

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	20241202	Sunny	14:27	0.38	6.79	6.80	76.1	76.3	6.83	6.83	0.09	0.09	22.1	22.1	7.49	7.46	2.2	2.6	
C1A	20241202	Sunny	14:27	0.38	6.80		76.4		6.83		0.09		22.1		7.43		2.9		
C1A	20241209	Fine	14:27	0.4	6.73	6.73	80.1	80.2	6.99	6.99	0.09	0.09	19.5	19.5	5.51	5.52	3.0	3.5	
C1A	20241209	Fine	14:27	0.4	6.73		80.2		6.99		0.09		19.5		5.52		4.0		
C1A	20241216	Sunny	12:12	0.45	6.73	6.73	80.2	80.2	7.21	7.21	0.10	0.10	17.3	17.3	9.32	9.30	1.3	1.9	
C1A	20241216	Sunny	12:12	0.45	6.73		80.2		7.21		0.10		17.3		9.27		2.4		
C1A	20241223	Cloudy	12:25	0.42	8.96	8.96	93.9	93.9	6.04	6.06	0.09	0.09	17.5	17.6	36.61	36.66	15.0	14.0	
C1A	20241223	Cloudy	12:25	0.42	8.95		93.8		6.08		0.09		17.6		36.71		13.0		
C1A	20241230	Sunny	12:20	0.44	6.83	6.84	72.0	72.2	6.86	6.86	0.11	0.11	17.9	17.9	7.85	7.83	3.9	4.6	
C1A	20241230	Sunny	12:20	0.44	6.85		72.3		6.86		0.11		17.9		7.80		5.2		

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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	20241202	Sunny	14:18	0.4	8.99	8.99	95.5	95.5	7.72	7.73	0.02	0.02	18.3	18.3	5.00	4.97	2.9	4.2	3.6
C2	20241202	Sunny	14:18	0.4	8.98		95.4		7.73		0.02		18.3		4.97		4.2		
C2	20241209	Fine	14:17	0.37	4.33	4.33	46.5	46.5	7.09	7.09	0.08	0.08	18.8	18.8	8.83	8.85	13.0	9.8	11.4
C2	20241209	Fine	14:17	0.37	4.33		46.5		7.09		0.08		18.8		8.85		9.8		
C2	20241216	Sunny	12:01	0.39	5.75	5.76	59.1	59.2	7.3	7.3	0.09	0.09	16.6	16.6	5.81	5.72	3.3	2.8	3.1
C2	20241216	Sunny	12:01	0.39	5.77		59.3		7.3		0.09		16.6		5.72		2.8		
C2	20241223	Cloudy	12:11	0.38	7.99	7.97	81.5	81.4	6.49	6.5	0.11	0.11	16.4	16.4	57.69	57.98	15.0	15.0	15.0
C2	20241223	Cloudy	12:11	0.38	7.95		81.2		6.51		0.11		16.4		58.26		15.0		
C2	20241230	Sunny	12:09	0.4	5.11	5.11	53.3	53.3	7.07	7.07	0.10	0.10	17.3	17.3	3.30	3.33	4.5	5.1	4.8
C2	20241230	Sunny	12:09	0.4	5.11		53.3		7.07		0.10		17.3		3.33		5.1		

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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	20241202	Sunny	14:12	0.4	4.07	4.07	46.6	46.6	7.12	7.12	0.08	0.08	22.1	22.1	3.24	3.23	4.2	4.0	
C3A	20241202	Sunny	14:12	0.4	4.07		46.6		7.12		0.08		22.1		3.22		3.7		
C3A	20241209	Fine	14:09	0.44	9.38	9.38	97.6	97.6	7.79	7.79	0.02	0.02	17.3	17.3	4.84	4.84	3.9	4.2	
C3A	20241209	Fine	14:09	0.44	9.38		97.6		7.78		0.02		17.3		4.84		4.4		
C3A	20241216	Sunny	11:50	0.4	6.10	6.09	62.7	62.6	7.34	7.34	0.09	0.09	16.7	16.7	5.54	5.54	4.3	4.9	
C3A	20241216	Sunny	11:50	0.4	6.08		62.5		7.34		0.09		16.7		5.54		5.5		
C3A	20241223	Cloudy	12:06	0.45	8.45	8.48	86.0	86.2	6.9	6.9	0.05	0.05	16.2	16.2	54.94	54.84	15.0	14.0	
C3A	20241223	Cloudy	12:06	0.45	8.50		86.4		6.9		0.05		16.1		54.73		13.0		
C3A	20241230	Sunny	12:03	0.46	9.47	9.59	94.9	95.1	7.49	7.42	0.02	0.02	14.5	14.5	2.00	2	2.0	1.7	
C3A	20241230	Sunny	12:03	0.46	9.71		95.3		7.35		0.02		14.5		1.99		1.3		

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Water Quality Monitoring Result



Water Quality Monitoring Location: C4

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	
C4	20241216	Sunny	12:40	0.05	9.07	9.12	93.5	94.3	7.33	7.36	0.05	0.05	16.8	17.0	25.75	26.89	8.9	10.5	
C4	20241216	Sunny	12:40	0.05	9.17		95.1		7.38		0.05		17.1		28.02		12.0		
C4	20241218	Sunny	10:58	0.05	8.97	8.97	92.9	92.9	7.52	7.52	0.05	0.05	17	17.0	25.61	25.72	9.8	9.2	
C4	20241218	Sunny	10:58	0.05	8.97		92.9		7.52		0.05		17		25.83		8.5		
C4	20241220	Sunny	10:39	0.06	9.43	9.44	91.8	91.9	7.54	7.54	0.06	0.06	14.1	14.1	38.93	39.02	13.0	15.5	
C4	20241220	Sunny	10:39	0.06	9.44		91.9		7.54		0.06		14.1		39.10		18.0		
C4	20241223	Cloudy	11:27	0.08	9.43	9.43	96.0	96.0	6.76	6.76	0.05	0.05	16.2	16.2	26.79	26.79	14.0	13.0	
C4	20241223	Cloudy	11:27	0.08	9.43		96.0		6.76		0.05		16.2		26.79		12.0		
C4	20241227	Sunny	10:30	0.16	8.61	8.61	86.2	86.2	7.51	7.51	0.06	0.06	13.7	13.7	17.42	17.29	24.0	19.0	
C4	20241227	Sunny	10:30	0.16	8.61		86.2		7.50		0.06		13.7		17.16		14.0		
C4	20241230	Sunny	11:30	0.09	9.11	9.11	91.8	91.8	7.04	7.04	0.05	0.05	15.7	15.7	12.40	12.39	11.0	9.5	
C4	20241230	Sunny	11:30	0.09	9.11		91.8		7.04		0.05		15.7		12.38		7.9		

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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	20241216	Sunny	12:48	0.04	9.01	9.02	90.0	90.1	7.45	7.46	0.06	0.06	15.3	15.3	7.87	7.91	<1.0	1.2	
C5	20241216	Sunny	12:48	0.04	9.03		90.2		7.46		0.06		15.3		7.95		1.4		
C5	20241218	Sunny	10:59	0.04	8.49	8.49	85.1	85.1	7.44	7.44	0.06	0.06	15.5	15.5	8.90	8.91	1.4	1.3	
C5	20241218	Sunny	10:59	0.04	8.49		85.1		7.44		0.06		15.5		8.91		1.2		
C5	20241220	Sunny	10:51	0.07	9.48	9.48	90.5	90.5	7.6	7.6	0.07	0.07	13.3	13.3	8.15	8.15	<1.0	1.0	
C5	20241220	Sunny	10:51	0.07	9.48		90.5		7.6		0.07		13.3		8.15		<1.0		
C5	20241223	Cloudy	11:32	0.08	9.57	9.6	94.5	94.7	6.77	6.79	0.06	0.06	14.8	14.8	10.29	10.31	<1.0	1.3	
C5	20241223	Cloudy	11:32	0.08	9.62		94.9		6.80		0.06		14.8		10.32		1.5		
C5	20241227	Sunny	10:31	0.06	9.07	9.08	88.4	88.1	7.23	7.23	0.06	0.06	14.2	14.2	4.33	4.34	4.1	3.2	
C5	20241227	Sunny	10:31	0.06	9.08		87.8		7.23		0.06		14.2		4.34		2.3		
C5	20241230	Sunny	11:32	0.06	9.01	9.01	88.1	88.2	7.02	7.02	0.07	0.07	14.3	14.4	3.93	3.92	<1.0	1.1	
C5	20241230	Sunny	11:32	0.06	9.01		88.2		7.02		0.07		14.4		3.91		1.1		

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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	20241202	Sunny	13:23	0.05	8.41	8.41	95.2	95.2	7.61	7.61	0.06	0.06	21.4	21.4	31.98	32.19	24.0	23.5	
C6	20241202	Sunny	13:23	0.05	8.41		95.2		7.61		0.06		21.4		32.40		23.0		
C6	20241209	Fine	13:22	0.04	9.05	9.05	97.6	97.6	7.67	7.67	0.05	0.05	19	19.0	74.92	75.01	55.0	55.0	
C6	20241209	Fine	13:22	0.04	9.05		97.6		7.67		0.05		19		75.09		55.0		
C6	20241216	Sunny	10:45	0.06	8.89	8.89	89.3	89.3	7.71	7.71	0.09	0.09	15.6	15.6	14.68	14.7	10.0	8.4	
C6	20241216	Sunny	10:45	0.06	8.88		89.3		7.7		0.09		15.6		14.72		6.7		
C6	20241223	Cloudy	10:43	0.05	9.60	9.6	96.1	96.1	6.81	6.81	0.06	0.06	15.4	15.4	20.73	20.72	8.3	9.7	
C6	20241223	Cloudy	10:43	0.05	9.60		96.1		6.81		0.06		15.4		20.70		11.0		
C6	20241230	Sunny	10:50	0.07	6.82	6.83	70.3	70.4	7.05	7.05	0.12	0.12	16.8	16.8	3.97	3.98	5.0	5.0	
C6	20241230	Sunny	10:50	0.07	6.83		70.4		7.05		0.12		16.8		3.98		4.9		

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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)		Tempertuare (°C)		Turbidity (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C7A	20241202	Sunny	13:39	0.08	6.80	6.81	76.2	76.3	7.41	7.41	0.12	0.12	20.9	20.9	5.21	5.22	7.8	7.6	
C7A	20241202	Sunny	13:39	0.08	6.82		76.3		7.41		0.12		20.9		5.22		7.3		
C7A	20241209	Fine	13:41	0.08	7.03	7.03	75.6	75.6	7.46	7.46	0.11	0.11	18.9	18.9	4.58	4.59	4.6	4.4	
C7A	20241209	Fine	13:41	0.08	7.03		75.6		7.46		0.11		18.9		4.59		4.1		
C7A	20241216	Sunny	11:03	0.11	8.78	8.78	88.2	88.2	7.63	7.63	0.09	0.09	15.6	15.6	13.57	13.55	8.8	6.9	
C7A	20241216	Sunny	11:03	0.11	8.78		88.2		7.63		0.09		15.6		13.52		5.0		
C7A	20241223	Cloudy	11:00	0.12	6.82	6.83	69.2	69.3	6.93	6.93	0.13	0.13	16.1	16.1	7.61	7.61	4.7	4.9	
C7A	20241223	Cloudy	11:00	0.12	6.83		69.4		6.93		0.13		16.1		7.60		5.1		
C7A	20241230	Sunny	11:07	0.14	6.73	6.73	69.4	69.4	7.08	7.08	0.12	0.12	16.8	16.8	3.68	3.69	2.9	3.3	
C7A	20241230	Sunny	11:07	0.14	6.73		69.4		7.08		0.12		16.8		3.69		3.7		

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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	20241202	Sunny	13:48	0.08	6.80	6.80	76.4	76.4	7.42	7.42	0.09	0.09	21.1	21.1	4.80	4.82	5.3	5.4	
C8	20241202	Sunny	13:48	0.08	6.80		76.4		7.42		0.09		21.1		4.84		5.5		
C8	20241209	Fine	13:48	0.11	6.93	6.92	75.6	75.5	7.48	7.49	0.09	0.09	19.6	19.6	9.31	9.32	1.9	1.9	
C8	20241209	Fine	13:48	0.11	6.91		75.4		7.49		0.09		19.6		9.32		1.8		
C8	20241216	Sunny	11:22	0.09	7.27	7.27	75.4	75.4	7.53	7.53	0.11	0.11	17.1	17.1	8.18	8.19	2.5	2.7	
C8	20241216	Sunny	11:22	0.09	7.27		75.4		7.52		0.11		17.1		8.20		2.9		
C8	20241223	Cloudy	11:12	0.1	5.49	5.48	57.7	57.6	7.27	7.27	0.16	0.16	17.7	17.7	6.15	6.16	3.0	2.7	
C8	20241223	Cloudy	11:12	0.1	5.46		57.4		7.26		0.16		17.7		6.16		2.4		
C8	20241230	Sunny	11:11	0.08	7.30	7.30	76.6	76.7	7.3	7.30	0.16	0.16	17.9	17.9	4.77	4.80	2.2	2.6	
C8	20241230	Sunny	11:11	0.08	7.30		76.7		7.3		0.16		17.9		4.80		2.9		

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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	20241202	Sunny	12:58	0.13	9.02	9.03	98.0	98.0	7.76	7.76	0.05	0.05	19.3	19.3	3.56	3.55	5.6	5.1	
C9	20241202	Sunny	12:58	0.13	9.03		98.0		7.76		0.05		19.3		3.53		4.5		
C9	20241209	Sunny	12:43	0.15	9.30	9.30	97.8	97.8	7.78	7.78	0.05	0.05	17.8	17.8	2.61	2.61	4.1	4.8	
C9	20241209	Sunny	12:43	0.15	9.30		97.8		7.78		0.05		17.8		2.61		5.5		
C9	20241216	Sunny	10:02	0.16	9.93	9.94	97.5	97.6	7.89	7.90	0.05	0.05	14.5	14.5	3.53	3.57	4.4	4.5	
C9	20241216	Sunny	10:02	0.16	9.94		97.6		7.91		0.05		14.5		3.60		4.6		
C9	20241223	Cloudy	10:07	0.25	9.78	9.78	98.0	98.0	6.98	6.98	0.06	0.06	15.5	15.5	8.38	8.45	8.2	7.2	
C9	20241223	Cloudy	10:07	0.25	9.78		98.0		6.98		0.06		15.5		8.52		6.2		
C9	20241230	Sunny	10:09	0.16	9.43	9.44	94.9	95.0	7.43	7.44	0.06	0.06	15.7	15.7	2.28	2.27	9.7	8.8	
C9	20241230	Sunny	10:09	0.16	9.44		95.0		7.44		0.06		15.7		2.25		7.8		

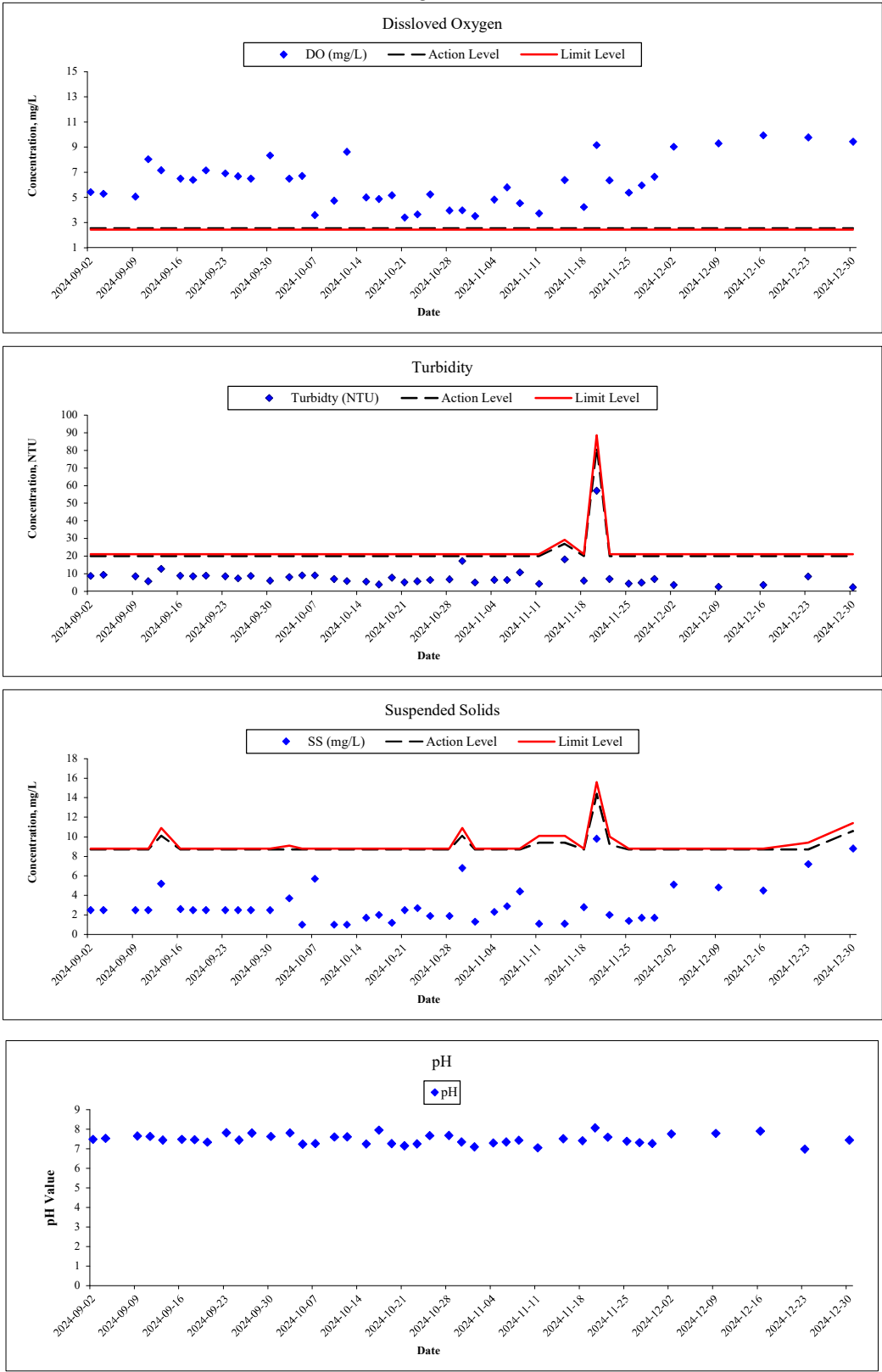
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Water Quality Monitoring Location: C10

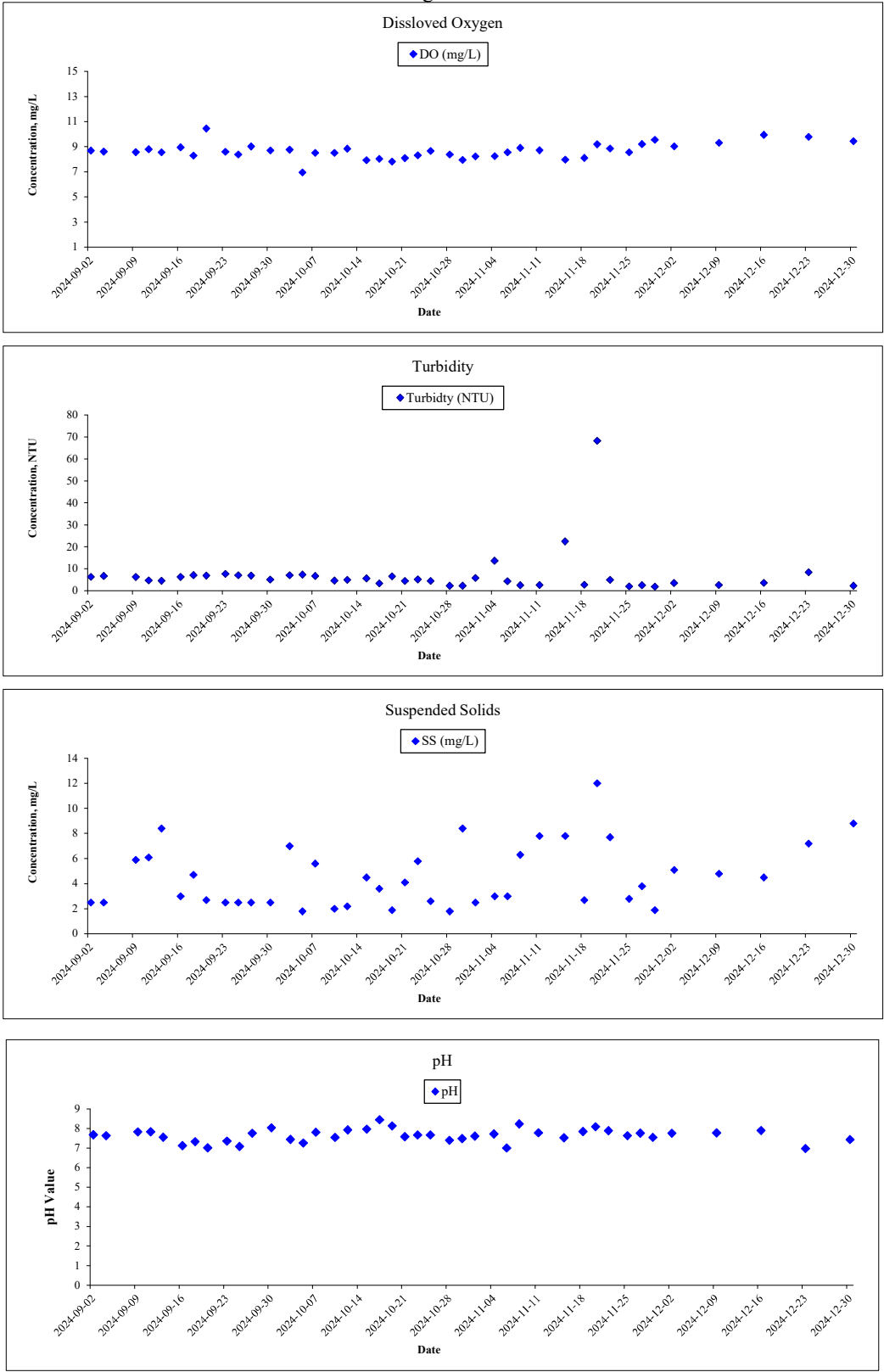
Location	Date	Weather	Time	Water Depth (m)	Dissolved Oxygen (mg/L)		Dissolved Oxygen Saturation (%)		pH		Salinity (ppt)		Tempertuare (°C)		Turbidity (NTU)		Suspended Solids (mg/L)		Remark
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	
C10	20241202	Sunny	12:50	0.19	5.10	5.10	57.3	57.3	7.33	7.33	0.10	0.10	21.1	21.1	5.55	5.56	1.9	2.6	
C10	20241202	Sunny	12:50	0.19	5.10		57.3		7.33		0.10		21.1		5.57		3.2		
C10	20241209	Fine	12:53	0.21	5.44	5.43	58.8	58.7	7.33	7.33	0.10	0.10	17.3	17.3	8.39	8.38	3.2	3.7	
C10	20241209	Fine	12:53	0.21	5.41		58.5		7.33		0.10		17.3		8.36		4.1		
C10	20241216	Sunny	10:19	0.2	5.96	5.96	59.9	59.9	7.38	7.38	0.11	0.11	15.6	15.6	14.63	14.66	3.7	3.9	
C10	20241216	Sunny	10:19	0.2	5.95		59.8		7.38		0.11		15.6		14.68		4.1		
C10	20241223	Cloudy	10:19	0.23	6.34	6.37	65.1	65.4	7.25	7.25	0.10	0.10	16.6	16.6	8.18	8.12	1.8	1.9	
C10	20241223	Cloudy	10:19	0.23	6.39		65.7		7.25		0.10		16.6		8.05		2.0		
C10	20241230	Sunny	10:23	0.25	5.89	5.52	60.3	60.4	7.14	7.14	0.11	0.11	16.5	16.5	5.20	5.18	9.6	7.9	
C10	20241230	Sunny	10:22	0.25	5.15		60.5		7.14		0.11		16.5		5.15		6.1		

Monitoring Location: C10

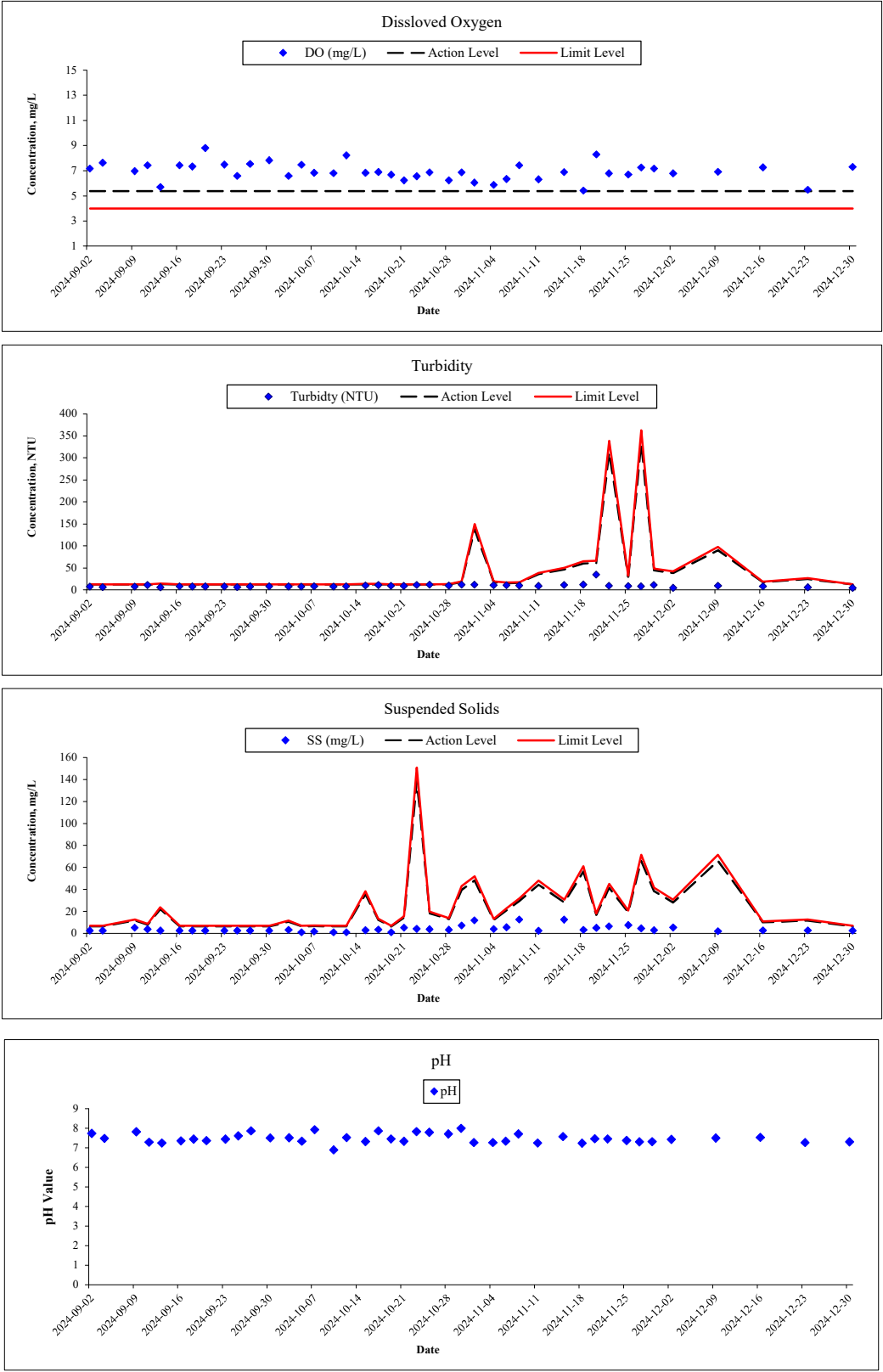




Monitoring Location: C9

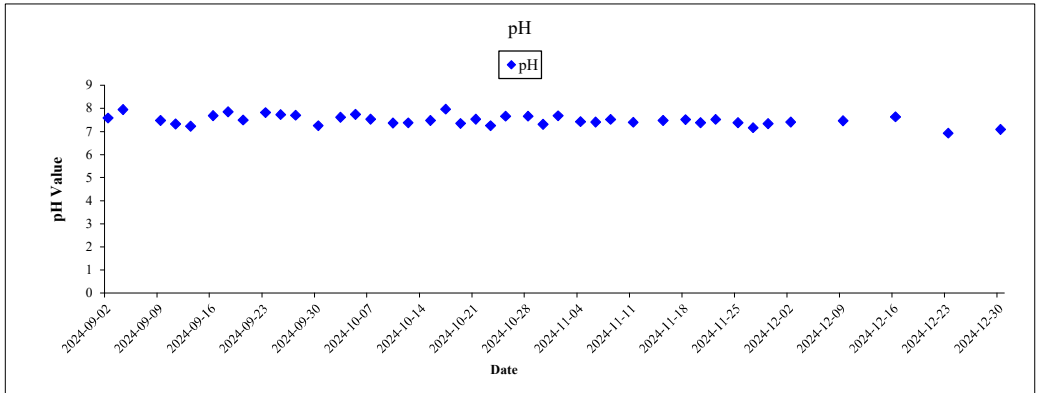
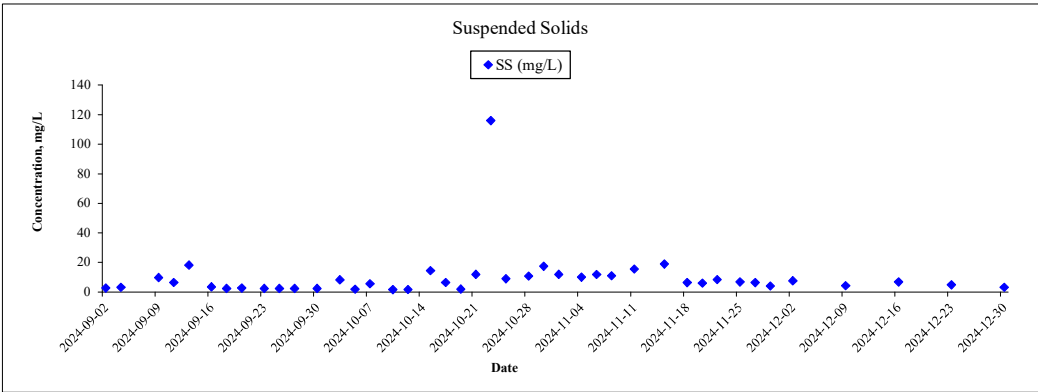
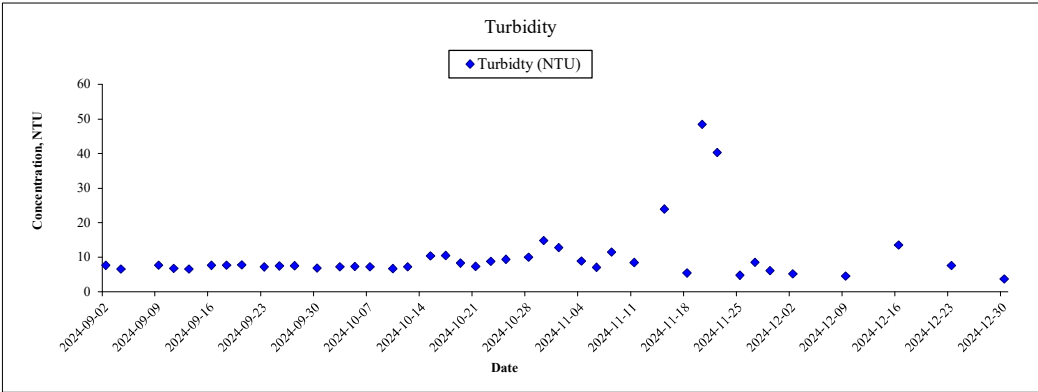
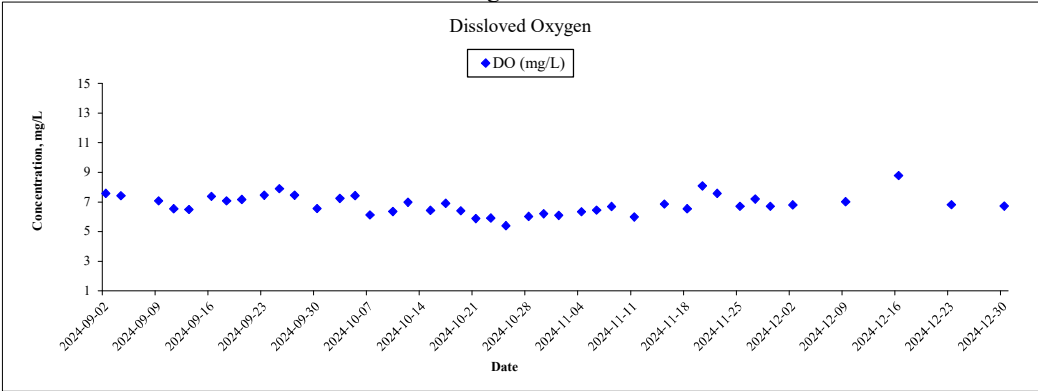


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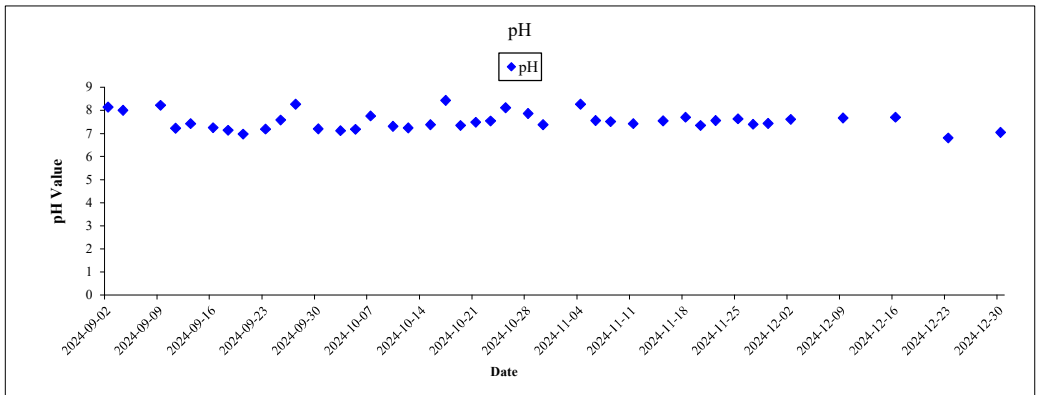
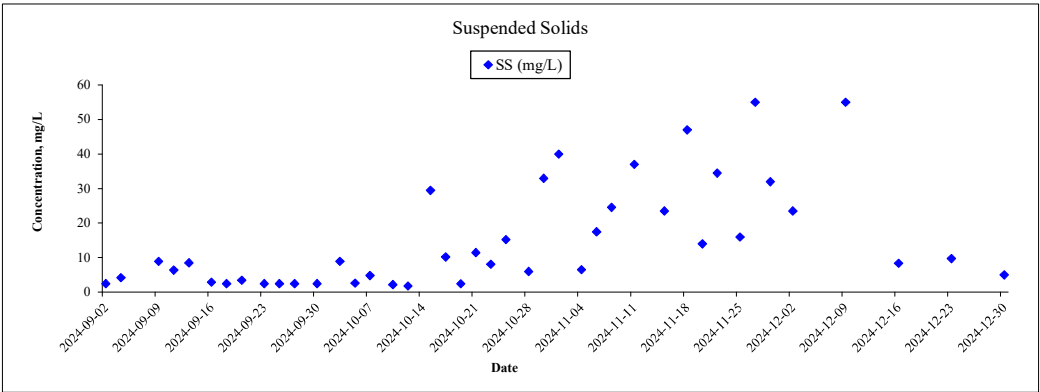
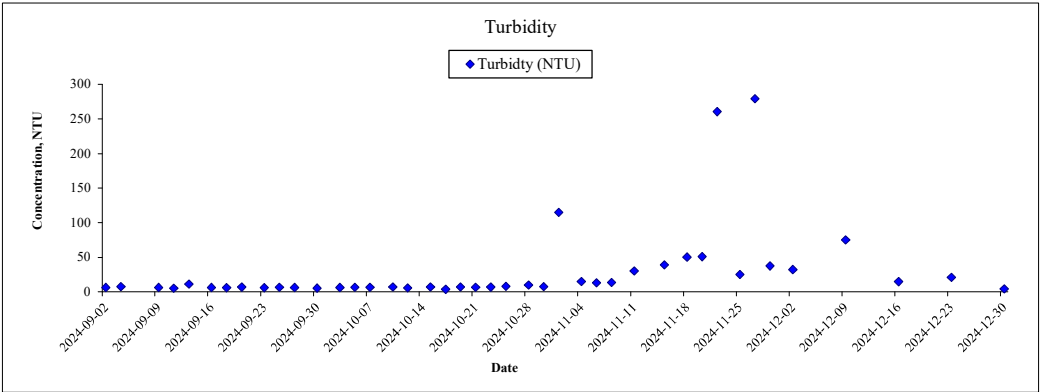
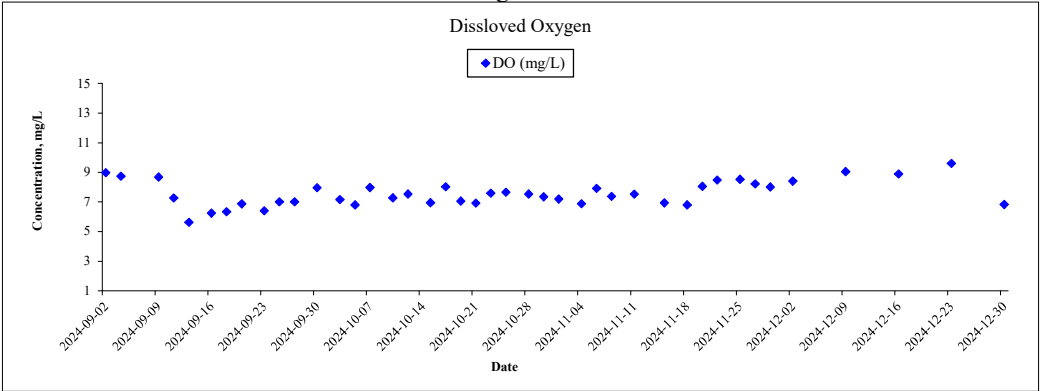




Monitoring Location: C7A

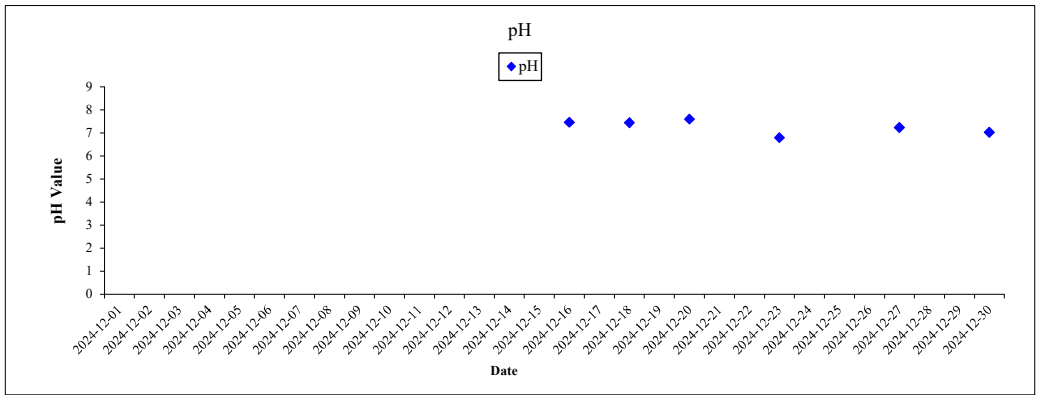
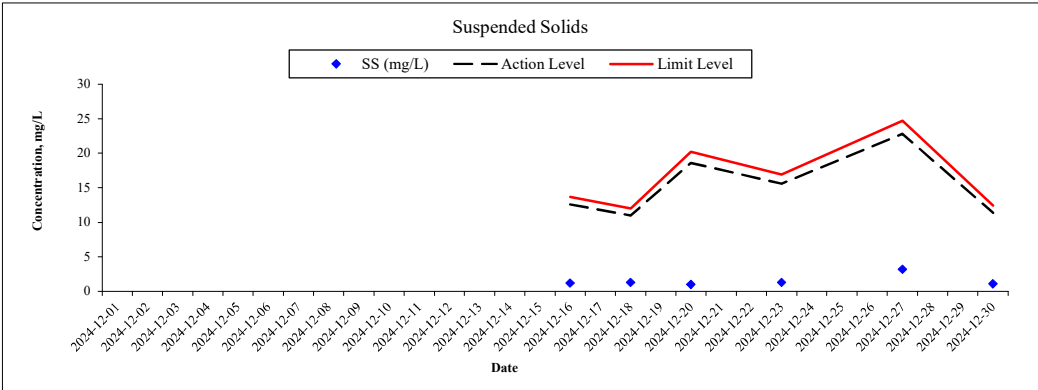
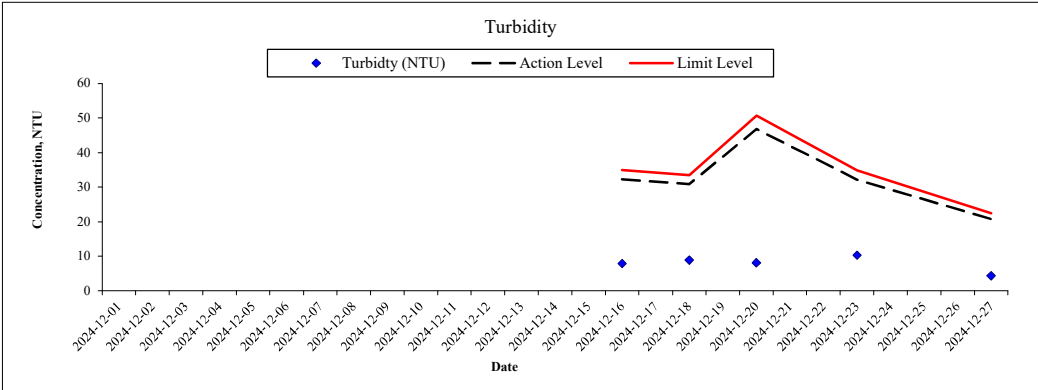
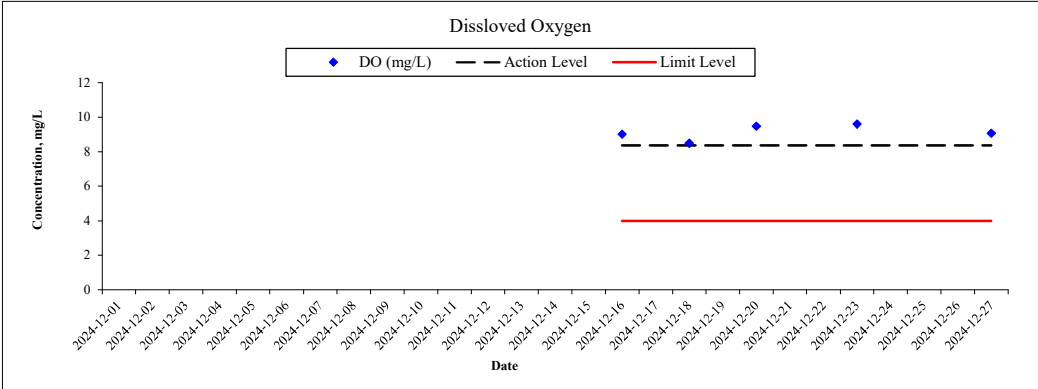


Monitoring Location: C6

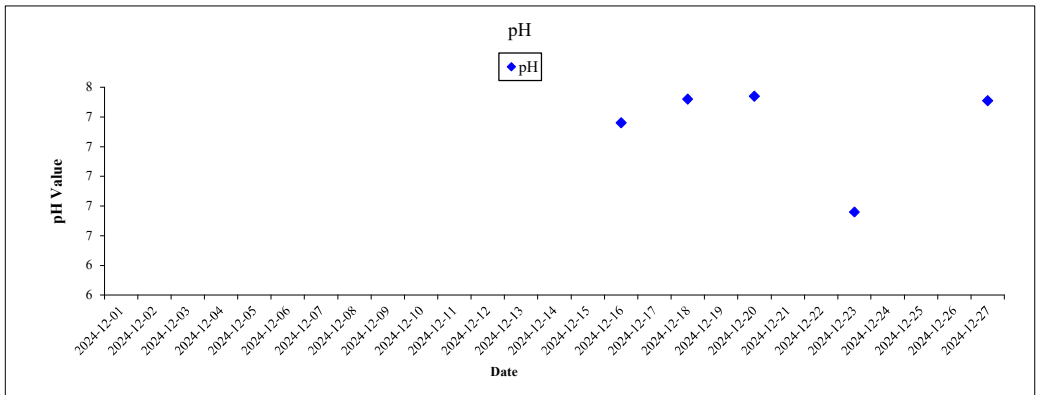
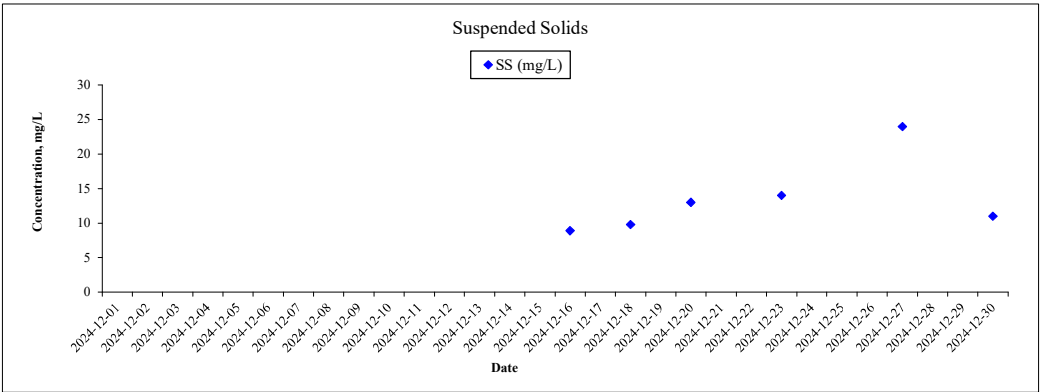
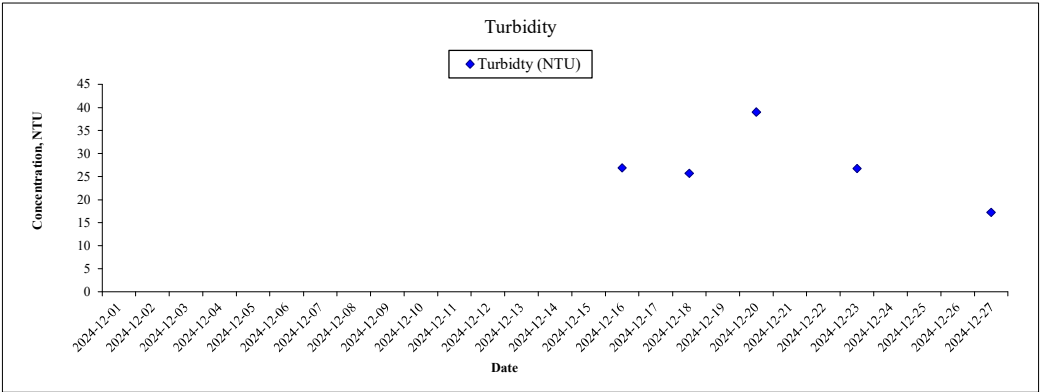
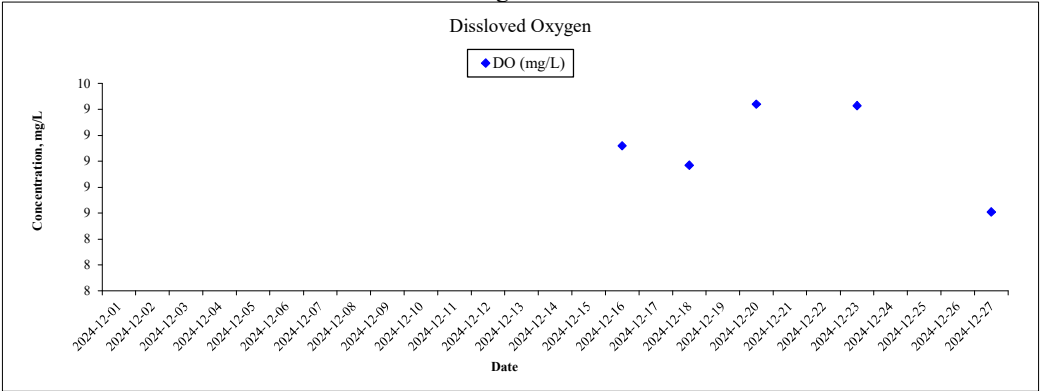




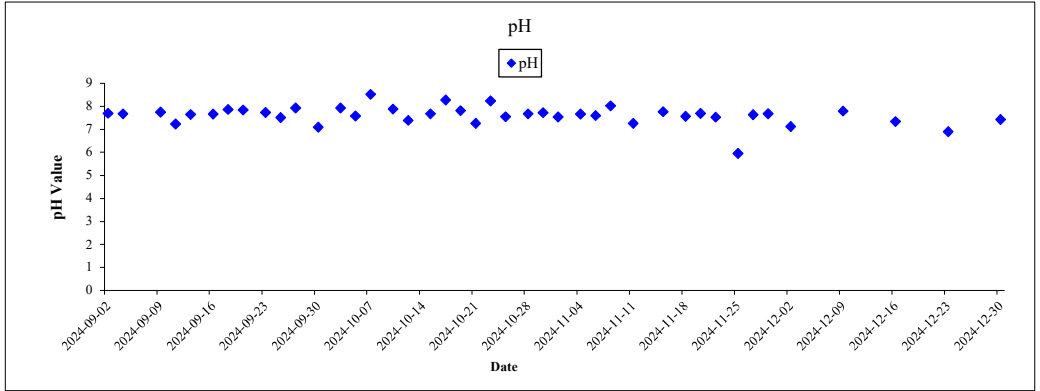
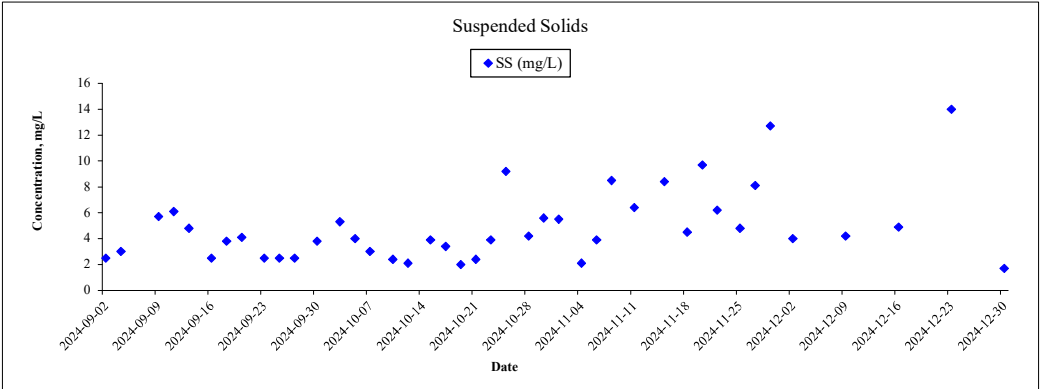
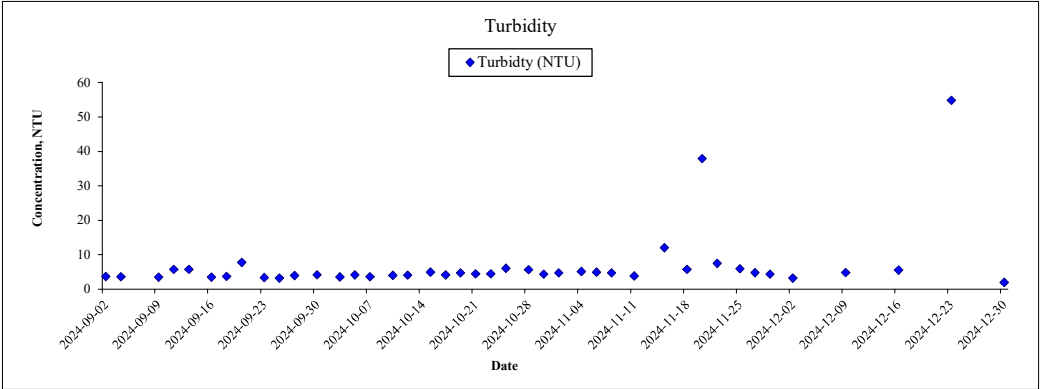
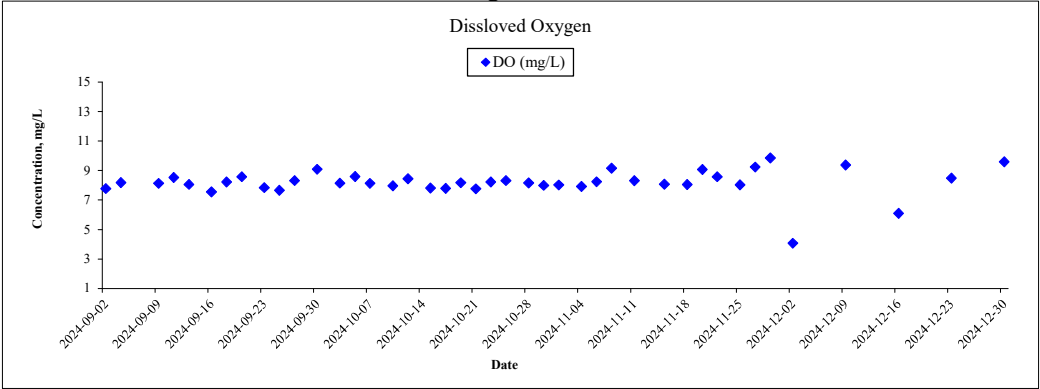
Monitoring Location: C5



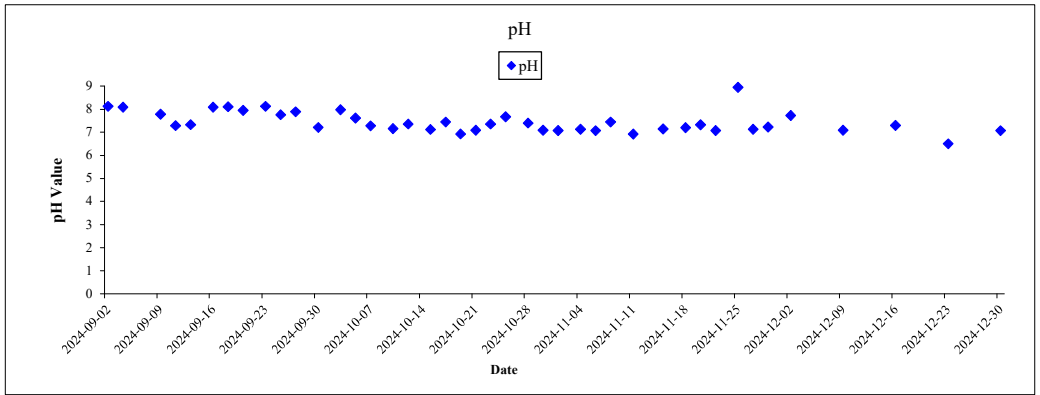
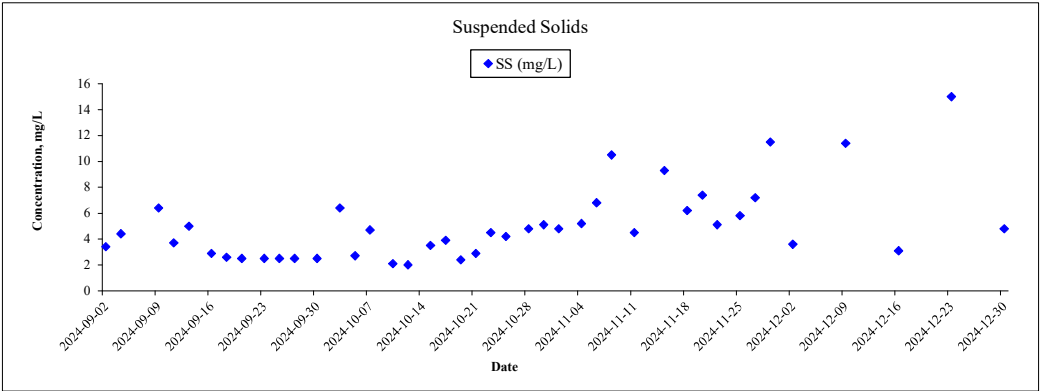
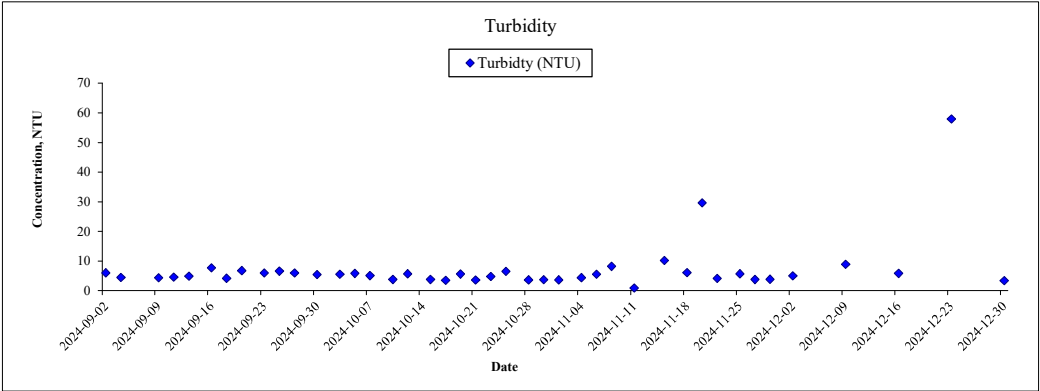
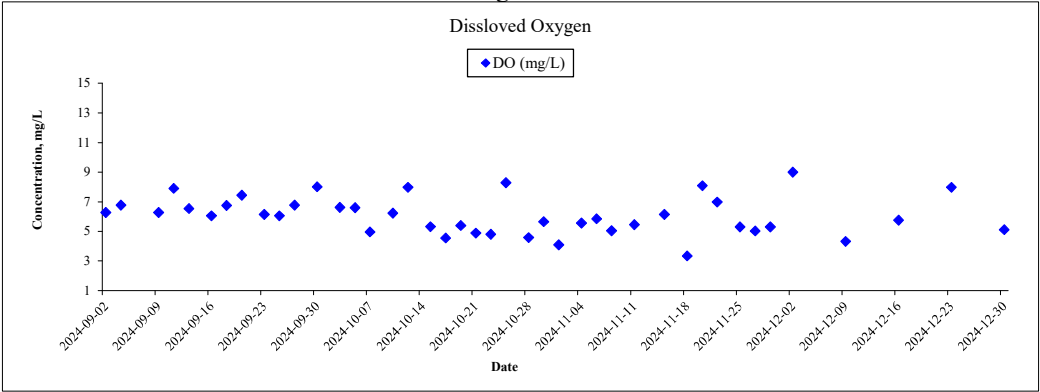
Monitoring Location: C4



Monitoring Location: C3A



Monitoring Location: C2



Monitoring Location: C1A

