Monitoring Location: C10

Location	Date	Weather	Time	Water Depth (m)	Dissolved Oxygen (mg/L)		Dissolved Oxygen Saturation (%)		pH		Salinity (ppt)		Temperature (°C)		Turbidity (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C10	20250707	Sunny	10:58	0.16	4.21	4.15	55.2	54.4	6.6	6.61	0.12	0.12	29.5	29.5	5.67	5.45	4.0	3.8	
C10	20250707	Sunny	10:58	0.16	4.08		53.6		6.61		0.12		29.5		5.22		3.5		
C10	20250714	Sunny	10:35	0.24	6.26	6.41	79.5	81.6	8.58	8.49	0.10	0.10	27.7	27.7	7.80	7.75	5.8	4.4	
C10	20250714	Sunny	10:35	0.24	6.56		83.7		8.39		0.09		27.7		7.70		3.0		
C10	20250725	Fine	10:35	0.3	6.61	6.61	83.3	83.3	7.15	7.16	0.05	0.06	27.2	27.2	6.89	6.92	1.6	1.3	
C10	20250725	Fine	10:35	0.3	6.61		83.2		7.16		0.06		27.2		6.94		<1.0		
C10	20250731	Rainy	10:37	0.3	7.66	7.66	94.4	94.4	7.39	7.52	0.04	0.04	26.0	26.0	5.23	5.16	1.0	1.0	
C10	20250731	Rainy	10:37	0.3	7.65		94.4		7.65		0.04		26.0		5.08		<1.0		

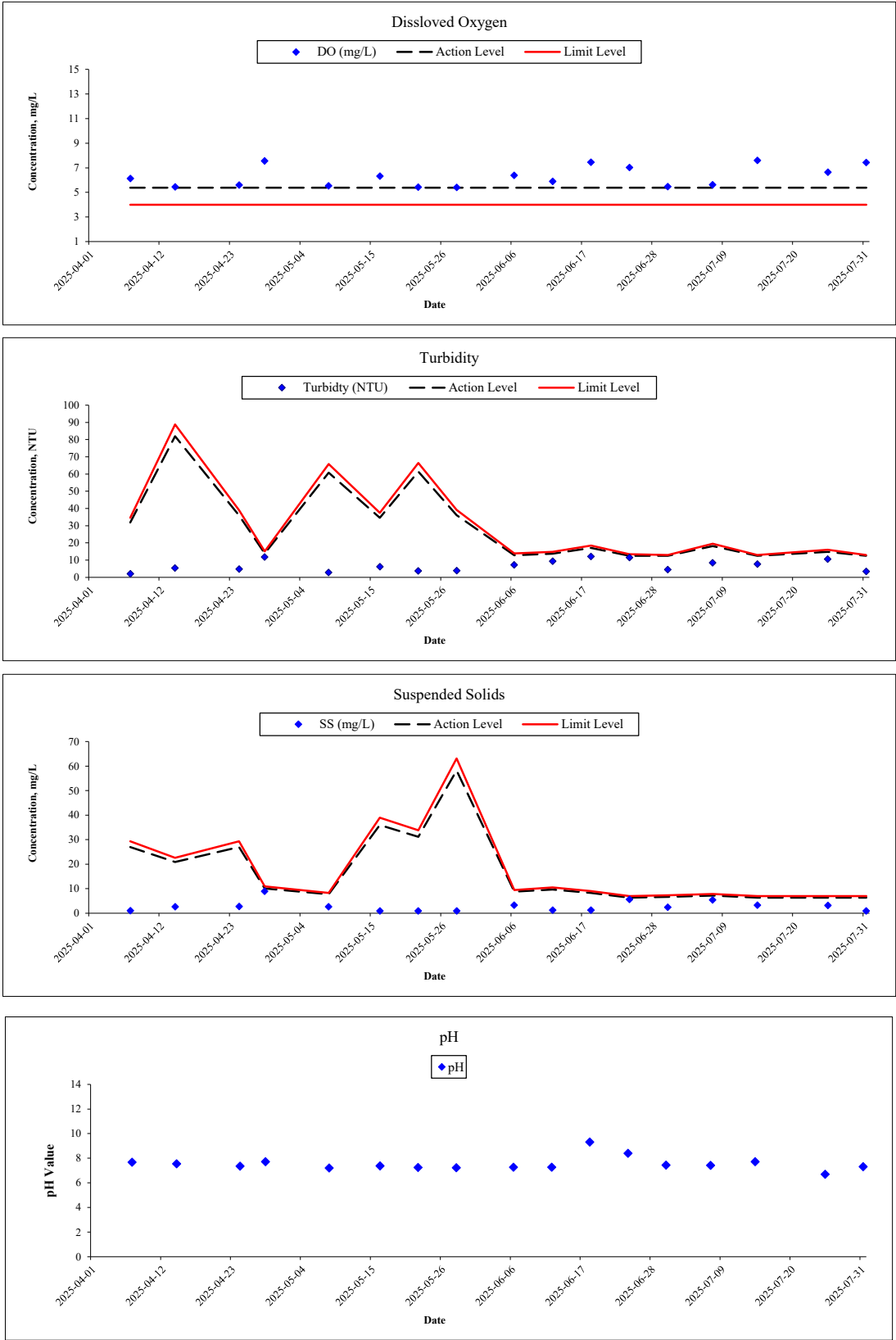
Monitoring Location: C10



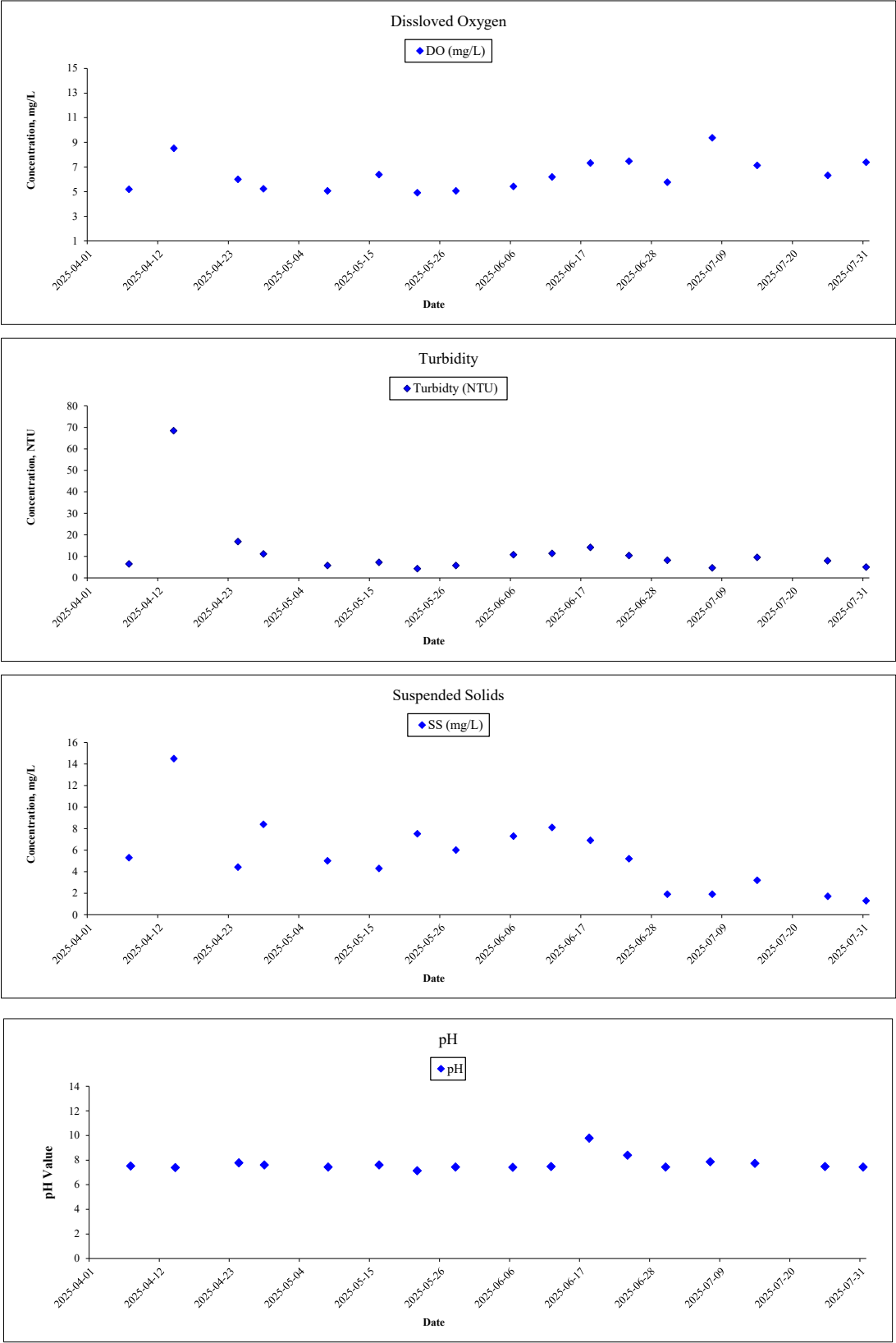
Monitoring Location: C9



Monitoring Location: C8

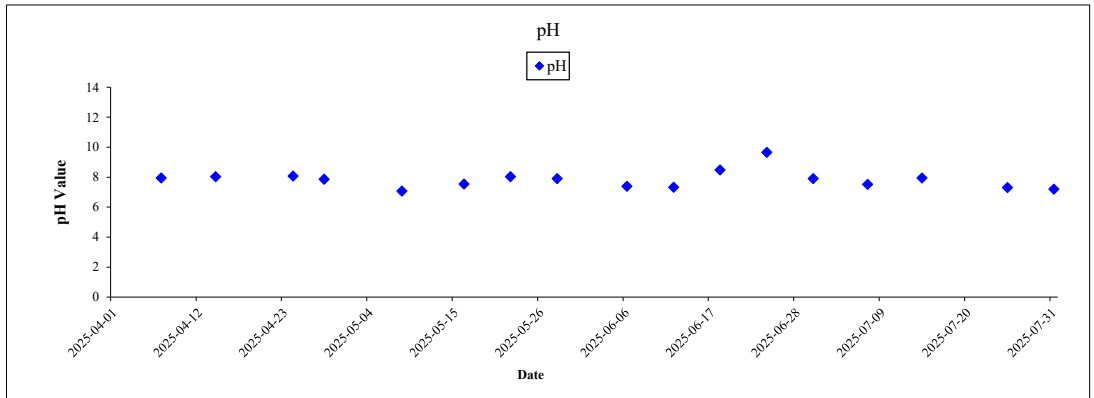
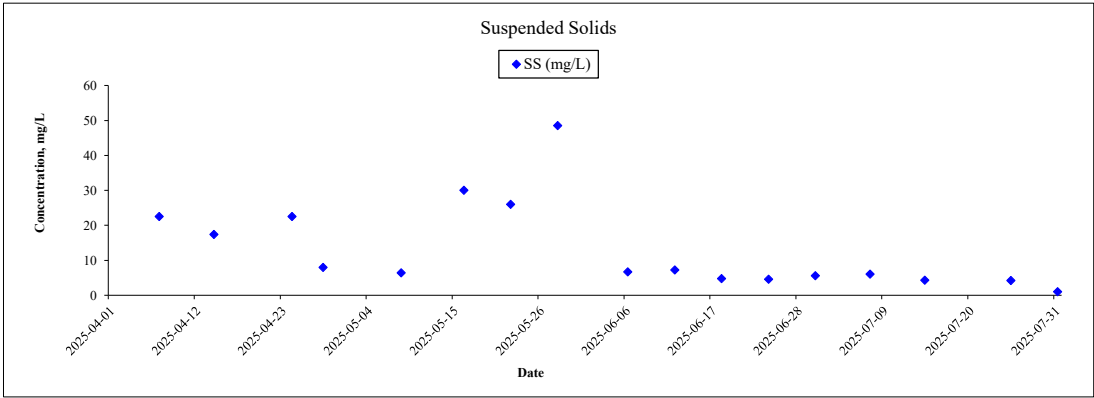
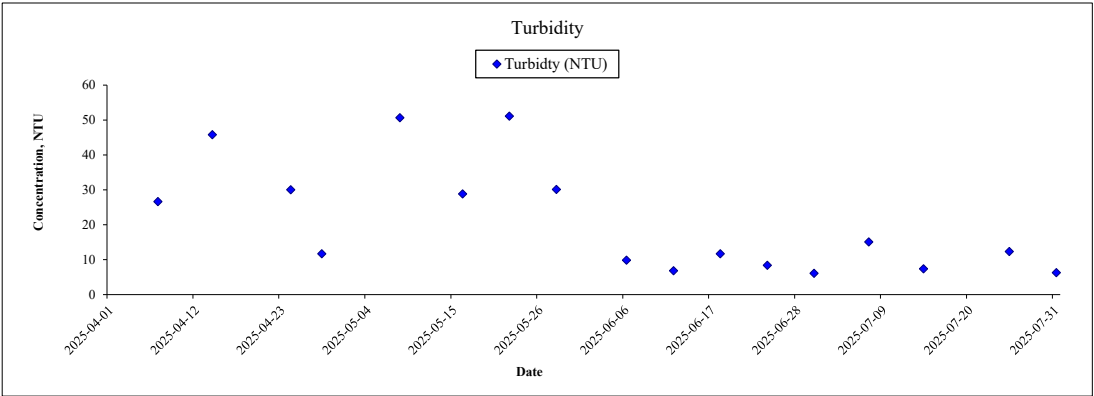
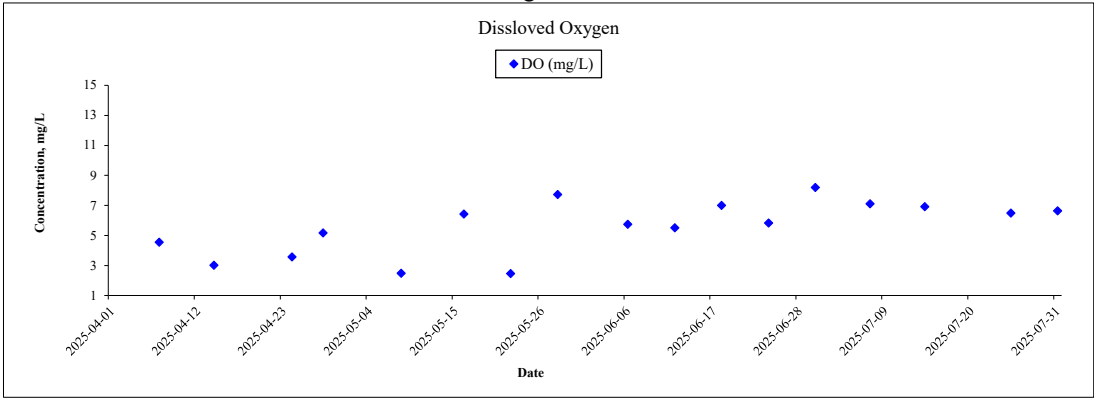


Monitoring Location: C7A

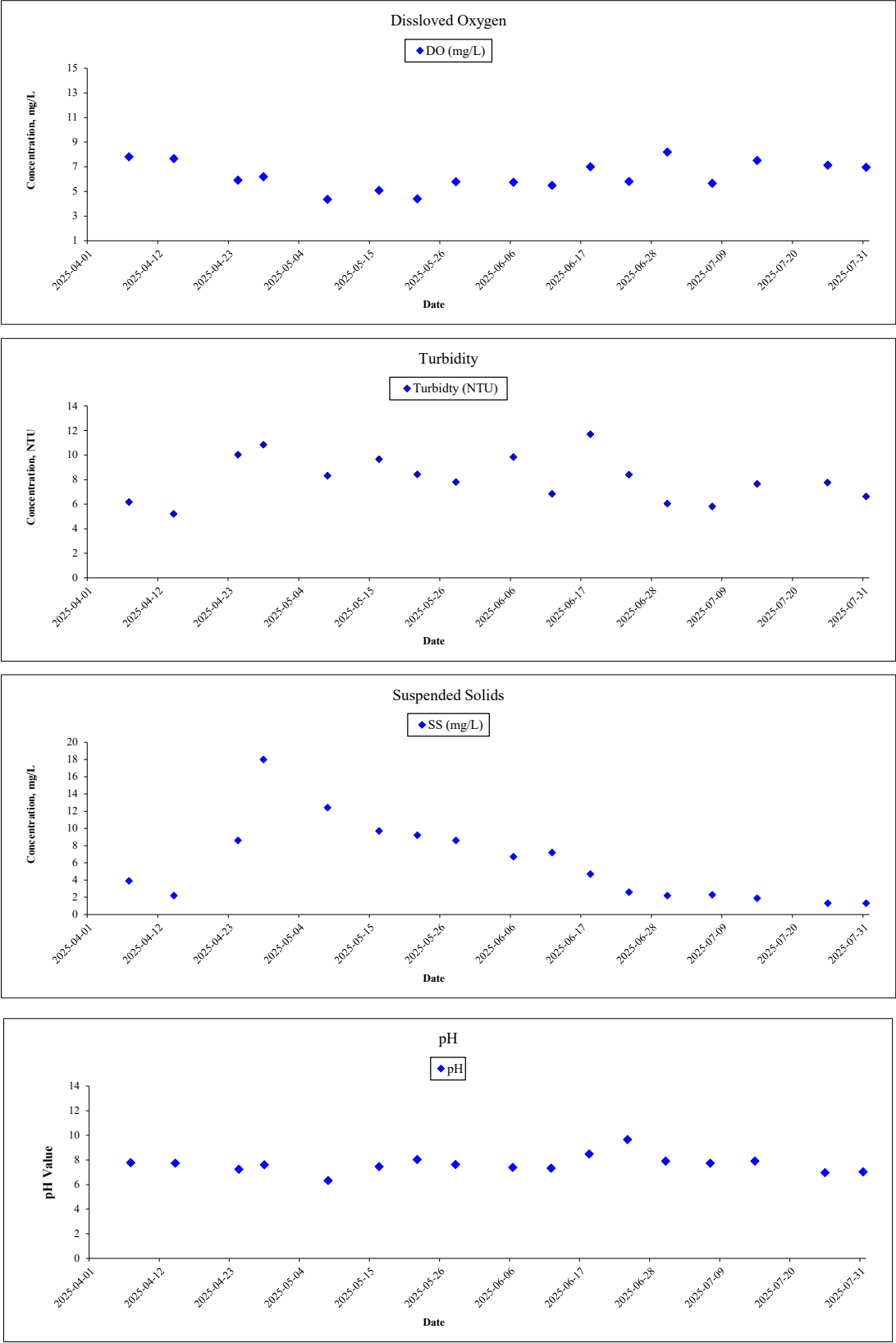




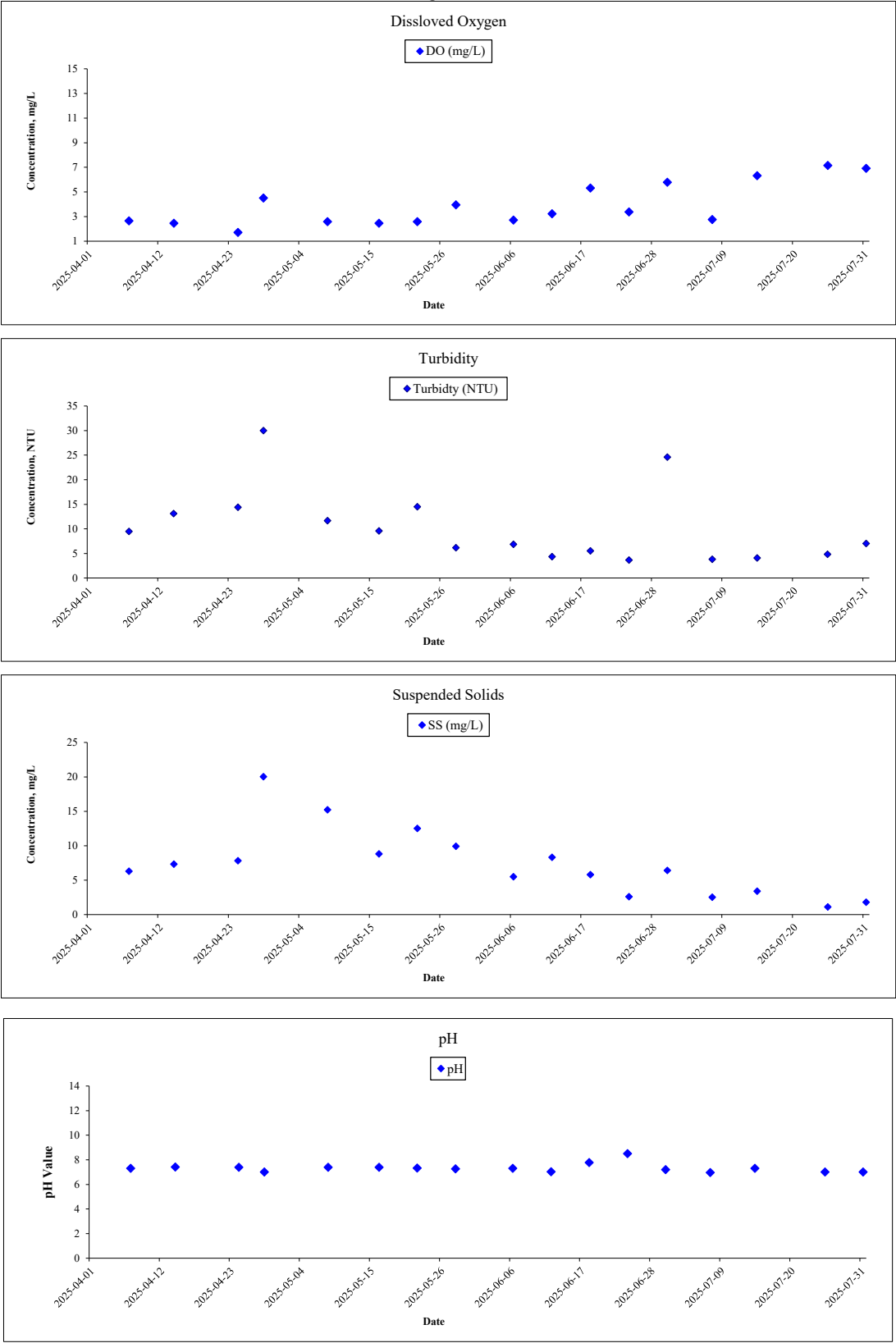
Monitoring Location: C6



Monitoring Location: C3A



Monitoring Location: C2



Monitoring Location: C1A

