

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	20250606	Cloudy	11:01	0.38	7.13		90.1		6.75		0.14		27.4		9.24		3.7		
C1A	20250606	Cloudy	11:00	0.38	7.12	7.13	90.1	90.1	6.75	6.75	0.14	0.14	27.4	27.4	9.96	9.60	2.0	2.9	
C1A	20250612	Cloudy	12:00	0.4	7.46		96.8		7.42		0.10		28.8		8.11		1.8		
C1A	20250612	Cloudy	12:00	0.4	7.49	7.48	97.1	97.0	7.49	7.46	0.10	0.10	28.8	28.8	8.47	8.29	3.4	2.6	
C1A	20250618	Cloudy	12:00	0.4	7.72		103.2		8.39		0.10		30.6		6.52		8.6		
C1A	20250618	Cloudy	12:00	0.4	7.72	7.72	103.3	103.3	8.4	8.40	0.10	0.10	30.6	30.6	6.39	6.46	4.4	6.5	
C1A	20250624	Sunny	15:43	0.4	7.19		96.3		7.95		0.11		30.7		6.61		5.0		
C1A	20250624	Sunny	15:43	0.4	7.19	7.19	96.3	96.3	7.95	7.95	0.11	0.11	30.7	30.7	6.23	6.42	6.7	5.9	
C1A	20250630	Sunny	12:06	0.38	6.72		94.8		6.69		0.15		27.2		5.91		7.0		
C1A	20250630	Sunny	12:06	0.38	6.72	6.72	94.9	94.9	6.54	6.62	0.13	0.14	27.2	27.2	5.55	5.73	3.8	5.4	

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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	20250606	Cloudy	10:47	0.38	2.73	2.72	33.9	33.7	7.3	7.3	0.35	0.35	26.3	26.3	6.87	6.85	6.9	5.5	
C2	20250606	Cloudy	10:47	0.38	2.70		33.5		7.3		0.35		26.3		6.83		4.1		
C2	20250612	Cloudy	11:50	0.38	3.22	3.22	40.7	40.7	7.04	7.04	0.13	0.13	27.5	27.5	4.35	4.35	8.6	8.3	
C2	20250612	Cloudy	11:50	0.38	3.21		40.7		7.04		0.13		27.5		4.35		8.0		
C2	20250618	Cloudy	11:47	0.32	5.31	5.31	67.7	67.7	7.78	7.78	0.09	0.09	27.8	27.8	5.54	5.5	5.9	5.8	
C2	20250618	Cloudy	11:47	0.32	5.31		67.7		7.78		0.09		27.8		5.46		5.6		
C2	20250624	Sunny	15:38	0.32	3.37	3.37	45.8	45.8	8.51	8.51	0.10	0.1	31.5	31.5	3.68	3.65	2.5	2.6	
C2	20250624	Sunny	15:38	0.32	3.37		45.8		8.51		0.10		31.5		3.61		2.6		
C2	20250630	Sunny	11:56	0.4	5.17	4.95	68.8	65.8	7.25	7.34	0.13	0.13	26.7	26.7	4.47	4.52	7.4	6.4	
C2	20250630	Sunny	11:56	0.4	4.73		62.8		7.42		0.13		26.7		4.57		5.3		

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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)		Temperature (°C)		Turbidity (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C3A	20250606	Cloudy	10:41	0.26	5.80		69.6		7.49		0.03		24.5		9.60		8.4		
C3A	20250606	Cloudy	10:41	0.26	5.69	5.75	68.2	68.9	7.3	7.4	0.03	0.03	24.5	24.5	10.04	9.82	4.9	6.7	
C3A	20250612	Cloudy	11:45	0.25	5.51		68.3		7.35		0.03		26.3		7.78		7.3		
C3A	20250612	Cloudy	11:45	0.25	5.48	5.5	67.9	68.1	7.32	7.34	0.03	0.03	26.3	26.3	5.87	6.83	7.0	7.2	
C3A	20250618	Cloudy	11:41	0.55	7.01		87.6		8.45		0.02		26.8		11.73		5.2		
C3A	20250618	Cloudy	11:41	0.55	7.00	7.01	87.5	87.6	8.51	8.48	0.02	0.02	26.8	26.8	11.65	11.69	4.1	4.7	
C3A	20250624	Sunny	15:30	0.5	5.68		73.0		9.69		0.02		28.3		8.49		2.3		
C3A	20250624	Sunny	15:30	0.5	5.95	5.82	76.3	74.7	9.62	9.66	0.02	0.02	28.3	28.3	8.30	8.4	2.9	2.6	
C3A	20250630	Sunny	11:45	0.3	6.66		84.8		8.09		0.01		25.9		7.45		1.6		
C3A	20250630	Sunny	11:45	0.3	6.59	6.63	84.0	84.4	8.03	8.06	0.02	0.02	25.9	25.9	7.56	7.51	2.7	2.2	

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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	20250606	Cloudy	12:16	0.18	6.46		80.2		7.63		0.29		26.3		34.33		7.1		
C6	20250606	Cloudy	12:16	0.18	6.46	6.46	80.2	80.2	7.63	7.63	0.29	0.29	26.3	26.3	38.40	36.37	5.4	6.3	
C6	20250612	Cloudy	10:45	0.16	6.21		77.6		7.8		0.49		26.6		10.37		3.6		
C6	20250612	Cloudy	10:45	0.16	5.05	5.63	62.9	70.3	7.76	7.78	0.50	0.5	26.4	26.5	10.36	10.37	5.0	4.3	
C6	20250618	Cloudy	10:45	0.24	7.35		92.7		9.91		0.13		27.2		5.81		1.9		
C6	20250618	Cloudy	10:45	0.24	7.45	7.4	94.0	93.4	9.93	9.92	0.13	0.13	27.2	27.2	5.89	5.85	1.7	1.8	
C6	20250624	Sunny	14:43	0.16	6.39		83.0		8.61		0.13		28.9		15.59		3.4		
C6	20250624	Sunny	14:43	0.16	6.29	6.34	81.7	82.4	8.58	8.6	0.13	0.13	28.9	28.9	16.17	15.88	5.8	4.6	
C6	20250630	Sunny	11:00	0.18	5.55		74.1		7.67		0.46		26.2		14.99		3.9		
C6	20250630	Sunny	11:00	0.18	5.52	5.54	73.7	73.9	7.67	7.67	0.46	0.46	26.2	26.2	15.07	15.03	7.2	5.6	

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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)		Temperature (°C)		Turbidity (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C7A	20250606	Cloudy	12:29	0.1	5.43	5.43	68.5	68.4	7.45	7.41	0.17	0.17	27.2	27.2	10.83	10.73	5.6	7.3	
C7A	20250606	Cloudy	12:29	0.1	5.42		68.3		7.37		0.17		27.2		10.63		9.0		
C7A	20250612	Cloudy	10:55	0.1	6.19	6.19	77.9	77.9	7.52	7.49	0.14	0.14	27.2	27.2	11.52	11.41	7.6	8.1	
C7A	20250612	Cloudy	10:55	0.1	6.18		77.9		7.45		0.14		27.2		11.29		8.5		
C7A	20250618	Cloudy	10:56	0.1	7.32		94.0		9.76		0.17		28.2		14.15		6.9		
C7A	20250618	Cloudy	10:56	0.1	7.32	7.32	93.9	94.0	9.8	9.78	0.17	0.17	28.2	28.2	14.25	14.2	6.8	6.9	
C7A	20250624	Sunny	14:55	0.1	7.48		99.2		8.39		0.15		30.1		10.39		5.0		
C7A	20250624	Sunny	14:55	0.1	7.48	7.48	99.2	99.2	8.4	8.4	0.15	0.15	30.1	30.1	10.38	10.39	5.4	5.2	
C7A	20250630	Sunny	11:15	0.1	7.02		93.8		6.92		0.16		27.5		6.71		1.7		
C7A	20250630	Sunny	11:16	0.1	6.92	6.97	92.6	93.2	6.92	6.92	0.16	0.16	27.5	27.5	6.50	6.61	2.0	1.9	

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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)		Temperature (°C)		Turbidity (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C8	20250606	Cloudy	12:37	0.08	6.33		79.7		7.27		0.14		27.2		7.55		4.0		
C8	20250606	Cloudy	12:37	0.08	6.46	6.40	81.4	80.6	7.26	7.27	0.14	0.14	27.2	27.2	6.88	7.22	2.5	3.3	
C8	20250612	Cloudy	11:11	0.14	5.50		69.5		7.43		0.17		27.3		9.29		1.6		
C8	20250612	Cloudy	11:11	0.14	6.32	5.91	80.2	74.9	7.09	7.26	0.13	0.15	27.5	27.4	9.58	9.44	<1.0	1.3	
C8	20250618	Cloudy	11:09	0.17	7.47		98.8		9.32		0.11		29.9		12.32		1.3		
C8	20250618	Cloudy	11:09	0.17	7.47	7.47	98.8	98.8	9.29	9.31	0.11	0.11	30.0	30.0	11.94	12.13	1.3	1.3	
C8	20250624	Sunny	15:00	0.12	6.98		92.8		8.41		0.11		30.2		11.20		5.1		
C8	20250624	Sunny	15:00	0.12	7.09	7.04	94.2	93.5	8.36	8.39	0.11	0.11	30.2	30.2	11.89	11.55	6.3	5.7	
C8	20250630	Sunny	11:24	0.12	6.47		88.6		6.77		0.14		27.8		6.35		1.6		
C8	20250630	Sunny	11:24	0.12	6.36	6.42	87.5	88.1	6.74	6.76	0.14	0.14	27.7	27.8	6.24	6.30	3.2	2.4	

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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)		Temperature (°C)		Turbidity (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C9	20250606	Cloudy	11:25	0.16	7.65	7.66	92.4	92.4	7.47	7.42	0.08	0.08	24.8	24.8	10.35	10.31	4.9	7.1	
C9	20250606	Cloudy	11:25	0.16	7.67		92.4		7.37		0.08		24.8		10.27		9.2		
C9	20250612	Cloudy	10:08	0.16	7.40	7.40	89.7	89.7	7.4	7.40	0.08	0.08	25.1	25.1	3.00	3.07	5.2	3.9	
C9	20250612	Cloudy	10:08	0.16	7.40		89.7		7.4		0.08		25.1		3.14		2.6		
C9	20250618	Cloudy	10:04	0.14	8.42	8.42	88.8	88.8	6.98	6.98	0.06	0.06	17.9	17.9	3.62	3.56	12.0	16.5	
C9	20250618	Cloudy	10:04	0.14	8.42		88.8		6.98		0.06		17.9		3.50		21.0		
C9	20250624	Sunny	14:09	0.08	7.62	7.64	94.9	95.2	7.31	7.35	0.08	0.08	26.6	26.6	3.48	3.29	<1.0	1.2	
C9	20250624	Sunny	14:09	0.08	7.66		95.4		7.39		0.08		26.6		3.09		1.3		
C9	20250630	Sunny	10:24	0.19	7.39	7.39	93.5	93.5	7.39	7.39	0.09	0.09	26.3	26.3	4.53	4.24	11.0	14.5	
C9	20250630	Sunny	10:24	0.19	7.39		93.5		7.39		0.09		26.3		3.94		18.0		

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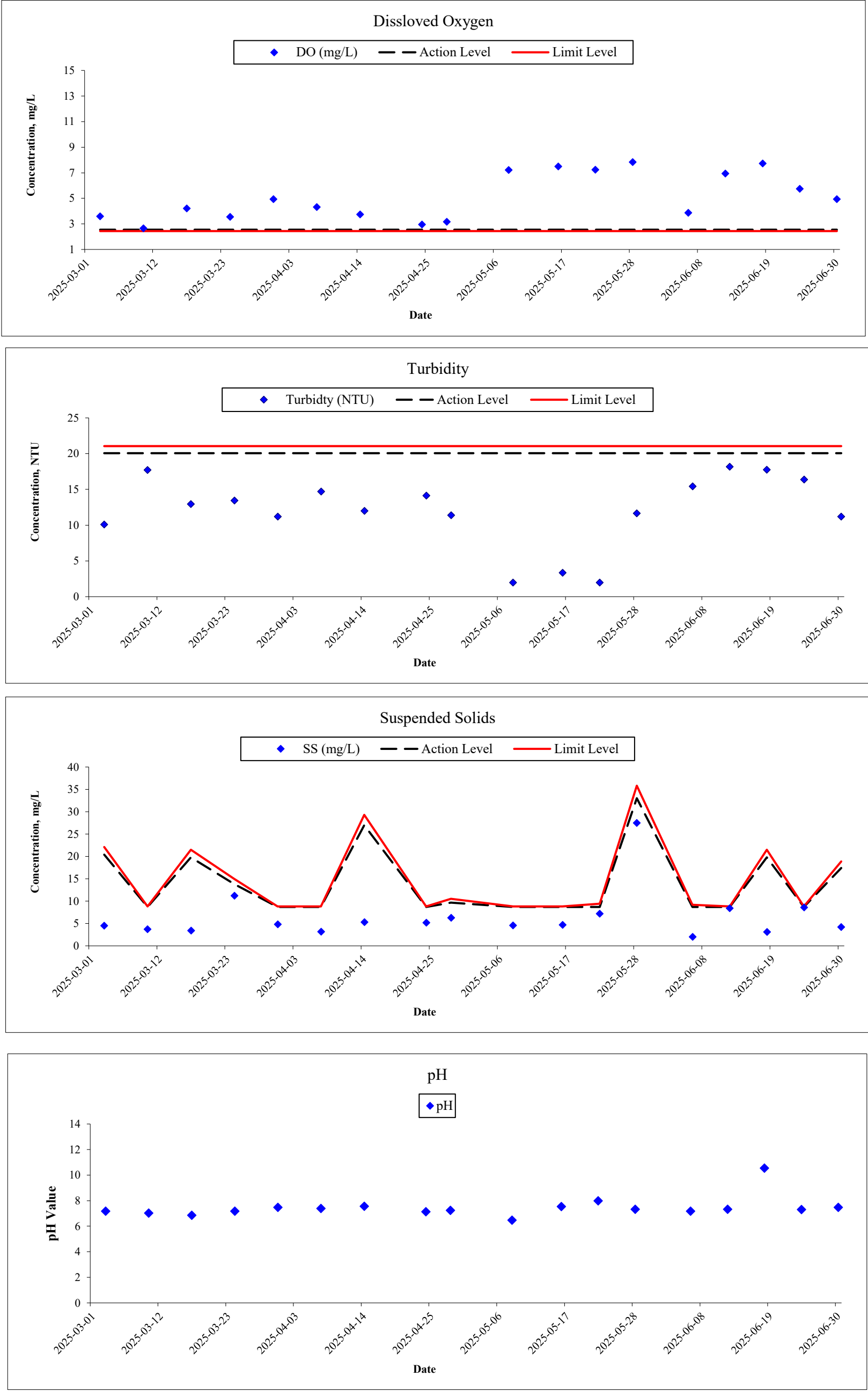


Water Quality Monitoring Location: C10

Location	Date	Weather	Time	Water Depth (m)	Dissolved Oxygen (mg/L)		Dissolved Oxygen Saturation (%)		pH		Salinity (ppt)		Temperature (°C)		Turbidity (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C10	20250606	Cloudy	11:39	0.25	3.84	3.88	47.8	48.2	7.16	7.17	0.16	0.16	26.6	26.5	15.27	15.42	1.8	2.0	
C10	20250606	Cloudy	11:39	0.25	3.91		48.6		7.18		0.16		26.4		15.57		2.2		
C10	20250612	Cloudy	10:22	0.22	6.94	6.94	87.7	87.7	7.33	7.33	0.10	0.10	27.4	27.4	18.27	18.18	5.8	8.4	
C10	20250612	Cloudy	10:22	0.22	6.94		87.7		7.32		0.10		27.4		18.08		11.0		
C10	20250618	Cloudy	10:27	0.22	7.74	7.73	100.0	99.9	10.55	10.53	0.10	0.10	28.6	28.6	17.33	17.74	3.3	3.1	
C10	20250618	Cloudy	10:27	0.22	7.72		99.8		10.51		0.10		28.6		18.15		2.9		
C10	20250624	Sunny	14:20	0.2	5.69	5.76	73.3	74.2	7.29	7.29	0.10	0.10	28.4	28.4	16.01	16.37	7.3	8.6	
C10	20250624	Sunny	14:20	0.2	5.83		75.0		7.29		0.10		28.4		16.72		9.8		
C9	20250630	Sunny	10:36	0.17	5.15	4.82	67.3	63.0	7.15	7.10	0.13	0.13	27.3	27.3	9.07	8.72	5.1	4.2	
C9	20250630	Sunny	10:36	0.17	4.49		58.6		7.05		0.13		27.3		8.37		3.3		

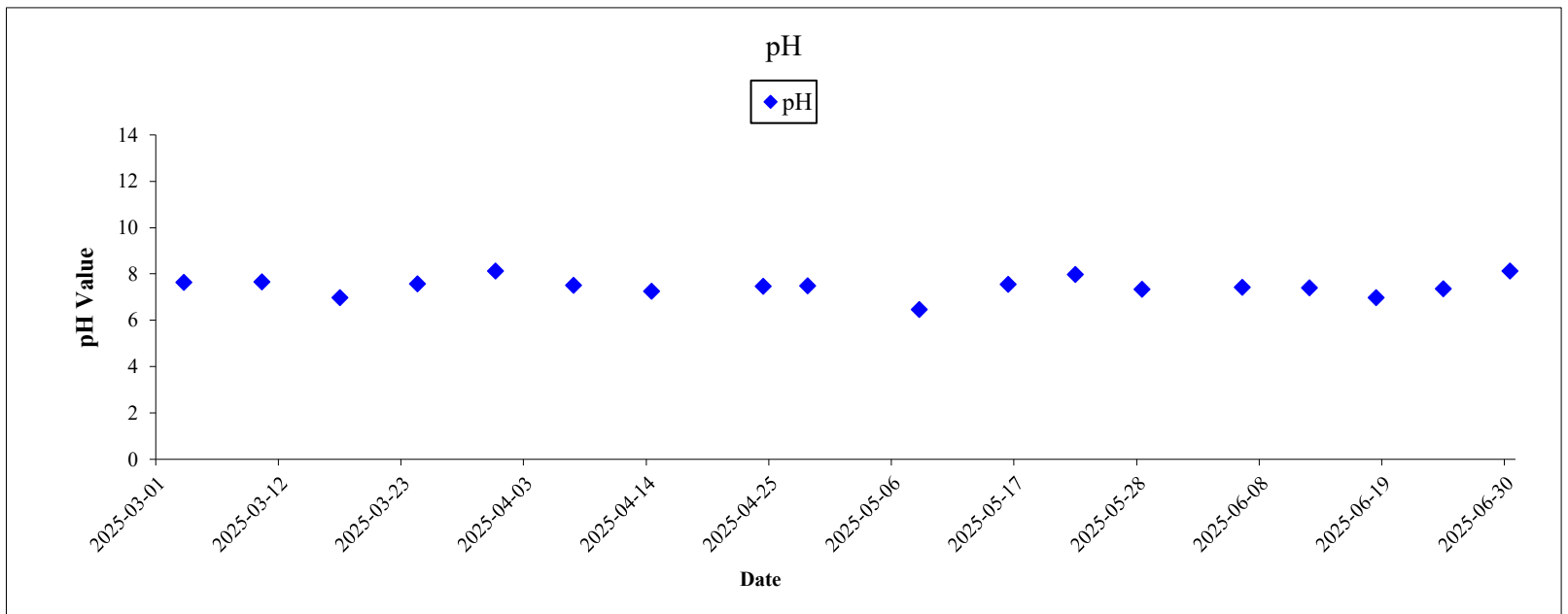
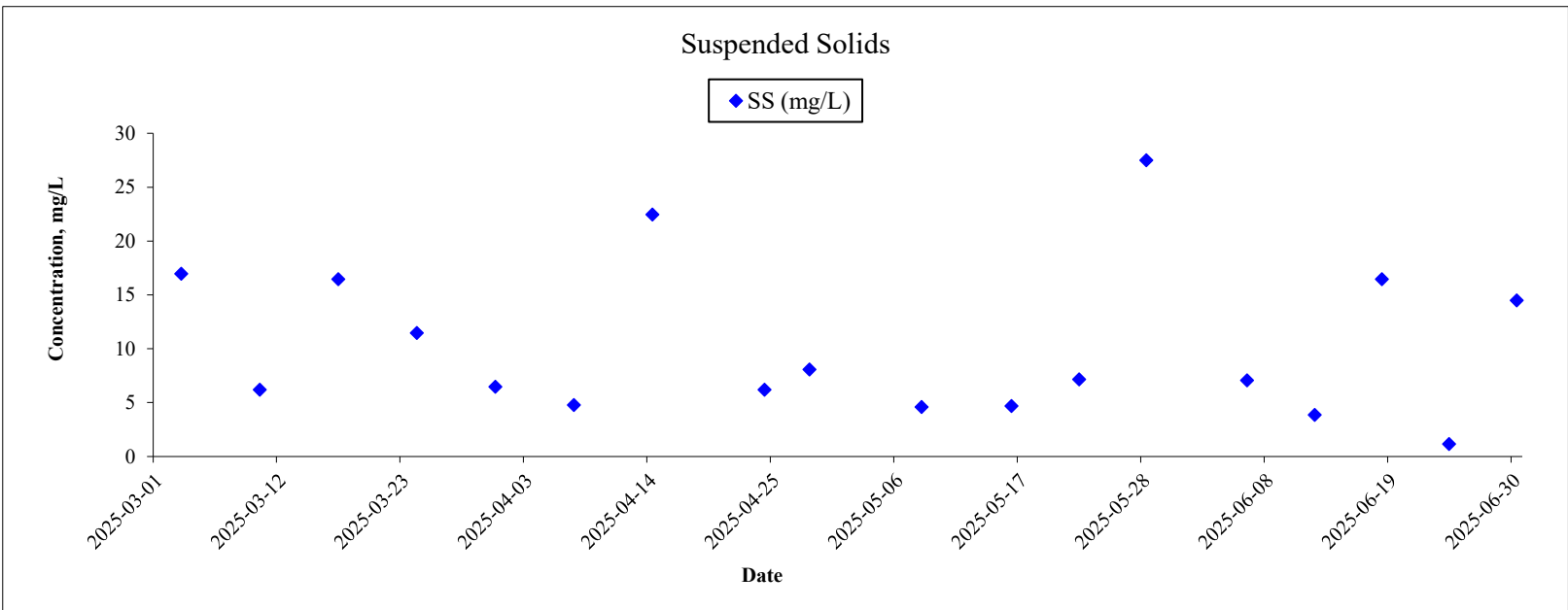
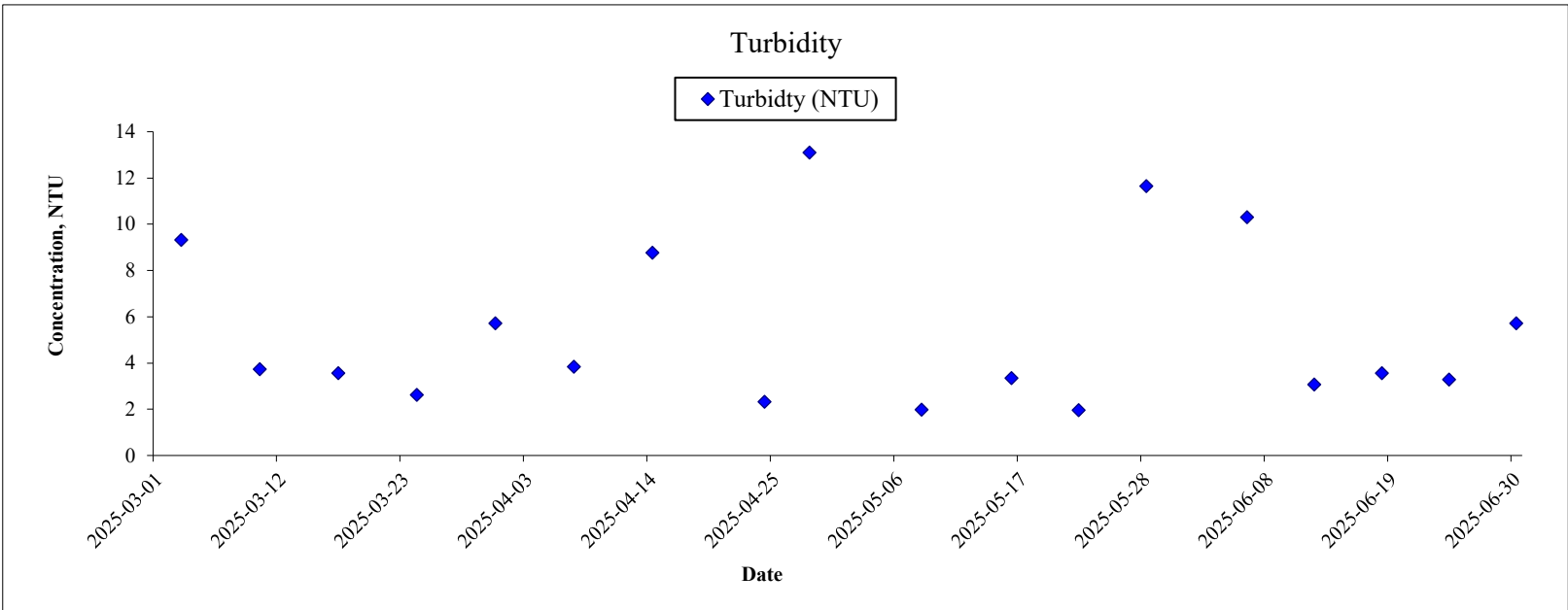
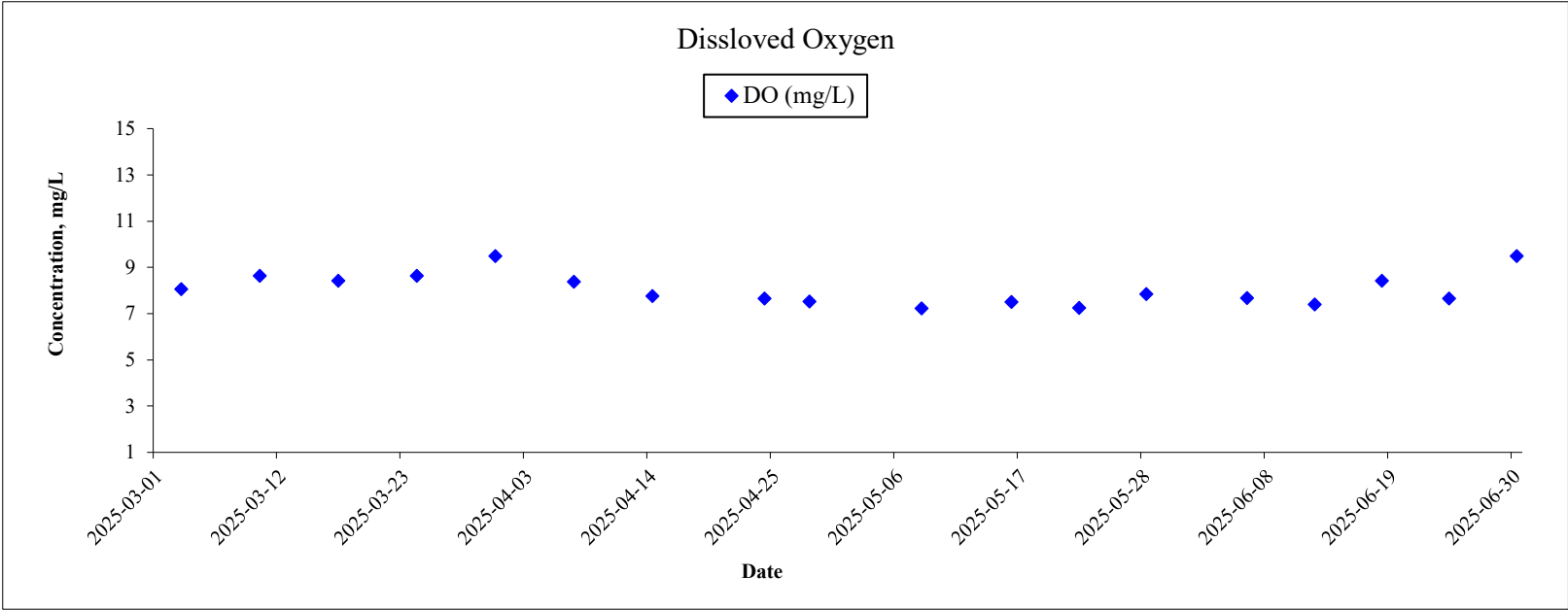


Monitoring Location: C10



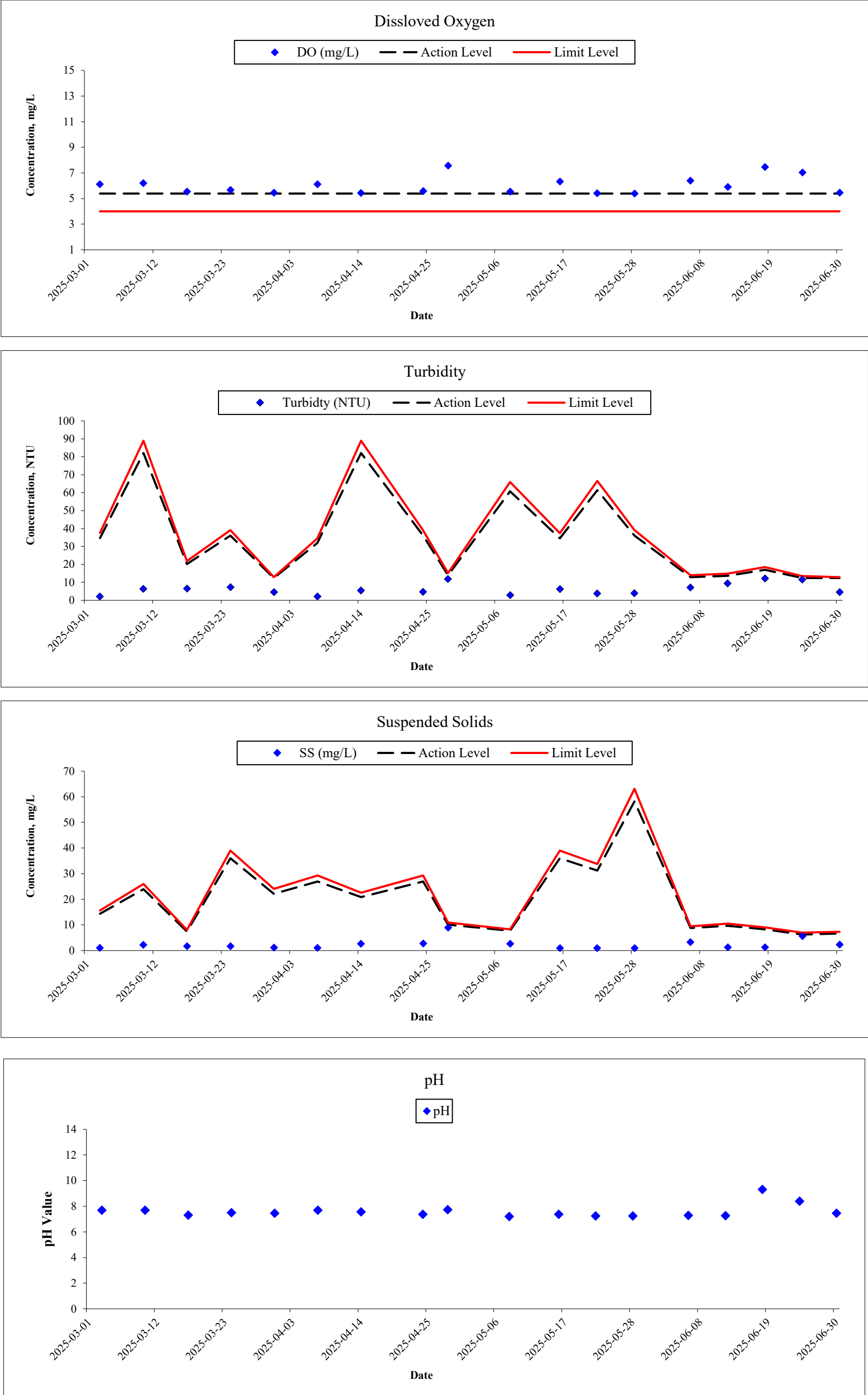


Monitoring Location: C9



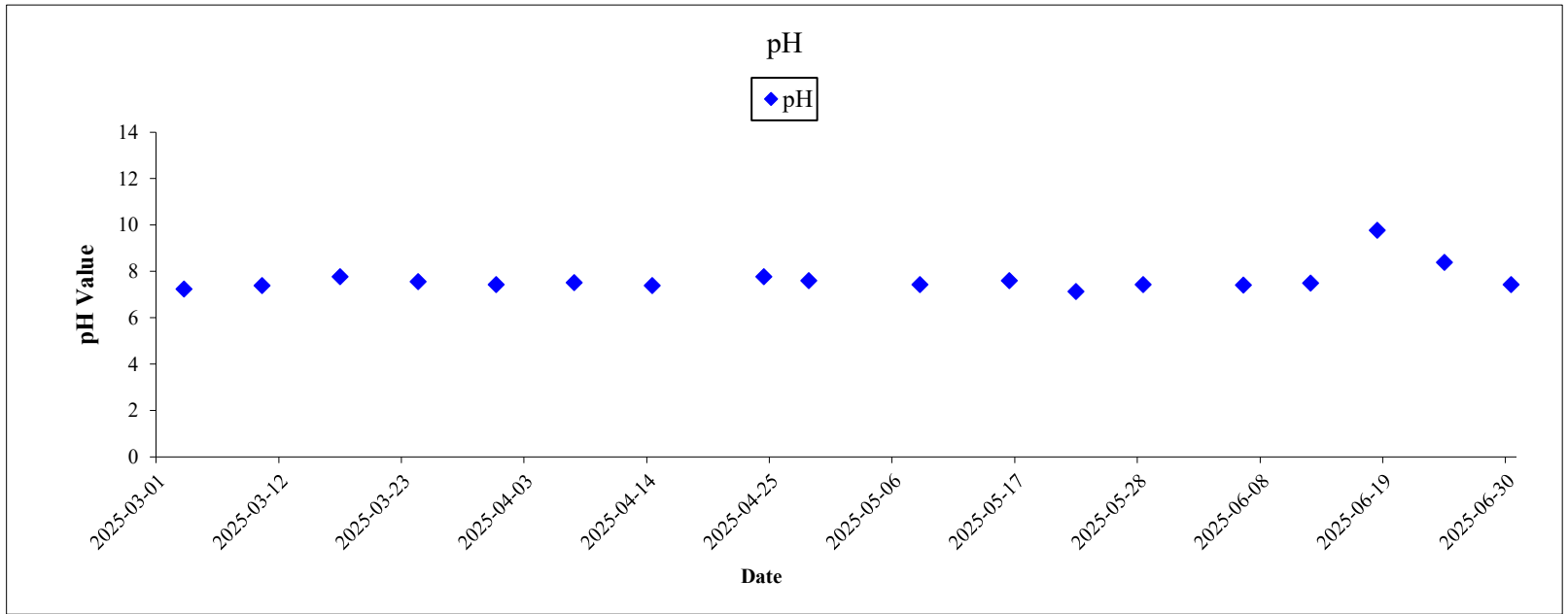
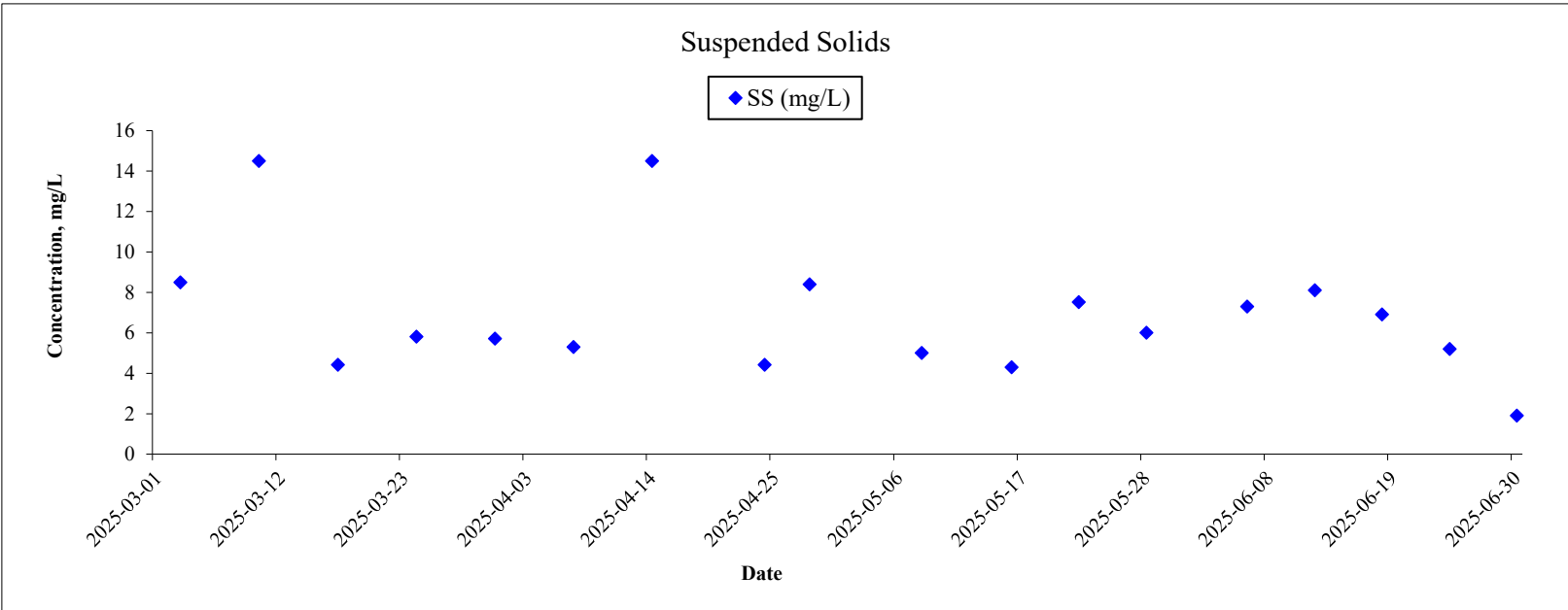
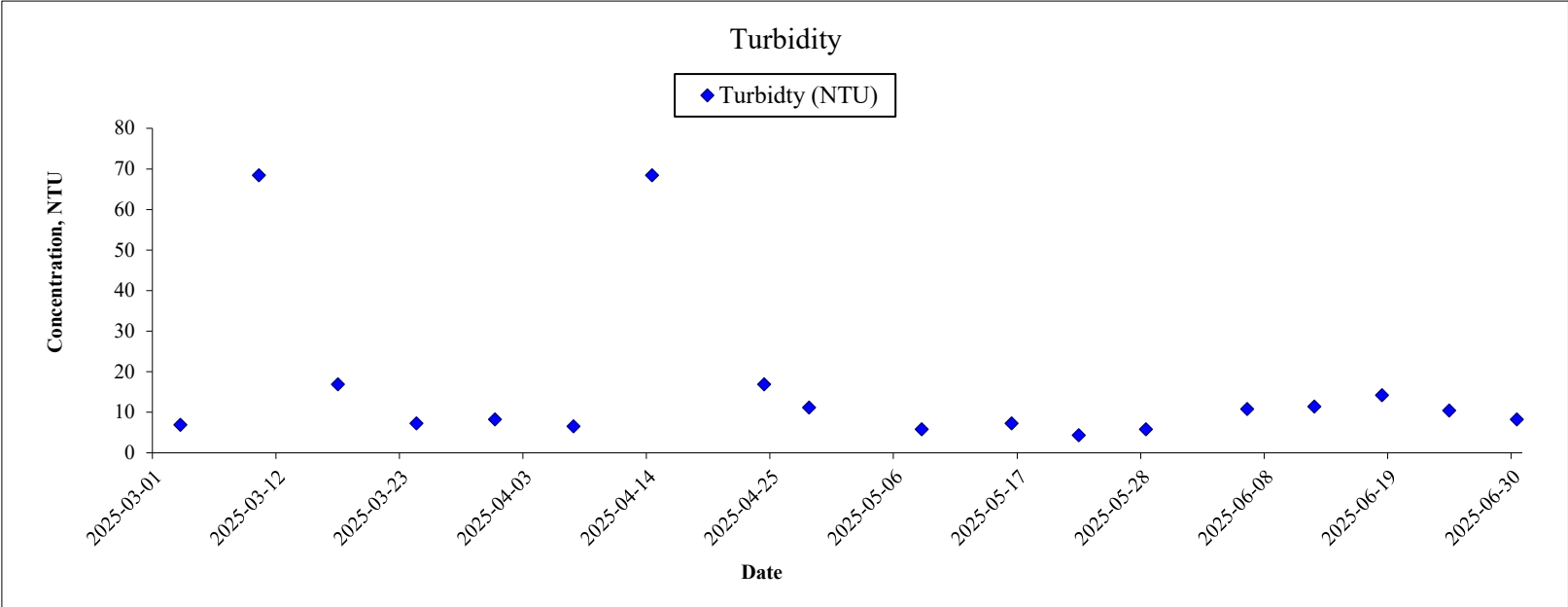
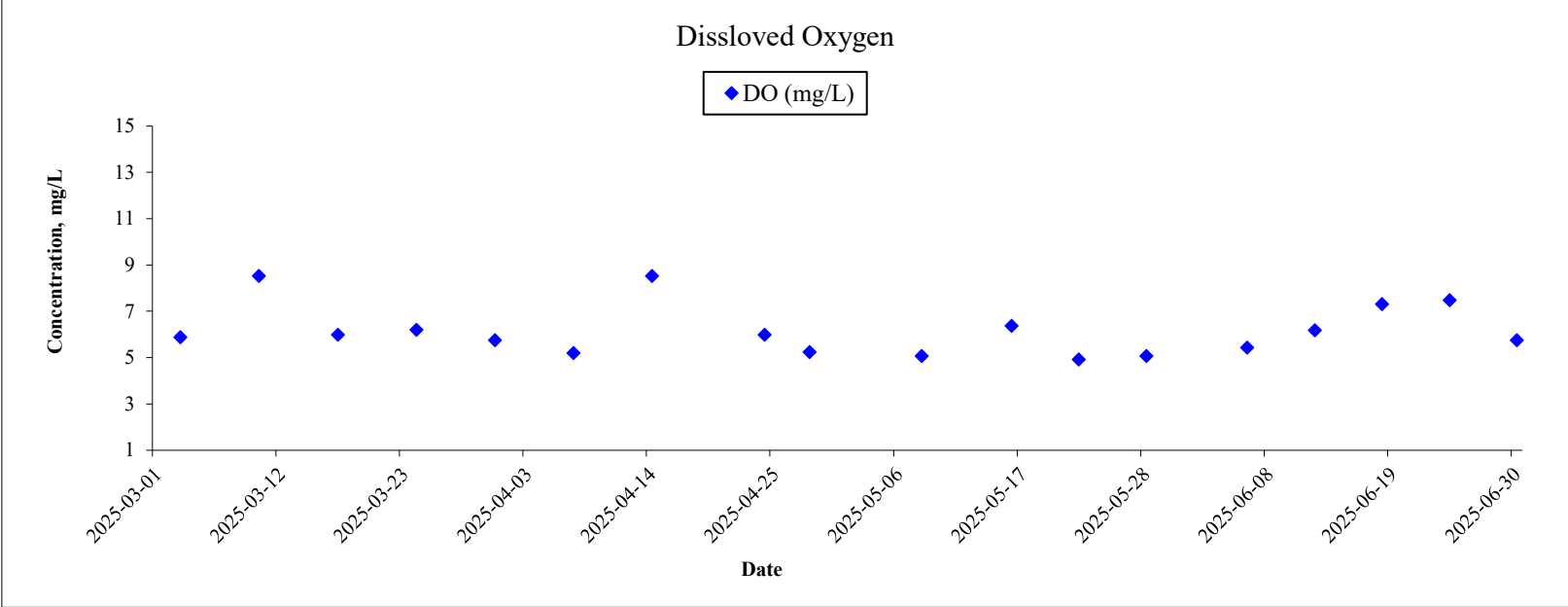


Monitoring Location: C8



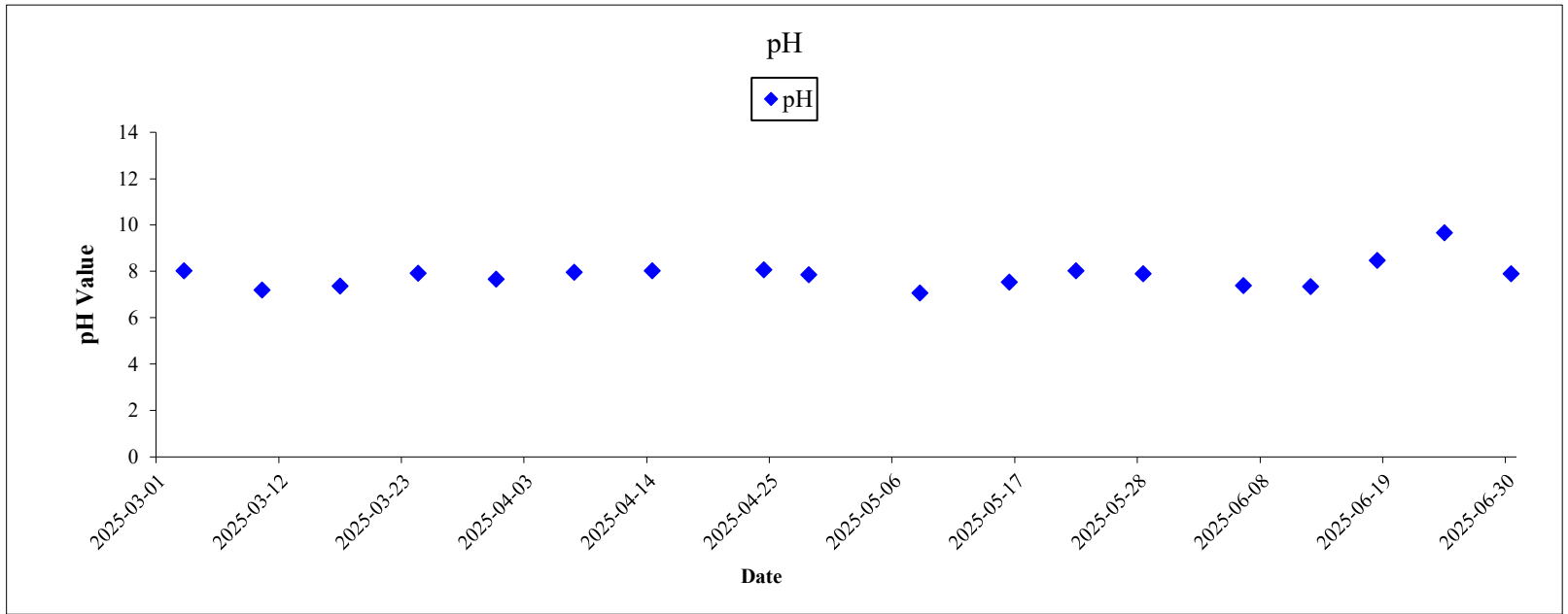
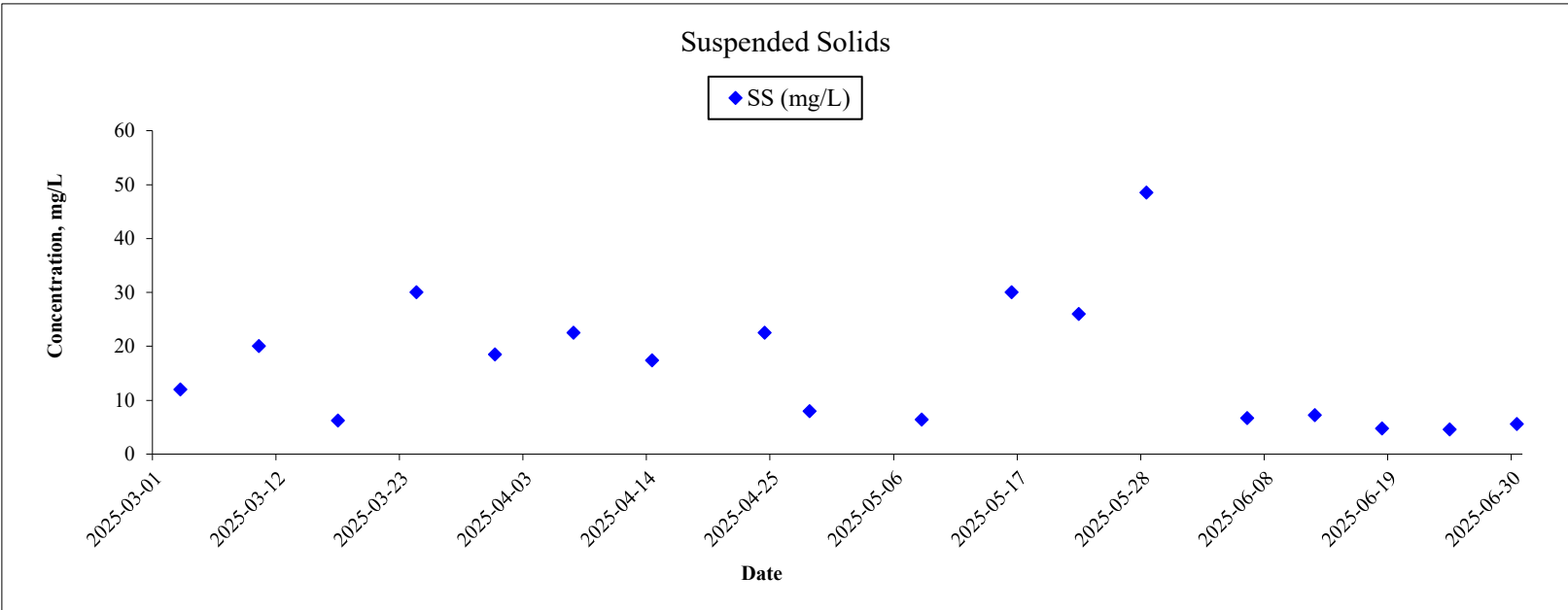
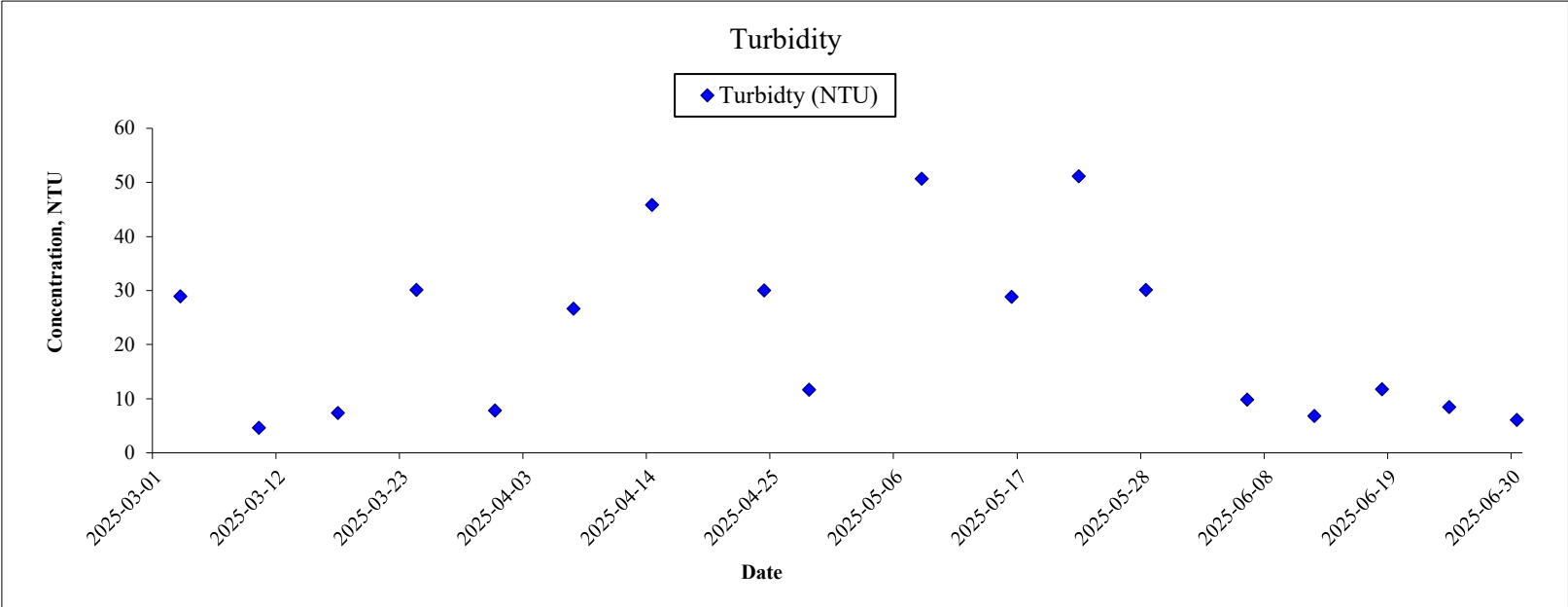
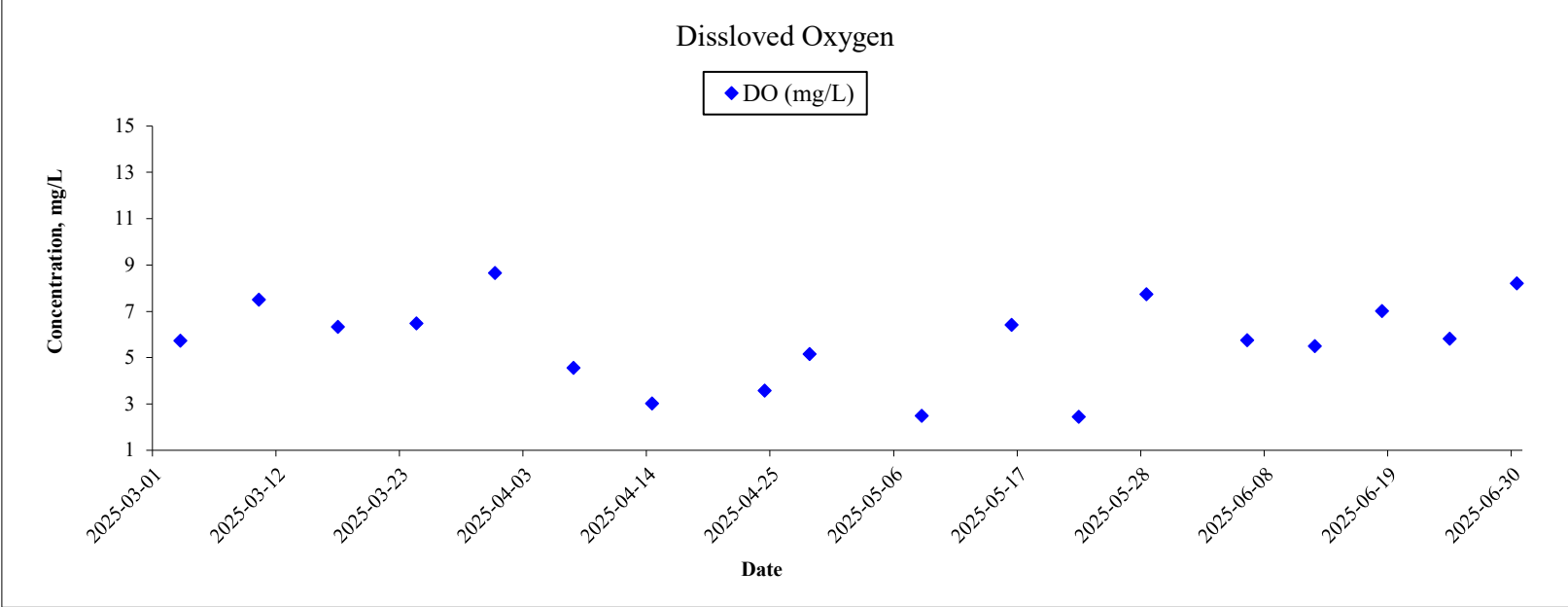


Monitoring Location: C7A



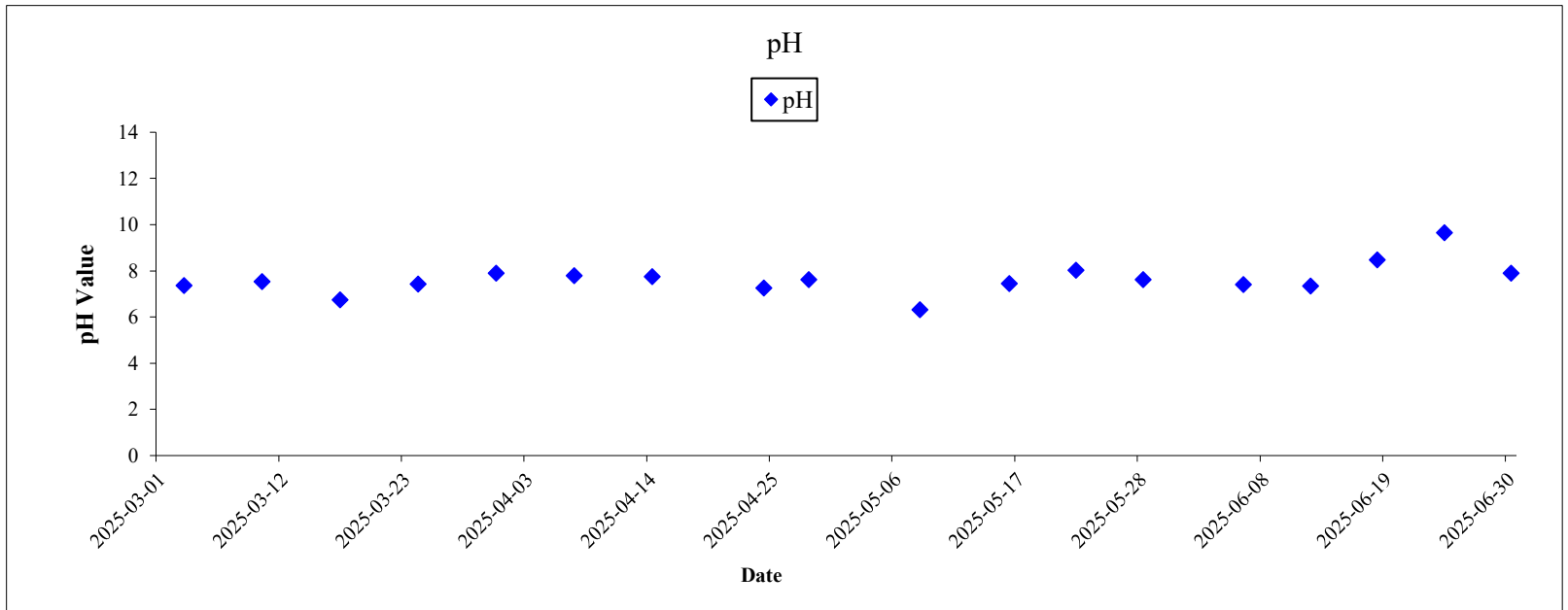
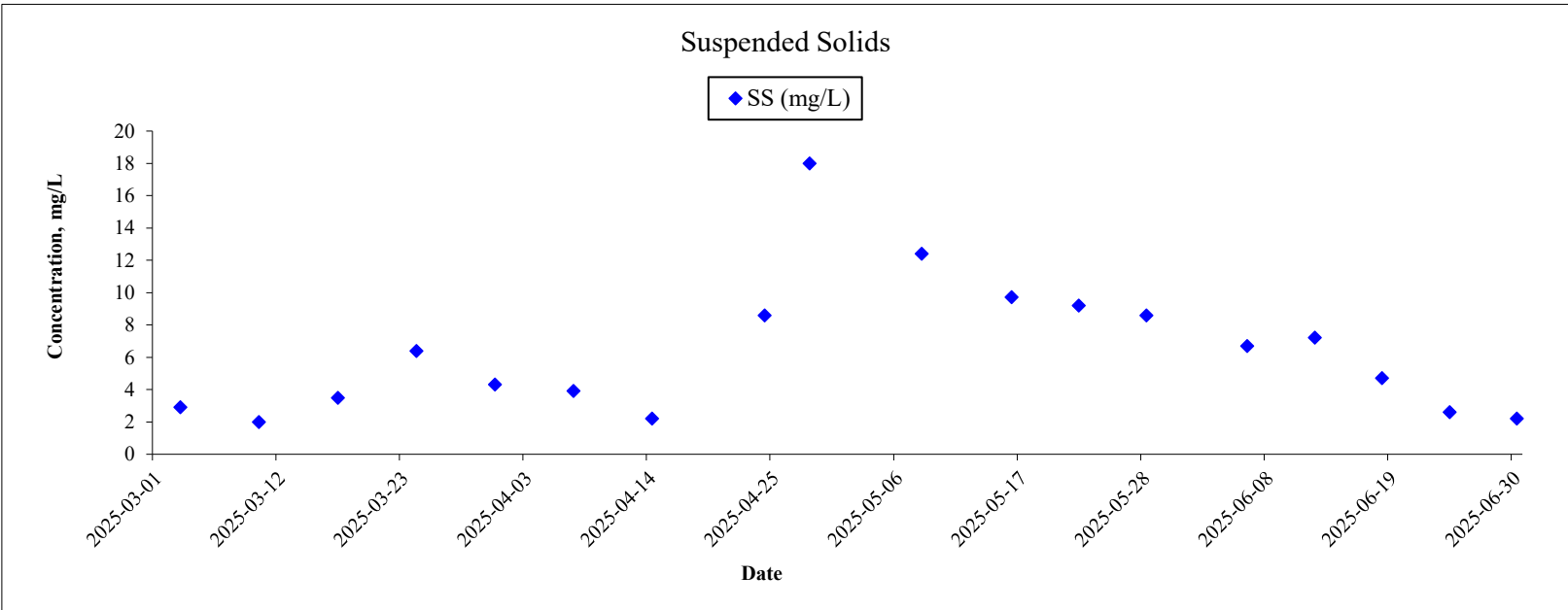
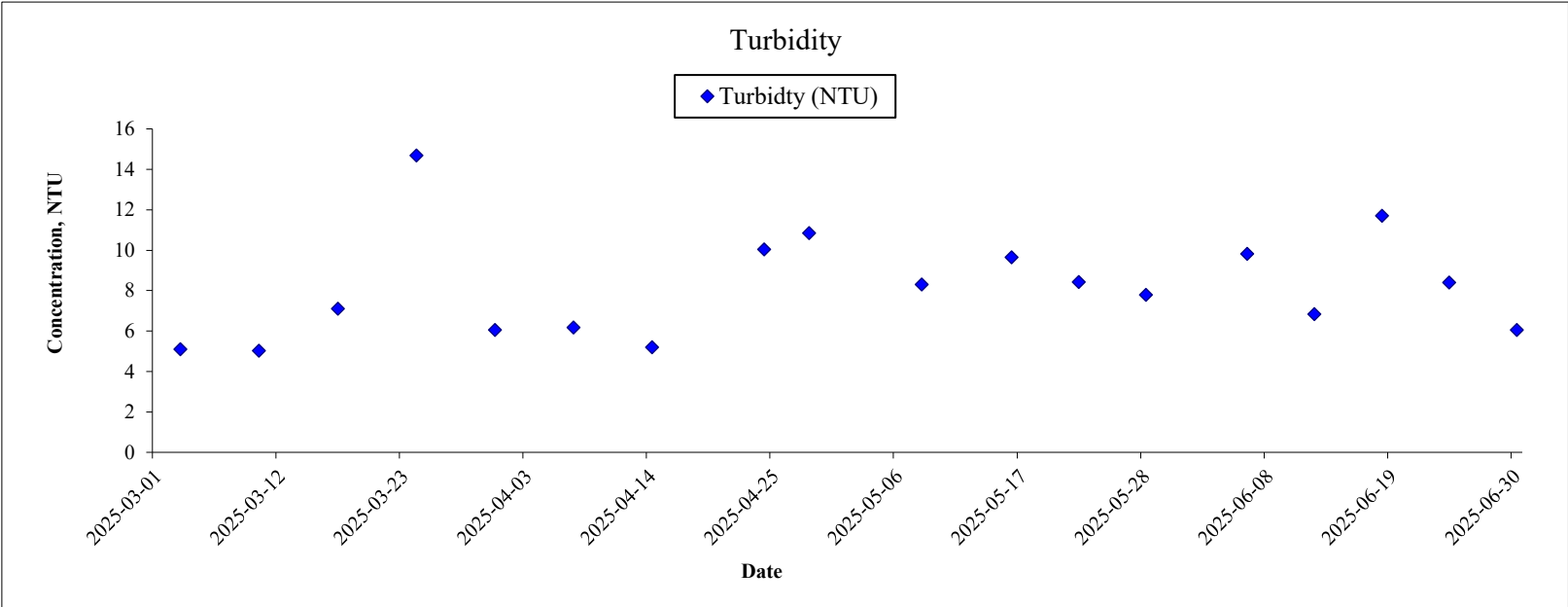
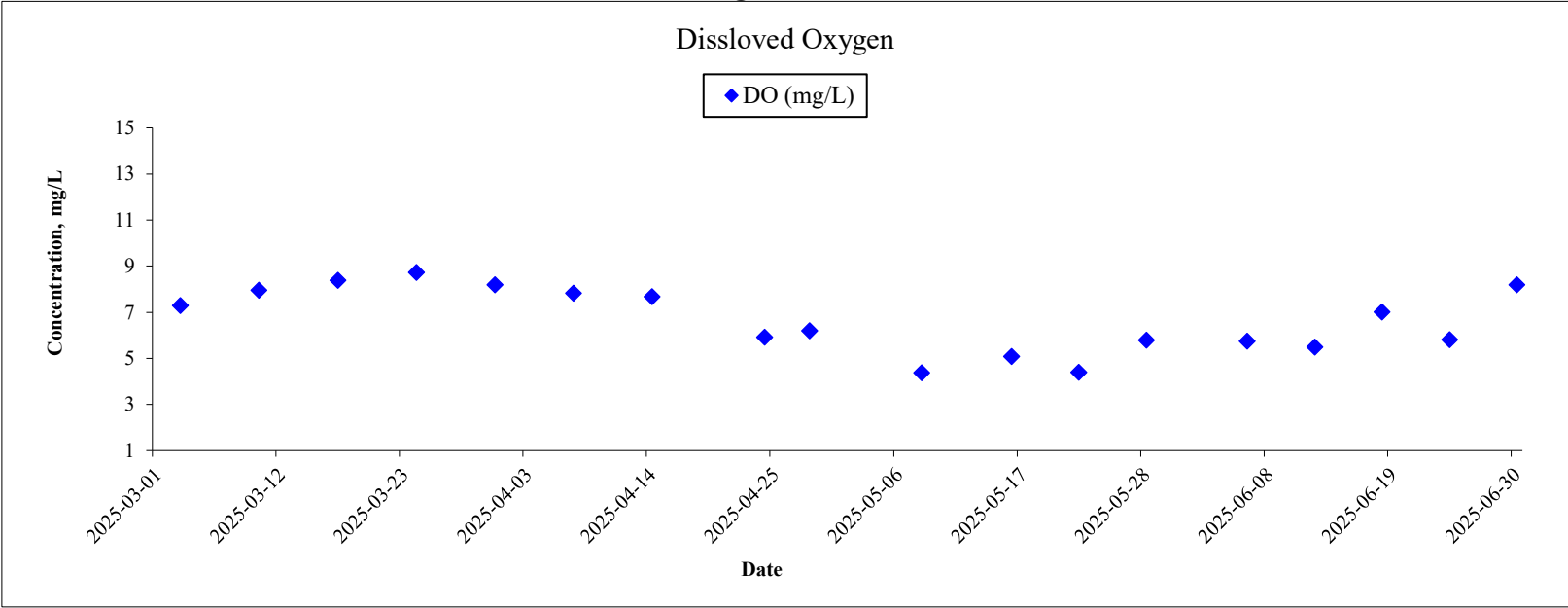


Monitoring Location: C6



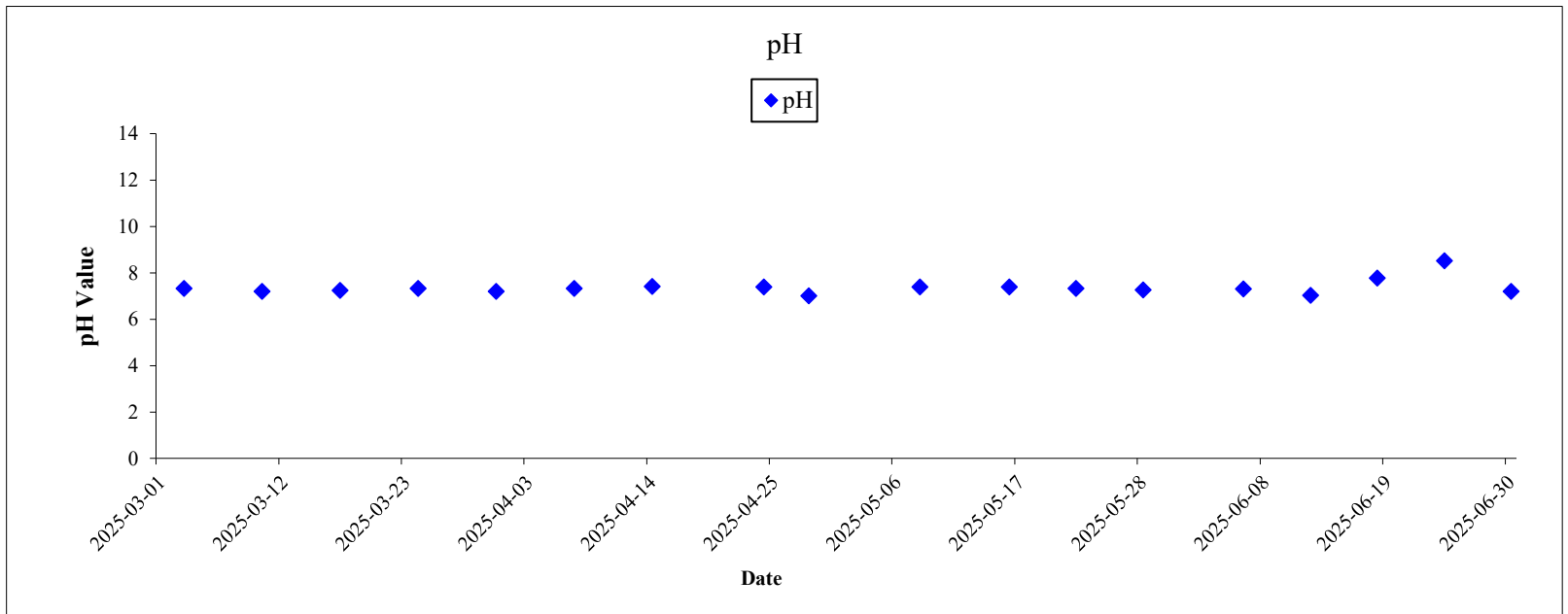
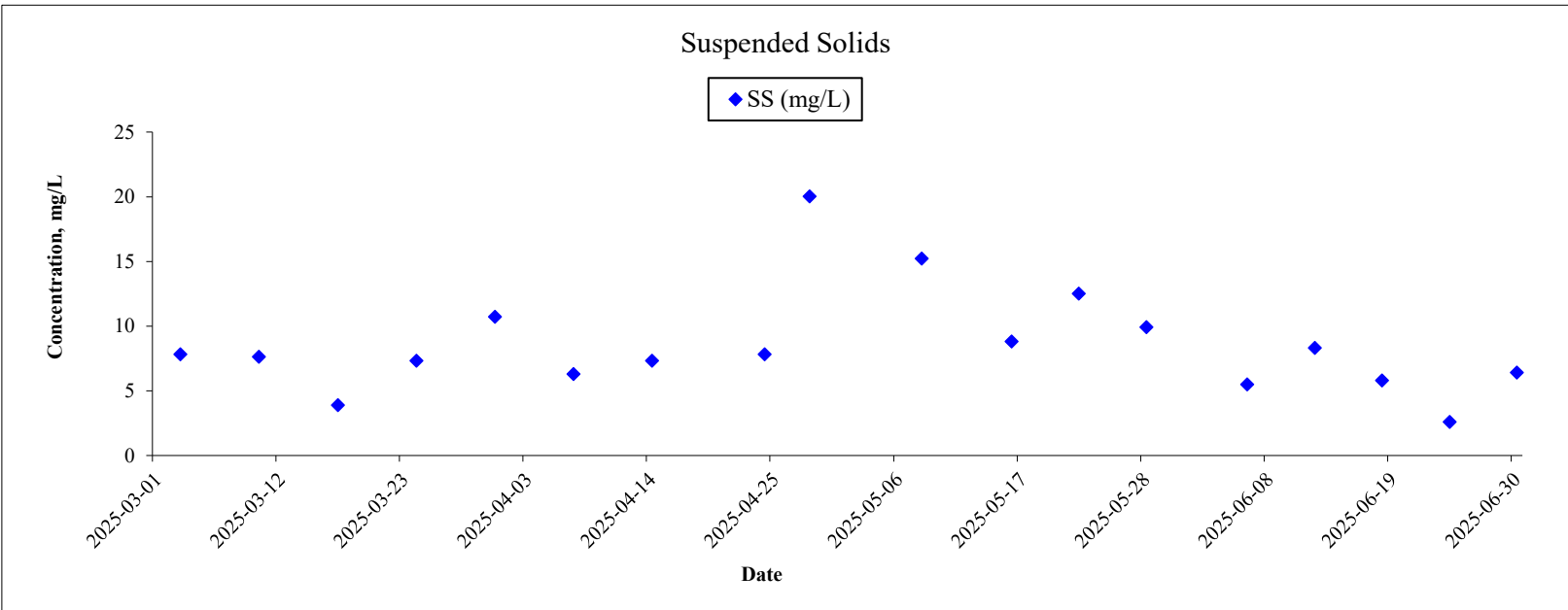
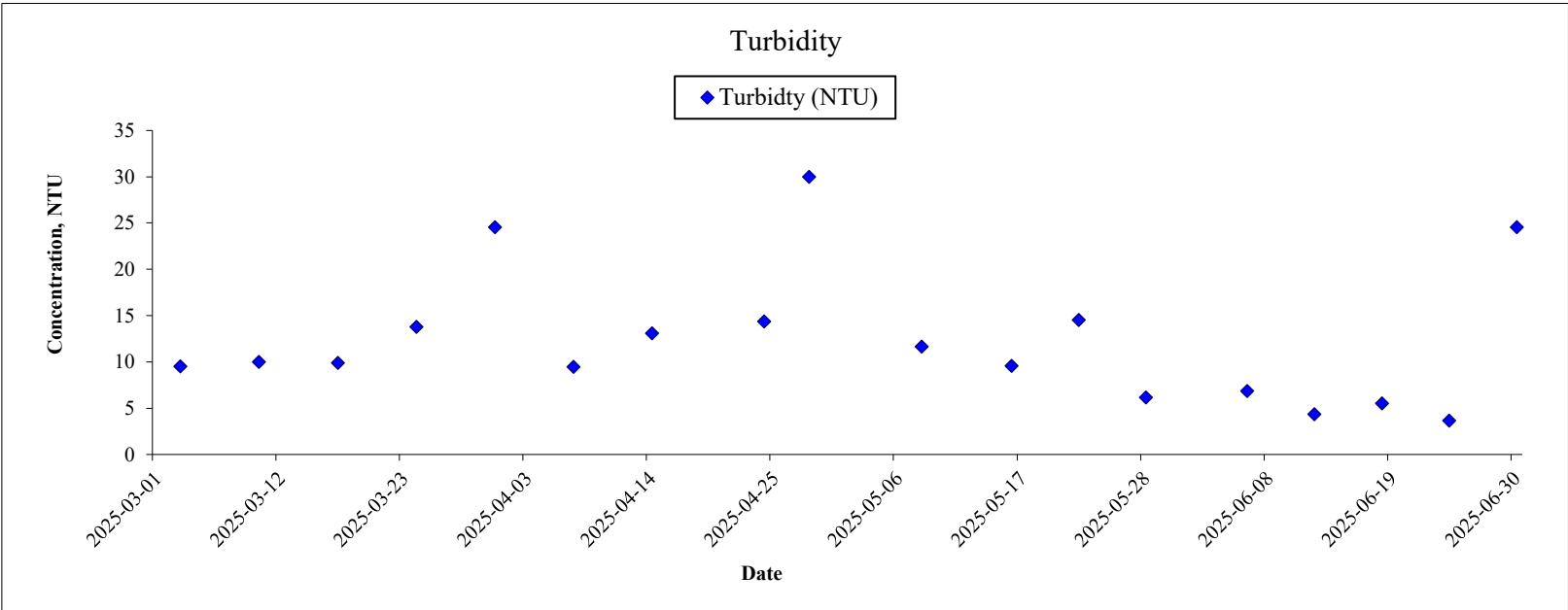
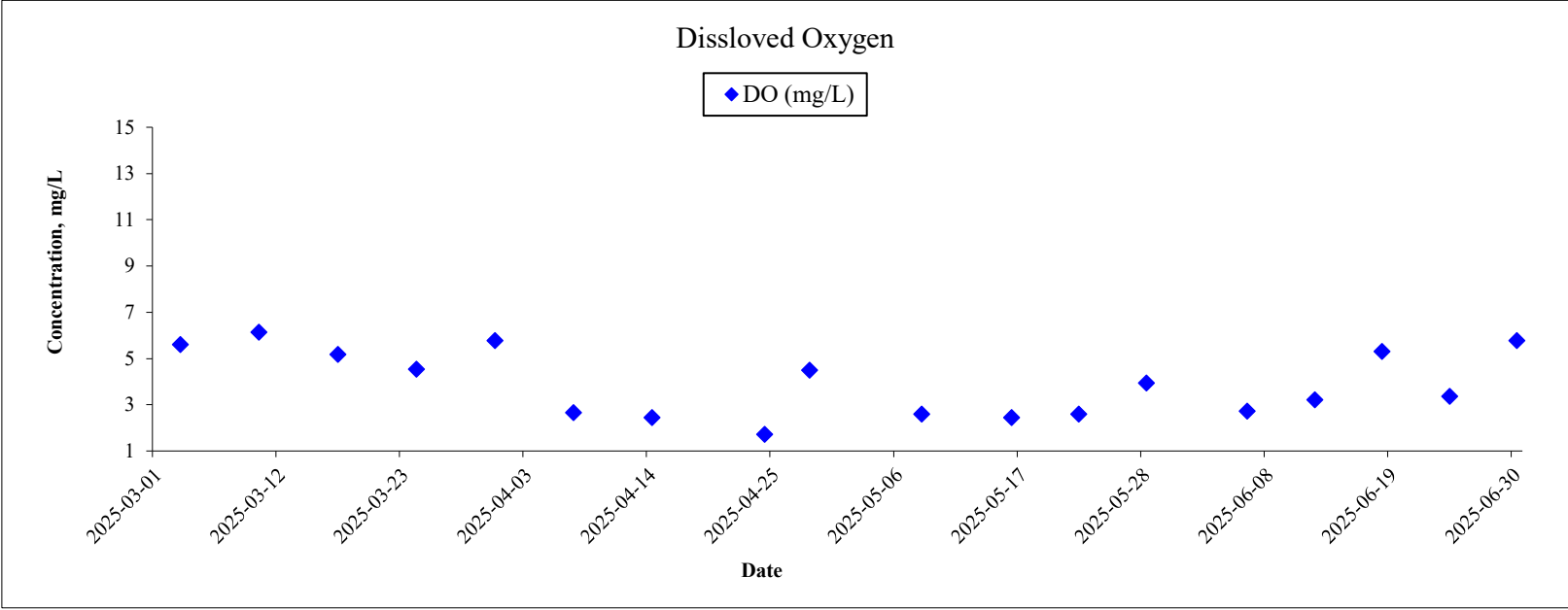


Monitoring Location: C3A





Monitoring Location: C2





Monitoring Location: C1A

