

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	20250903	Sunny	12:00	0.32	6.77	6.77	84.5	85.0	7.43	7.43	0.08	0.08	30.2	30.2	4.10	4.10	2.8	2.7	
C1A	20250903	Sunny	12:00	0.32	6.77		85.5		7.43		0.08		30.2		4.10		2.5		
C1A	20250909	Cloudy	12:47	0.50	6.93	6.93	86.7	86.7	7.08	7.08	0.07	0.07	27.5	27.5	6.06	6.00	2.0	1.8	
C1A	20250909	Cloudy	12:47	0.50	6.92		86.6		7.08		0.07		27.5		5.93		1.5		
C1A	20250915	Sunny	12:15	0.40	6.77	6.77	87.6	87.3	6.81	6.82	0.08	0.08	28.3	28.3	8.36	8.04	3.0	3.7	
C1A	20250915	Sunny	12:15	0.40	6.77		87.0		6.83		0.08		28.3		7.71		4.4		
C1A	20250926	Sunny	13:12	0.50	7.52	7.52	95.7	95.7	7.07	7.07	0.06	0.06	27.8	27.8	5.81	6.09	5.4	4.3	
C1A	20250926	Sunny	13:12	0.50	7.52		95.7		7.06		0.06		27.8		6.36		3.2		
C1A	20250930	Sunny	12:59	0.48	6.79	6.79	86.9	86.9	6.63	6.69	0.01	0.01	28.1	28.1	6.68	6.50	2.5	2.6	
C1A	20250930	Sunny	12:59	0.48	6.79		86.9		6.75		0.01		28.1		6.31		2.7		

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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	20250903	Sunny	11:50	0.18	5.63	5.63	72.4	72.4	6.99	6.99	0.06	0.06	28.4	28.4	2.18	2.27	1.2	1.2	
C2	20250903	Sunny	11:50	0.18	5.63		72.4		6.99		0.06		28.4		2.35		1.2		
C2	20250909	Cloudy	12:25	0.28	6.49	6.48	81.4	81.3	7.42	7.42	0.07	0.07	27.0	27.0	53.55	54.63	13.0	12.5	
C2	20250909	Cloudy	12:25	0.28	6.47		81.1		7.42		0.07		27.0		55.70		12.0		
C2	20250915	Sunny	11:53	0.30	5.93	5.93	76.2	76.2	7.02	7.02	0.05	0.05	28.4	28.4	3.23	3.23	1.3	1.5	
C2	20250915	Sunny	11:53	0.30	5.93		76.2		7.02		0.05		28.4		3.22		1.7		
C2	20250926	Sunny	11:53	0.30	7.33	7.32	91.5	91.5	6.99	6.99	0.04	0.04	26.6	26.6	6.15	6.16	2.3	2.2	
C2	20250926	Sunny	11:53	0.30	7.30		91.5		6.99		0.04		26.6		6.17		2.1		
C2	20250930	Sunny	12:47	0.32	6.33	6.33	81.0	81.0	6.81	6.78	0.04	0.04	28.0	28.0	2.83	2.82	<1.0	1.2	
C2	20250930	Sunny	12:47	0.32	6.33		80.9		6.75		0.04		28.0		2.81		1.4		

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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)		Temperature (°C)		Turbidity (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C3A	20250903	Sunny	11:42	0.44	6.54	6.54	81.3	81.4	7.49	7.47	0.01	0.02	26.5	26.6	3.21	3.54	1.3	1.4	
C3A	20250903	Sunny	11:42	0.44	6.53		81.4		7.44		0.02		26.6		3.87		1.4		
C3A	20250909	Cloudy	12:20	0.44	6.71	6.71	83.4	83.4	7.76	7.76	0.01	0.01	26.4	26.4	68.75	68.51	22.0	20.0	
C3A	20250909	Cloudy	12:20	0.44	6.71		83.3		7.76		0.01		26.3		68.27		18.0		
C3A	20250915	Sunny	11:52	0.56	6.67	6.64	83.1	82.7	7.34	7.43	0.02	0.02	26.6	26.7	3.85	3.88	<1.0	1.2	
C3A	20250915	Sunny	11:52	0.56	6.60		82.3		7.51		0.02		26.7		3.91		1.4		
C3A	20250926	Sunny	12:50	0.58	7.70	7.70	95.2	95.3	6.97	6.98	0.01	0.01	26.2	26.2	5.50	5.63	1.6	1.3	
C3A	20250926	Sunny	12:50	0.58	7.70		95.3		6.98		0.01		26.2		5.75		<1.0		
C3A	20250930	Sunny	12:41	0.56	6.72	6.72	83.5	83.5	7.24	7.24	0.01	0.01	26.4	26.4	4.62	4.62	1.4	1.2	
C3A	20250930	Sunny	12:41	0.56	6.72		83.5		7.24		0.01		26.4		4.61		<1.0		

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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)		Temperature (°C)		Turbidity (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C6	20250903	Sunny	10:50	0.18	6.46	6.45	81.9	81.8	7.73	7.73	0.12	0.12	27.5	27.5	5.61	5.66	2.5	2.7	
C6	20250903	Sunny	10:50	0.18	6.44		81.6		7.72		0.12		27.5		5.71		2.8		
C6	20250909	Cloudy	11:15	0.30	6.71	6.71	83.6	83.6	7.01	7.02	0.08	0.08	26.6	26.6	92.42	90.53	36.0	41.5	
C6	20250909	Cloudy	11:15	0.30	6.70		83.5		7.02		0.08		26.6		88.64		47.0		
C6	20250915	Sunny	11:00	0.12	5.72	5.68	72.8	72.4	7.55	7.56	0.29	0.29	27.8	27.8	4.70	4.67	1.6	2.0	
C6	20250915	Sunny	11:00	0.12	5.64		71.9		7.57		0.29		27.8		4.64		2.4		
C6	20250926	Sunny	11:55	0.14	7.27	7.33	90.2	91.3	7.34	7.40	0.07	0.07	26.4	26.7	5.20	5.23	1.2	1.7	
C6	20250926	Sunny	11:55	0.14	7.38		92.4		7.45		0.07		26.9		5.25		2.2		
C6	20250930	Sunny	11:30	0.20	5.79	5.84	72.3	72.8	7.20	7.17	0.06	0.06	26.6	26.6	2.28	2.37	<1.0	1.0	
C6	20250930	Sunny	11:30	0.20	5.88		73.2		7.13		0.06		26.6		2.46		<1.0		

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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	20250903	Sunny	11:08	0.10	6.65	6.65	87.4	87.4	7.8	7.8	0.13	0.13	29.6	29.6	3.71	3.73	1.6	1.6	
C7A	20250903	Sunny	11:08	0.10	6.65		87.4		7.80		0.13		29.6		3.74		1.6		
C7A	20250909	Cloudy	11:37	0.20	6.72	6.72	84.0	84.1	7.01	7.02	0.09	0.09	26.8	26.8	57.34	56.30	35.0	31.5	
C7A	20250909	Cloudy	11:37	0.20	6.72		84.1		7.02		0.09		26.8		55.25		28.0		
C7A	20250915	Sunny	11:12	0.10	5.20	5.20	68.1	68.1	7.41	7.41	0.12	0.12	29.3	29.3	2.89	2.90	<1.0	1.3	
C7A	20250915	Sunny	11:12	0.10	5.20		68.1		7.41		0.12		29.3		2.91		1.5		
C7A	20250926	Sunny	12:10	0.12	6.19	6.19	77.7	77.7	7.42	7.42	0.11	0.11	27.0	27.0	8.61	8.66	4.2	4.3	
C7A	20250926	Sunny	12:10	0.12	6.19		77.7		7.42		0.11		27.0		8.70		4.3		
C7A	20250930	Sunny	11:43	0.10	4.57	4.54	59.7	59.3	7.27	7.27	0.11	0.11	27.0	27.0	3.31	3.33	<1.0	1.6	
C7A	20250930	Sunny	11:43	0.10	4.50		58.8		7.27		0.11		27.0		3.35		2.1		

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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	20250903	Sunny	11:15	0.22	5.38	5.38	69.8	69.2	7.5	7.48	0.12	0.12	28.8	28.8	6.77	6.72	1.7	1.7	
C8	20250903	Sunny	11:15	0.22	5.38		68.5		7.46		0.12		28.8		6.67		1.6		
C8	20250909	Cloudy	11:43	0.22	6.71	6.71	83.8	83.8	7.13	7.11	0.08	0.08	26.7	26.7	7.69	7.74	3.5	4.3	
C8	20250909	Cloudy	11:43	0.22	6.70		83.8		7.08		0.08		26.7		7.79		5.1		
C8	20250915	Sunny	11:18	0.14	5.63	5.63	72.8	72.9	7.32	7.32	0.10	0.10	28.7	28.7	11.86	12.08	2.4	2.7	
C8	20250915	Sunny	11:18	0.14	5.63		72.9		7.31		0.10		28.7		12.30		2.9		
C8	20250926	Sunny	12:18	0.16	7.60	7.62	95.2	95.4	6.54	6.53	0.08	0.08	26.9	26.9	8.26	8.14	2.2	3.0	
C8	20250926	Sunny	12:18	0.16	7.63		95.6		6.52		0.08		26.9		8.02		3.7		
C8	20250930	Sunny	12:07	0.16	5.97	5.97	77.5	77.5	7.04	7.04	0.07	0.07	28.9	28.9	14.58	14.58	7.4	7.3	
C8	20250930	Sunny	12:07	0.16	5.96		77.4		7.03		0.07		28.9		14.58		7.1		

Remarks: Exceedance of limit level is highlighted in yellow.

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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	20250903	Sunny	10:18	0.24	6.65	6.65	82.5	82.5	7.47	7.47	0.05	0.05	26.4	26.4	2.32	2.27	2.4	2.5	
C9	20250903	Sunny	10:18	0.24	6.64		82.4		7.46		0.05		26.4		2.21		2.6		
C9	20250909	Cloudy	10:32	0.30	6.61	6.61	81.6	81.7	7.33	7.32	0.06	0.06	26.1	26.1	2.41	2.43	1.1	1.2	
C9	20250909	Cloudy	10:32	0.30	6.61		81.7		7.31		0.06		26.1		2.44		1.3		
C9	20250915	Sunny	10:17	0.20	6.71	6.71	82.4	82.6	6.91	6.81	0.05	0.05	25.8	25.9	1.80	1.94	1.0	1.0	
C9	20250915	Sunny	10:17	0.20	6.71		82.7		6.71		0.05		26.0		2.07		<1.0		
C9	20250926	Sunny	11:25	0.40	7.81	7.81	95.3	95.3	7.32	7.32	0.04	0.04	25.4	25.4	9.09	9.08	2.7	2.5	
C9	20250926	Sunny	11:25	0.40	7.81		95.3		7.32		0.04		25.4		9.06		2.2		
C9	20250930	Sunny	10:48	0.30	6.79	6.79	83.4	83.5	7.58	7.66	0.04	0.04	25.8	25.9	2.61	2.65	<1.0	1.0	
C9	20250930	Sunny	10:48	0.30	6.78		83.6		7.73		0.04		26.0		2.68		<1.0		

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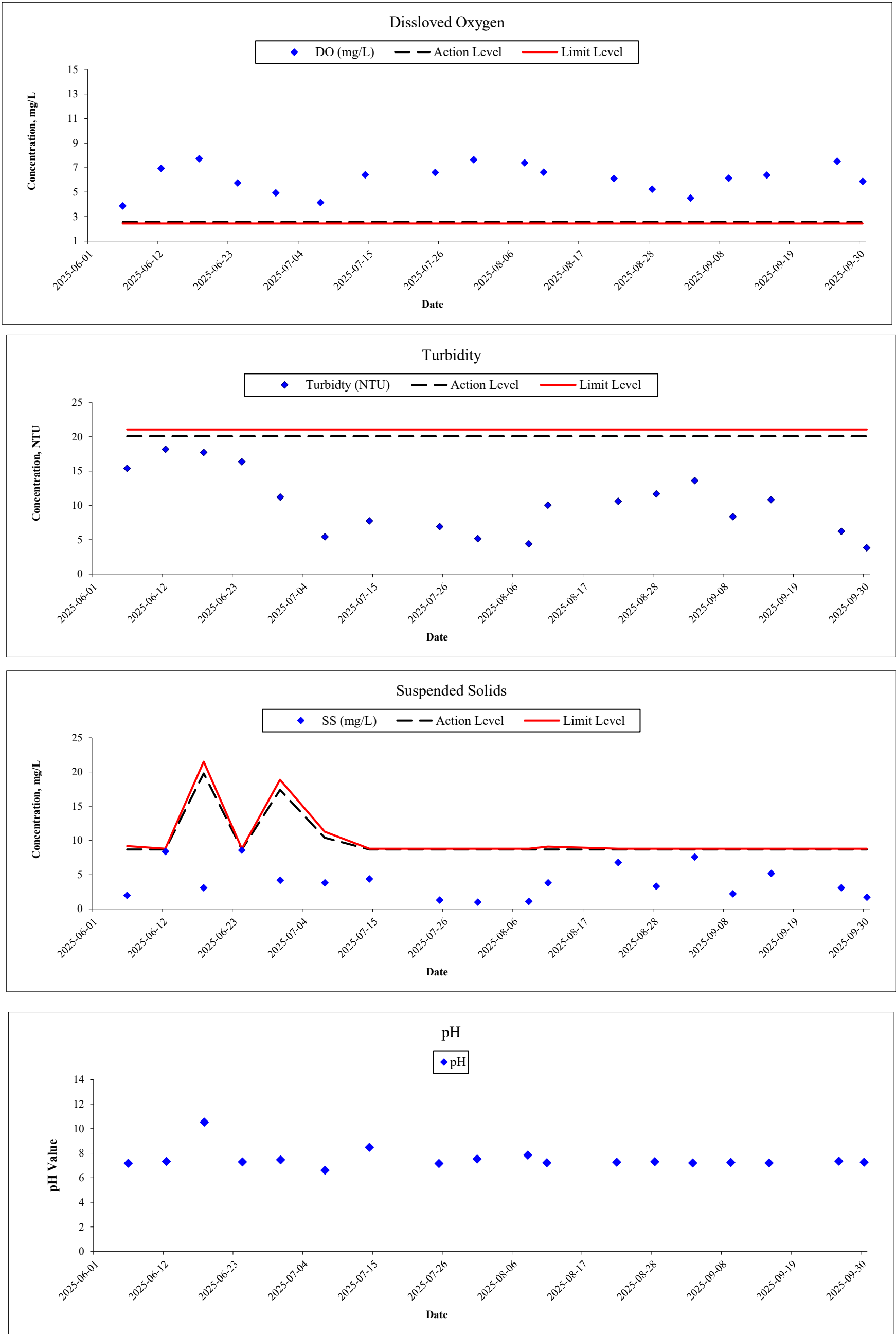


Water Quality Monitoring Location: C10

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	20250903	Sunny	10:31	0.22	4.39	4.52	55.8	57.5	7.15	7.20	0.06	0.06	27.7	27.8	12.33	13.62	7.5	7.6	
C10	20250903	Sunny	10:31	0.22	4.64		59.1		7.24		0.06		27.8		14.90		7.6		
C10	20250909	Cloudy	10:45	0.40	6.22	6.13	77.4	76.3	7.27	7.24	0.06	0.06	26.5	26.5	7.61	8.35	2.7	2.2	
C10	20250909	Cloudy	10:45	0.40	6.04		75.1		7.21		0.06		26.5		9.08		1.7		
C10	20250915	Sunny	10:33	0.34	6.37	6.39	80.0	80.2	7.20	7.21	0.08	0.08	27.1	27.1	10.92	10.85	5.9	5.2	
C10	20250915	Sunny	10:33	0.34	6.40		80.4		7.21		0.08		27.0		10.77		4.5		
C10	20250926	Sunny	11:10	0.50	7.52	7.53	92.5	92.6	7.34	7.36	0.04	0.04	25.9	25.9	6.23	6.22	2.6	3.1	
C10	20250926	Sunny	11:10	0.50	7.54		92.7		7.38		0.04		25.9		6.21		3.6		
C10	20250930	Sunny	11:01	0.34	5.66	5.88	70.7	73.6	7.18	7.26	0.05	0.05	26.8	26.9	3.96	3.84	1.7	1.7	
C10	20250930	Sunny	11:00	0.34	6.10		76.5		7.34		0.05		26.9		3.72		1.6		

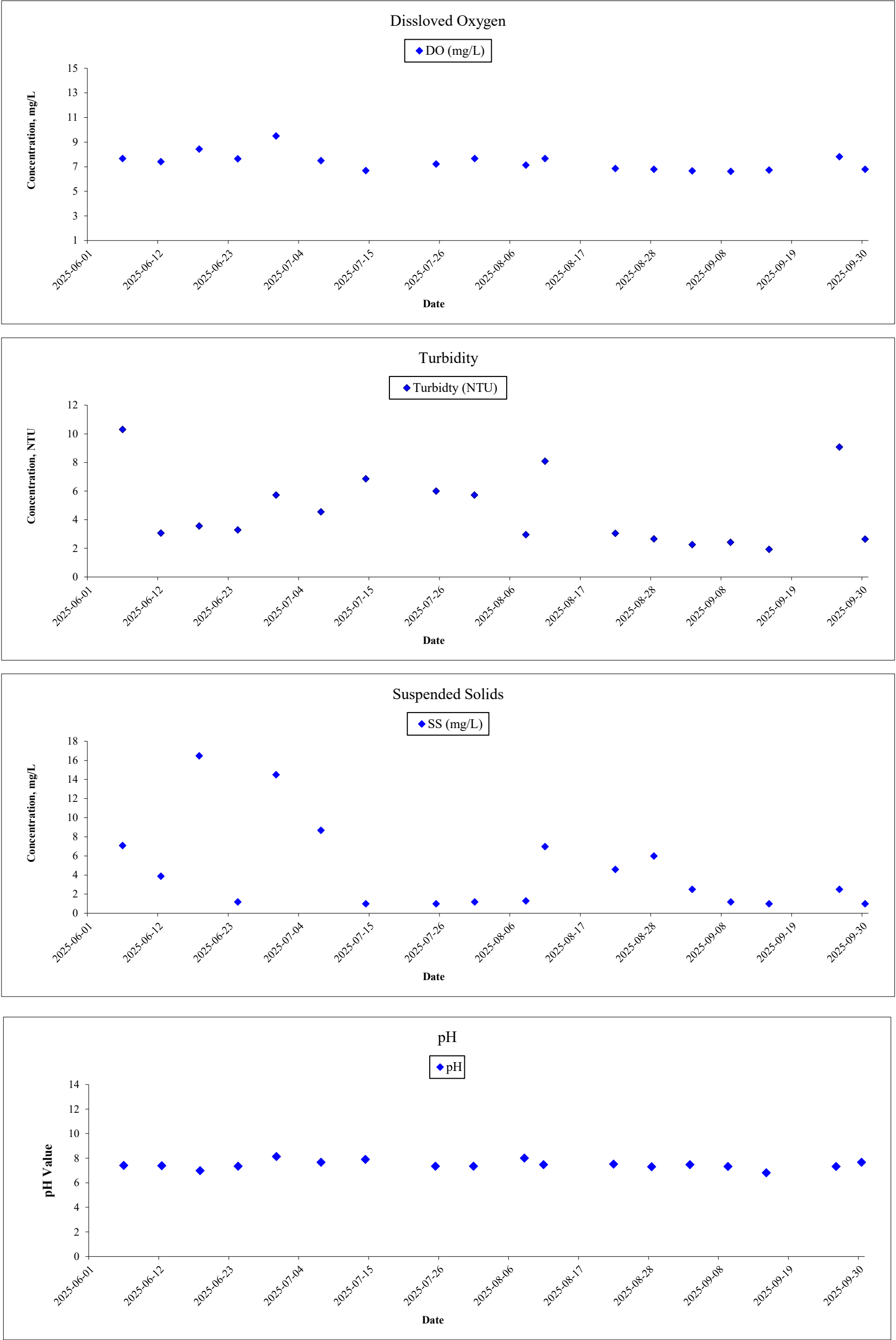


Monitoring Location: C10





Monitoring Location: C9

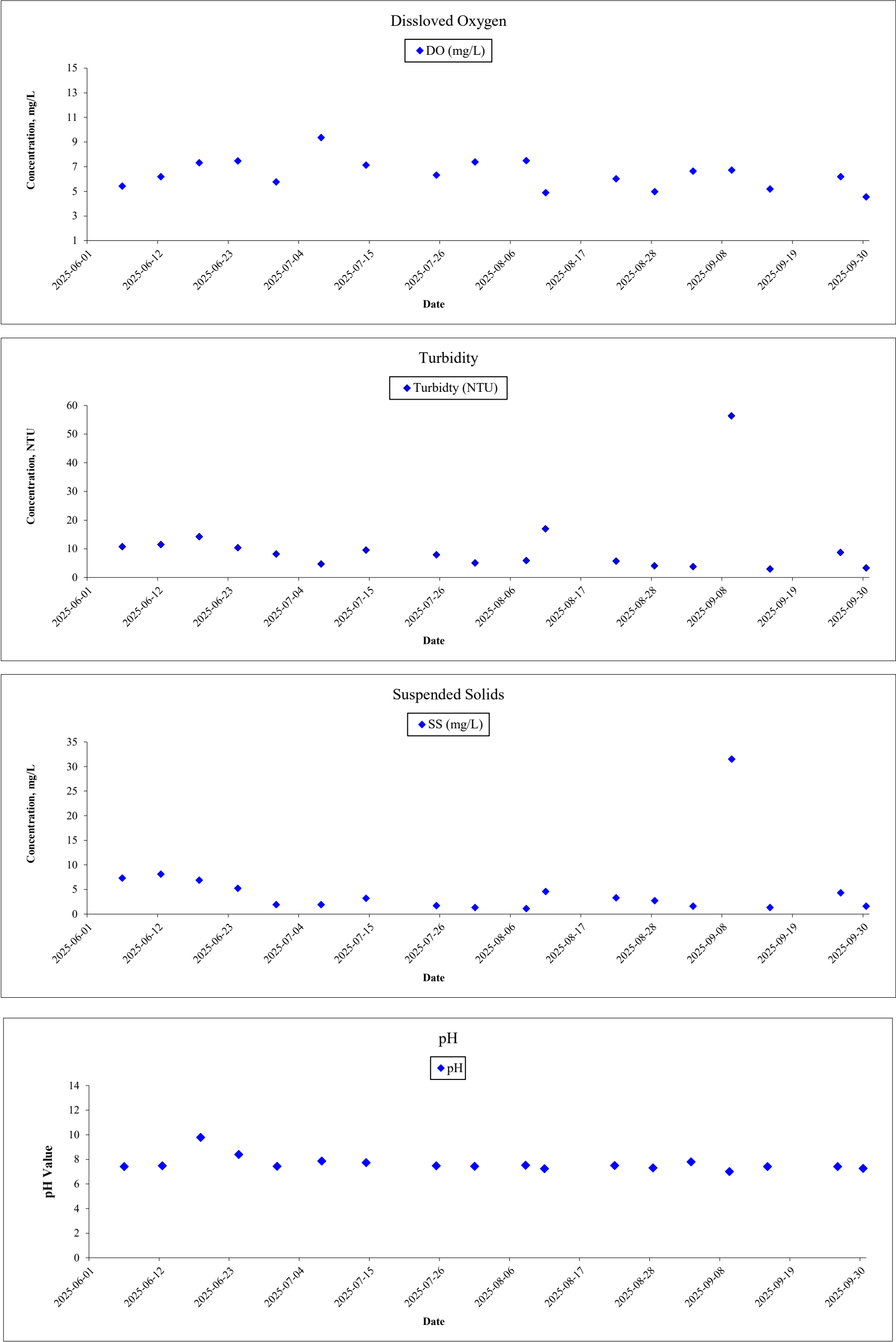


Monitoring Location: C8



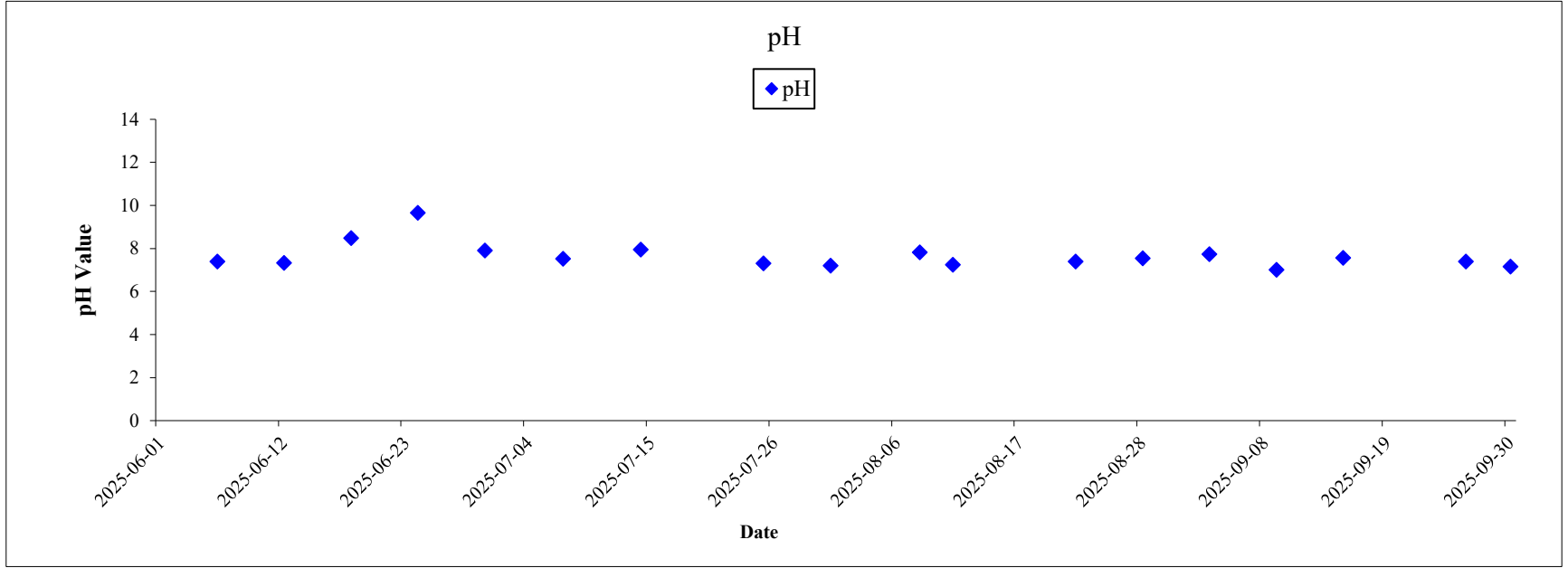
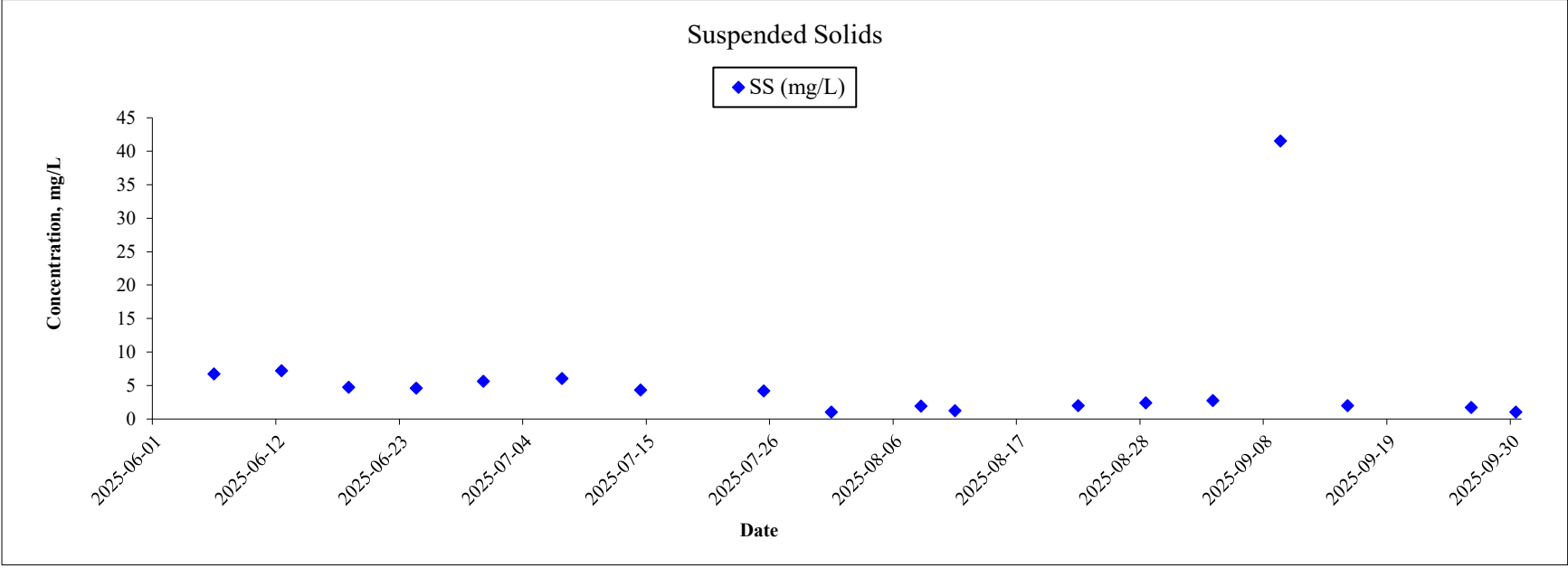
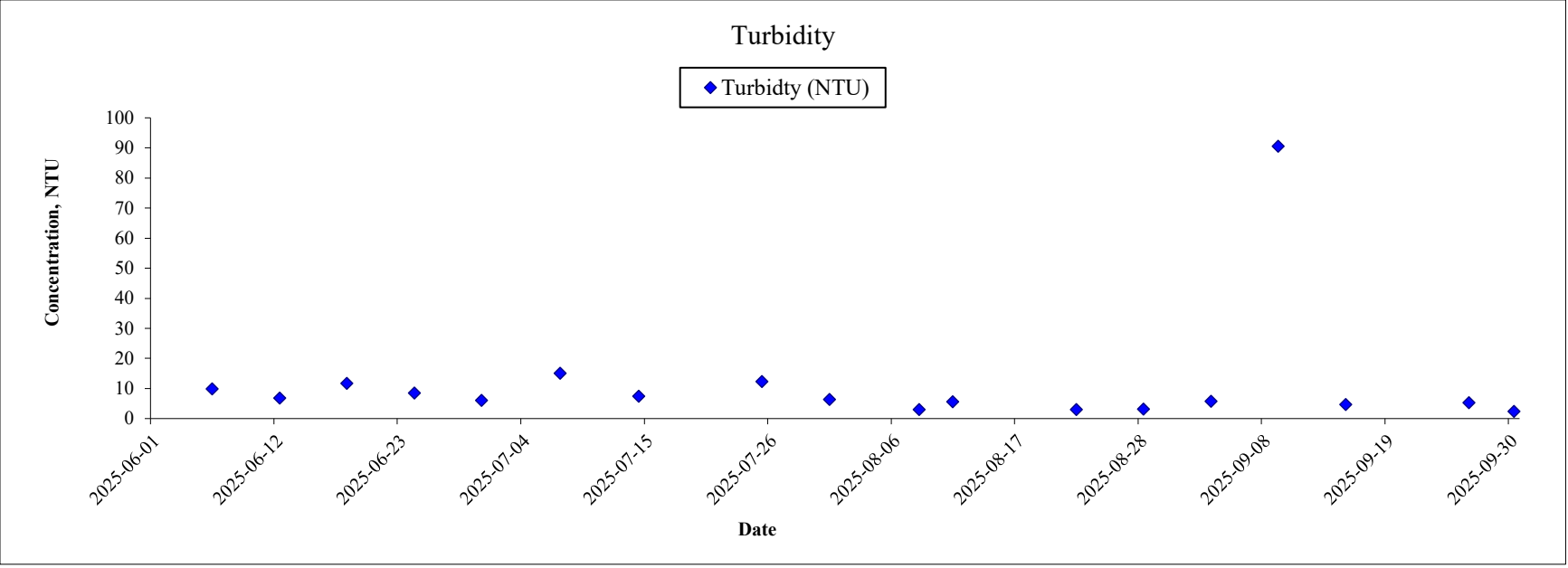
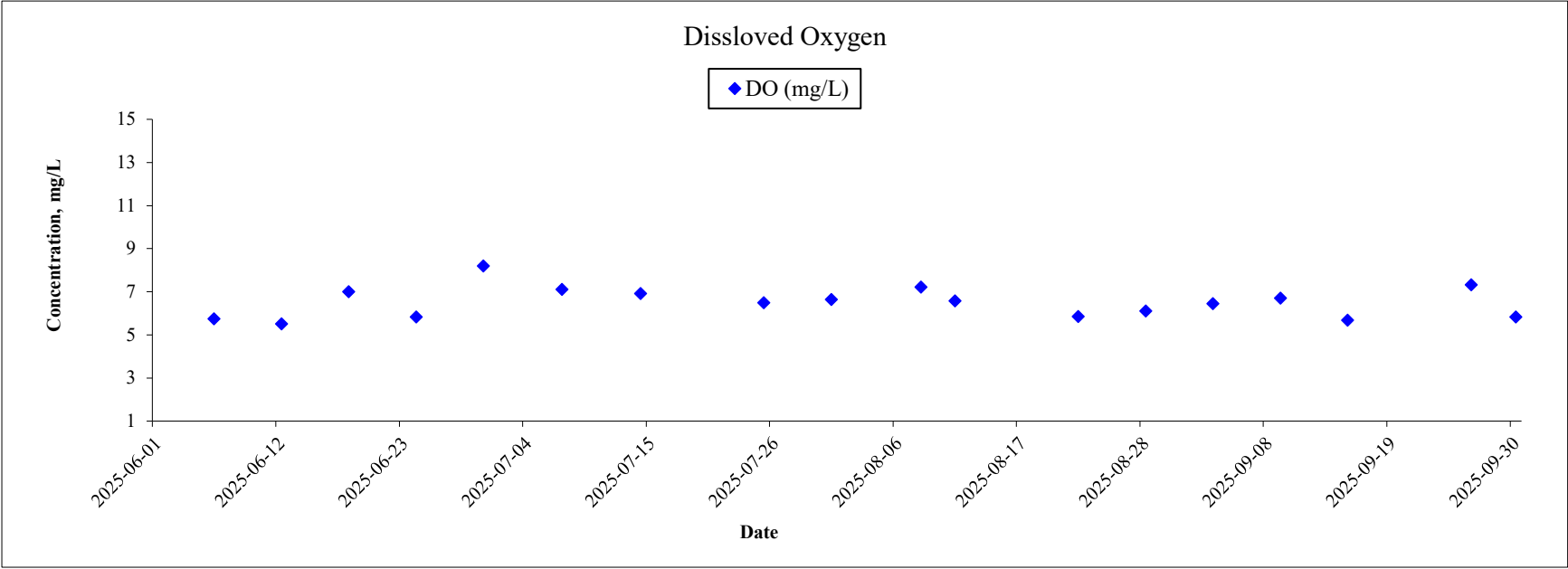


Monitoring Location: C7A



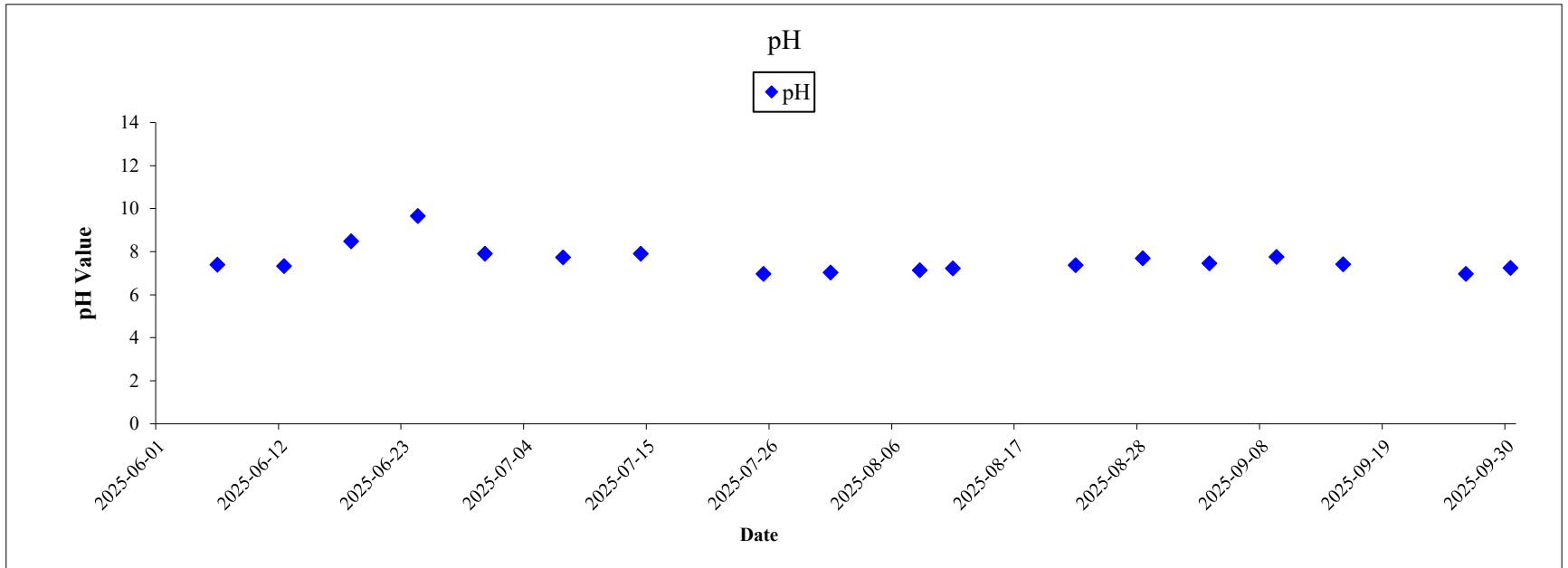
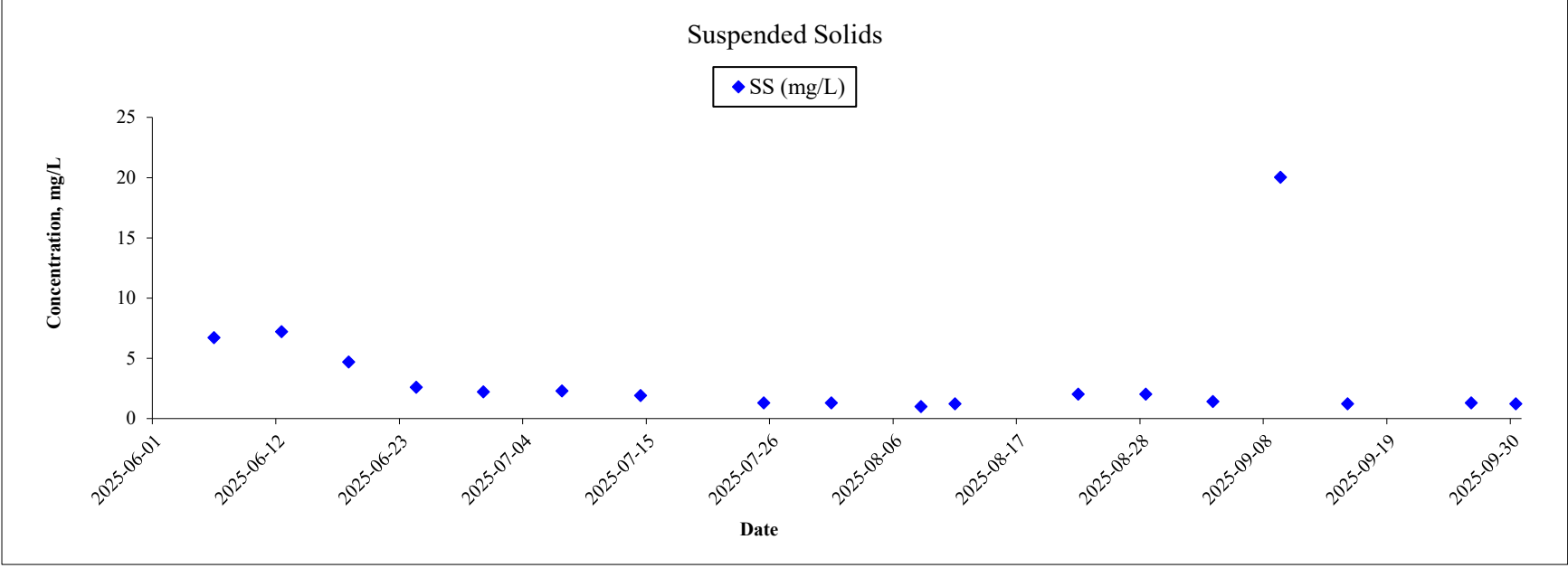
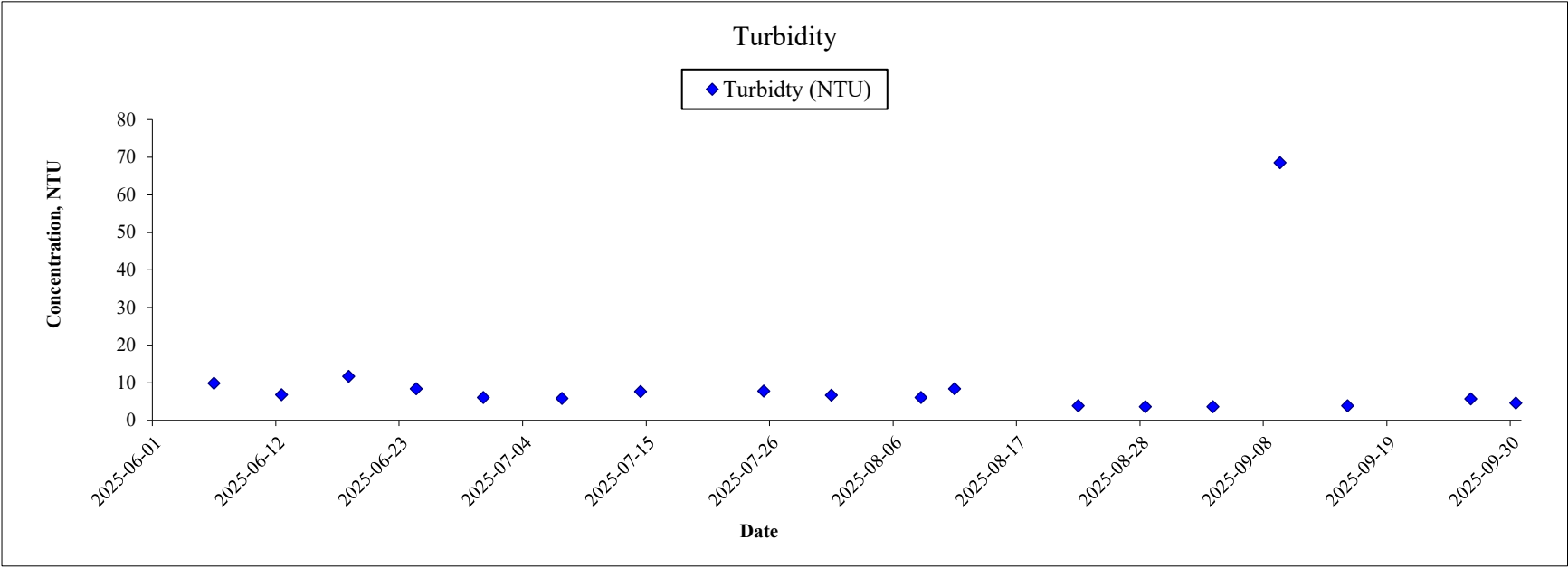
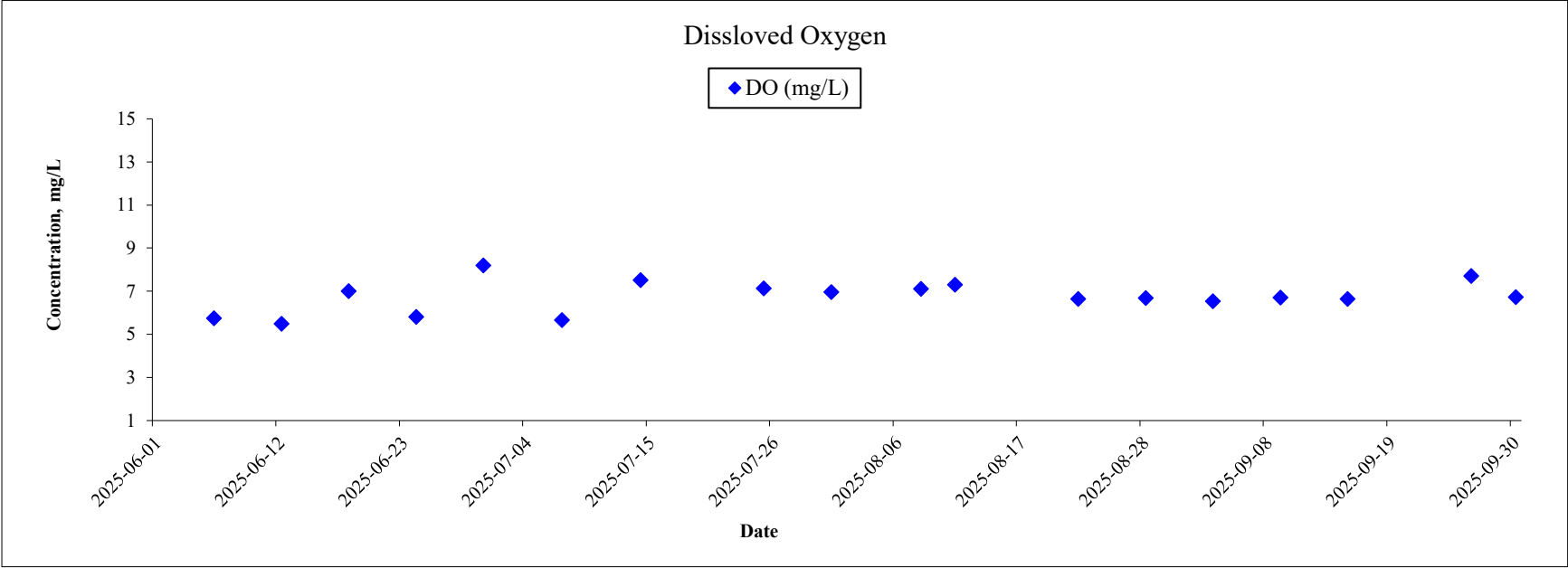


Monitoring Location: C6

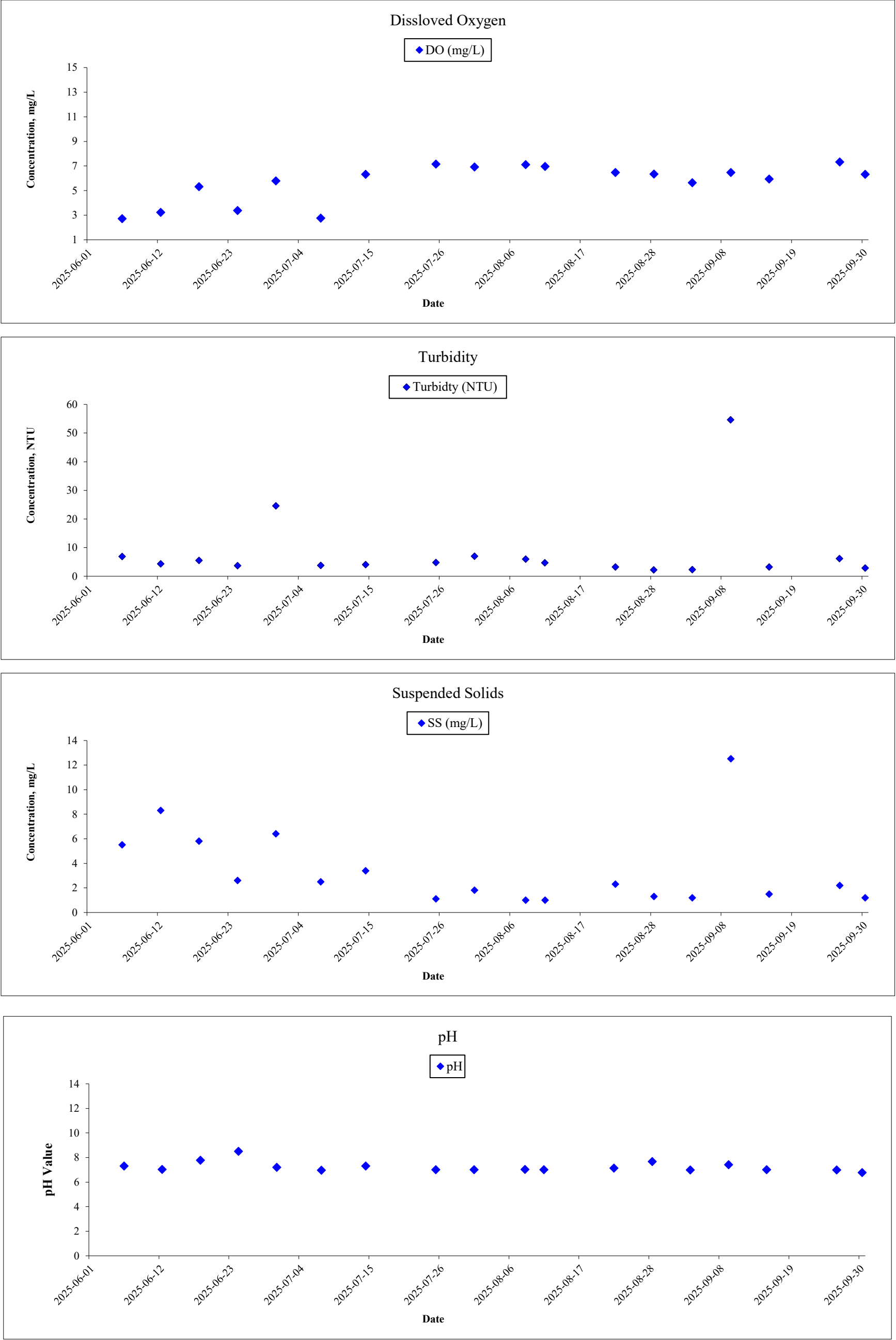




Monitoring Location: C3A



Monitoring Location: C2



Monitoring Location: C1A

