

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	20250106	Fine	12:07	0.38	7.32	7.32	74.8	74.8	7.05	7.05	0.14	0.14	17.9	17.9	7.70	7.75	4.1	3.3	
C1A	20250106	Fine	12:07	0.38	7.32		74.8		7.05		0.14		17.9		7.79		2.4		
C1A	20250113	Fine	12:03	0.4	7.31	7.32	74.8	74.8	7.11	7.11	0.16	0.16	16.4	16.4	7.69	7.65	2.9	2.9	
C1A	20250113	Fine	12:03	0.4	7.32		74.8		7.11		0.16		16.4		7.61		2.8		
C1A	20250120	Cloudy	12:13	0.38	6.79	6.79	73.1	73.1	6.95	6.95	0.11	0.11	17.4	17.4	4.28	4.25	<1.0	1.0	
C1A	20250120	Cloudy	12:13	0.38	6.79		73.1		6.95		0.11		17.4		4.21		<1.0		
C1A	20250127	Cloudy	12:19	0.39	6.80	6.81	69.0	69.2	7.17	7.17	0.14	0.14	16.1	16.1	5.85	5.89	<1.0	1.1	
C1A	20250127	Cloudy	12:19	0.39	6.82		69.3		7.17		0.14		16.1		5.93		1.2		

Contract No. DC/2022/02
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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	20250106	Fine	11:58	0.43	4.41	4.41	45.9	45.9	7.01	7.01	0.12	0.12	17.2	17.2	4.19	4.2	5.9	5.2	
C2	20250106	Fine	11:58	0.43	4.41		45.9		7.01		0.12		17.2		4.21		4.5		
C2	20250113	Fine	11:54	0.38	6.13	6.17	61.2	61.5	6.93	6.93	0.11	0.11	15.2	15.2	4.47	4.46	6.7	6.2	
C2	20250113	Fine	11:54	0.38	6.20		61.8		6.92		0.11		15.2		4.44		5.7		
C2	20250120	Cloudy	11:54	0.4	5.91	5.92	60.3	60.4	6.88	6.88	0.10	0.1	16.3	16.3	3.94	3.93	4.3	5.8	
C2	20250120	Cloudy	11:54	0.4	5.92		60.4		6.88		0.10		16.3		3.92		7.2		
C2	20250127	Cloudy	12:11	0.4	6.09	6.09	61.1	61.1	6.97	6.97	0.12	0.12	15.5	15.5	6.05	6.05	5.5	5.5	
C2	20250127	Cloudy	12:11	0.4	6.08		61.0		6.97		0.12		15.5		6.05		5.4		

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: 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	20250106	Fine	11:53	0.51	9.45	9.45	93.1	93.1	7.64	7.64	0.02	0.02	14.7	14.7	2.59	2.59	<1.0	1.3	
C3A	20250106	Fine	11:53	0.51	9.44		93.1		7.64		0.01		14.7		2.59		1.5		
C3A	20250113	Fine	11:53	0.5	9.07	9.08	84.8	84.9	7.5	7.5	0.02	0.02	12.3	12.3	1.68	1.68	2.5	2.2	
C3A	20250113	Fine	11:53	0.5	9.08		84.9		7.49		0.02		12.3		1.67		1.8		
C3A	20250120	Cloudy	11:59	0.49	9.12	9.12	89.3	89.3	7.49	7.49	0.02	0.02	14.4	14.4	1.69	1.71	1.5	1.5	
C3A	20250120	Cloudy	11:59	0.49	9.12		89.3		7.49		0.02		14.4		1.72		1.5		
C3A	20250127	Cloudy	12:03	0.46	8.79	8.81	84.7	84.8	7.52	7.52	0.02	0.02	13.7	13.7	1.81	1.82	1.2	1.4	
C3A	20250127	Cloudy	12:03	0.46	8.82		84.9		7.51		0.02		13.7		1.83		1.6		

Contract No. DC/2022/02
 Drainage Improvement Works at Yuen Long -
 Sung Shan New Village, Tai Wo, Lin Fa Tei and Ha Che
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Water Quality Monitoring Location: C4

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	
C4	20250102	Fine	9:15	0.07	7.65		79.0		6.95		0.06		16.9		23.16		15.0		
C4	20250102	Fine	9:15	0.07	7.65	7.65	79.0	79.0	6.95	6.95	0.06	0.06	16.9	16.9	23.07	23.12	17.0	16.0	
C4	20250104	Fine	10:16	0.14	8.61		86.2		7.51		0.06		15.4		17.46		8.9		
C4	20250104	Fine	10:16	0.14	8.61	8.61	86.2	86.2	7.51	7.51	0.06	0.06	15.4	15.4	17.56	17.51	7.5	8.2	
C4	20250106	Fine	11:22	0.15	8.73		87.8		7.5		0.06		15.6		23.62		16.0		
C4	20250106	Fine	11:22	0.15	8.74	8.74	87.8	87.8	7.49	7.5	0.06	0.06	15.6	15.6	24.00	23.81	25.0	20.5	
C4	20250108	Fine	10:20	0.24	8.68		88.7		6.99		0.05		16.4		11.61		6.5		
C4	20250108	Fine	10:20	0.24	8.68	8.68	88.7	88.7	6.99	6.99	0.05	0.05	16.4	16.4	11.55	11.58	10.4	8.5	
C4	20250110	Fine	11:19	0.06	9.19		88.6		7.17		0.06		13.7		13.54		8.6		
C4	20250110	Fine	11:19	0.06	9.2	9.2	88.6	88.6	7.17	7.17	0.06	0.06	13.7	13.7	13.55	13.55	11.0	9.8	
C4	20250113	Fine	11:22	0.15	9.42		90.4		7.37		0.05		13.5		15.81		12.0		
C4	20250113	Fine	11:22	0.15	9.39	9.41	90.2	90.3	7.36	7.37	0.05	0.05	13.5	13.5	15.37	15.59	9.4	10.7	
C4	20250115	Fine	10:23	0.13	8.76		88.2		7.21		0.06		16.7		21.42		14.0		
C4	20250115	Fine	10:23	0.13	8.74	8.75	87.8	88.0	7.19	7.2	0.06	0.06	16.7	16.7	21.55	21.49	8.0	11.0	
C4	20250117	Fine	10:17	0.1	9.40		89.6		7.41		0.06		13.2		29.23		14.0		
C4	20250117	Fine	10:17	0.1	9.40	9.40	89.6	89.6	7.41	7.41	0.06	0.06	13.2	13.2	29.57	29.4	23.0	18.5	
C4	20250120	Cloudy	11:22	0.09	9.00		90.9		7.57		0.05		15.9		14.28		9.7		
C4	20250120	Cloudy	11:22	0.09	8.99	9.00	90.9	90.9	7.55	7.56	0.05	0.05	15.9	15.9	14.34	14.31	6.5	8.1	
C4	20250122	Cloudy	10:16	0.1	8.79		90.2		6.89		0.05		16.6		14.02		9.7		
C4	20250122	Cloudy	10:16	0.1	8.79	8.79	90.2	90.2	6.89	6.89	0.05	0.05	16.6	16.6	13.95	13.99	17.0	13.4	
C4	20250124	Fine	10:16	0.08	8.68		91.8		7.27		0.06		18		51.29		19.0		
C4	20250124	Fine	10:16	0.08	8.66	8.67	91.6	91.7	7.26	7.27	0.06	0.06	18	18.0	51.35	51.32	29.0	24.0	
C4	20250127	Cloudy	11:24	0.16	9.43		90.0		7.27		0.05		13.5		22.93		19.0		
C4	20250127	Cloudy	11:24	0.16	9.43	9.43	90.0	90.0	7.27	7.27	0.05	0.05	13.5	13.5	23.00	22.97	11.0	15.0	

Water Quality Monitoring Location: C5

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	
C5	20250102	Fine	9:14	0.06	8.88		88.9		7.31		0.06		16.78		3.28		<1.0		
C5	20250102	Fine	9:14	0.06	8.88	8.88	88.9	88.9	7.31	7.31	0.06	0.06	16.78	16.8	3.28	3.28	<1.0	1.0	
C5	20250104	Fine	10:17	0.08	9.13		89.0		7.24		0.06		14.2		4.29		1.4		
C5	20250104	Fine	10:17	0.08	9.09	9.11	88.6	88.8	7.23	7.24	0.06	0.06	14.2	14.2	4.32	4.31	1.2	1.3	
C5	20250106	Fine	11:25	0.05	8.85		87.3		7.34		0.07		14.7		3.29		<1.0		
C5	20250106	Fine	11:25	0.05	8.84	8.85	87.2	87.3	7.34	7.34	0.07	0.07	14.7	14.7	3.28	3.29	<1.0	1.0	
C5	20250108	Fine	10:17	0.05	9.13		89.0		7.24		0.06		14.2		4.29		1.4		
C5	20250108	Fine	10:17	0.05	9.13	9.13	88.6	88.8	7.23	7.24	0.06	0.06	14.2	14.2	4.32	4.31	1.2	1.3	
C5	20250110	Fine	11:18	0.03	9.13		87.6		7.22		0.07		13.5		2.91		1.9		
C5	20250110	Fine	11:18	0.03	9.13	9.13	87.6	87.6	7.22	7.22	0.07	0.07	13.5	13.5	2.90	2.91	1.4	1.7	
C5	20250113	Fine	11:20	0.14	9.69		89.9		7.17		0.07		12.0		3.25		<1.0		
C5	20250113	Fine	11:20	0.14	9.69	9.69	89.9	89.9	7.17	7.17	0.07	0.07	12.0	12.0	3.24	3.25	<1.0	1.0	
C5	20250115	Fine	10:24	0.04	8.63		86.2		7.08		0.07		15.3		4.01		<1.0		
C5	20250115	Fine	10:24	0.04	8.56	8.6	85.5	85.9	7.07	7.08	0.07	0.07	15.3	15.3	3.98	4	<1.0	1.0	
C5	20250117	Fine	10:19	0.05	9.53		88.6		6.87		0.08		12.1		3.06		1.2		
C5	20250117	Fine	10:19	0.05	9.52	9.53	88.5	88.6	6.87	6.87	0.08	0.08	12.1	12.1	3.05	3.06	1.1	1.2	
C5	20250120	Cloudy	11:30	0.04	9.58		92.3		7.45		0.07		13.7		4.10		<1.0		
C5	20250120	Cloudy	11:30	0.04	9.57	9.58	92.3	92.3	7.45	7.45	0.07	0.07	13.7	13.7	4.10	4.1	<1.0	1.0	
C5	20250122	Cloudy	10:14	0.05	8.64		86.3		7.42		0.07		15.3		3.67		<1.0		
C5	20250122	Cloudy	10:14	0.05	8.64	8.64	86.3	86.3	7.42	7.42	0.07	0.07	15.3	15.3	3.68	3.68	1.1	1.1	
C5	20250124	Fine	10:32	0.06	8.56		89.0		7.14		0.08		17.2		5.24		1.7		
C5	20250124	Fine	10:32	0.06	8.52	8.54	88.6	88.8	7.14	7.14	0.08	0.08	17.2	17.2	5.29	5.27	1.6	1.7	
C5	20250127	Cloudy	11:32	0.08	9.58		91.3		7.19		0.07		13.2		4.30		1.9		
C5	20250127	Cloudy	11:32	0.08	9.56	9.57	91.1	91.2	7.19	7.19	0.07	0.07	13.2	13.2	4.29	4.3	1.5	1.7	

Contract No. DC/2022/02
Drainage Improvement Works at Yuen Long -
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Water Quality Monitoring Result



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	20250106	Fine	10:38	0.24	5.73	5.73	59.0	59.0	6.99	6.99	0.14	0.14	16.7	16.7	9.87	9.87	3.1	3.0	
C6	20250106	Fine	10:38	0.24	5.73		59.0		6.99		0.14		16.7		9.86		2.9		
C6	20250113	Fine	10:38	0.24	8.51	8.54	82.4	82.7	7.31	7.31	0.08	0.08	13.9	13.9	7.98	8.00	2.1	2.6	
C6	20250113	Fine	10:38	0.24	8.57		83.0		7.31		0.08		13.9		8.01		3.1		
C6	20250120	Cloudy	10:48	0.25	8.61	8.61	85.5	85.5	7.06	7.06	0.11	0.11	15.0	15.0	3.54	3.55	3.0	2.9	
C6	20250120	Cloudy	10:48	0.25	8.60		85.5		7.06		0.11		15.0		3.55		2.8		
C6	20250127	Cloudy	10:48	0.24	8.90	8.91	85.3	85.4	7.4	7.4	0.07	0.07	13.4	13.4	2.91	2.95	2.4	2.9	
C6	20250127	Cloudy	10:48	0.24	8.91		85.4		7.4		0.07		13.4		2.99		3.4		

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: 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	20250106	Fine	10:55	0.06	8.63	8.63	87.1	87.1	7.19	7.19	0.11	0.11	15.8	15.8	7.31	7.37	4.0	4.0	
C7A	20250106	Fine	10:55	0.06	8.63		87.1		7.19		0.11		15.8		7.42		3.9		
C7A	20250113	Fine	10:48	0.1	7.21	7.22	71.0	71.1	7.12	7.12	0.15	0.15	14.7	14.7	32.78	32.84	9.3	9.7	
C7A	20250113	Fine	10:48	0.1	7.22		71.1		7.12		0.15		14.7		32.89		10.0		
C7A	20250120	Cloudy	11:05	0.06	6.66	6.65	67.9	67.8	6.9	6.9	0.14	0.14	16.3	16.3	10.08	10.09	7.1	8.1	
C7A	20250120	Cloudy	11:05	0.06	6.64		67.7		6.9		0.14		16.3		10.09		9.0		
C7A	20250127	Cloudy	11:03	0.07	7.19	7.19	71.4	71.4	7.17	7.17	0.15	0.15	15	15.0	3.98	3.99	3.1	3.8	
C7A	20250127	Cloudy	11:03	0.07	7.19		71.4		7.17		0.15		15		3.99		4.5		

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: 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	20250106	Fine	11:02	0.08	5.49	5.49	57.7	57.6	7.27	7.27	0.16	0.16	17.7	17.7	6.15	6.17	1.6	1.4	
C8	20250106	Fine	11:02	0.08	5.48		57.5		7.27		0.16		17.7		6.18		1.1		
C8	20250113	Fine	11:00	0.08	6.84	6.85	69.6	69.7	7.28	7.29	0.12	0.12	16.2	16.2	3.89	3.87	<1.0	1.0	
C8	20250113	Fine	11:00	0.08	6.85		69.7		7.29		0.12		16.2		3.85		<1.0		
C8	20250120	Cloudy	11:10	0.08	6.27	6.25	65.6	65.4	7.37	7.37	0.12	0.12	17.5	17.5	5.89	5.90	1.1	1.6	
C8	20250120	Cloudy	11:10	0.08	6.23		65.2		7.37		0.12		17.5		5.91		2.0		
C8	20250127	Cloudy	11:10	0.08	6.30	6.29	64.0	63.9	7.28	7.28	0.12	0.12	16.1	16.1	3.31	3.29	1.8	1.5	
C8	20250127	Cloudy	11:10	0.08	6.27		63.7		7.27		0.12		16		3.27		1.1		

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: 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	20250106	Fine	10:04	0.25	9.36	9.36	94.1	94.1	7.63	7.63	0.06	0.06	15.6	15.6	0.95	0.96	6.4	5.3	
C9	20250106	Fine	10:04	0.25	9.36		94.1		7.63		0.06		15.6		0.97		4.2		
C9	20250113	Fine	10:00	0.24	9.85	9.85	95.1	95.1	7.59	7.59	0.07	0.07	13.8	13.8	0.58	0.60	4.0	4.5	
C9	20250113	Fine	10:00	0.24	9.85		95.1		7.59		0.07		13.7		0.61		5.0		
C9	20250120	Cloudy	10:12	0.2	9.44	9.44	93.7	93.7	7.61	7.61	0.07	0.07	15	15.0	9.87	9.84	4.5	5.8	
C9	20250120	Cloudy	10:12	0.2	9.44		93.7		7.61		0.07		15		9.81		7.0		
C9	20250127	Cloudy	10:12	0.21	8.96	8.96	91.4	91.4	8.03	8.49	0.06	0.06	16.3	16.3	15.53	15.52	6.4	6.5	
C9	20250127	Cloudy	10:12	0.21	8.95		91.3		8.95		0.06		16.3		15.51		6.6		

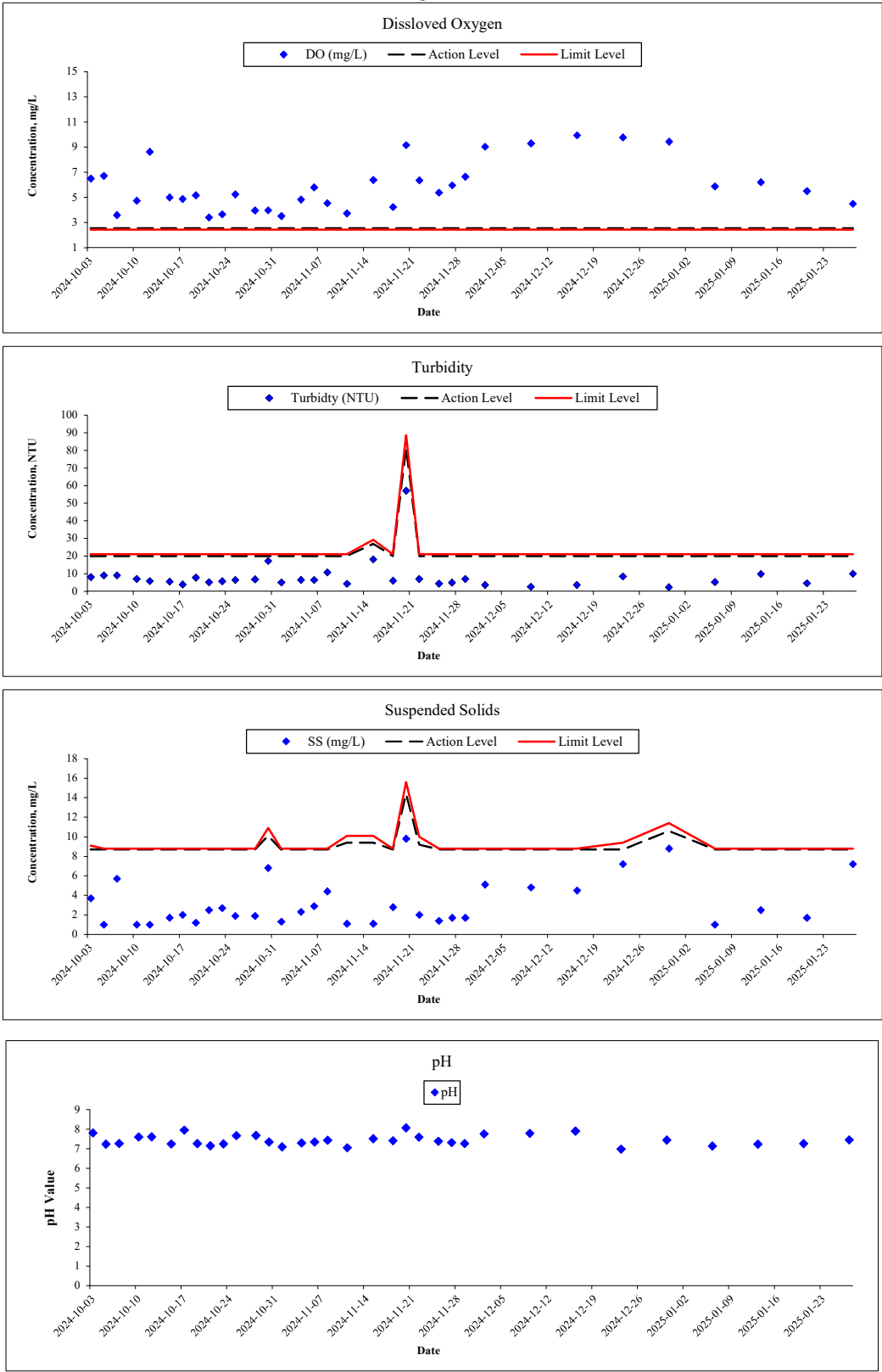
Contract No. DC/2022/02
Drainage Improvement Works at Yuen Long -
Sung Shan New Village, Tai Wo, Lin Fa Tei and Ha Che
Water Quality Monitoring Result



Water Quality Monitoring Location: C10

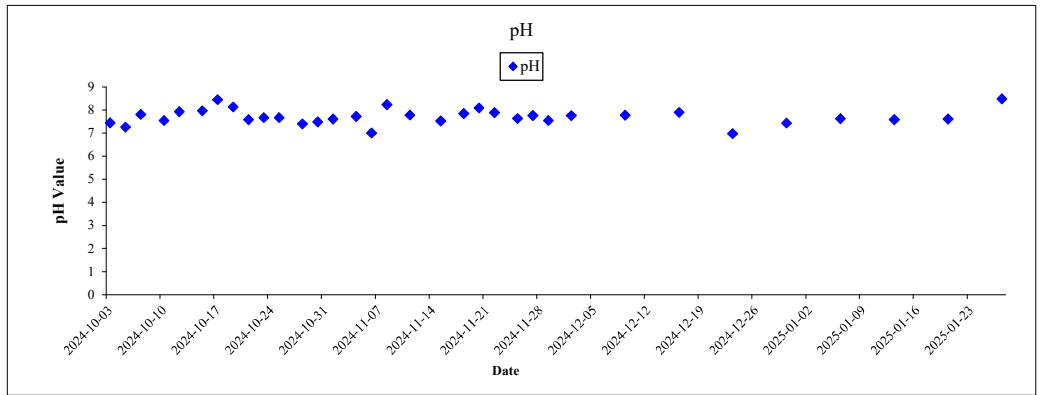
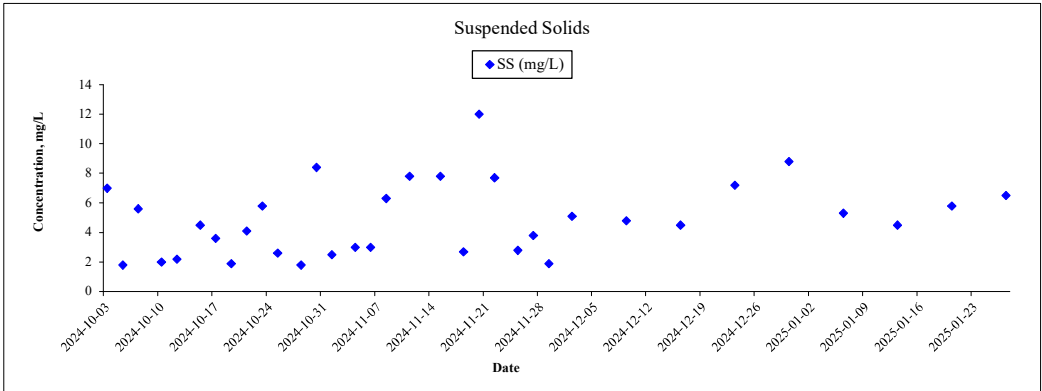
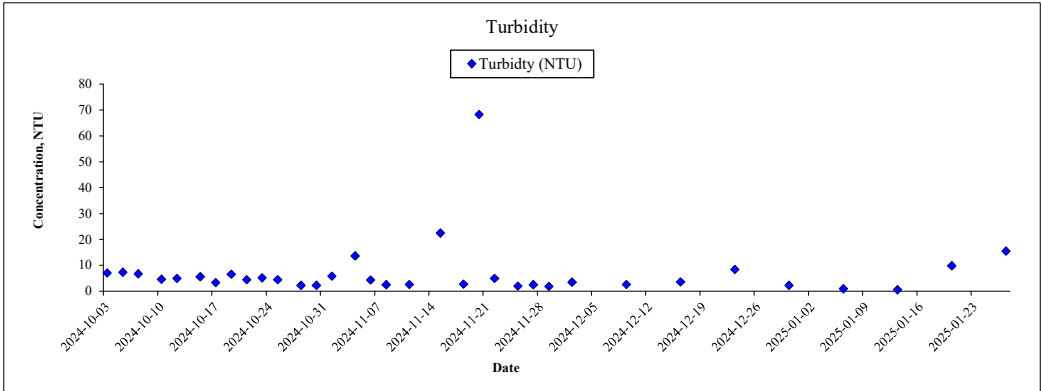
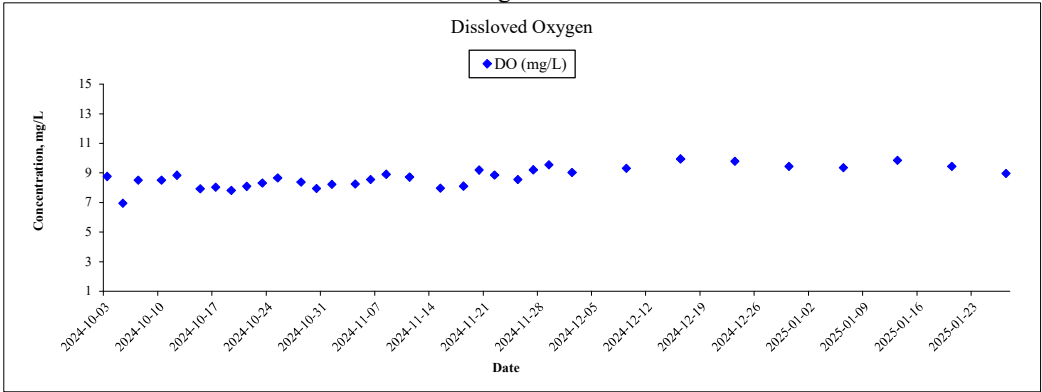
Location	Date	Weather	Time	Water Depth (m)	Dissolved Oxygen (mg/L)		Dissolved Oxygen Saturation (%)		pH		Salinity (ppt)		Tempertuare (°C)		Turbidity (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C10	20250106	Fine	10:18	0.27	5.89	5.89	60.3	60.3	7.14	7.14	0.11	0.11	16.5	16.5	5.20	5.21	<1.0	1.0	
C10	20250106	Fine	10:18	0.27	5.88		60.2		7.14		0.11		16.5		5.22		<1.0		
C10	20250113	Fine	10:13	0.18	6.19	6.21	61.3	61.4	7.23	7.23	0.13	0.13	14.9	14.9	9.80	9.75	2.4	2.5	
C10	20250113	Fine	10:13	0.18	6.22		61.5		7.23		0.13		14.9		9.70		2.6		
C10	20250120	Cloudy	10:22	0.17	5.51	5.50	55.6	55.5	7.27	7.26	0.12	0.12	15.9	15.9	4.57	4.51	1.8	1.7	
C10	20250120	Cloudy	10:22	0.17	5.48		55.4		7.25		0.12		15.8		4.45		1.6		
C10	20250127	Cloudy	10:20	0.18	4.53	4.49	46.5	46.0	7.47	7.45	0.12	0.12	16.5	16.5	10.00	10.01	8.1	7.2	
C10	20250127	Cloudy	10:20	0.18	4.44		45.5		7.43		0.12		16.5		10.02		6.3		

Monitoring Location: C10

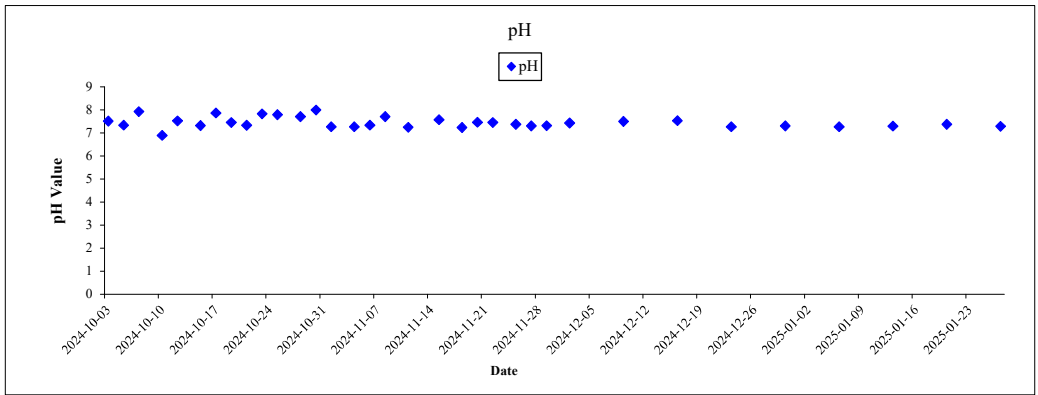
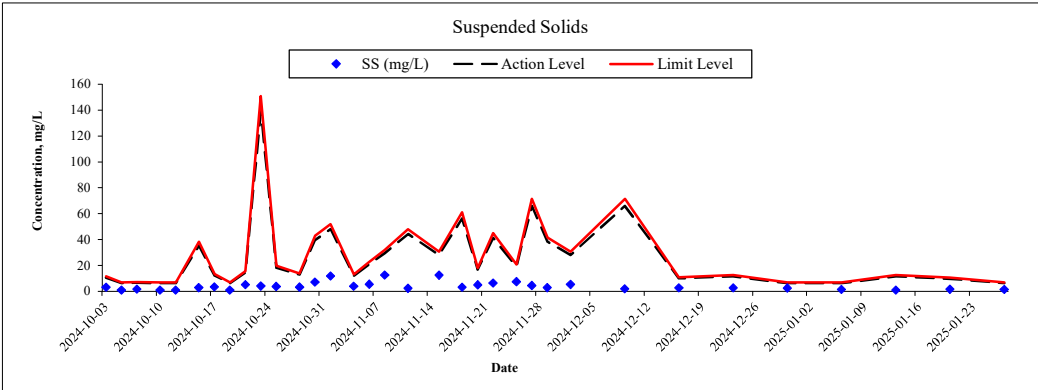
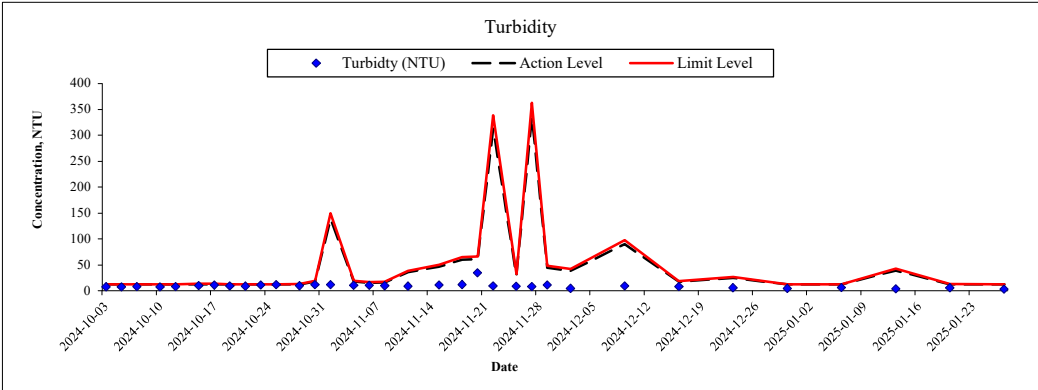
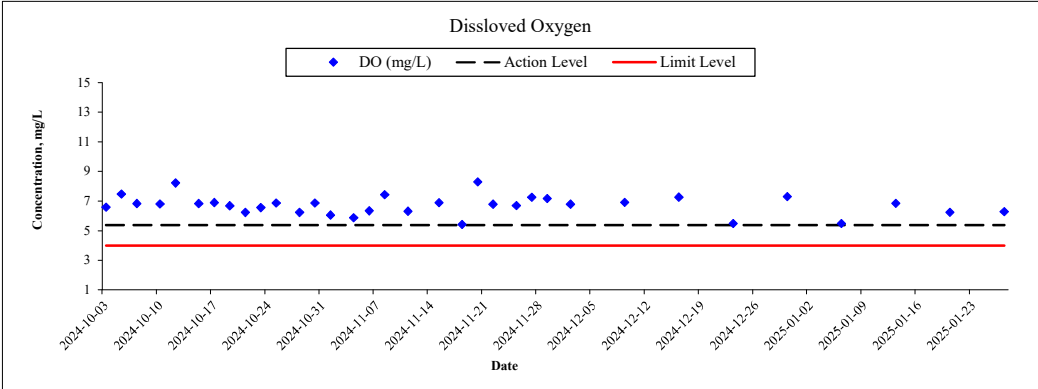




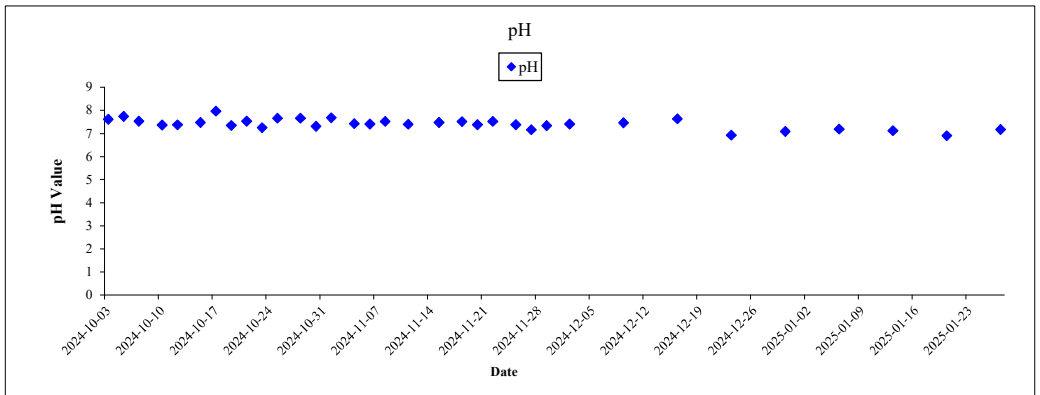
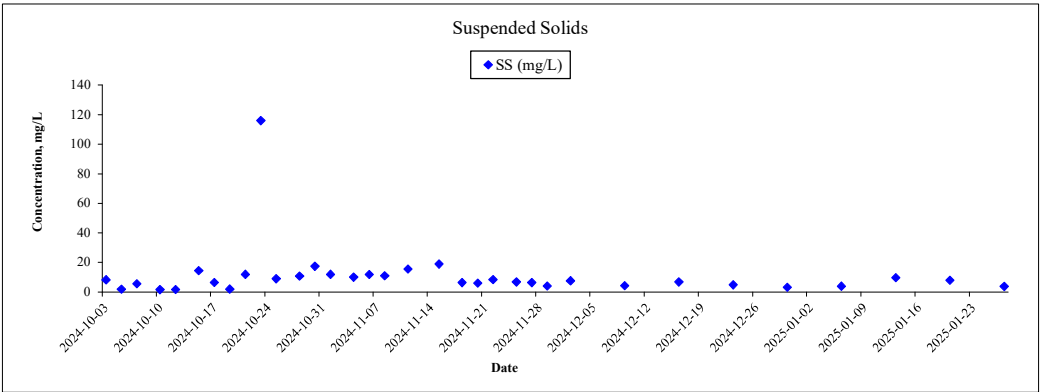
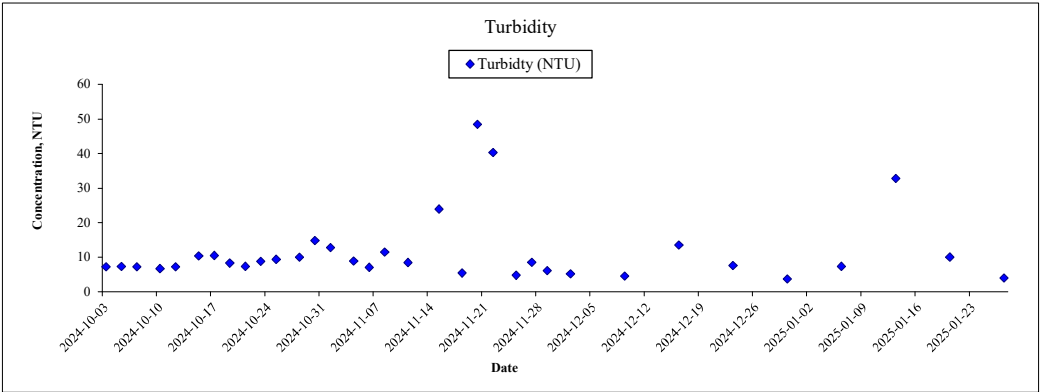
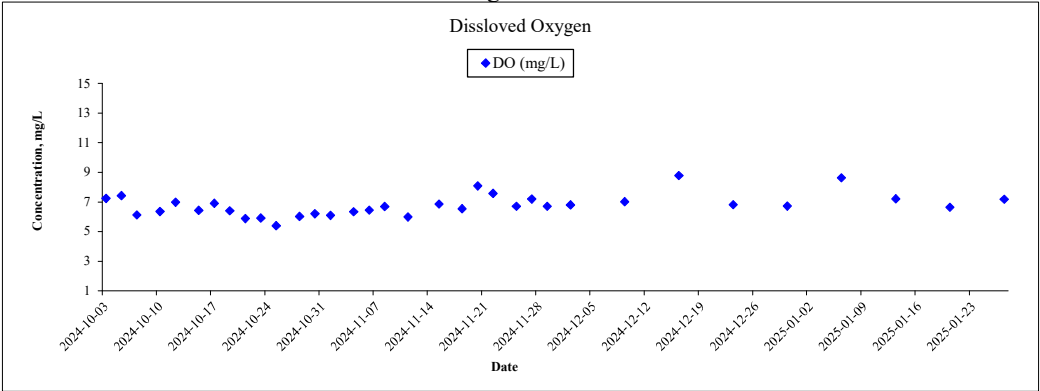
Monitoring Location: C9



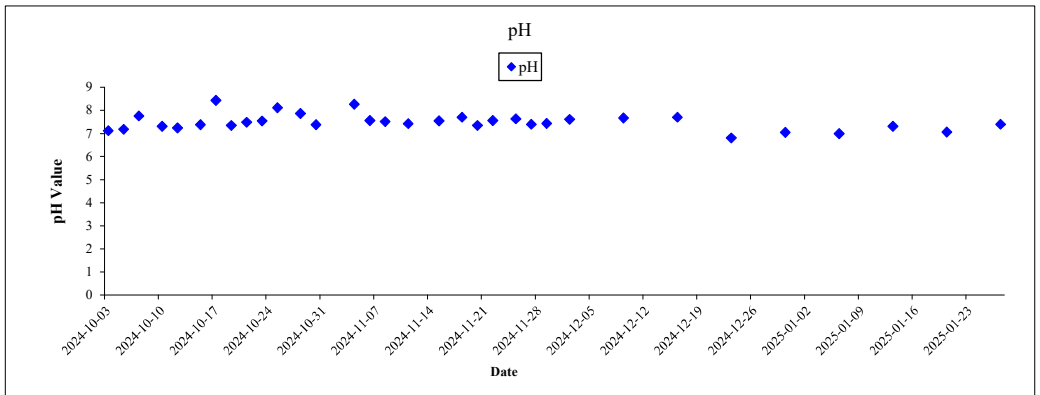
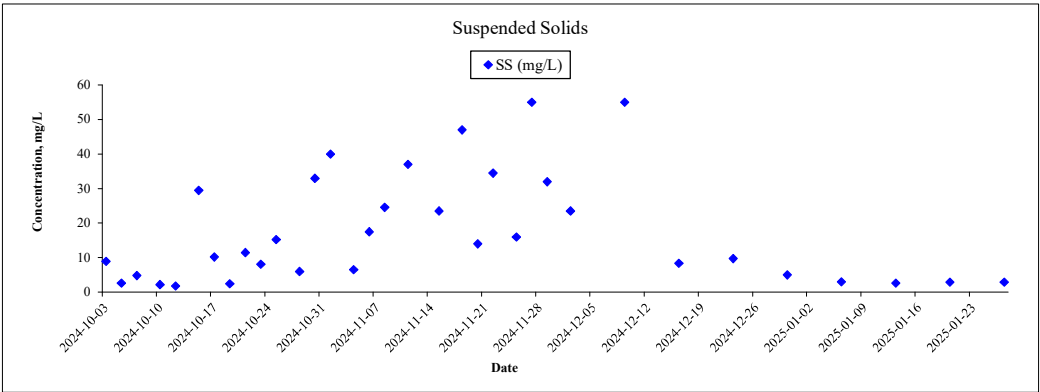
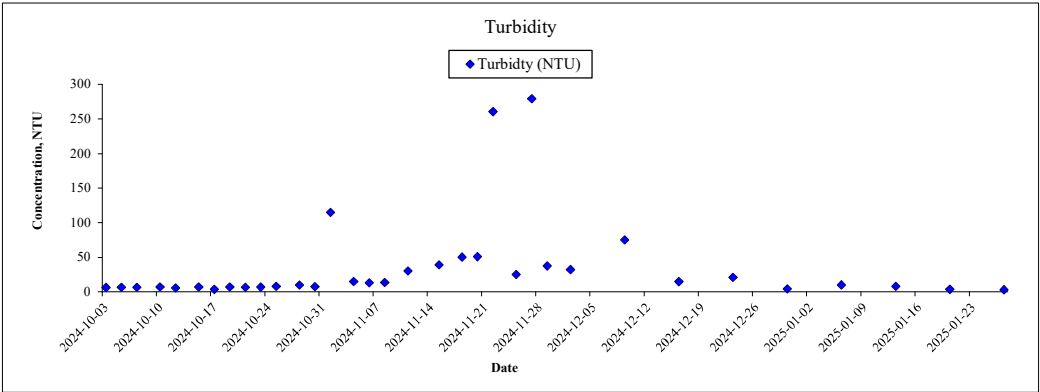
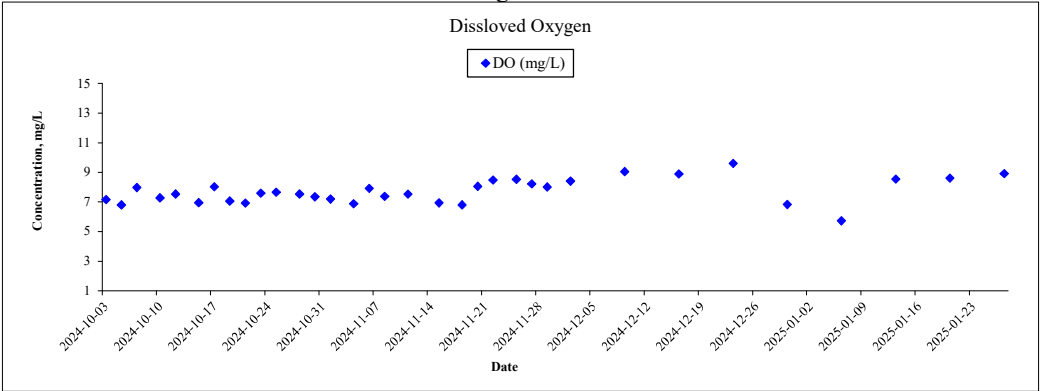
Monitoring Location: C8



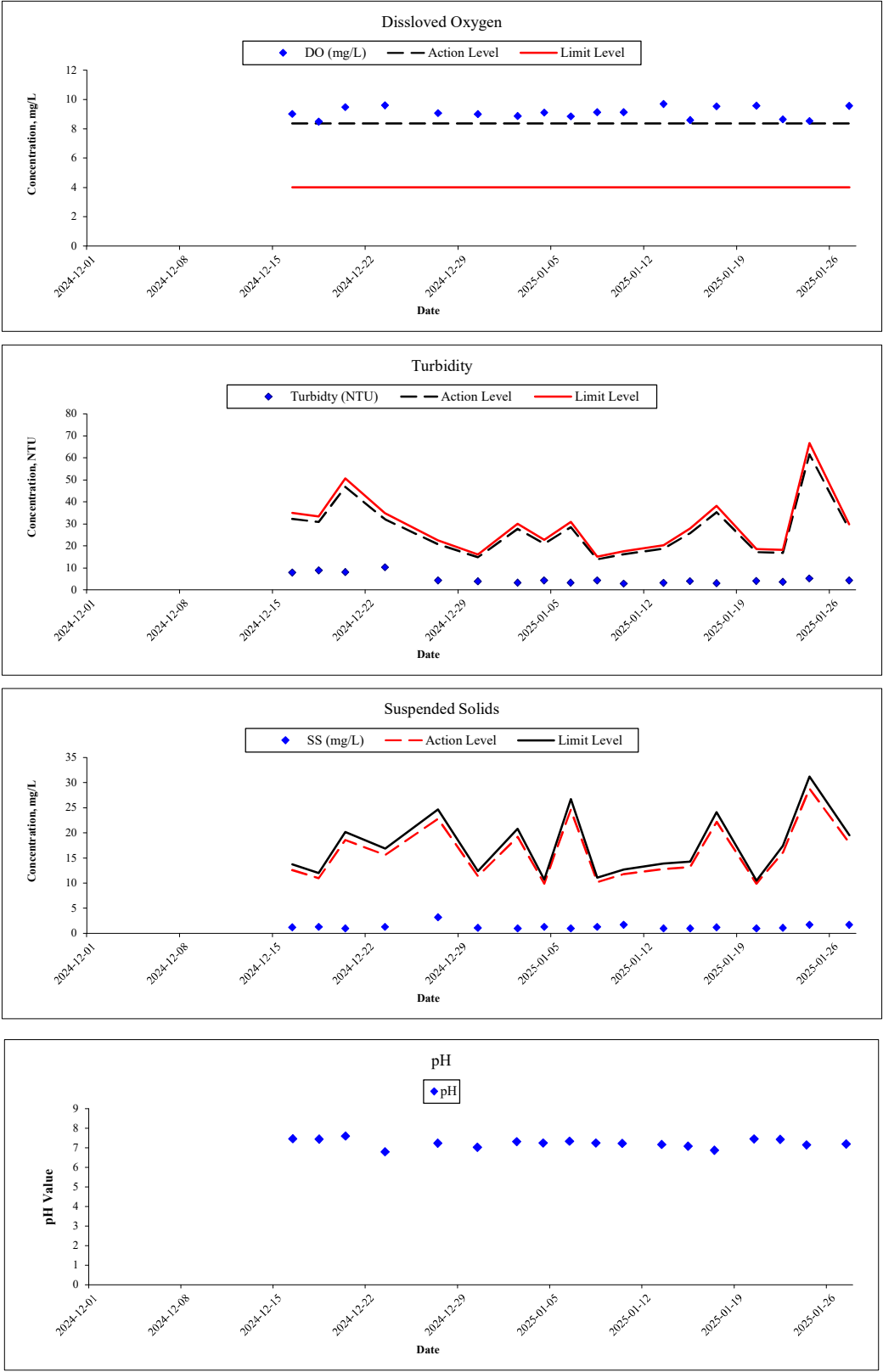
Monitoring Location: C7A



Monitoring Location: C6

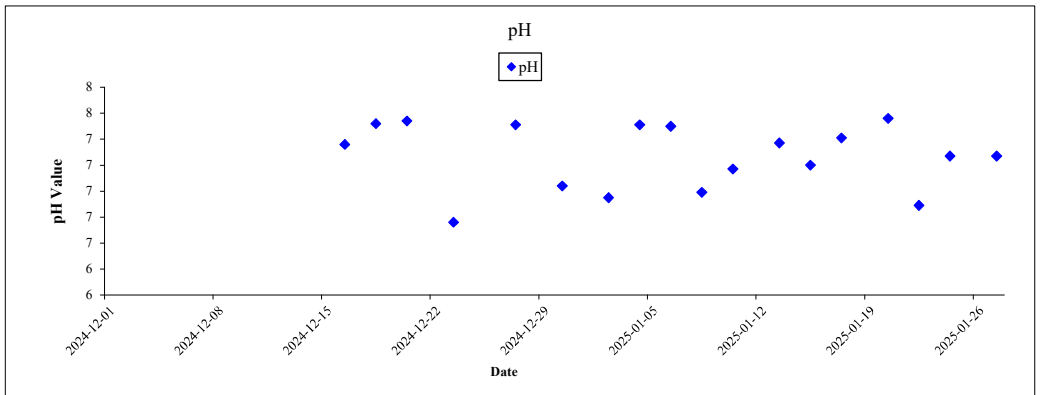
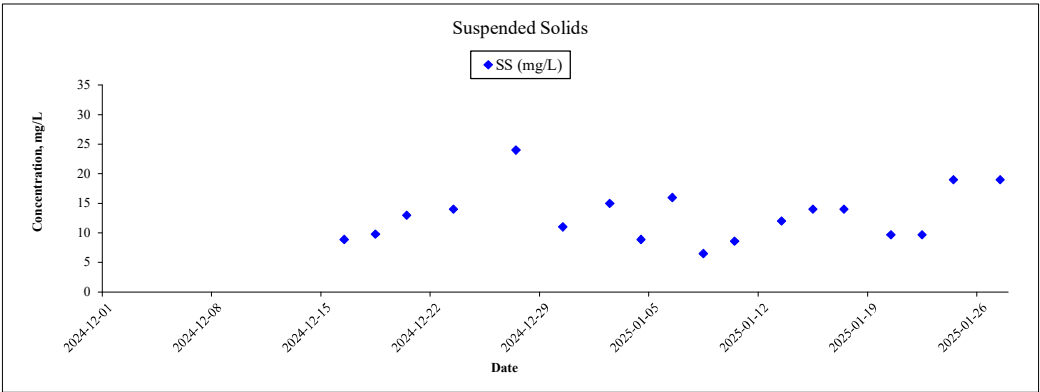
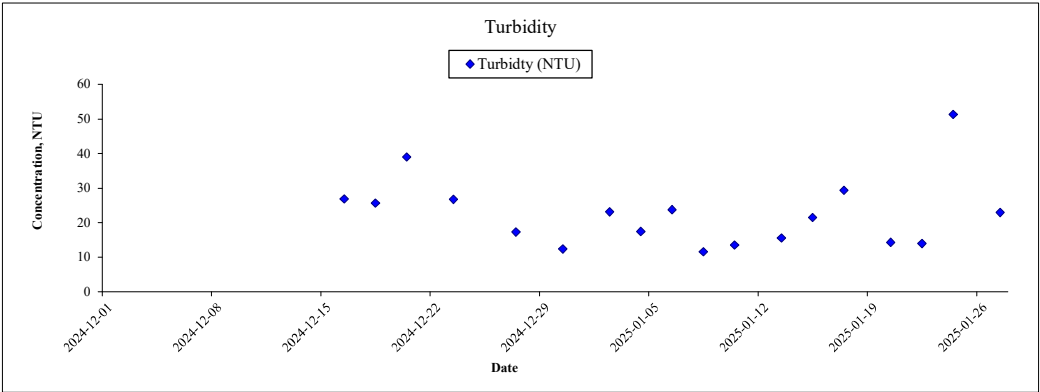
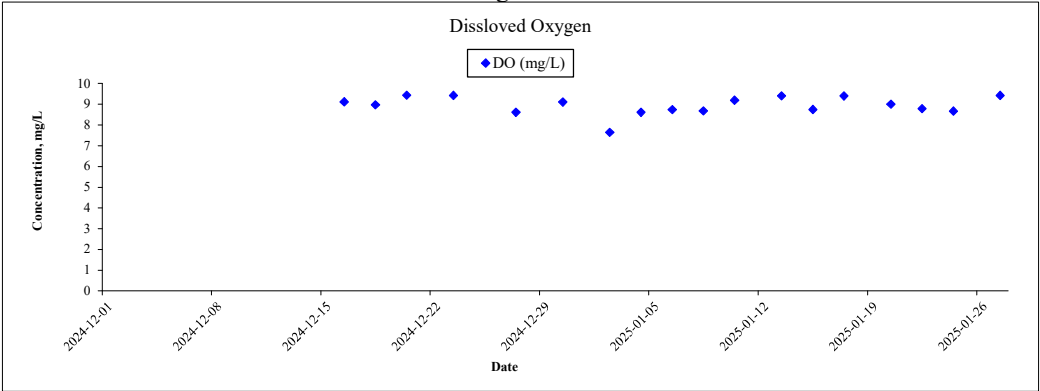


Monitoring Location: C5



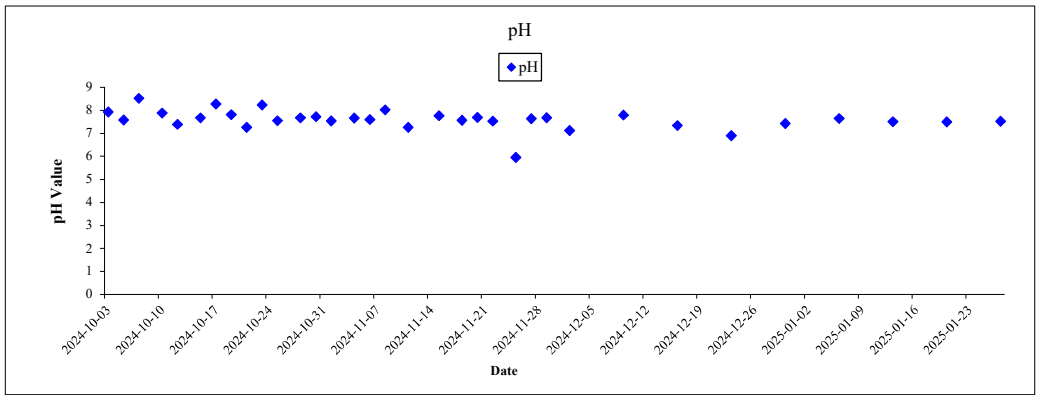
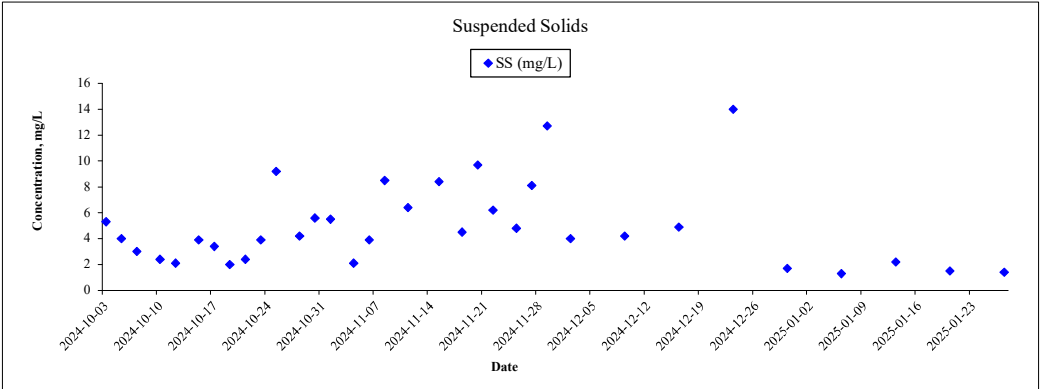
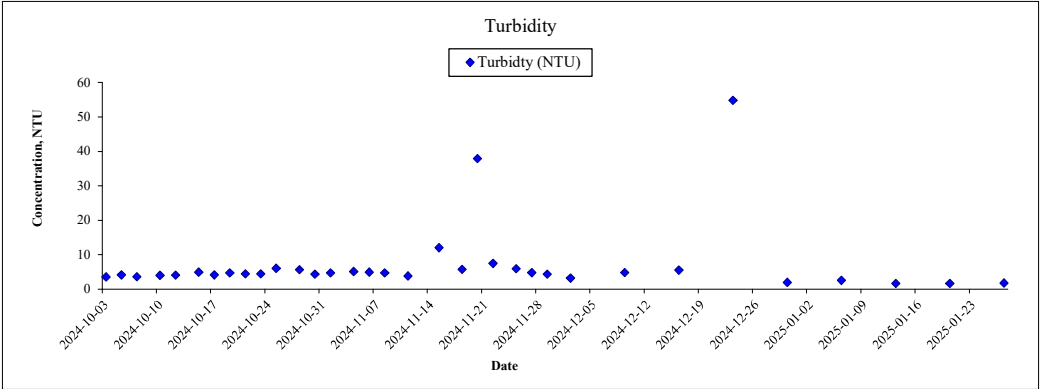
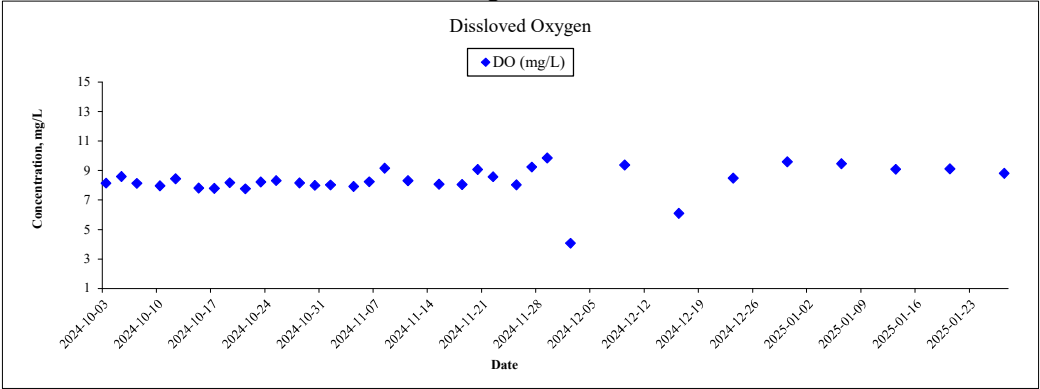


Monitoring Location: C4

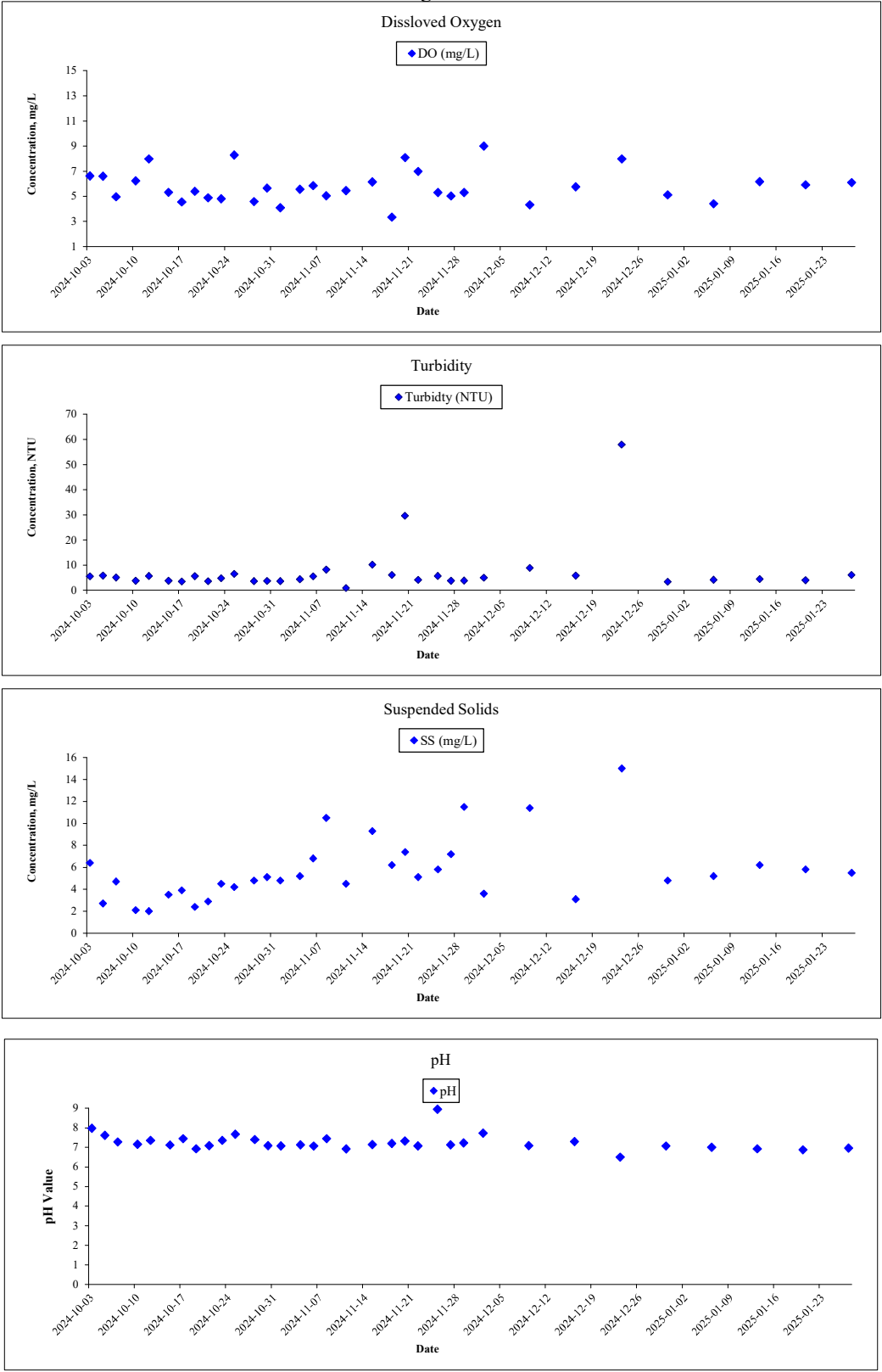




Monitoring Location: C3A



Monitoring Location: C2



Monitoring Location: C1A

