

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	20250808	Cloudy	16:23	0.36	7.09		92.7		7.01		0.04		29.3		5.93		<1.0		
C1A	20250808	Cloudy	16:23	0.36	7.09	7.09	92.7	92.7	7.01	7.01	0.04	0.04	29.3	29.3	5.88	5.91	<1.0	1.0	
C1A	20250811	Cloudy	12:14	0.40	7.28		93.9		6.96		0.07		28.5		7.09		2.0		
C1A	20250811	Cloudy	12:14	0.40	7.28	7.28	94.1	94.0	6.97	6.97	0.07	0.07	28.6	28.6	7.06	7.08	3.8	2.9	
C1A	20250822	Sunny	12:22	0.40	6.77		87.4		6.92		0.05		28.6		9.91		5.1		
C1A	20250822	Sunny	12:22	0.40	6.77	6.77	87.4	87.4	6.92	6.92	0.05	0.05	28.6	28.6	9.86	9.89	8.4	6.8	
C1A	20250828	Cloudy	12:05	0.38	6.93		86.7		6.97		0.05		26.8		7.27		4.0		
C1A	20250828	Cloudy	12:05	0.38	6.92	6.93	86.6	86.7	6.97	6.97	0.05	0.05	26.8	26.8	7.26	7.27	3.7	3.9	

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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	20250808	Cloudy	16:09	0.35	7.11	7.11	93.0	93.0	7.04	7.04	0.04	0.04	29.3	29.3	6.00	5.95	<1.0	1.0	
C2	20250808	Cloudy	16:09	0.35	7.11		93.0		7.04		0.04		29.3		5.95		<1.0		
C2	20250811	Cloudy	12:05	0.36	6.95	6.95	88.0	88.0	7.02	7.02	0.04	0.04	27.5	27.5	4.66	4.70	<1.0	1.0	
C2	20250811	Cloudy	12:05	0.36	6.95		88.0		7.02		0.04		27.5		4.70		<1.0		
C2	20250822	Sunny	11:53	0.30	6.46	6.46	83.2	83.2	7.14	7.14	0.04	0.04	28.5	28.5	3.20	3.15	2.9	2.3	
C2	20250822	Sunny	11:53	0.30	6.46		83.2		7.13		0.04		28.5		3.15		1.7		
C2	20250828	Cloudy	11:53	0.38	6.35	6.35	79.4	79.4	7.70	7.68	0.05	0.05	26.9	26.9	2.22	2.24	<1.0	1.3	
C2	20250828	Cloudy	11:53	0.38	6.34		79.3		7.66		0.05		26.9		2.26		1.6		

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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	20250808	Cloudy	16:01	0.35	7.12	7.12	93.3	93.2	7.17	7.15	0.04	0.04	29.4	29.4	5.99	6.03	<1.0	1.0	
C3A	20250808	Cloudy	16:01	0.35	7.12		93.1		7.13		0.04		29.4		6.06		<1.0		
C3A	20250811	Cloudy	12:00	0.44	7.28	7.30	91.5	91.5	7.30	7.22	0.01	0.01	27.0	26.9	8.70	8.34	1.3	1.2	
C3A	20250811	Cloudy	12:00	0.44	7.31		91.5		7.14		0.01		26.8		7.98		<1.0		
C3A	20250822	Sunny	11:45	0.45	6.62		83.2		7.27		0.02		27.0		4.02		1.8		
C3A	20250822	Sunny	11:45	0.45	6.65	6.64	83.6	83.4	7.49	7.38	0.01	0.02	27.1	27.1	3.69	3.86	2.2	2.0	
C3A	20250828	Cloudy	11:48	0.40	6.67	6.69	81.9	82.2	7.76	7.69	0.02	0.02	25.8	25.8	3.76	3.66	2.5	2.0	
C3A	20250828	Cloudy	11:48	0.40	6.71		82.4		7.62		0.01		25.8		3.56		1.5		

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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	20250808	Cloudy	14:37	0.14	7.23	7.22	96.0	95.9	7.80	7.82	0.06	0.06	30.2	30.2	3.16	3.02	2.2	1.9	
C6	20250808	Cloudy	14:37	0.14	7.21		95.7		7.83		0.06		30.1		2.88		1.6		
C6	20250811	Cloudy	10:30	0.40	6.54	6.57	82.4	82.7	7.24	7.24	0.07	0.07	27.2	27.2	5.53	5.47	1.3	1.2	
C6	20250811	Cloudy	10:30	0.40	6.59		83.0		7.23		0.07		27.2		5.40		<1.0		
C6	20250822	Sunny	11:00	0.12	5.86		74.6		7.42		0.11		27.8		2.97		2.2		
C6	20250822	Sunny	11:00	0.12	5.83	5.85	74.2	74.4	7.38	7.40	0.11	0.11	27.8	27.8	3.02	3.00	1.7	2.0	
C6	20250828	Cloudy	11:00	0.14	6.13	6.11	75.8	75.5	7.55	7.54	0.08	0.08	26.2	26.2	3.49	3.03	2.6	2.4	
C6	20250828	Cloudy	11:00	0.14	6.08		75.2		7.53		0.08		26.2		2.56		2.2		

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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	20250808	Cloudy	15:00	0.10	7.47	7.49	95.1	95.2	7.55	7.53	0.04	0.04	27.7	27.7	5.78	5.89	1.1	1.1	
C7A	20250808	Cloudy	15:00	0.10	7.50		95.3		7.50		0.04		27.7		6.00		<1.0		
C7A	20250811	Cloudy	10:47	0.20	4.89	4.89	62.6	62.6	7.25	7.25	0.10	0.10	28.0	28.0	16.99	16.93	4.1	4.6	
C7A	20250811	Cloudy	10:47	0.20	4.89		62.6		7.25		0.10		28.0		16.86		5.0		
C7A	20250822	Sunny	11:11	0.10	6.02	6.02	77.9	77.9	7.51	7.51	0.12	0.12	28.7	28.7	5.64	5.65	2.5	3.3	
C7A	20250822	Sunny	11:11	0.10	6.02		77.9		7.51		0.12		28.7		5.65		4.1		
C7A	20250828	Cloudy	11:16	0.12	5.04	4.97	64.0	63.1	7.31	7.31	0.11	0.11	27.5	27.5	3.72	3.99	3.1	2.7	
C7A	20250828	Cloudy	11:16	0.12	4.90		62.1		7.31		0.11		27.5		4.25		2.2		

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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	20250808	Cloudy	15:20	0.22	7.09	7.09	94.6	94.6	7.76	7.77	0.07	0.07	30.4	30.4	4.12	3.99	2.9	2.8	
C8	20250808	Cloudy	15:20	0.22	7.09		94.6		7.77		0.07		30.4		3.86		2.6		
C8	20250811	Cloudy	11:24	0.22	7.40	7.39	93.8	93.8	6.38	6.37	0.09	0.09	27.6	27.6	6.14	5.91	2.5	3.0	
C8	20250811	Cloudy	11:24	0.22	7.38		93.7		6.35		0.09		27.6		5.67		3.5		
C8	20250822	Sunny	11:22	0.12	6.17	6.09	80.4	79.2	7.43	7.38	0.10	0.10	29.1	29.0	8.37	7.93	5.2	4.5	
C8	20250822	Sunny	11:22	0.12	6.00		78.0		7.33		0.10		28.9		7.48		3.7		
C8	20250828	Cloudy	11:22	0.16	6.80	6.12	77.0	72.9	7.49	7.42	0.10	0.10	27.5	27.5	7.73	7.62	4.4	4.5	
C8	20250828	Cloudy	11:22	0.16	5.43		68.7		7.34		0.10		27.5		7.51		4.5		

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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)		Tempertuare (°C)		Turbidity (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C9	20250808	Cloudy	13:41	0.20	7.13	7.12	95.3	95.2	8.00	8.01	0.07	0.07	30.6	30.6	2.98	2.97	1.1	1.3	
C9	20250808	Cloudy	13:41	0.20	7.11		95.0		8.01		0.07		30.6		2.96		1.5		
C9	20250811	Cloudy	9:55	0.40	7.66	7.66	94.4	94.4	7.51	7.48	0.05	0.05	26.0	26.0	7.77	8.09	9.1	7.0	
C9	20250811	Cloudy	9:55	0.40	7.65		94.3		7.44		0.05		26.0		8.40		4.9		
C9	20250822	Fine	10:19	0.20	6.84	6.84	83.7	83.7	7.56	7.52	0.05	0.05	25.6	25.6	2.94	3.05	4.5	4.6	
C9	20250822	Fine	10:19	0.20	6.84		83.7		7.48		0.05		25.6		3.16		4.6		
C9	20250828	Cloudy	10:22	0.18	6.79	6.79	83.1	83.1	7.30	7.31	0.05	0.05	25.6	25.6	2.53	2.68	6.9	6.0	
C9	20250828	Cloudy	10:22	0.18	6.79		83.0		7.31		0.05		25.6		2.82		5.1		

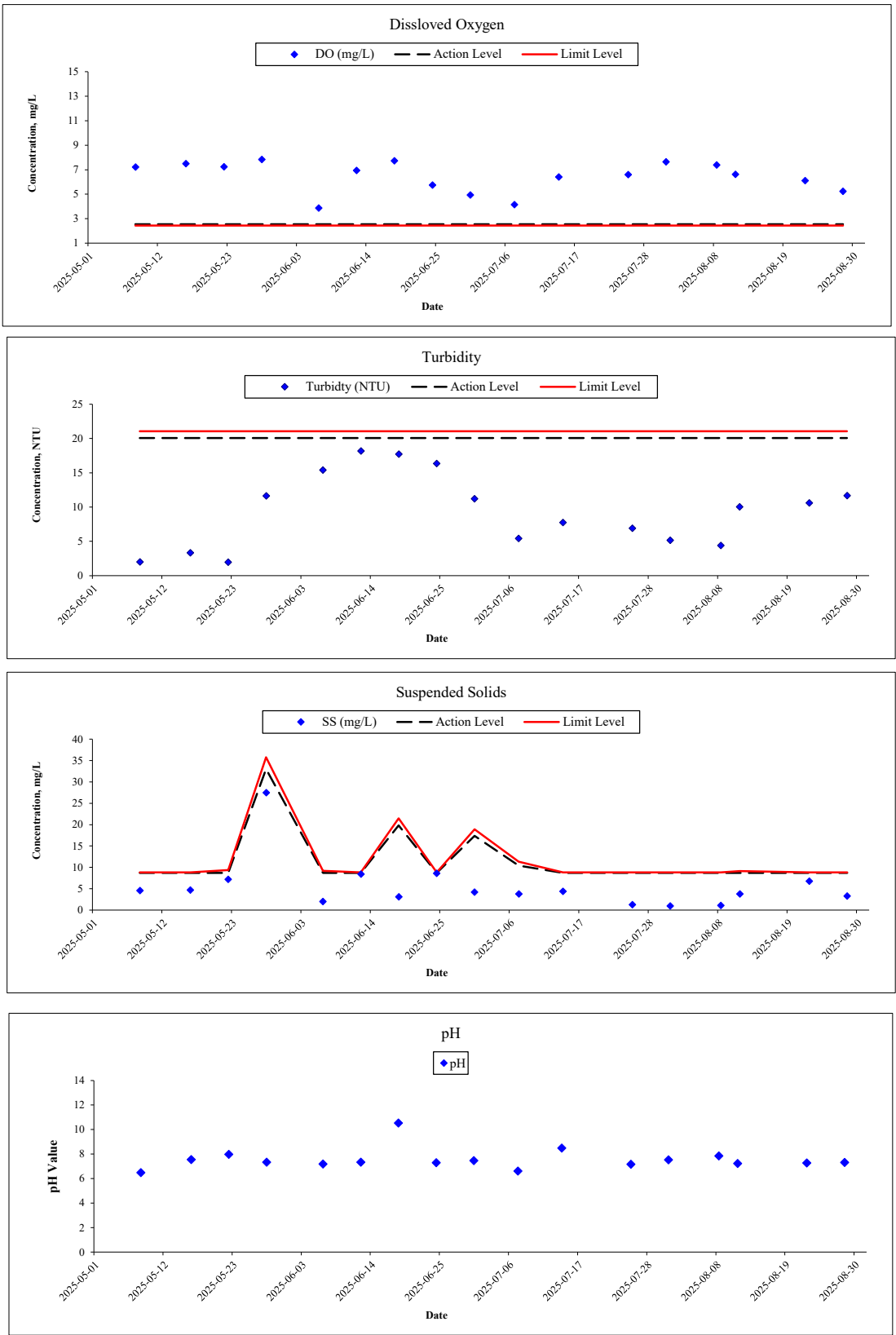
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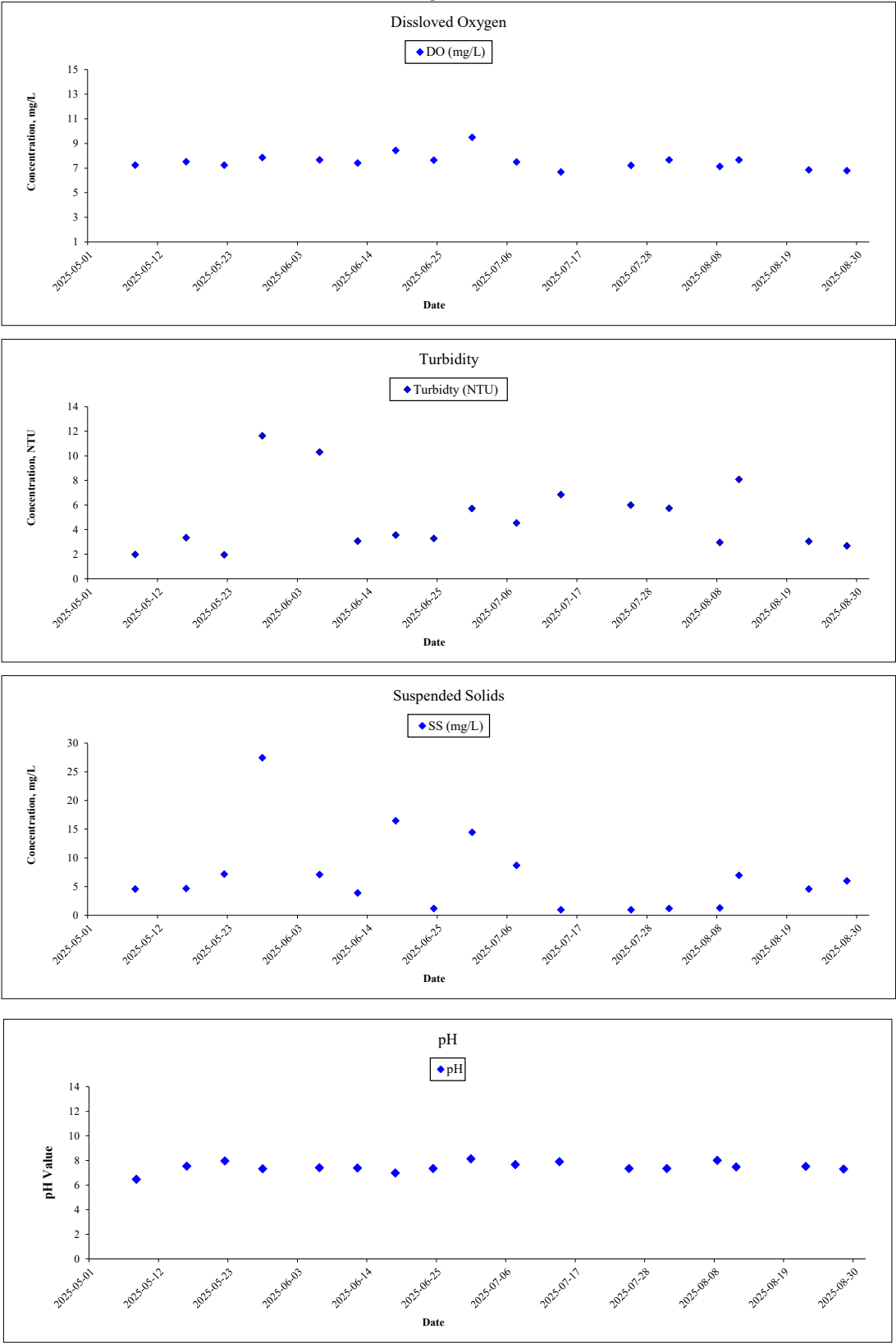
Water Quality Monitoring Location: C10

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	20250808	Cloudy	14:01	0.30	7.38	7.39	94.3	94.5	7.86	7.84	0.04	0.04	28.0	28.1	4.33	4.41	<1.0	1.1	
C10	20250808	Cloudy	14:01	0.30	7.40		94.6		7.82		0.04		28.1		4.48		1.1		
C10	20250811	Cloudy	10:07	0.40	6.77	6.63	84.5	82.7	7.27	7.23	0.05	0.05	26.7	26.7	9.32	10.05	3.6	3.8	
C10	20250811	Cloudy	10:07	0.40	6.48		80.8		7.19		0.05		26.7		10.77		3.9		
C10	20250822	Fine	10:34	0.30	6.19		76.8		7.27		0.05		26.4		10.60		6.6		
C10	20250822	Fine	10:34	0.30	6.05	6.12	75.1	76.0	7.24	7.26	0.06	0.06	26.4	26.4	10.62	10.61	7.0	6.8	
C10	20250828	Cloudy	10:37	0.30	5.35		66.5		7.30		0.07		26.4		12.27		2.4		
C10	20250828	Cloudy	10:37	0.30	5.15	5.25	63.8	65.2	7.29	7.30	0.06	0.07	26.3	26.4	11.04	11.66	4.1	3.3	

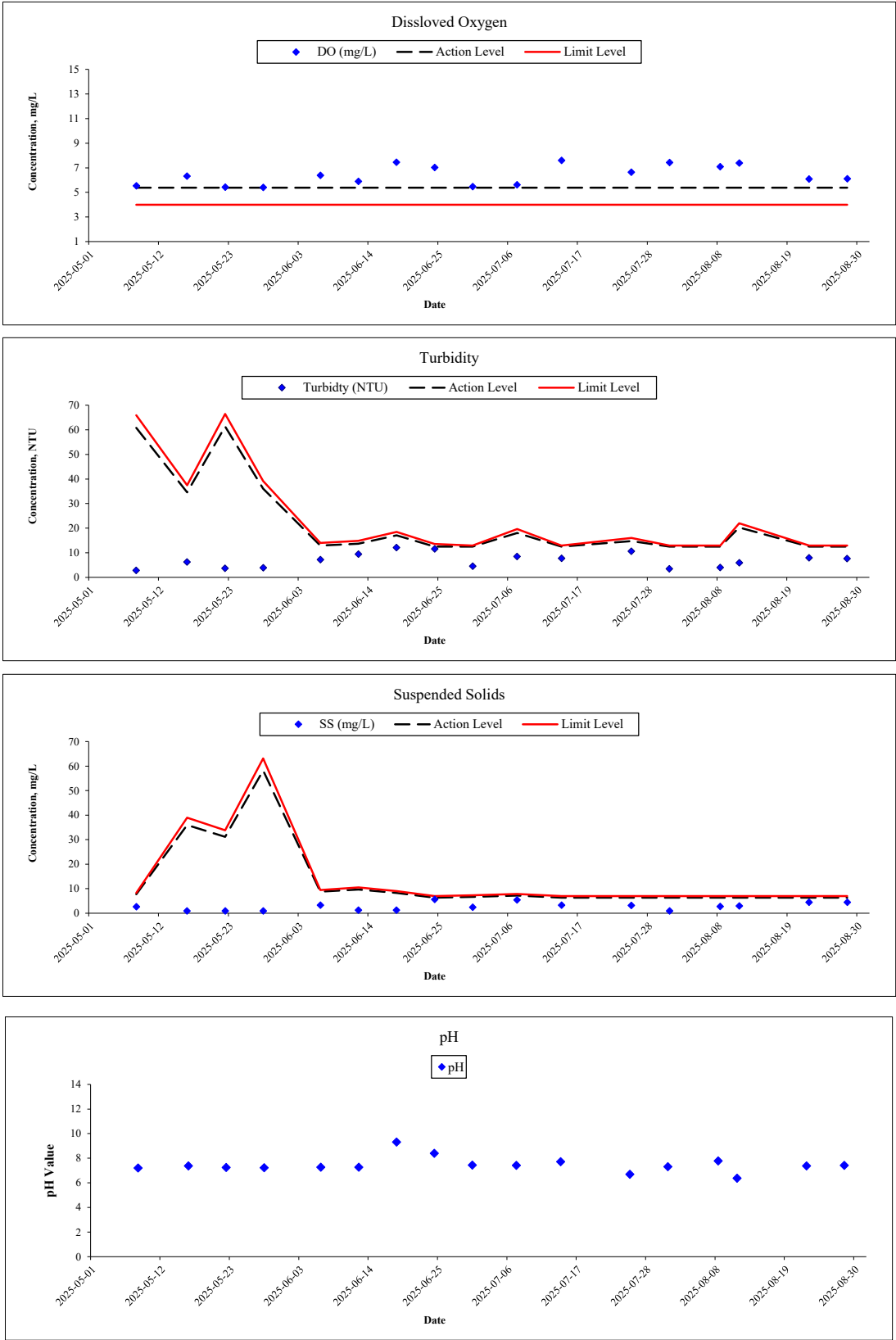
Monitoring Location: C10



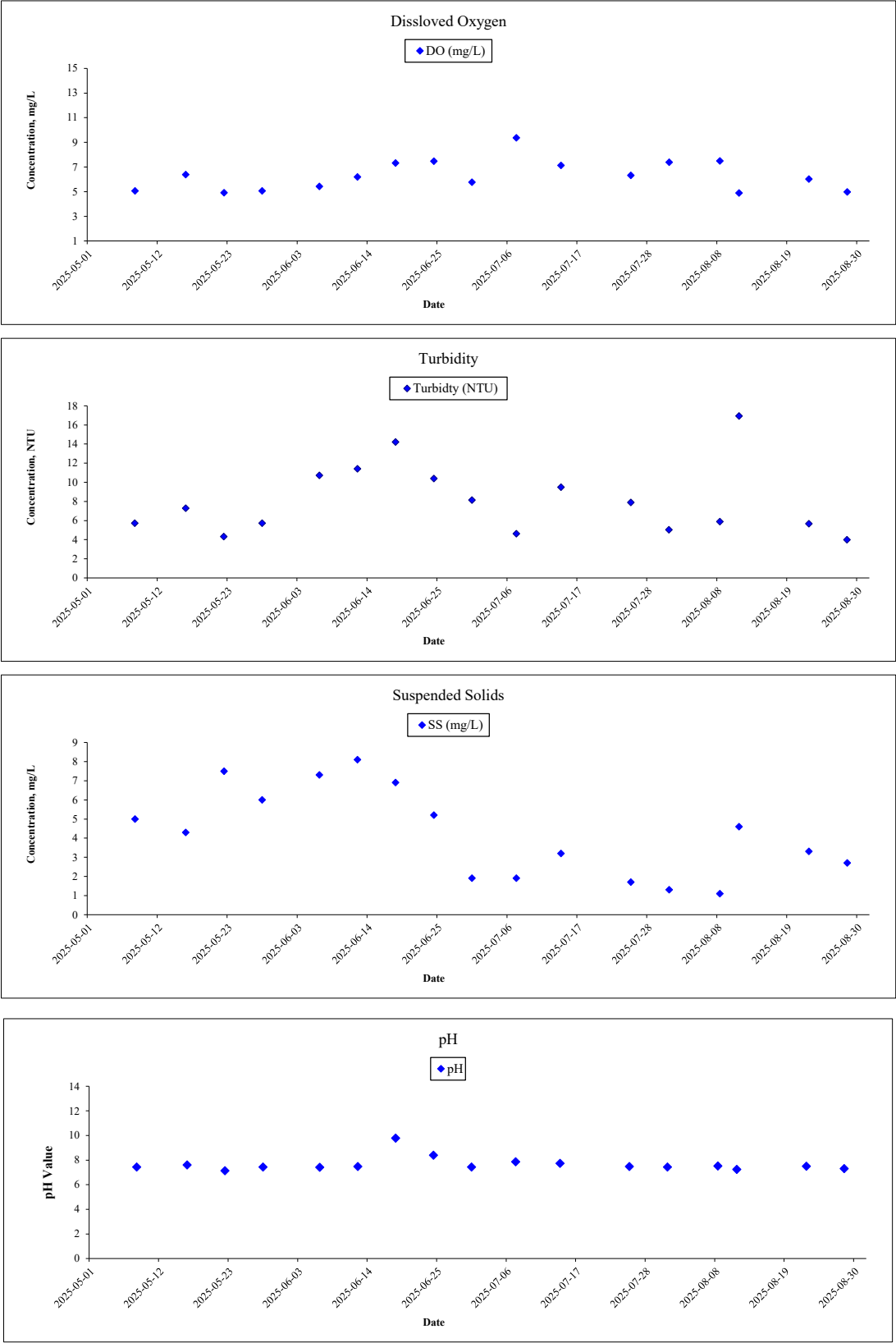
Monitoring Location: C9



Monitoring Location: C8

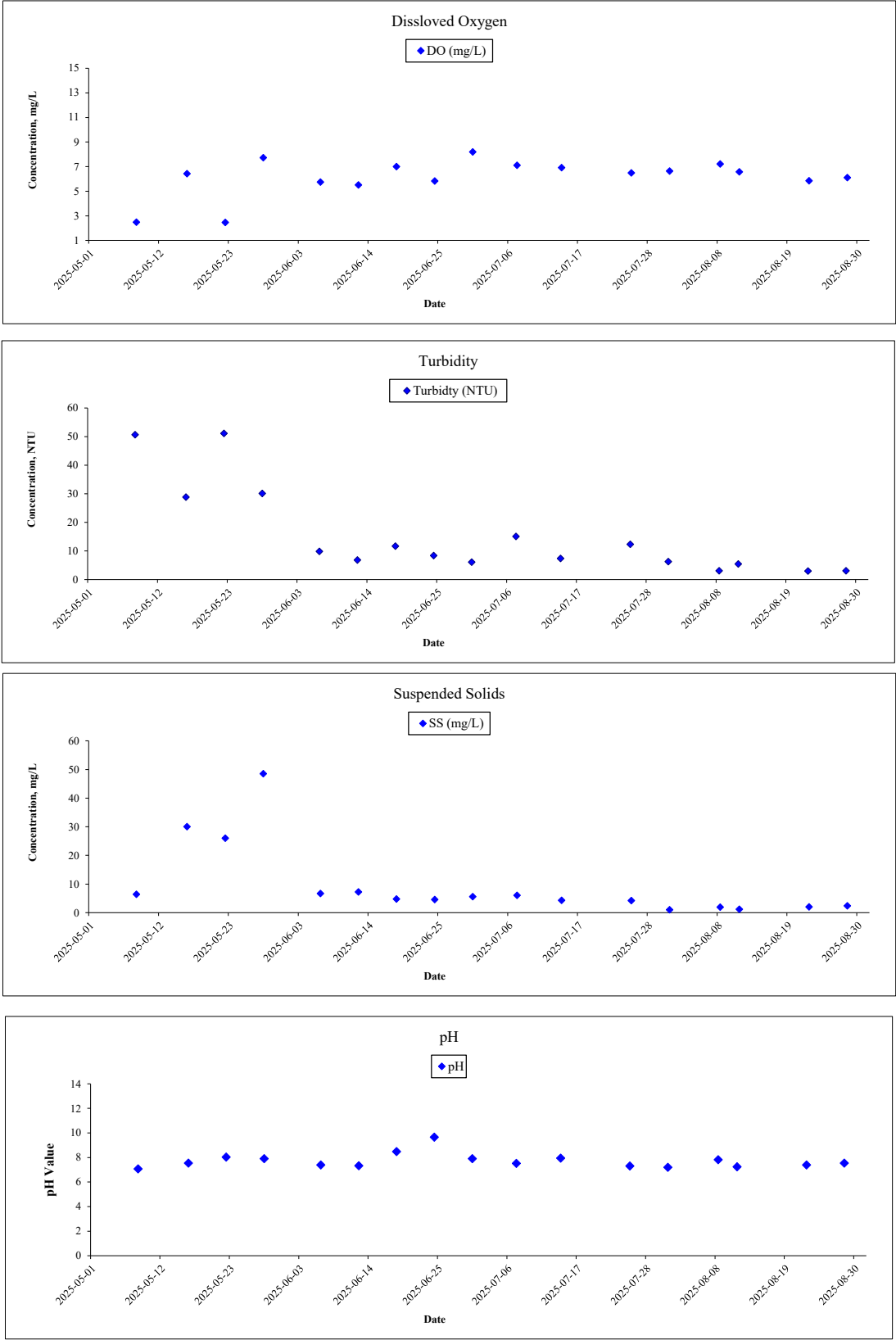


Monitoring Location: C7A

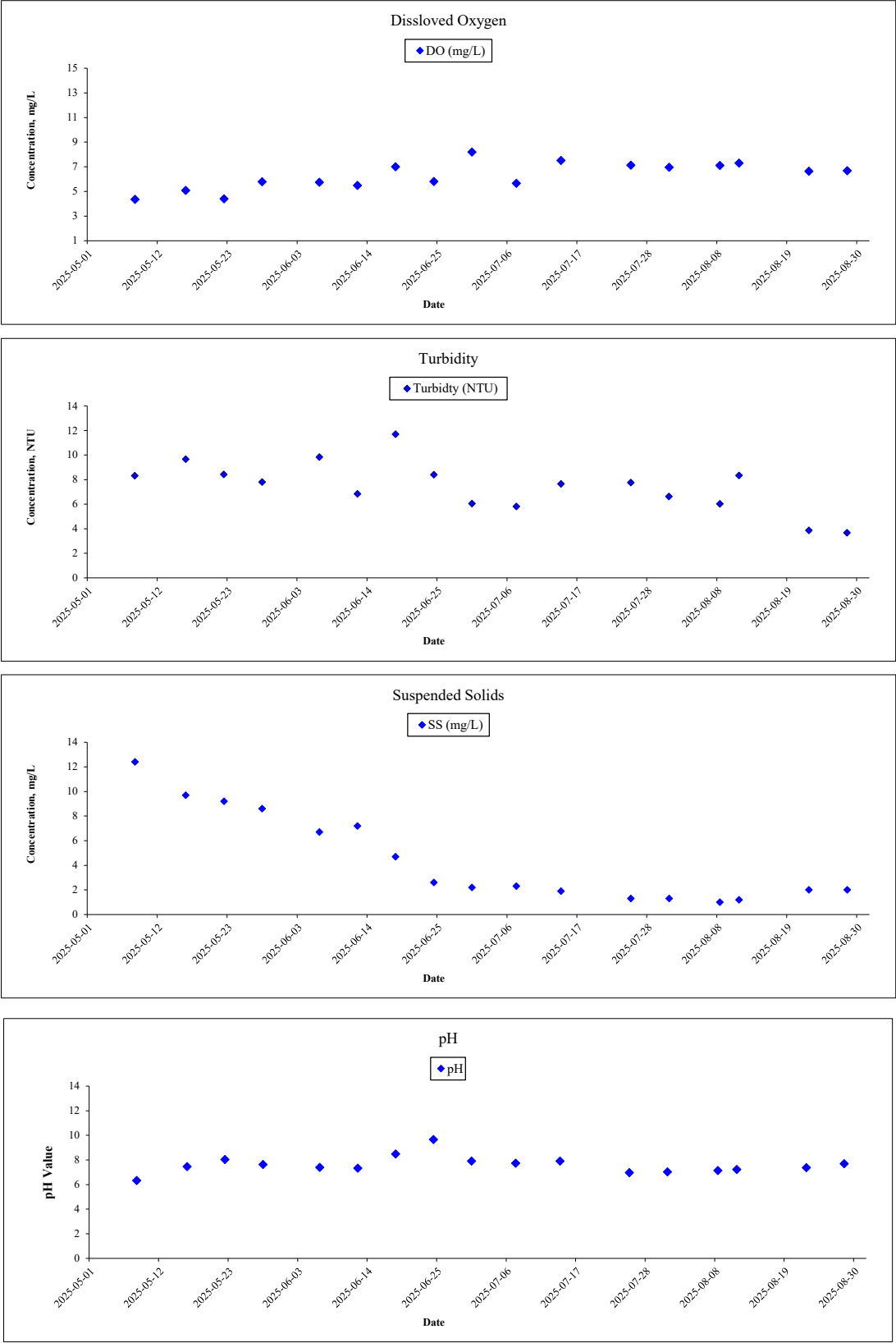




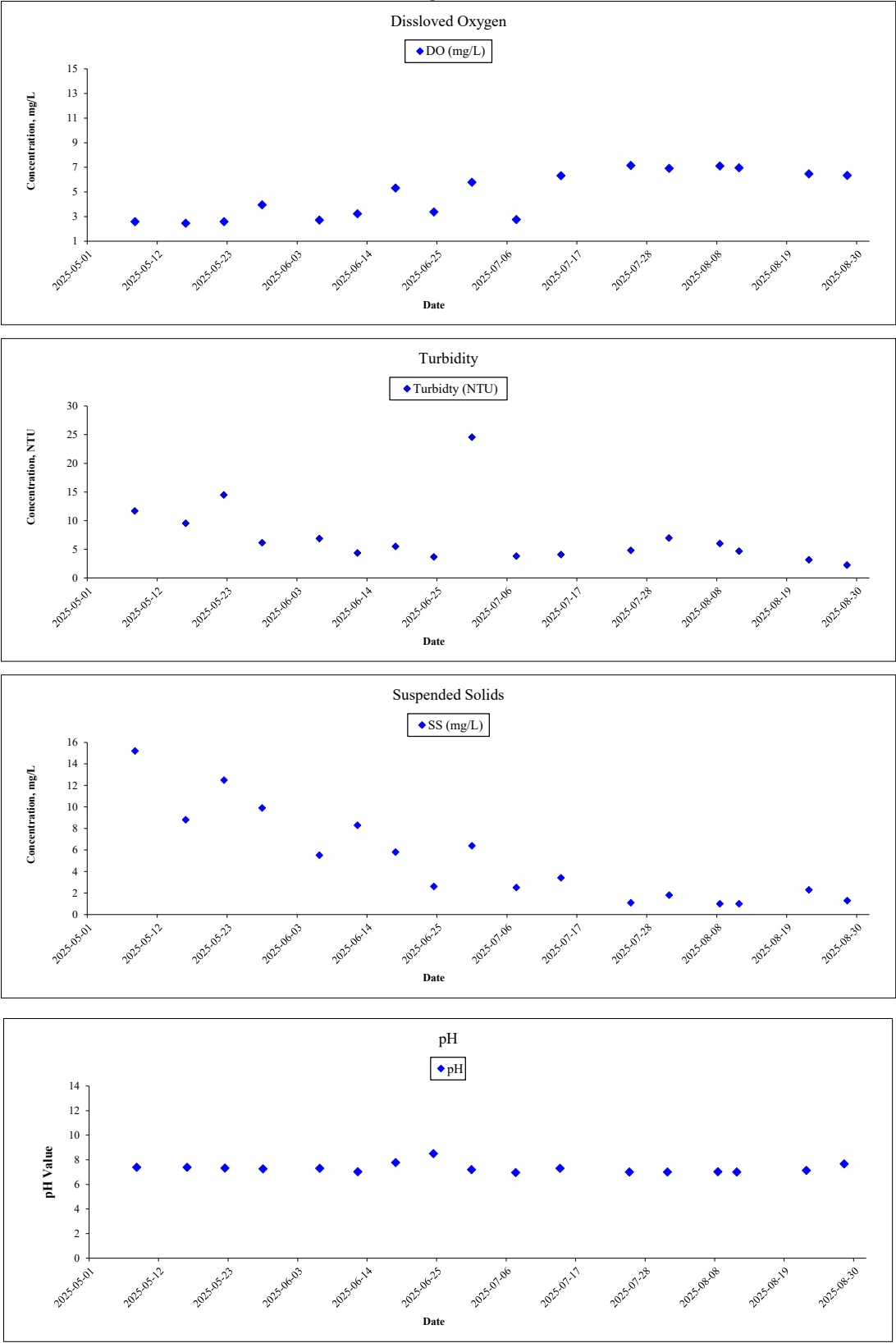
Monitoring Location: C6



Monitoring Location: C3A



Monitoring Location: C2



Monitoring Location: C1A

