

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	20250508	Cloudy	12:30	0.38	6.73	6.86	88.1	89.5	6.07	6.07	0.15	0.15	29.3	29.3	8.79	8.74	4.1	4.1	
C1A	20250508	Cloudy	12:30	0.38	6.98		90.9		6.07		0.15		29.2		8.69		4.0		
C1A	20250516	Sunny	11:00	0.36	6.77	6.76	96.5	96.4	7.78	7.76	0.11	0.11	34.4	34.4	7.59	7.64	1.2	1.8	
C1A	20250516	Sunny	11:00	0.36	6.75		96.3		7.73		0.11		34.4		7.69		2.3		
C1A	20250522	Sunny	12:10	0.38	6.90	6.90	89.6	89.6	6.33	6.24	0.11	0.11	32.2	32.2	9.17	9.15	6.6	6.8	
C1A	20250522	Sunny	12:10	0.38	6.90		89.6		6.14		0.11		32.2		9.13		6.9		
C1A	20250528	Cloudy	12:45	0.38	6.80	6.80	88.2	88.5	7.04	7.05	0.19	0.19	26.6	26.6	10.12	10.16	3.2	4.1	
C1A	20250528	Cloudy	12:45	0.38	6.80		88.7		7.05		0.19		26.6		10.20		5.0		

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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	20250508	Cloudy	12:15	0.40	2.59	2.59	32.8	32.8	7.40	7.40	0.22	0.22	27.4	27.4	11.68	11.66	15.2	15.2	
C2	20250508	Cloudy	12:15	0.40	2.59		32.8		7.40		0.22		27.4		11.64		15.1		
C2	20250516	Sunny	11:46	0.30	2.45	2.45	31.8	31.8	7.40	7.40	0.29	0.29	26.1	26.1	9.44	9.54	9.6	8.8	
C2	20250516	Sunny	11:46	0.30	2.45		31.8		7.40		0.29		26.1		9.63		7.9		
C2	20250522	Sunny	12:05	0.32	2.59	2.59	32.8	32.8	7.33	7.33	0.19	0.19	32.6	32.6	14.34	14.49	10.0	12.5	
C2	20250522	Sunny	12:05	0.32	2.59		32.8		7.33		0.19		32.6		14.64		15.0		
C2	20250528	Cloudy	12:30	0.35	4.26	3.95	52.3	48.5	7.29	7.27	0.27	0.27	25.7	25.7	5.53	6.12	7.7	9.9	
C2	20250528	Cloudy	12:30	0.35	3.64		44.7		7.25		0.27		25.7		6.71		12.0		

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Water Quality Monitoring Result



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	20250508	Cloudy	12:09	0.16	4.28	4.37	52.7	53.8	6.19	6.33	0.02	0.02	25.9	25.9	8.21	8.30	10.9	12.4	
C3A	20250508	Cloudy	12:09	0.16	4.46		54.8		6.46		0.02		25.9		8.38		13.9		
C3A	20250516	Sunny	10:43	0.14	5.11	5.09	62.0	62.0	7.32	7.46	0.01	0.02	25.1	25.3	10.58	9.65	7.3	9.7	
C3A	20250516	Sunny	10:43	0.14	5.06		61.9		7.59		0.02		25.5		8.71		12.0		
C3A	20250522	Sunny	12:00	0.16	4.44	4.40	54.6	54.1	8.12	8.04	0.03	0.03	30.1	30.1	8.36	8.41	8.3	9.2	
C3A	20250522	Sunny	12:00	0.16	4.35		53.5		7.96		0.03		30.1		8.46		10.0		
C3A	20250528	Cloudy	12:20	0.21	5.88	5.79	69.5	68.5	7.73	7.63	0.02	0.02	23.8	23.9	7.67	7.79	7.1	8.6	
C3A	20250528	Cloudy	12:20	0.21	5.70		67.5		7.53		0.02		23.9		7.90		10.0		

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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	20250508	Cloudy	11:29	0.24	2.22	2.48	28.0	31.3	7.07	7.07	1.43	1.43	27.00	27.05	52.53	50.66	6.0	6.4	
C6	20250508	Cloudy	11:29	0.24	2.73		34.5		7.07		1.42		27.10		48.78		6.8		
C6	20250516	Sunny	12:00	0.18	6.43	6.42	80.2	80.0	7.55	7.55	0.21	0.21	26.60	26.60	29.63	28.79	26.0	30.0	
C6	20250516	Sunny	12:00	0.18	6.40		79.7		7.55		0.21		26.60		27.94		34.0		
C6	20250522	Sunny	11:11	0.24	2.29	2.45	29.0	31.0	8.07	8.03	1.39	1.39	27.00	27.05	51.75	51.12	34.0	26.0	
C6	20250522	Sunny	11:11	0.24	2.61		33.0		7.99		1.39		27.10		50.48		18.0		
C6	20250528	Cloudy	11:35	0.20	7.59	7.73	94.0	95.8	7.90	7.90	0.78	0.78	26.00	26.00	29.59	30.08	56.0	48.5	
C6	20250528	Cloudy	11:35	0.20	7.87		97.5		7.90		0.78		26.00		30.56		41.0		

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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	20250508	Cloudy	11:35	0.12	5.09	5.07	62.7	62.5	7.48	7.44	0.18	0.18	27.8	27.8	6.04	5.72	3.9	5.0	
C7A	20250508	Cloudy	11:35	0.12	5.05		62.3		7.4		0.18		27.8		5.39		6.1		
C7A	20250516	Sunny	12:25	0.08	6.38	6.38	81.6	81.6	7.61	7.61	0.17	0.17	28.0	28.0	7.26	7.27	3.5	4.3	
C7A	20250516	Sunny	12:25	0.08	6.38		81.6		7.61		0.17		28.0		7.28		5.1		
C7A	20250522	Sunny	11:22	0.10	4.92	4.92	62.6	62.6	7.13	7.13	0.19	0.19	31.4	31.6	4.31	4.31	6.2	7.5	
C7A	20250522	Sunny	11:22	0.10	4.91		62.6		7.13		0.19		31.7		4.30		8.8		
C7A	20250528	Cloudy	11:50	0.08	5.09	5.07	62.7	62.4	7.48	7.44	0.18	0.18	26.0	26.0	6.04	5.72	7.6	6.0	
C7A	20250528	Cloudy	11:50	0.08	5.04		62.1		7.39		0.18		26.0		5.40		4.4		

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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	20250508	Cloudy	11:42	0.23	5.54	5.54	68.3	68.3	7.19	7.2	0.15	0.15	27.4	27.4	2.76	2.83	2.2	2.7	
C8	20250508	Cloudy	11:42	0.23	5.54		68.3		7.2		0.15		27.3		2.90		3.2		
C8	20250516	Sunny	12:30	0.10	6.33	6.33	80.1	80.1	7.45	7.37	0.14	0.14	27.4	27.4	6.12	6.25	<1.0	1.0	
C8	20250516	Sunny	12:30	0.10	6.33		80.1		7.28		0.14		27.3		6.38		<1.0		
C8	20250522	Sunny	11:28	0.18	5.44	5.43	67.1	67.1	7.24	7.24	0.20	0.20	31.3	31.3	3.64	3.73	<1.0	1.0	
C8	20250522	Sunny	11:28	0.18	5.42		67.0		7.24		0.20		31.2		3.82		<1.0		
C8	20250528	Cloudy	11:58	0.14	5.40	5.41	66.6	67.4	7.25	7.23	0.15	0.15	26.0	26.0	4.02	3.90	<1.0	1.0	
C8	20250528	Cloudy	11:58	0.14	5.42		68.1		7.21		0.15		26.0		3.77		<1.0		

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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	20250508	Cloudy	10:16	0.18	7.23	7.23	87.4	87.4	6.47	6.47	0.10	0.10	24.9	24.9	1.81	1.99	5.3	4.6	
C9	20250508	Cloudy	10:16	0.18	7.23		87.4		6.47		0.10		24.9		2.17		3.9		
C9	20250516	Sunny	11:23	0.18	7.50	7.50	89.4	89.4	7.54	7.54	0.09	0.09	24.2	24.2	3.02	3.35	5.6	4.7	
C9	20250516	Sunny	11:23	0.18	7.50		89.3		7.53		0.09		24.1		3.67		3.8		
C9	20250522	Sunny	10:19	0.20	7.24	7.24	87.4	87.4	7.91	7.97	0.09	0.09	26.56	26.6	1.83	1.97	4.9	7.2	
C9	20250522	Sunny	10:19	0.20	7.24		87.4		8.03		0.09		26.56		2.10		9.5		
C9	20250528	Cloudy	11:02	0.20	7.85	7.85	91.3	91.3	7.33	7.33	0.09	0.09	22.9	22.9	11.99	11.65	26.0	27.5	
C9	20250528	Cloudy	11:02	0.20	7.85		91.3		7.33		0.09		22.9		11.30		29.0		

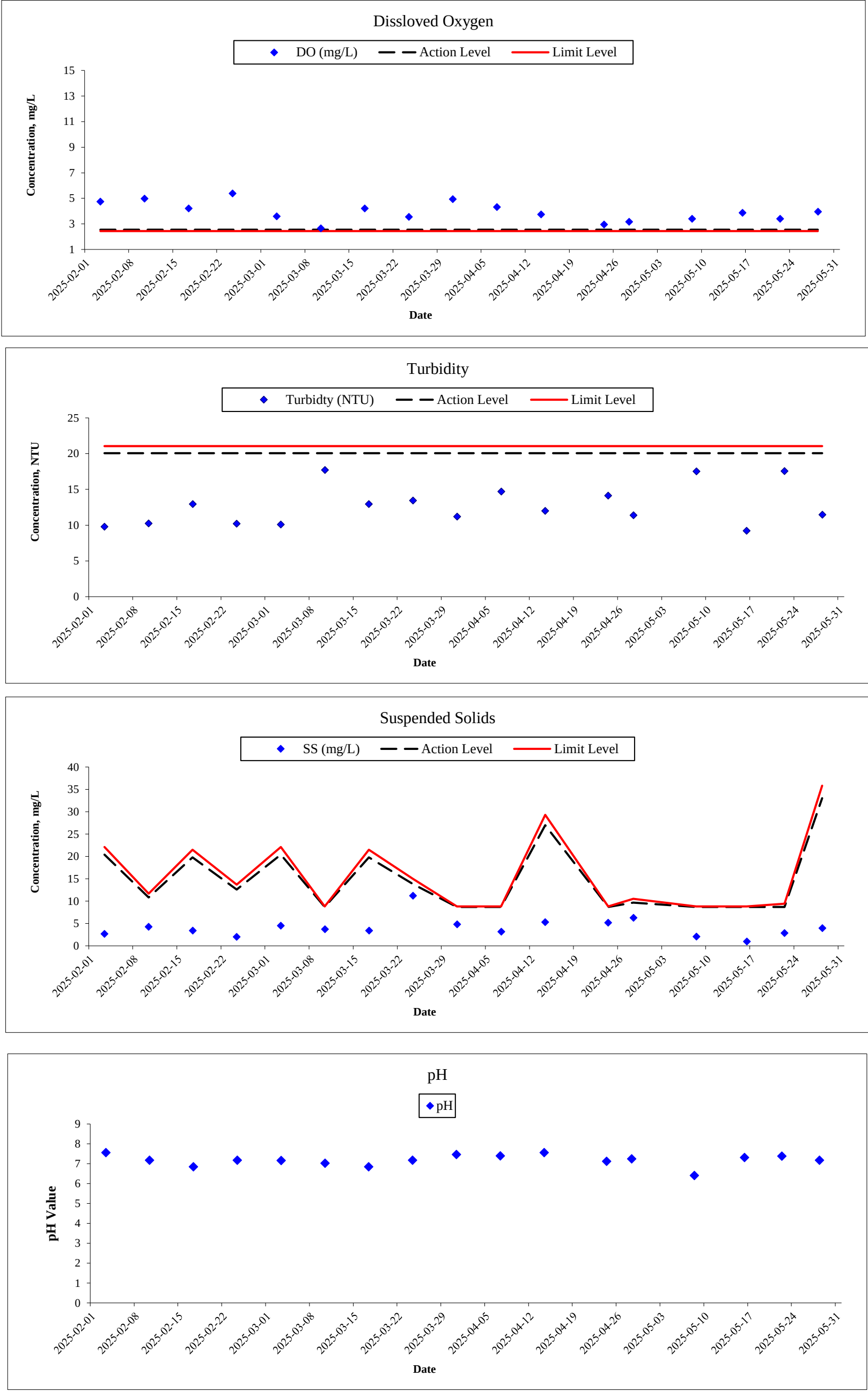
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Water Quality Monitoring Result



Water Quality Monitoring Location: C10

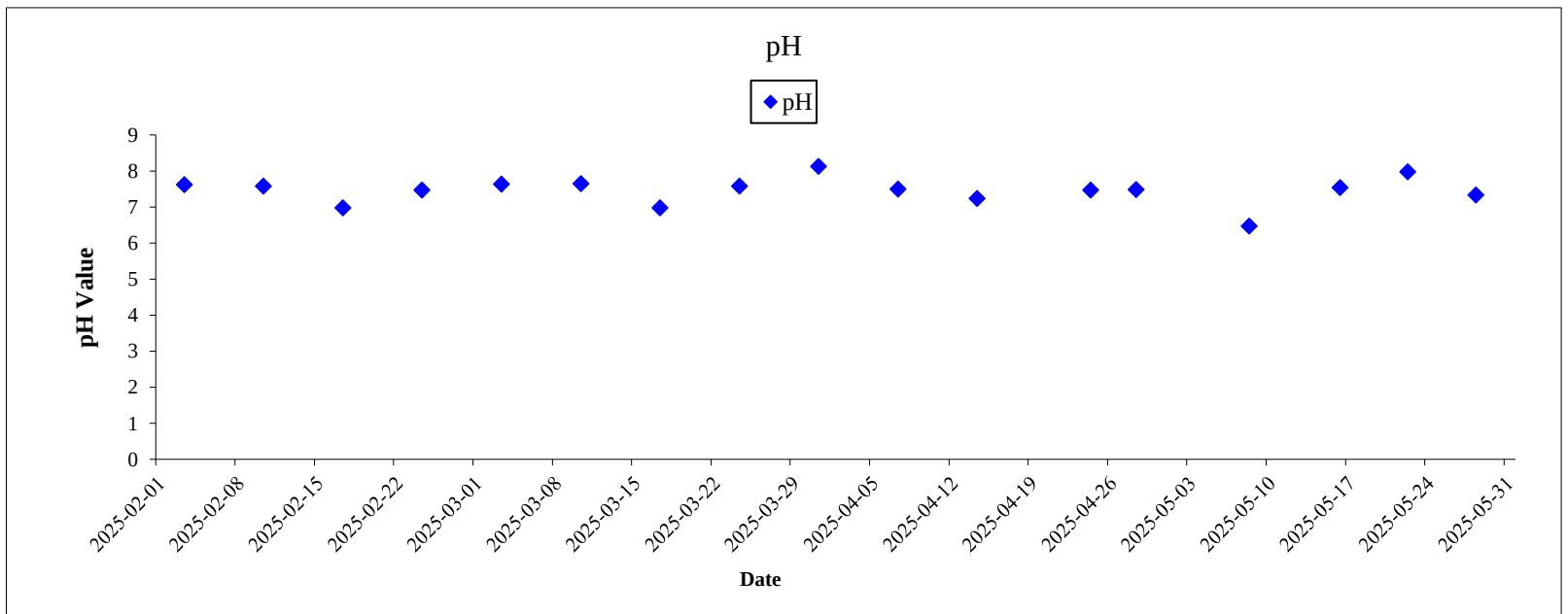
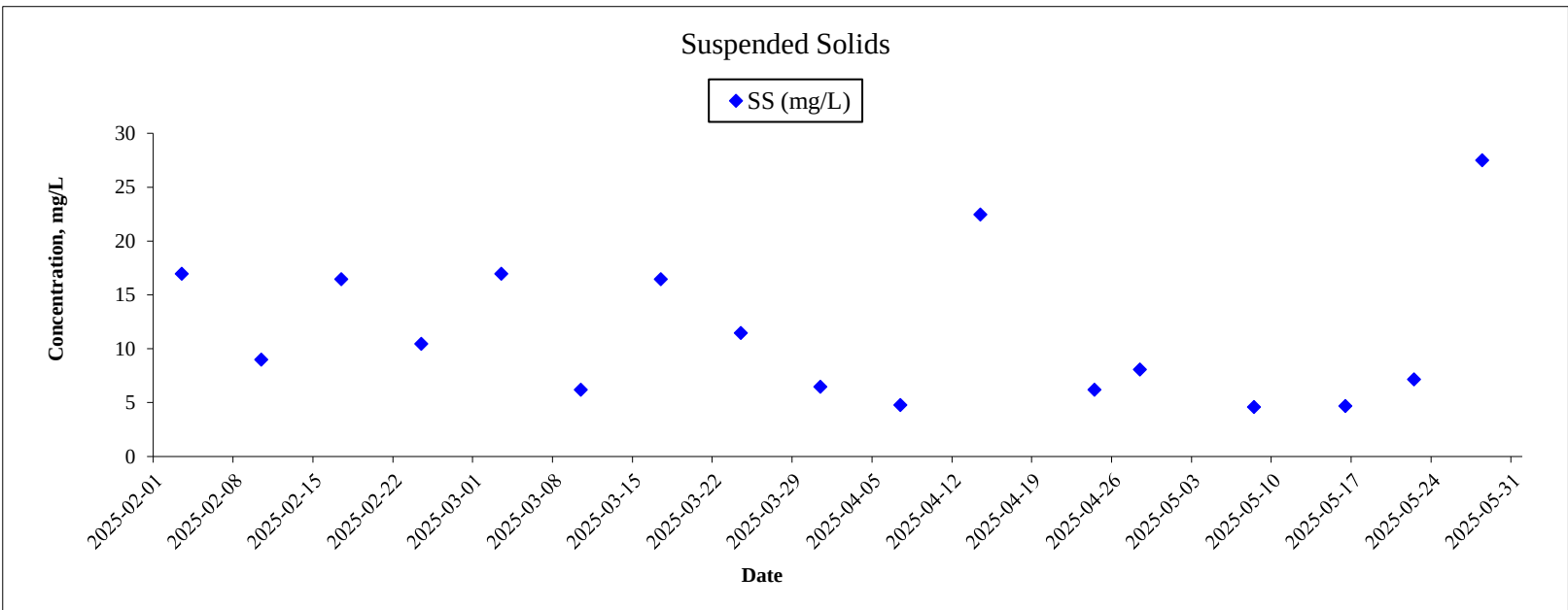
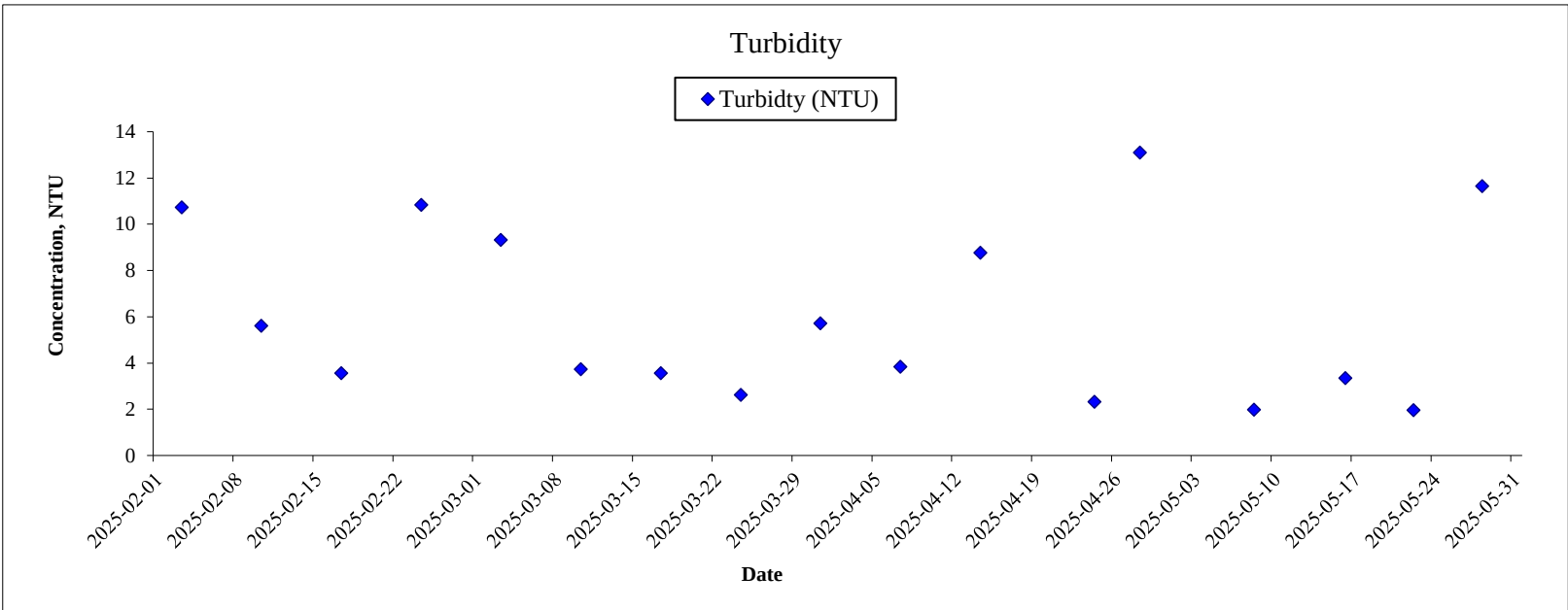
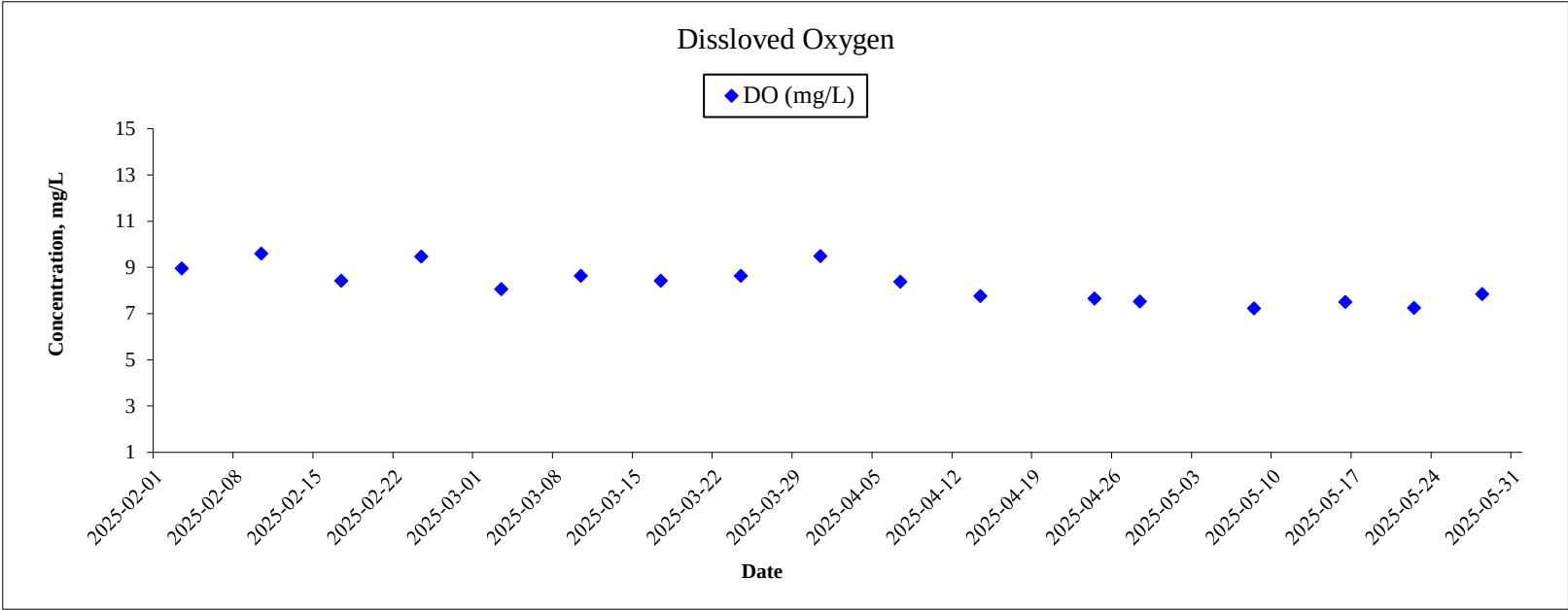
Location	Date	Weather	Time	Water Depth (m)	Dissolved Oxygen (mg/L)		Dissolved Oxygen Saturation (%)		pH		Salinity (ppt)		Tempertuare (°C)		Turbidity (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C10	20250508	Cloudy	10:29	0.18	3.27	3.41	41.0	42.7	6.37	6.41	0.16	0.16	27.0	27.0	17.79	17.53	1.8	2.1	
C10	20250508	Cloudy	10:29	0.18	3.54		44.3		6.45		0.16		26.9		17.26		2.4		
C10	20250516	Sunny	11:35	0.16	3.91	3.88	48.5	48.1	7.34	7.31	0.16	0.16	26.3	26.3	9.38	9.22	<1.0	1.0	
C10	20250516	Sunny	11:35	0.16	3.85		47.7		7.27		0.16		26.2		9.06		<1.0		
C10	20250522	Sunny	10:34	0.16	3.27	3.40	41.0	42.7	7.33	7.38	0.13	0.13	28.3	28.4	17.91	17.57	2.0	2.9	
C10	20250522	Sunny	10:34	0.16	3.53		44.3		7.42		0.13		28.5		17.23		3.7		
C10	20250528	Cloudy	10:35	0.21	3.98	3.97	48.1	48.0	7.16	7.17	0.16	0.16	24.9	24.9	11.12	11.47	5.1	4.0	
C10	20250528	Cloudy	10:35	0.21	3.96		47.9		7.17		0.16		24.9		11.82		2.8		

Monitoring Location: C10



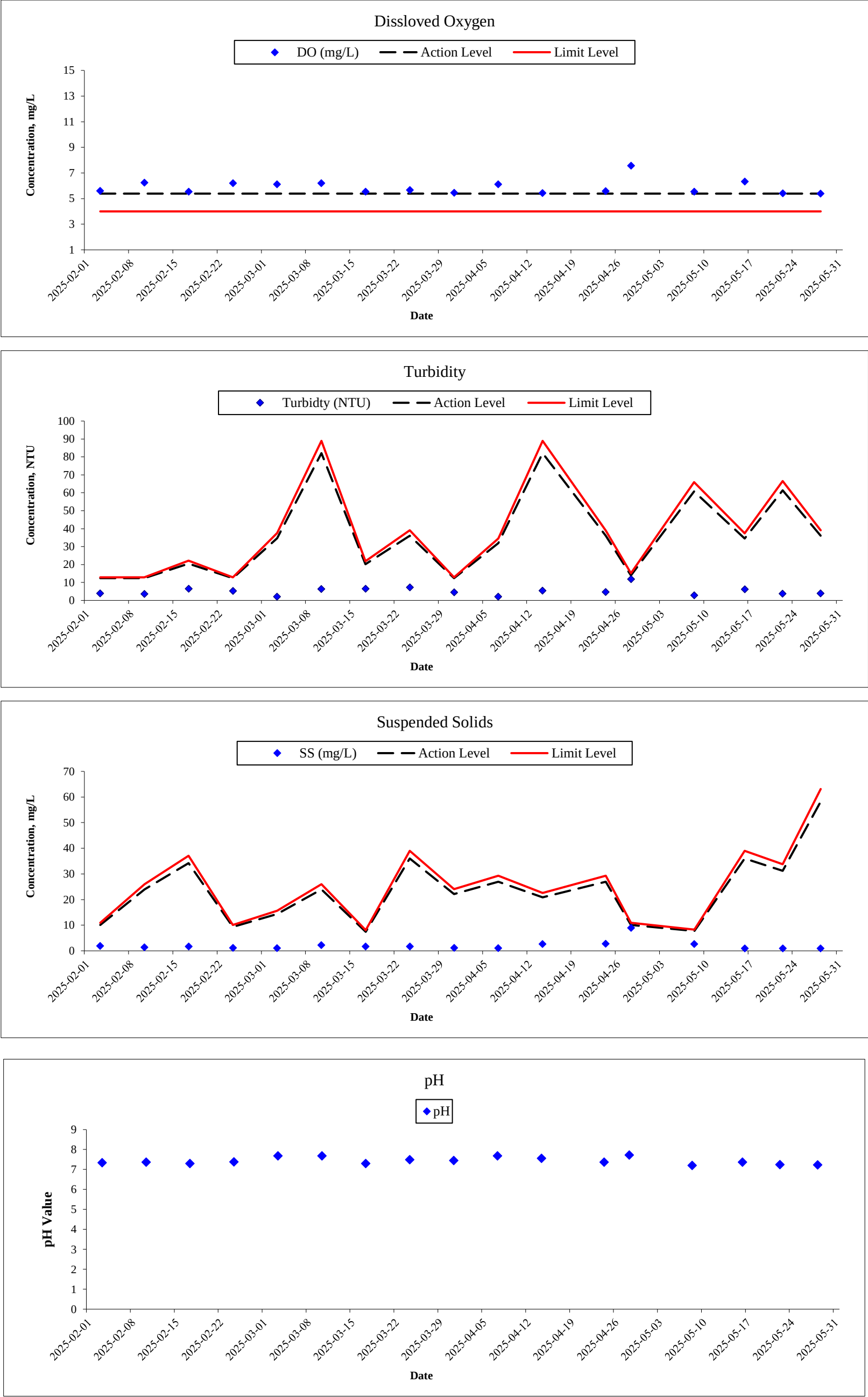


Monitoring Location: C9



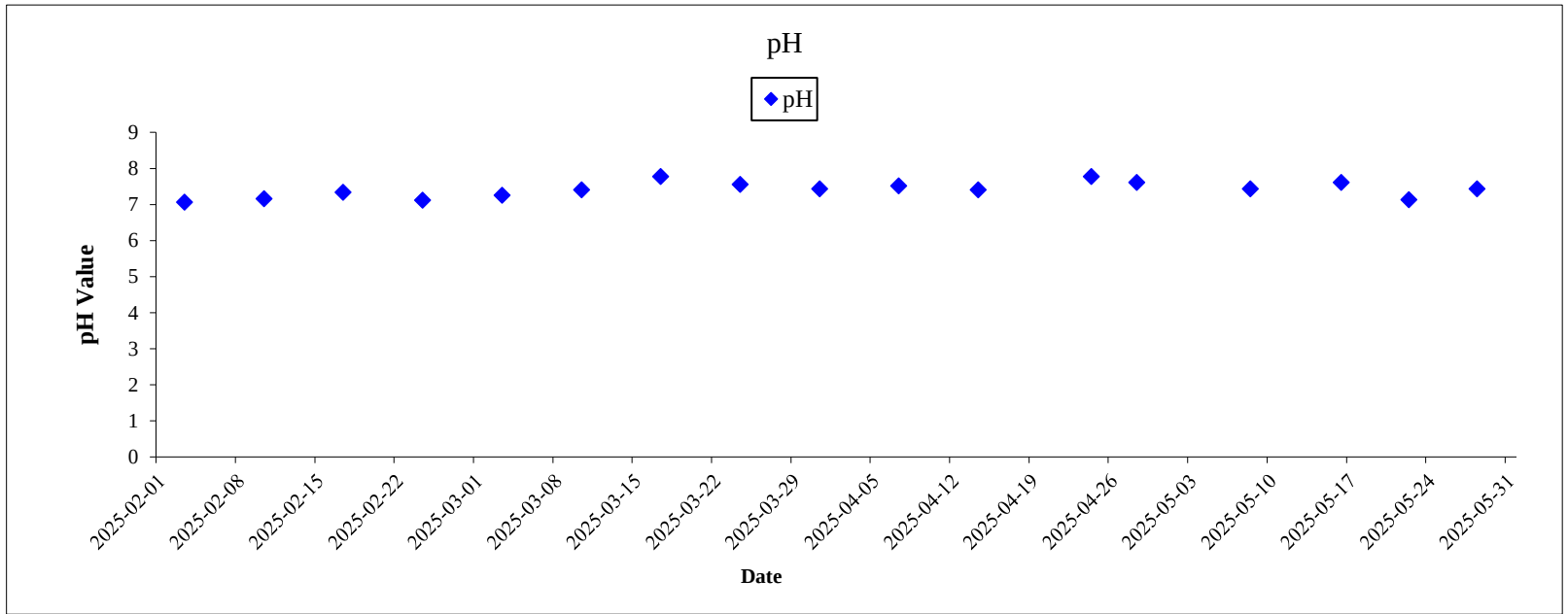
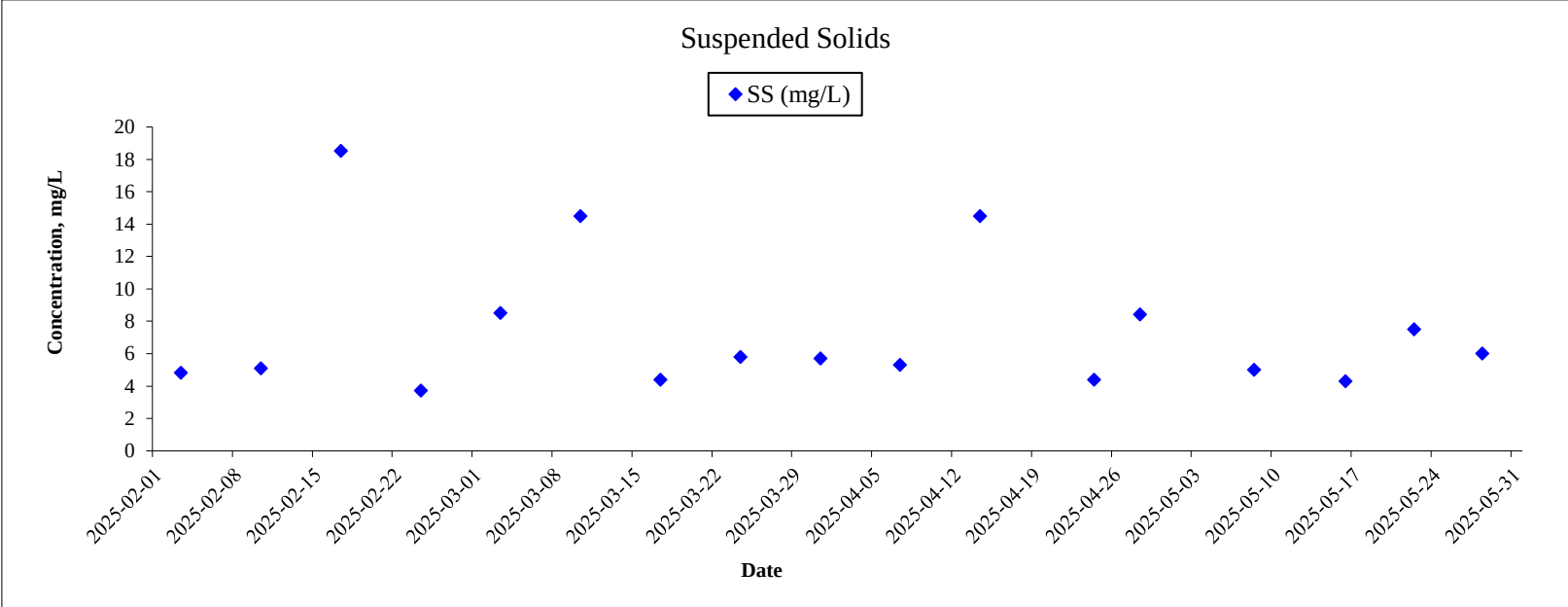
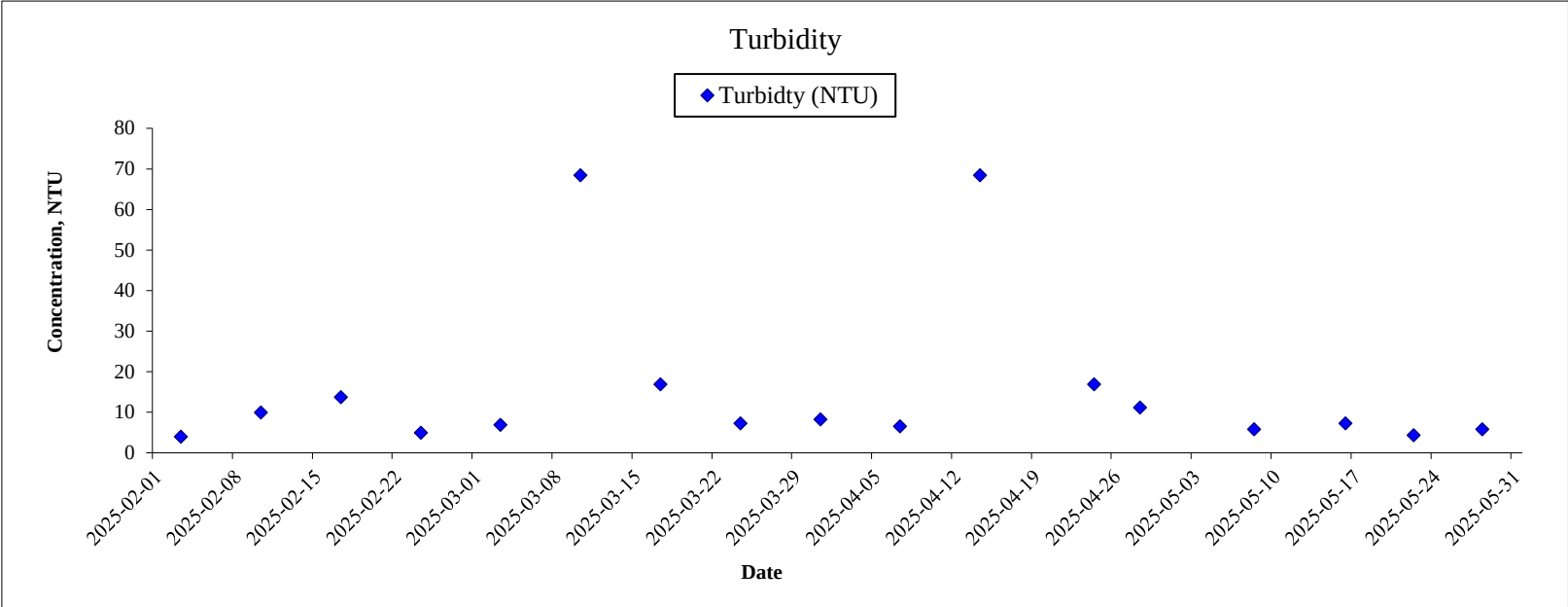
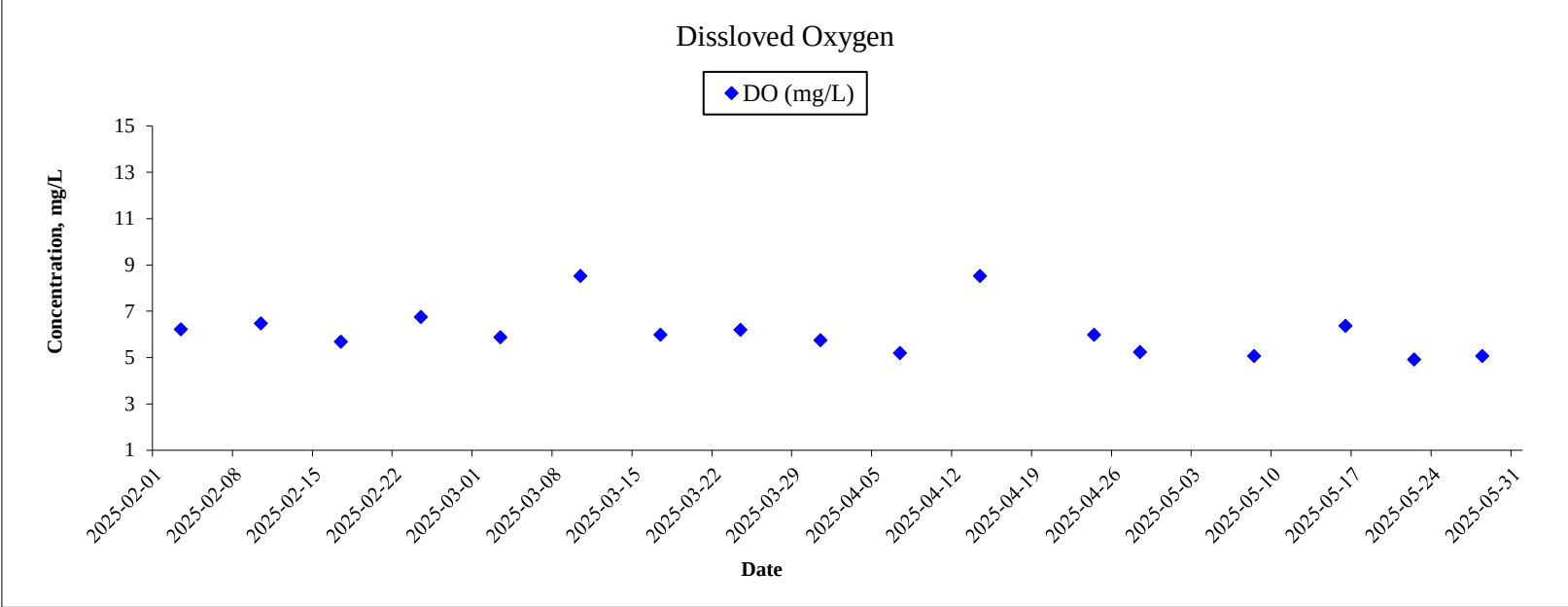


Monitoring Location: C8



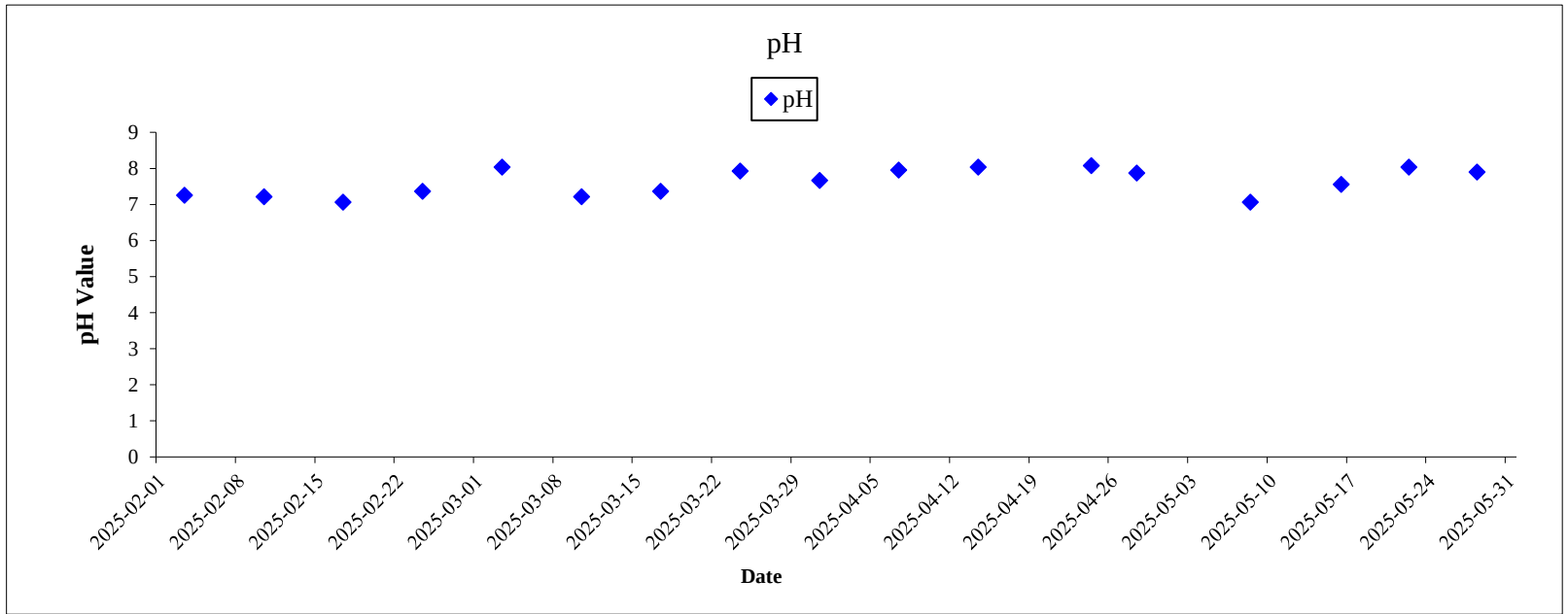
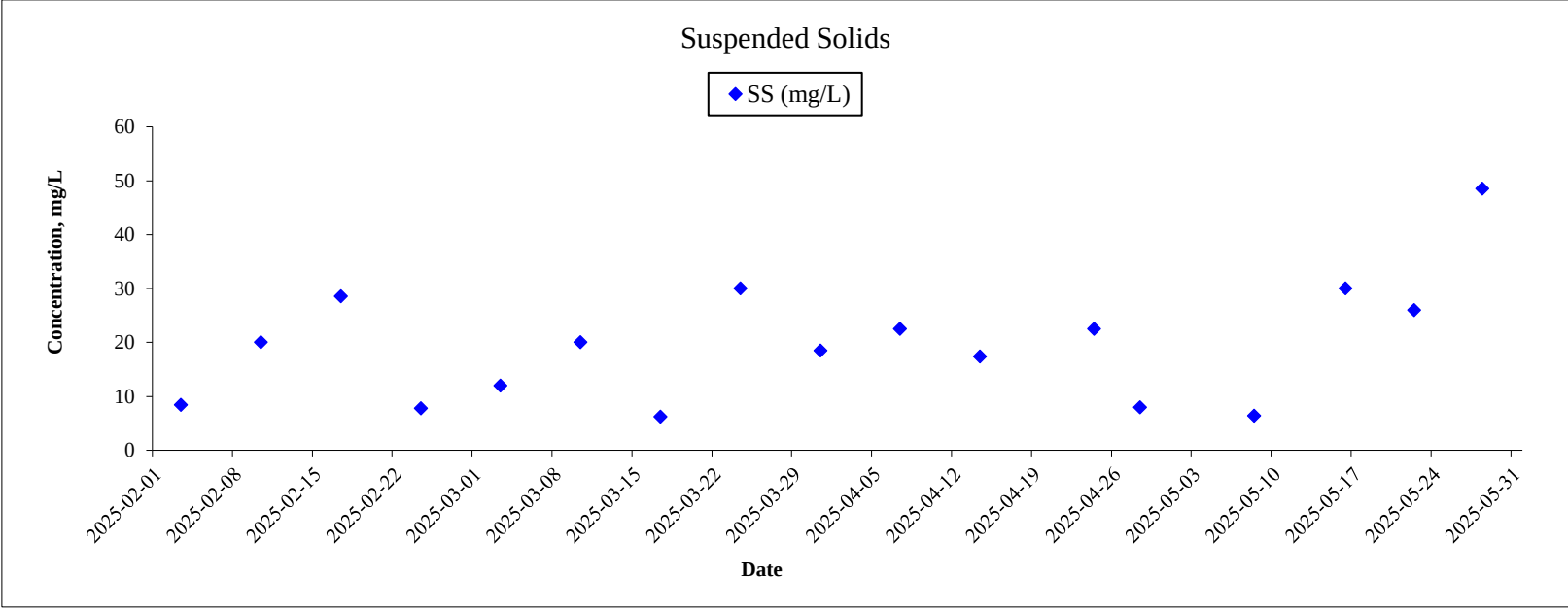
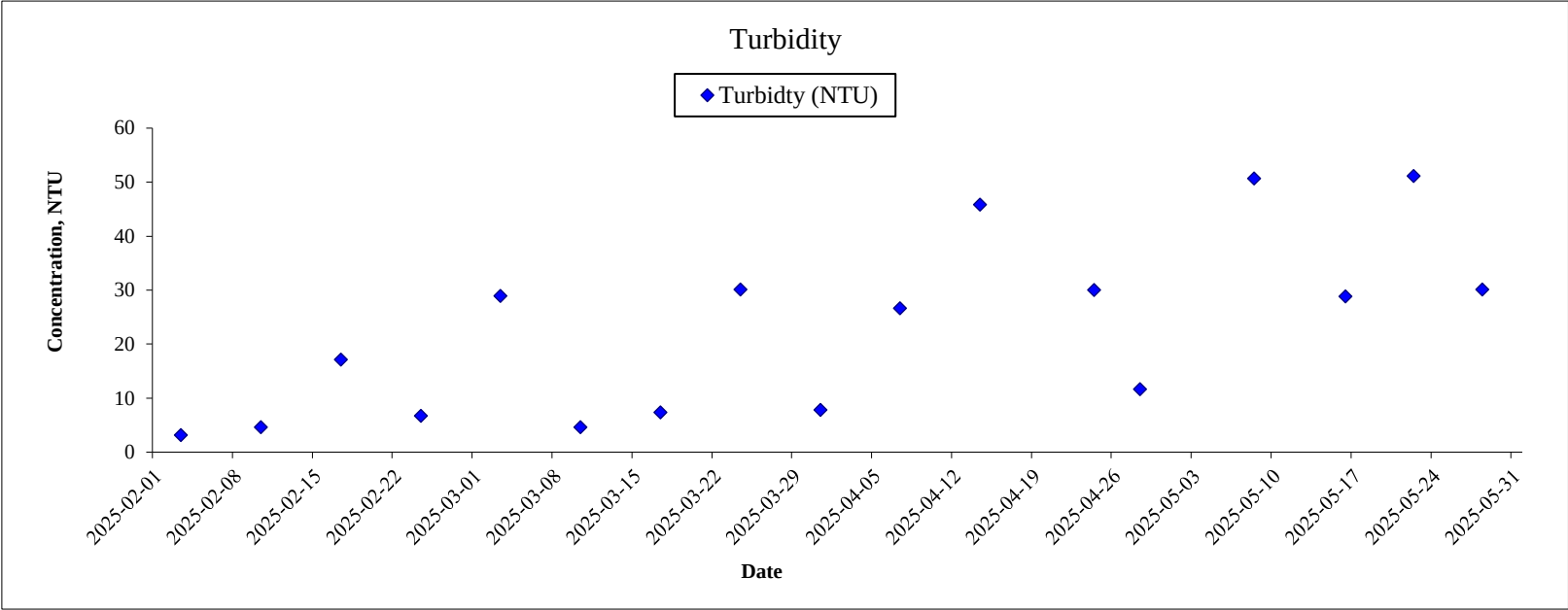
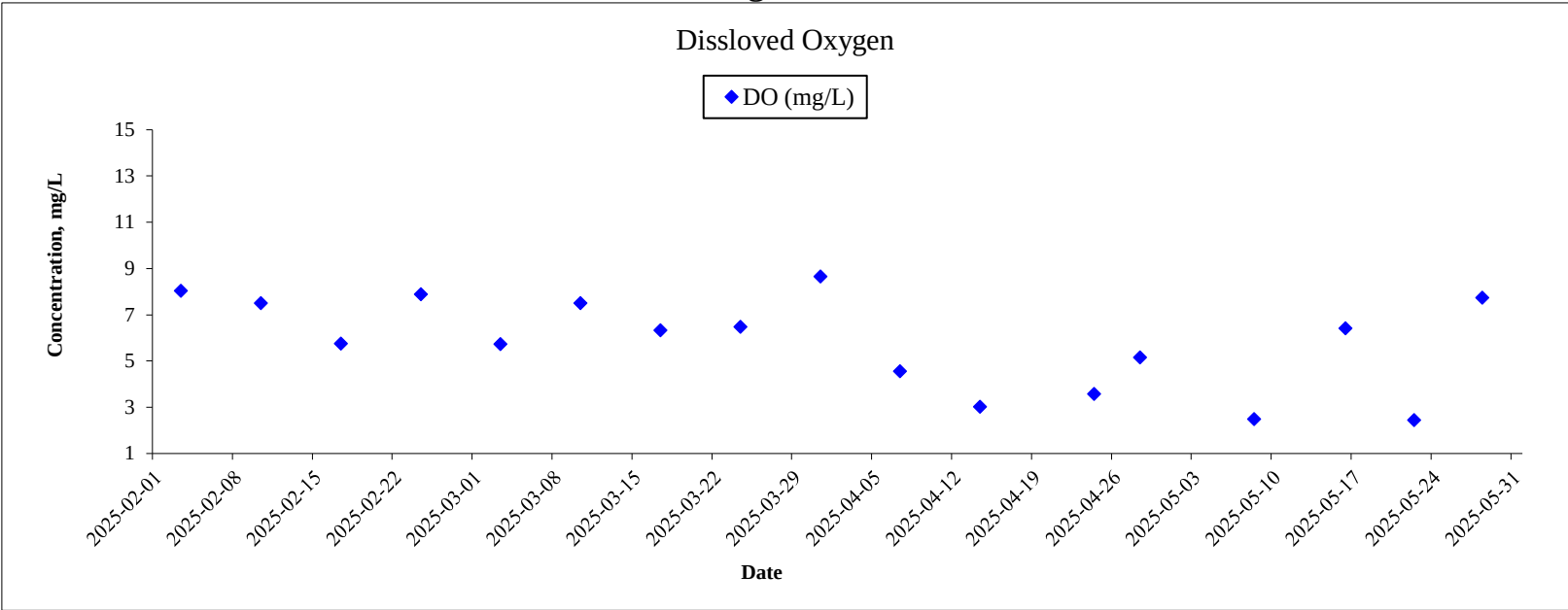


Monitoring Location: C7A



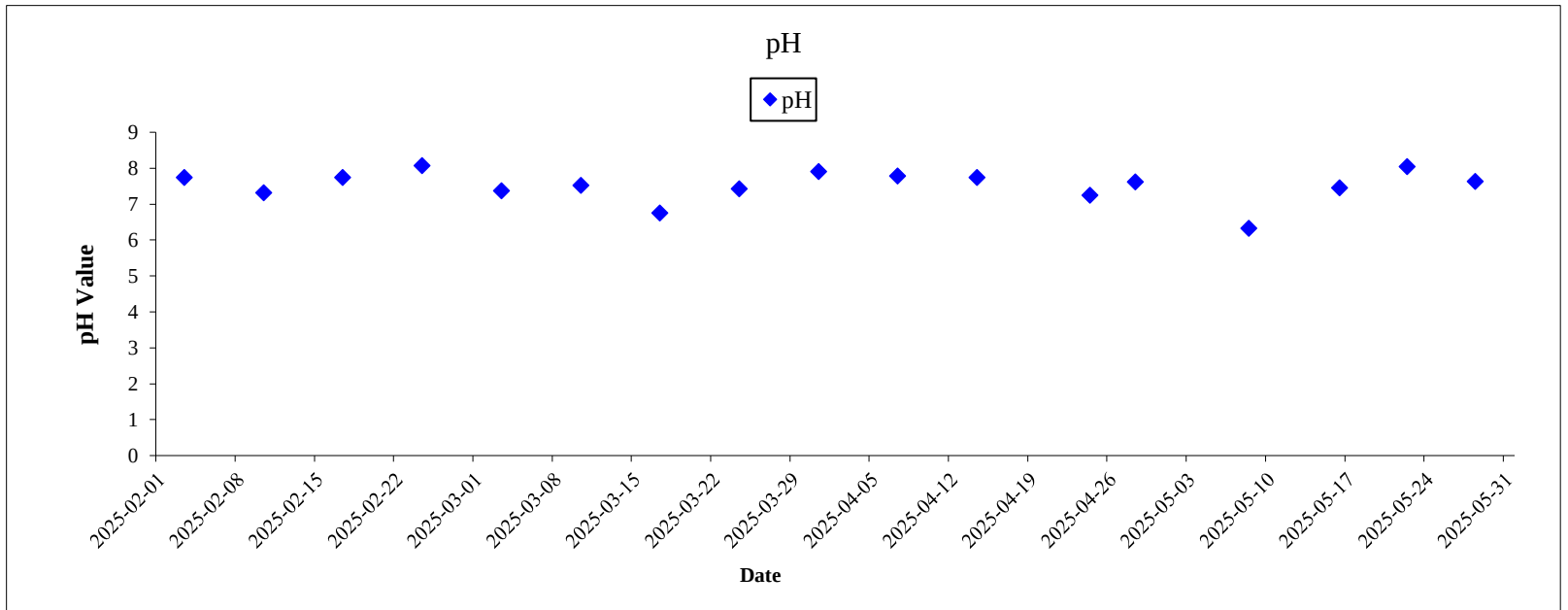
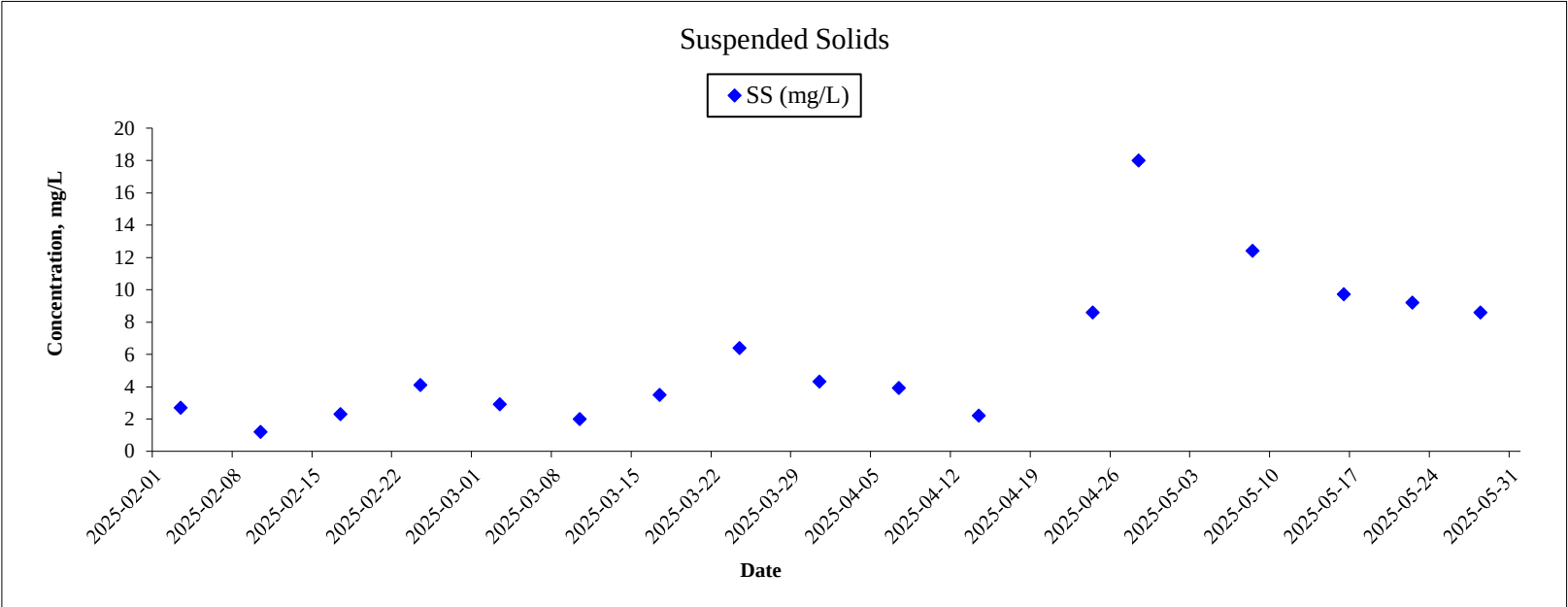
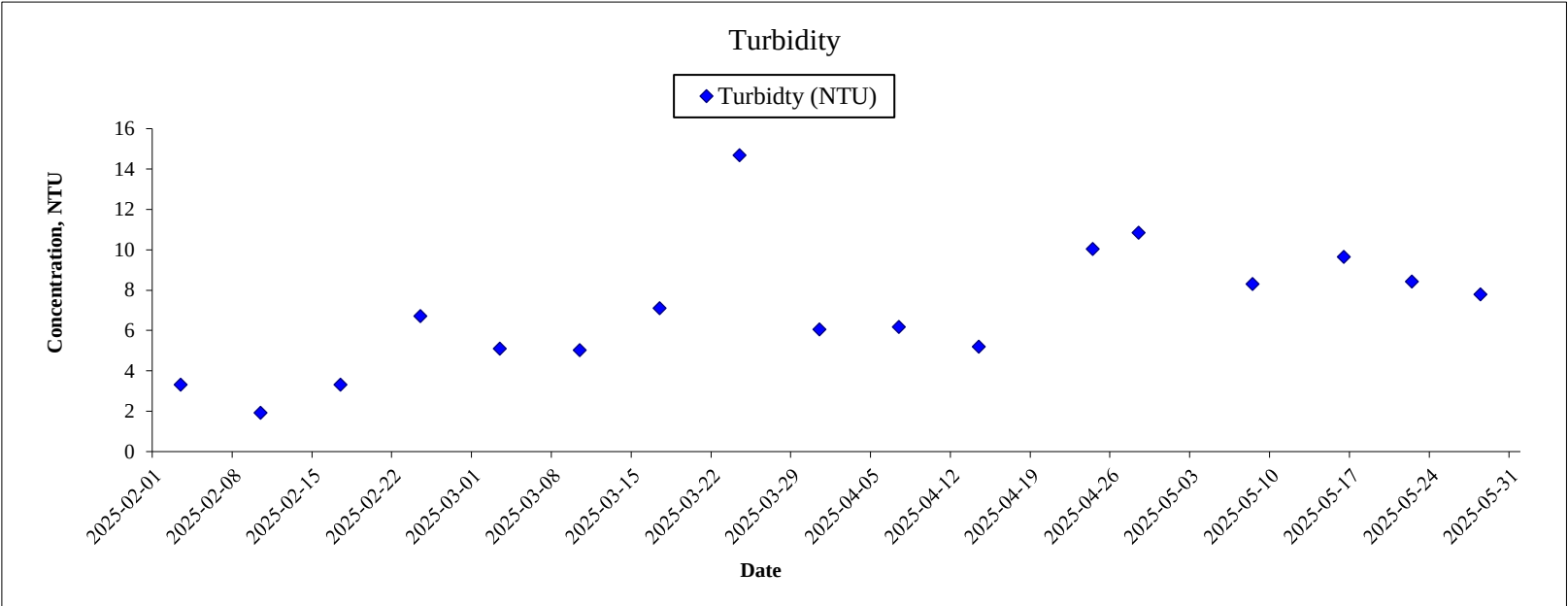
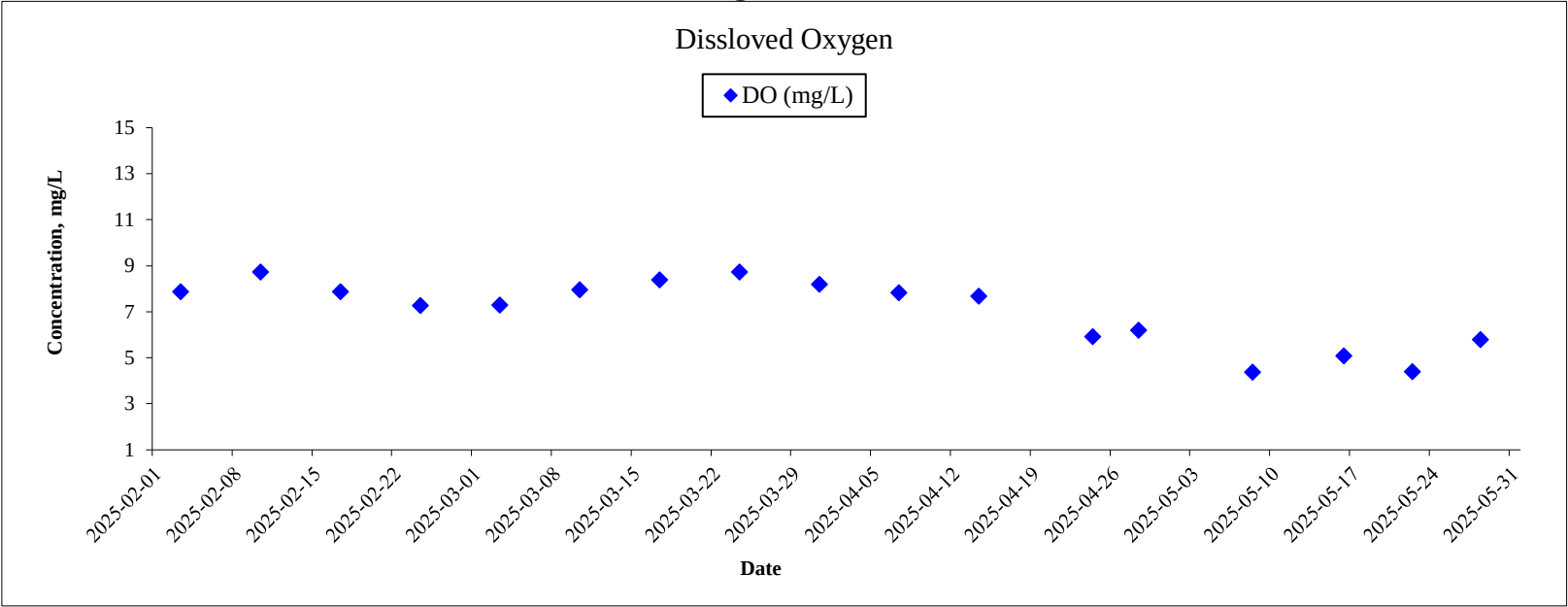


Monitoring Location: C6



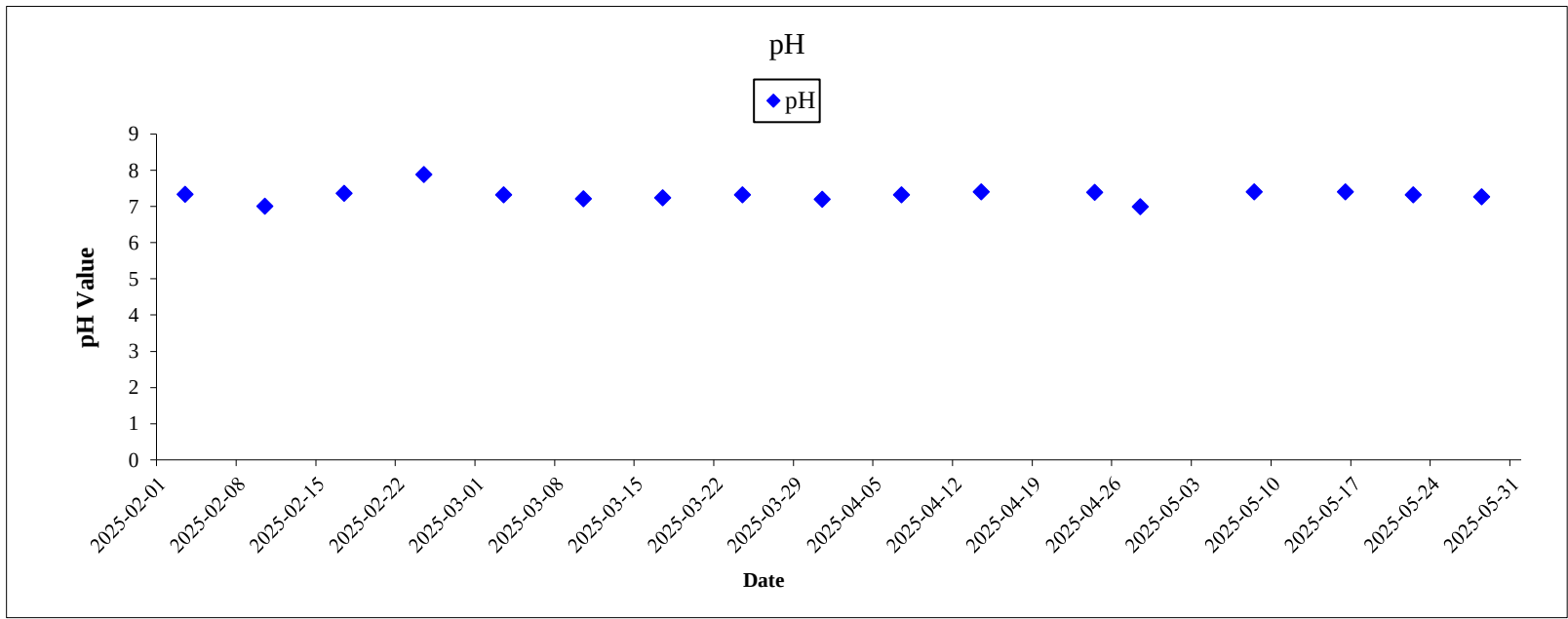
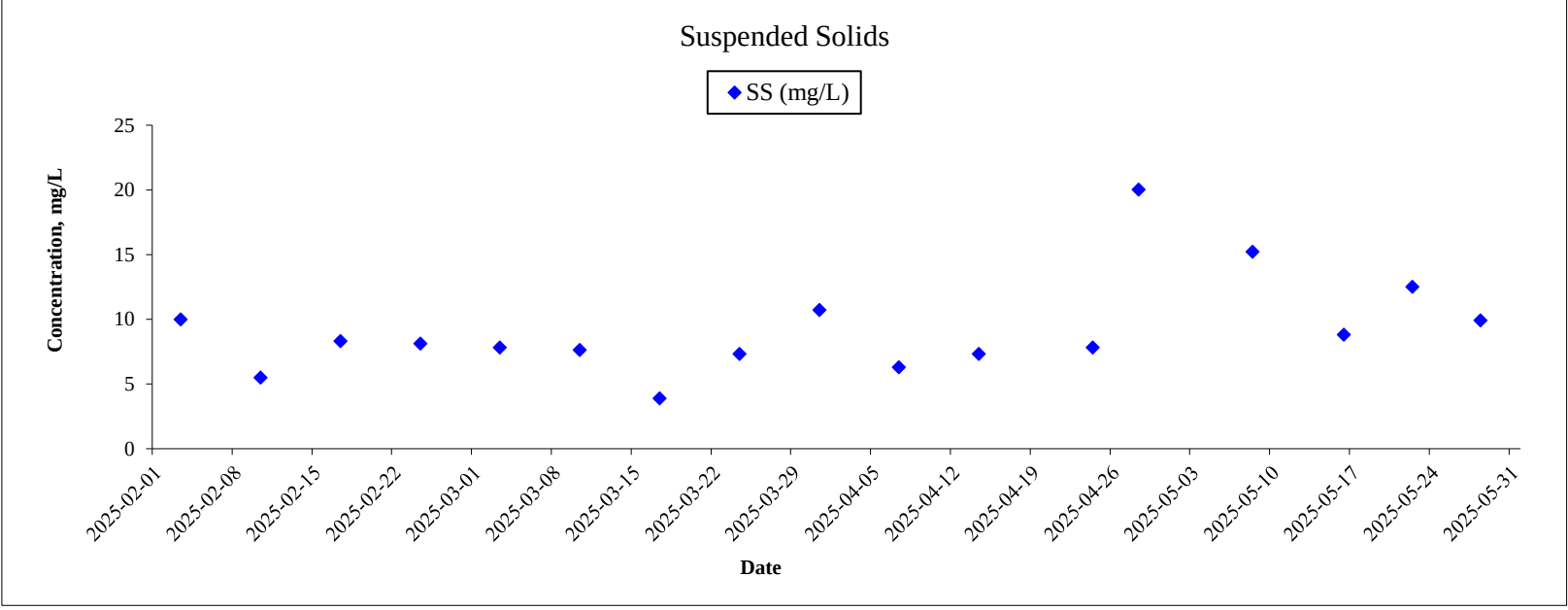
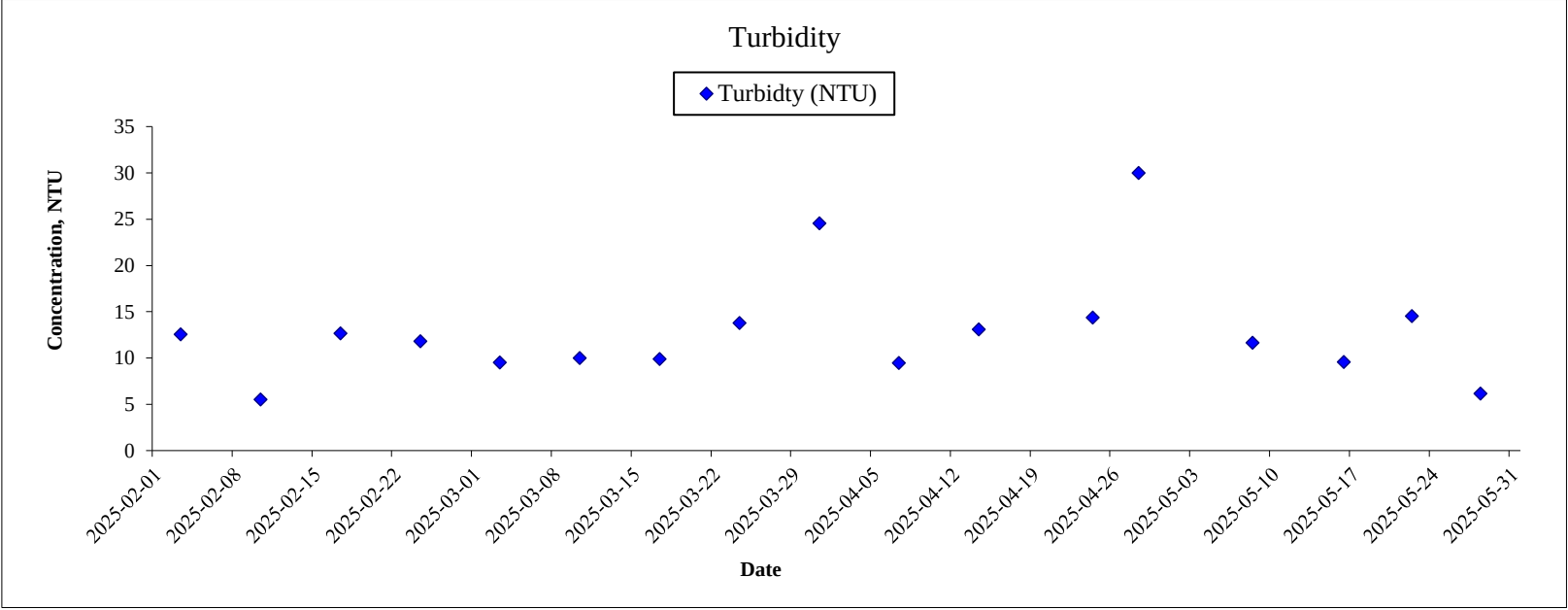
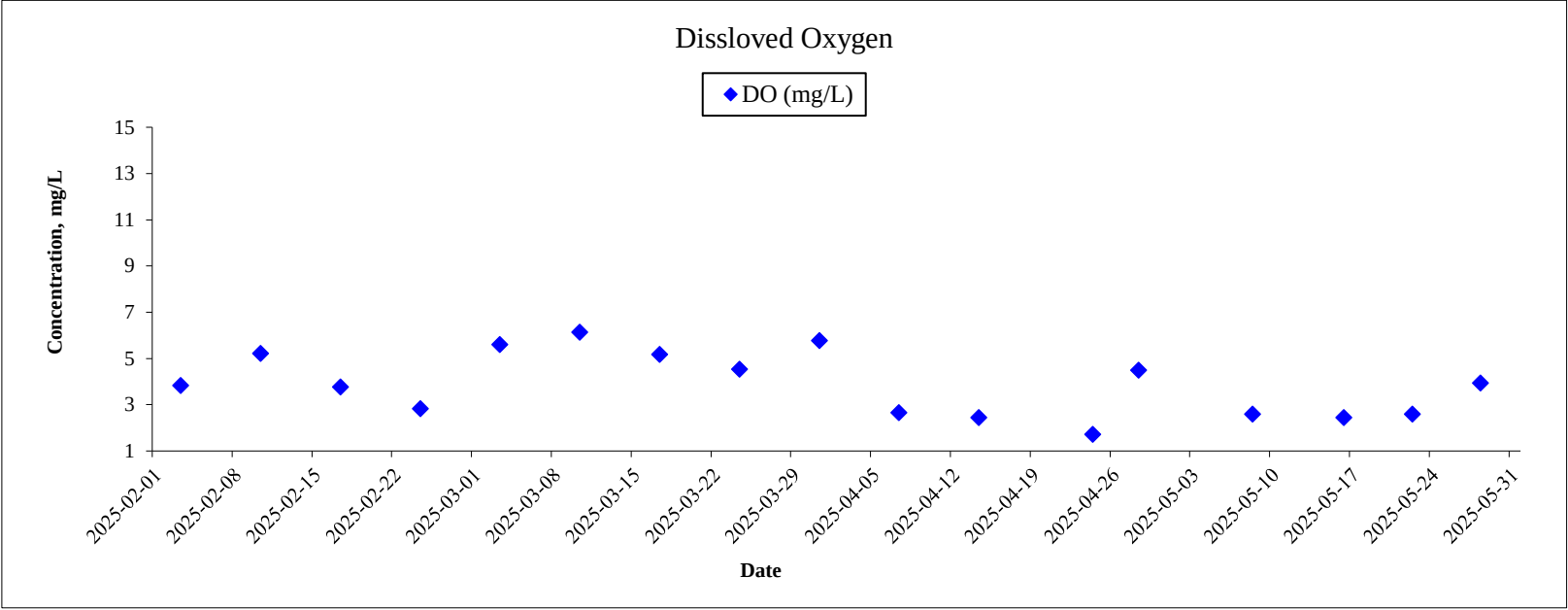


Monitoring Location: C3A





Monitoring Location: C2





Monitoring Location: C1A

