

Appendix 2.4 Impact Water Quality Monitoring Data

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	DO (mg/L)	Do Saturation (%)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Remark
C1A	20240502	Sunny	17:00	6.89	82.9	8.46	0.29	24.70	7.03	12	/
C1A	20240502	Sunny	17:01	6.95	83.6	8.46	0.29	24.70	7.13	12	/
C1A	20240507	Sunny	16:25	6.90	86.7	7.49	0.08	27.00	1.58	3	/
C1A	20240507	Sunny	16:25	6.88	86.5	7.48	0.08	27.00	1.57	2	/
C1A	20240509	Sunny	17:11	7.65	95.4	7.65	0.12	26.60	9.71	6	/
C1A	20240509	Sunny	17:11	7.67	95.8	7.66	0.12	26.70	9.92	6	/
C1A	20240511	Sunny	13:11	7.58	94.5	8.15	0.09	26.50	4.25	<2.5	/
C1A	20240511	Sunny	13:11	7.50	93.5	8.12	0.09	26.50	4.33	<2.5	/
C1A	20240514	Sunny	17:20	7.12	91.3	8.22	0.12	28.20	8.09	4	/
C1A	20240514	Sunny	17:20	7.11	91.2	8.22	0.12	28.20	8.07	5	/
C1A	20240516	Sunny	16:37	8.98	113.0	8.21	0.13	27.10	6.62	<2.5	/
C1A	20240516	Sunny	16:38	8.99	113.1	8.13	0.13	27.10	6.55	3	/
C1A	20240518	Sunny	13:14	6.93	87.2	8.21	0.08	25.80	5.79	4	/
C1A	20240518	Sunny	13:14	6.84	86.0	8.18	0.08	25.80	5.64	3	/
C1A	20240523	Cloudy	16:44	7.52	91.8	7.52	0.10	25.40	10.18	<2.5	/
C1A	20240523	Cloudy	16:44	7.52	91.8	7.51	0.10	25.40	10.09	3	/
C1A	20240525	Cloudy	14:12	7.48	91.3	7.51	0.11	25.50	6.88	4	/
C1A	20240525	Cloudy	14:12	7.55	92.1	7.53	0.11	25.50	6.74	6	/
C1A	20240528	Cloudy	17:08	6.95	89.1	7.55	0.11	28.20	7.79	6	/
C1A	20240528	Cloudy	17:08	6.94	89.0	7.54	0.11	28.20	7.88	7	/
C1A	20240530	Cloudy	16:44	6.95	83.7	7.47	0.07	24.70	5.18	5	/
C1A	20240530	Cloudy	16:44	6.93	83.4	7.45	0.07	24.70	5.3	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: C2

Location	Date	Weather	Time	DO (mg/L)	Do Saturation (%)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Remark
C2	20240502	Sunny	16:45	5.45	65.6	8.52	0.31	24.60	19.65	13	/
C2	20240502	Sunny	16:45	5.43	65.3	8.52	0.31	24.60	19.84	9	/
C2	20240507	Sunny	16:08	6.65	83.5	7.45	0.08	27.00	3.42	4	/
C2	20240507	Sunny	16:08	6.64	83.4	7.44	0.08	27.00	3.43	3	/
C2	20240509	Sunny	16:59	7.96	98.8	7.44	0.09	26.40	9.39	9	/
C2	20240509	Sunny	16:59	7.96	98.7	7.43	0.09	26.40	9.45	6	/
C2	20240511	Sunny	12:43	5.49	68.5	7.99	0.10	27.10	3.63	<2.5	/
C2	20240511	Sunny	12:43	5.53	69	7.95	0.10	27.10	3.77	<2.5	/
C2	20240514	Sunny	16:59	6.28	80.8	7.41	0.10	28.40	5.22	4	/
C2	20240514	Sunny	16:59	6.24	80.4	7.41	0.10	28.40	5.11	6	/
C2	20240516	Sunny	16:28	7.03	90.3	7.57	0.11	28.30	5.47	4	/
C2	20240516	Sunny	16:28	7.02	90.1	7.56	0.11	28.30	5.49	6	/
C2	20240518	Sunny	13:01	7.63	96	8.01	0.11	26.30	7.35	7	/
C2	20240518	Sunny	13:01	7.55	95	7.99	0.11	26.30	7.47	7	/
C2	20240523	Cloudy	16:34	5.54	67.9	7.36	0.03	25.70	5.27	3	/
C2	20240523	Cloudy	16:35	5.53	67.8	7.35	0.03	25.70	5.22	3	/
C2	20240525	Cloudy	13:59	6.72	82	7.18	0.05	24.80	5.06	3	/
C2	20240525	Cloudy	13:59	6.74	82.2	7.16	0.05	24.80	5.15	5	/
C2	20240528	Cloudy	16:57	3.90	49.3	7.90	0.34	27.30	8.23	8	/
C2	20240528	Cloudy	16:57	3.85	48.7	7.89	0.34	27.30	8.35	10	/
C2	20240530	Cloudy	16:31	4.50	54.8	7.48	0.16	25.30	8.72	6	/
C2	20240530	Cloudy	16:31	4.15	50.6	7.48	0.16	25.30	8.64	7	/

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	DO (mg/L)	Do Saturation (%)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Remark
C3A	20240502	Sunny	16:25	7.32	86.6	8.40	0.02	23.80	7.53	4	/
C3A	20240502	Sunny	16:25	7.30	86.4	8.37	0.02	23.80	7.54	4	/
C3A	20240507	Sunny	15:50	7.57	92.7	7.52	0.02	25.60	6.23	4	/
C3A	20240507	Sunny	15:51	7.55	92.5	7.38	0.02	25.60	6.25	4	/
C3A	20240509	Sunny	16:40	8.32	100.3	7.51	0.02	24.80	7.74	3	/
C3A	20240509	Sunny	16:40	8.30	100.1	7.46	0.02	24.80	7.79	2	/
C3A	20240511	Sunny	12:29	7.64	95.3	8.20	0.14	26.80	7.28	3	/
C3A	20240511	Sunny	12:29	7.77	96.9	8.16	0.14	26.80	7.31	<2.5	/
C3A	20240514	Sunny	16:39	7.85	97.1	6.79	0.02	26.20	7.6	5	/
C3A	20240514	Sunny	16:39	7.85	97	6.78	0.02	26.20	7.52	4	/
C3A	20240516	Sunny	16:13	8.16	99.7	7.23	0.02	25.50	5.98	3	/
C3A	20240516	Sunny	16:13	8.15	99.5	7.20	0.02	25.50	5.96	3	/
C3A	20240518	Sunny	12:44	7.88	99.1	8.12	0.13	25.90	5.33	<2.5	/
C3A	20240518	Sunny	12:45	7.95	100	8.13	0.13	25.90	5.48	<2.5	/
C3A	20240523	Cloudy	16:21	7.80	93.3	7.50	0.02	24.30	8.11	3	/
C3A	20240523	Cloudy	16:22	7.78	93	7.43	0.02	24.30	7.48	3	/
C3A	20240525	Cloudy	13:44	7.56	92.2	7.45	0.02	25.30	6.56	5	/
C3A	20240525	Cloudy	13:45	7.78	94.9	7.43	0.02	25.30	6.58	5	/
C3A	20240528	Cloudy	16:42	7.77	96.6	7.66	0.02	26.50	8.46	5	/
C3A	20240528	Cloudy	16:43	7.77	96.6	7.62	0.02	26.50	8.34	5	/
C3A	20240530	Cloudy	15:51	8.15	97.6	7.53	0.02	24.50	6.98	4	/
C3A	20240530	Cloudy	15:51	8.12	97.3	7.50	0.02	24.50	6.87	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: C6

Location	Date	Weather	Time	DO (mg/L)	Do Saturation (%)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Remark
C6	20240502	Sunny	14:51	7.66	91.0	8.54	0.09	24.00	5.29	8	/
C6	20240502	Sunny	14:51	7.65	90.9	8.51	0.09	24.00	5.44	7	/
C6	20240507	Sunny	14:37	8.16	98.8	8.09	0.08	25.00	1.74	2	/
C6	20240507	Sunny	14:37	8.16	98.8	8.07	0.08	25.00	1.68	2	/
C6	20240509	Sunny	15:12	8.72	102.8	7.75	0.08	23.60	2.96	7	/
C6	20240509	Sunny	15:13	8.72	102.8	7.74	0.08	23.60	2.89	6	/
C6	20240511	Sunny	10:43	5.48	68.3	7.92	0.13	26.40	4.58	<2.5	/
C6	20240511	Sunny	10:44	5.52	68.8	7.92	0.13	26.40	4.66	<2.5	/
C6	20240514	Sunny	14:55	8.29	98	7.69	0.08	23.70	7.04	8	/
C6	20240514	Sunny	14:55	8.28	97.9	7.67	0.08	23.70	6.92	8	/
C6	20240516	Sunny	14:45	8.86	103.5	7.99	0.08	23.10	14.84	10	/
C6	20240516	Sunny	14:45	8.86	103.5	7.98	0.08	23.10	14.57	9	/
C6	20240518	Sunny	11:04	7.21	90.7	7.95	0.16	26.10	6.41	3	/
C6	20240518	Sunny	11:05	7.35	92.5	7.95	0.16	26.10	6.36	5	/
C6	20240523	Cloudy	15:00	8.56	103	8.09	0.10	24.70	7.43	6	/
C6	20240523	Cloudy	15:00	8.56	103	8.03	0.10	24.70	7.79	6	/
C6	20240525	Cloudy	12:24	7.40	90.3	7.96	0.12	24.90	6.04	7	/
C6	20240525	Cloudy	12:24	7.41	90.4	8.04	0.12	24.90	6.03	5	/
C6	20240528	Cloudy	15:17	8.13	107.2	8.13	0.07	29.80	2.98	10	/
C6	20240528	Cloudy	15:17	8.13	107.2	8.13	0.07	29.80	2.89	9	/
C6	20240530	Cloudy	15:00	6.56	80	7.88	0.12	24.90	8.11	4	/
C6	20240530	Cloudy	15:00	6.48	79.1	7.88	0.12	24.90	8.23	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	DO (mg/L)	Do Saturation (%)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Remark
C7A	20240502	Sunny	15:18	6.40	77.5	8.31	0.14	25.00	7.76	7	/
C7A	20240502	Sunny	15:18	6.30	76.3	8.29	0.14	25.00	8.02	8	/
C7A	20240507	Sunny	14:57	7.32	92.4	8.13	0.12	27.30	4.76	7	/
C7A	20240507	Sunny	14:57	7.31	92.3	8.11	0.12	27.30	4.47	8	/
C7A	20240509	Sunny	15:46	7.26	90.5	7.79	0.12	26.60	13.61	9	/
C7A	20240509	Sunny	15:46	7.29	90.8	7.82	0.12	26.50	13.12	11	/
C7A	20240511	Sunny	11:10	5.16	64.3	8.01	0.12	26.10	4.91	<2.5	/
C7A	20240511	Sunny	11:10	5.19	64.7	8.02	0.12	26.10	4.99	<2.5	/
C7A	20240514	Sunny	15:26	6.70	86.3	8.28	0.12	28.40	8.83	7	/
C7A	20240514	Sunny	15:26	6.71	86.4	8.28	0.12	28.40	9.03	9	/
C7A	20240516	Sunny	15:13	9.14	114.3	8.32	0.13	26.80	7.00	3	/
C7A	20240516	Sunny	15:14	9.16	114.5	8.28	0.13	26.70	6.87	4	/
C7A	20240518	Sunny	11:39	6.49	81.6	8.06	0.15	26.00	5.48	6	/
C7A	20240518	Sunny	11:39	6.63	83.4	8.08	0.15	26.00	5.63	5.8	/
C7A	20240523	Cloudy	15:18	7.18	87.8	7.90	0.11	25.60	10.91	6	/
C7A	20240523	Cloudy	15:18	7.17	87.8	7.89	0.11	25.60	10.90	8	/
C7A	20240525	Cloudy	12:48	7.92	96.6	7.88	0.13	25.10	7.54	10	/
C7A	20240525	Cloudy	12:48	7.88	96.1	7.87	0.13	25.10	7.41	15	/
C7A	20240528	Cloudy	15:51	7.04	91.4	7.67	0.13	28.90	8.02	6	/
C7A	20240528	Cloudy	15:51	7.03	91.2	7.64	0.13	28.90	7.89	6	/
C7A	20240530	Cloudy	15:25	8.48	105.4	7.83	0.11	26.50	6.94	5	/
C7A	20240530	Cloudy	15:25	8.48	105.4	7.81	0.11	26.50	6.95	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	DO (mg/L)	Do Saturation (%)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Remark
C8	20240502	Sunny	15:34	6.19	74.9	8.23	0.11	24.90	8.29	32	/
C8	20240502	Sunny	15:34	6.16	74.5	8.19	0.11	24.90	8.86	27	/
C8	20240507	Sunny	15:12	6.81	85.3	7.92	0.10	26.80	8.74	15	/
C8	20240507	Sunny	15:12	6.81	85.2	7.91	0.10	26.80	8.70	15	/
C8	20240509	Sunny	16:02	7.11	87.9	7.60	0.11	26.10	8.31	2	/
C8	20240509	Sunny	16:02	7.09	87.7	7.56	0.11	26.20	7.98	3	/
C8	20240511	Sunny	11:42	6.77	84.4	8.09	0.10	27.10	7.63	4	/
C8	20240511	Sunny	11:42	6.68	83.3	8.08	0.10	27.10	7.48	3	/
C8	20240514	Sunny	15:52	6.39	80.7	7.48	0.10	27.30	8.12	13	/
C8	20240514	Sunny	15:53	6.38	80.6	7.47	0.10	27.30	7.76	13	/
C8	20240516	Sunny	15:36	6.77	84.1	7.66	0.09	26.40	8.12	10	/
C8	20240516	Sunny	15:36	6.76	84.0	7.63	0.09	26.40	8.40	12	/
C8	20240518	Sunny	12:05	6.55	82.4	8.13	0.07	26.80	5.21	30	/
C8	20240518	Sunny	12:05	6.49	81.6	8.15	0.07	26.80	5.18	23	/
C8	20240523	Cloudy	15:45	6.10	74.9	7.64	0.10	25.80	11.47	13	/
C8	20240523	Cloudy	15:45	6.09	74.9	7.64	0.10	25.80	11.45	15	/
C8	20240525	Cloudy	13:10	6.14	74.9	7.35	0.10	25.90	6.22	5	/
C8	20240525	Cloudy	13:10	6.13	74.8	7.34	0.10	25.90	6.13	6	/
C8	20240528	Cloudy	16:05	6.77	86.5	7.60	0.11	28.00	7.49	19	/
C8	20240528	Cloudy	16:05	6.75	86.3	7.58	0.11	28.00	7.58	26	/
C8	20240530	Cloudy	15:51	7.17	88.6	7.58	0.11	26.10	6.56	11	/
C8	20240530	Cloudy	15:51	7.16	88.4	7.57	0.11	26.10	6.63	10	/

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	DO (mg/L)	Do Saturation (%)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Remark
C9	20240502	Sunny	13:56	7.62	90.1	8.99	0.22	23.70	3.40	20	/
C9	20240502	Sunny	13:56	7.60	89.9	8.91	0.21	23.70	3.50	28	/
C9	20240507	Sunny	13:50	8.33	100.0	8.22	0.18	24.50	3.66	7	/
C9	20240507	Sunny	13:50	8.31	99.7	8.12	0.18	24.50	3.53	5	/
C9	20240509	Sunny	14:22	8.55	100.1	8.13	0.10	23.20	0.99	6	/
C9	20240509	Sunny	14:22	8.55	100.2	8.14	0.10	23.20	0.98	5	/
C9	20240511	Sunny	9:43	7.33	91.4	8.25	0.15	26.20	7.21	3	/
C9	20240511	Sunny	9:43	7.38	92.0	8.27	0.15	26.20	7.29	<2.5	/
C9	20240514	Sunny	14:02	8.60	100.8	8.03	0.07	23.30	4.82	20	/
C9	20240514	Sunny	14:02	8.58	100.5	8.00	0.08	23.20	4.70	14	/
C9	20240516	Sunny	13:58	8.38	96.7	8.17	0.26	22.40	7.05	17	/
C9	20240516	Sunny	13:59	8.38	96.6	8.16	0.26	22.40	7.15	15	/
C9	20240518	Sunny	10:16	7.48	94.1	8.22	0.14	26.40	6.36	10	/
C9	20240518	Sunny	10:16	7.55	95.0	8.24	0.14	26.40	6.18	8	/
C9	20240521	Cloudy	13:30	8.47	101.1	8.22	0.06	24.20	108.17	45	/
C9	20240521	Cloudy	13:30	8.47	101.1	8.22	0.06	24.20	107.97	37	/
C9	20240523	Cloudy	14:11	8.32	99.2	8.31	0.24	24.10	7.62	5	/
C9	20240523	Cloudy	14:11	8.32	99.2	8.31	0.24	24.10	7.60	5	/
C9	20240525	Cloudy	11:32	7.88	96.1	7.81	0.13	24.60	7.21	13	/
C9	20240525	Cloudy	11:32	7.93	96.7	7.82	0.13	24.60	7.48	10	/
C9	20240528	Cloudy	14:39	8.24	99.6	7.85	0.09	24.90	4.00	5	/
C9	20240528	Cloudy	14:39	8.23	99.6	7.82	0.09	24.90	4.21	5	/
C9	20240530	Cloudy	13:48	8.53	100.4	7.88	0.08	23.50	4.38	10	/
C9	20240530	Cloudy	13:48	8.53	100.3	7.85	0.08	23.50	4.26	10	/

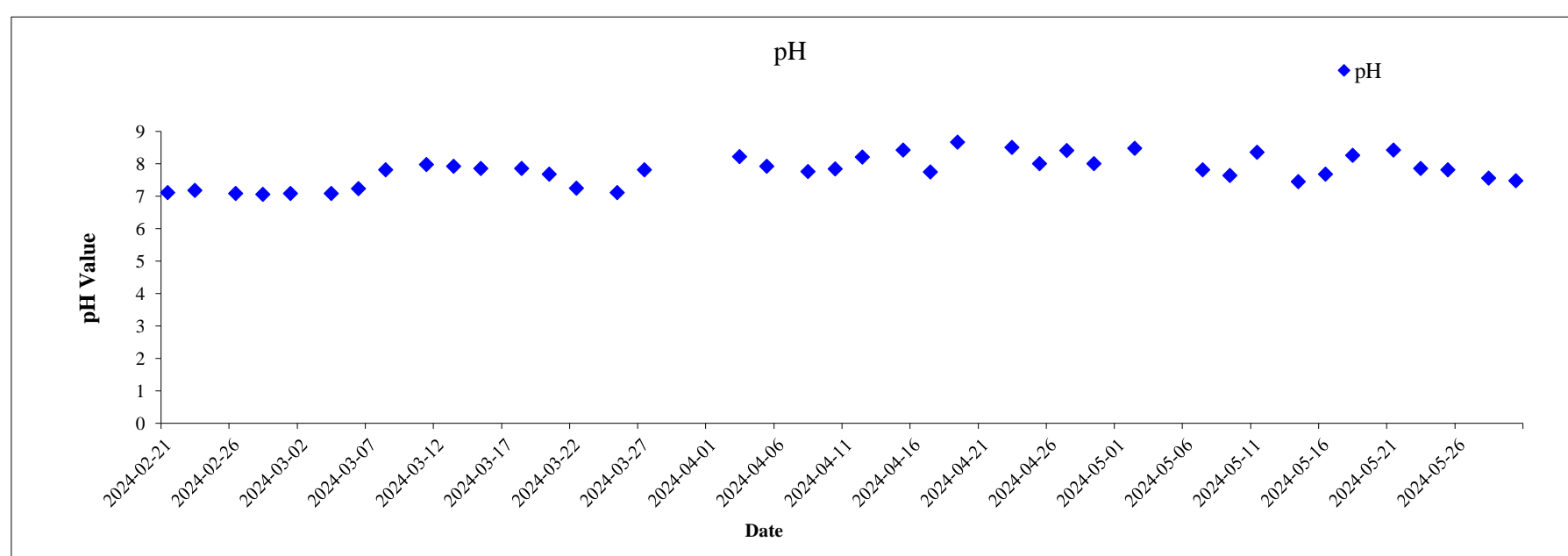
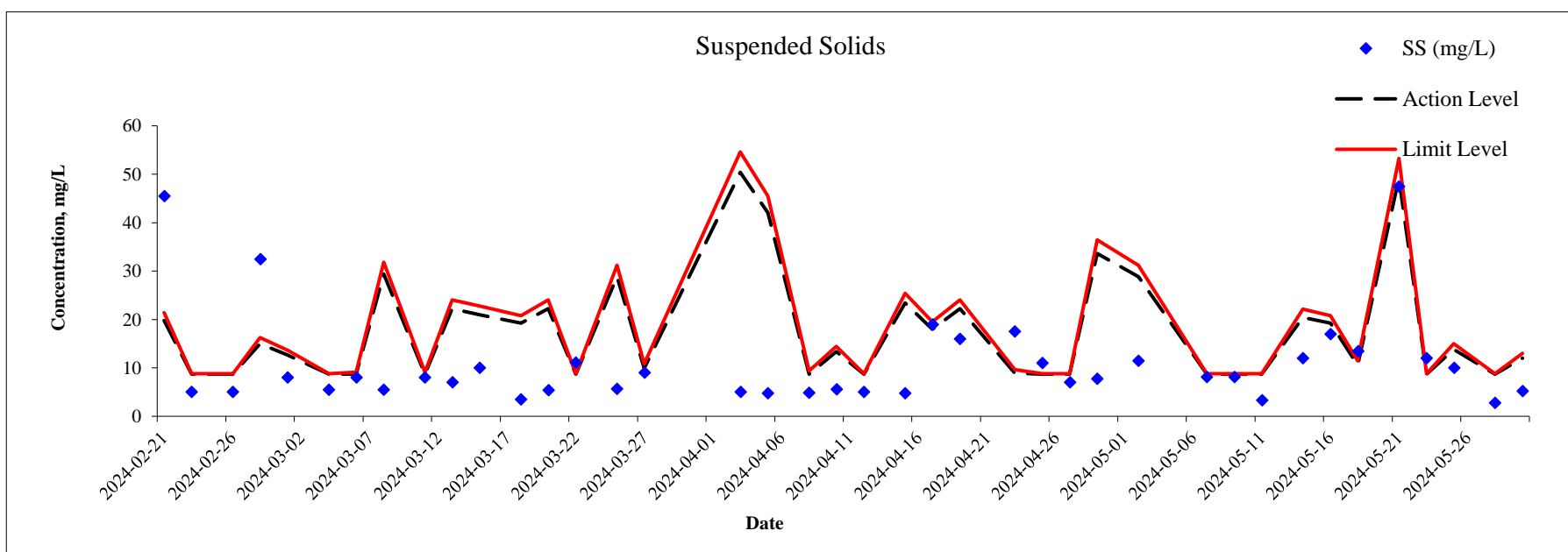
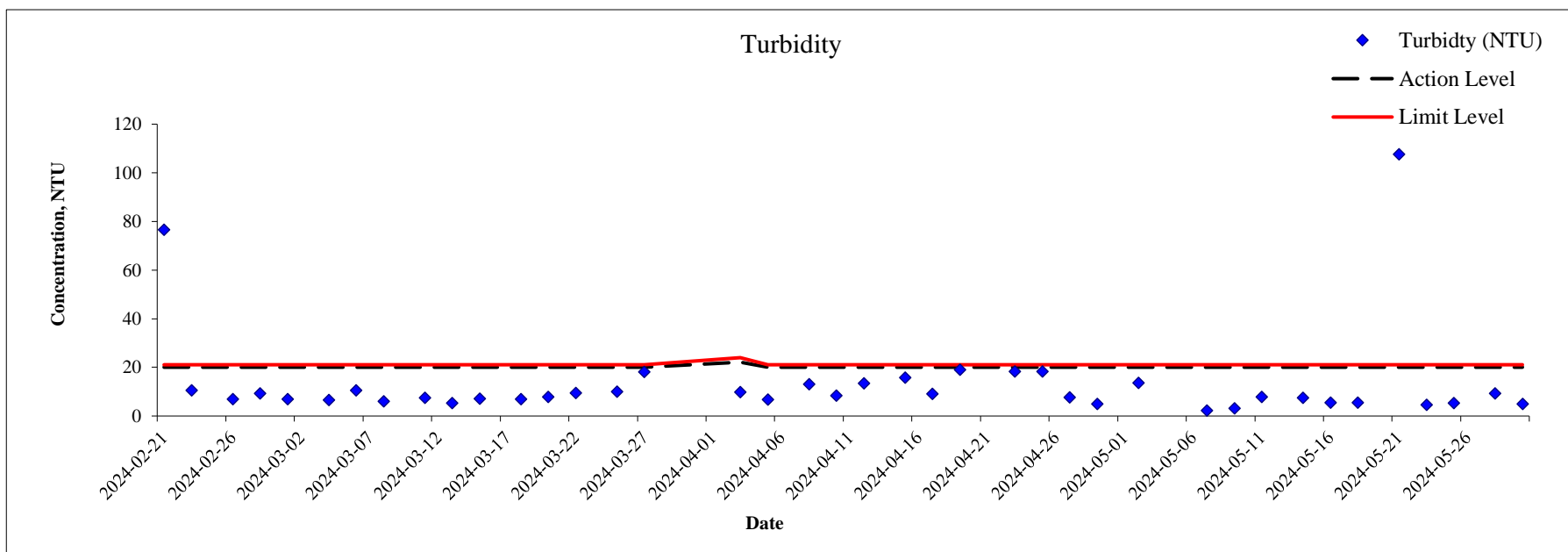
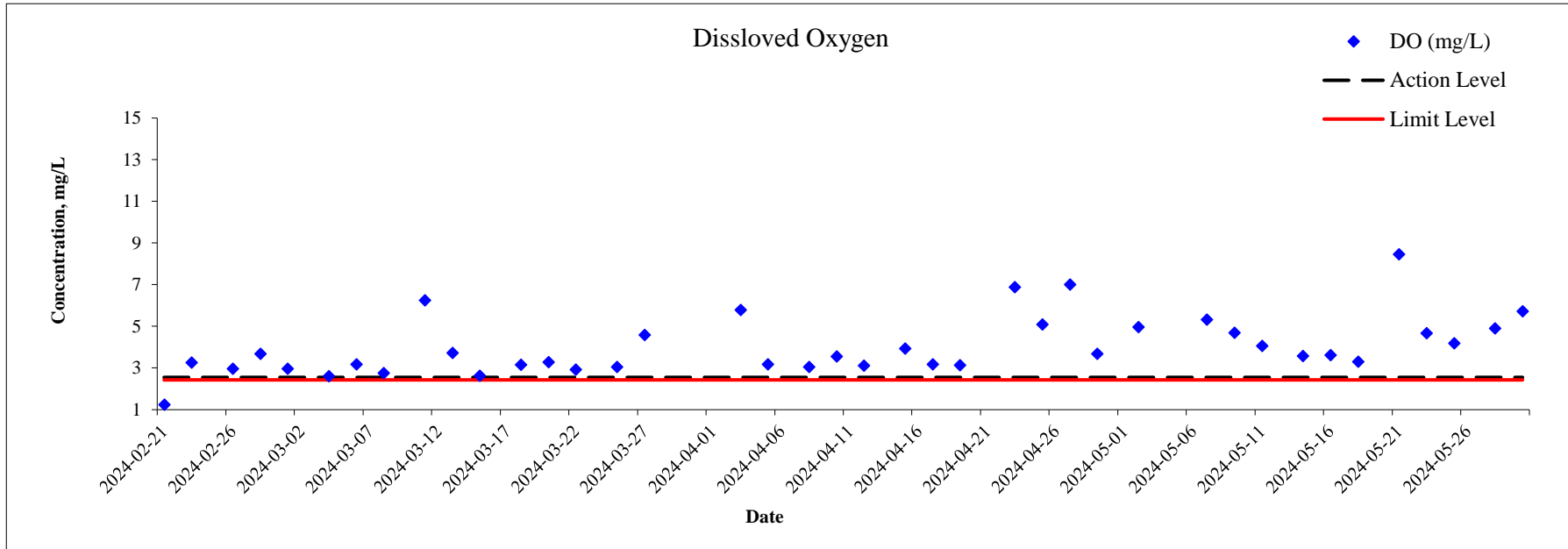
Contract No. DC/2022/02
 Drainage Improvement Works at Yuen Long -
 Sung Shan New Village, Tai Wo, Lin Fa Tei and Ha Che
 Water Quality Monitoring Result



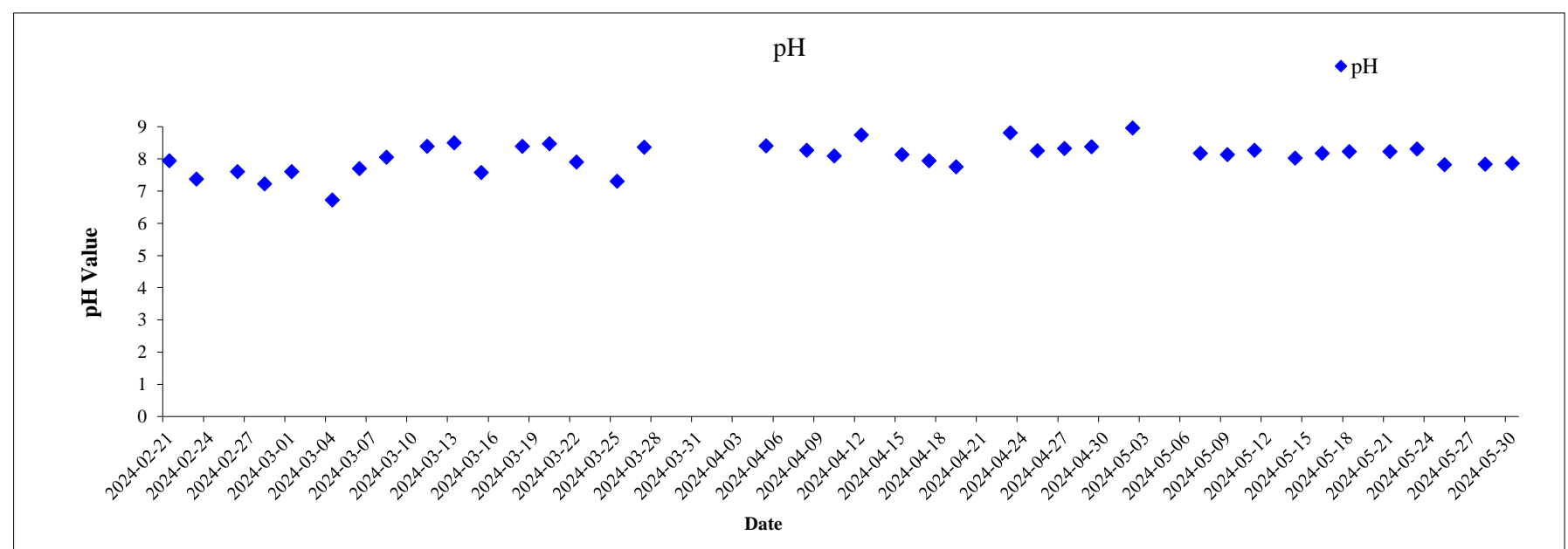
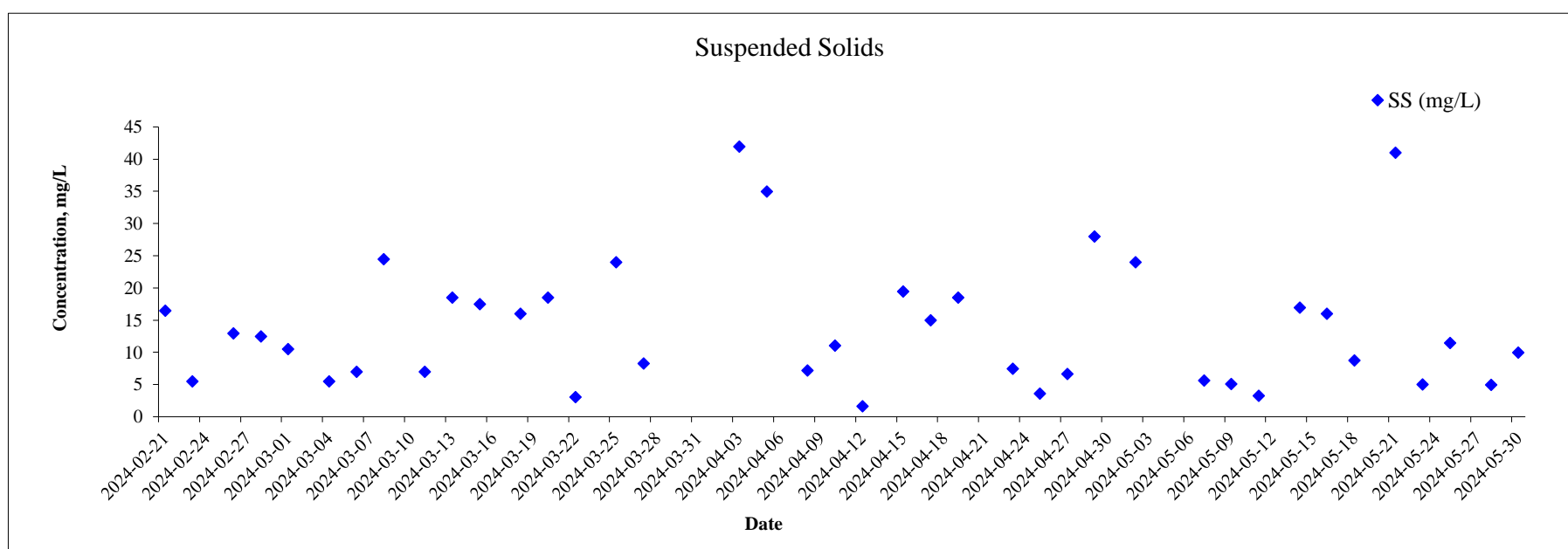
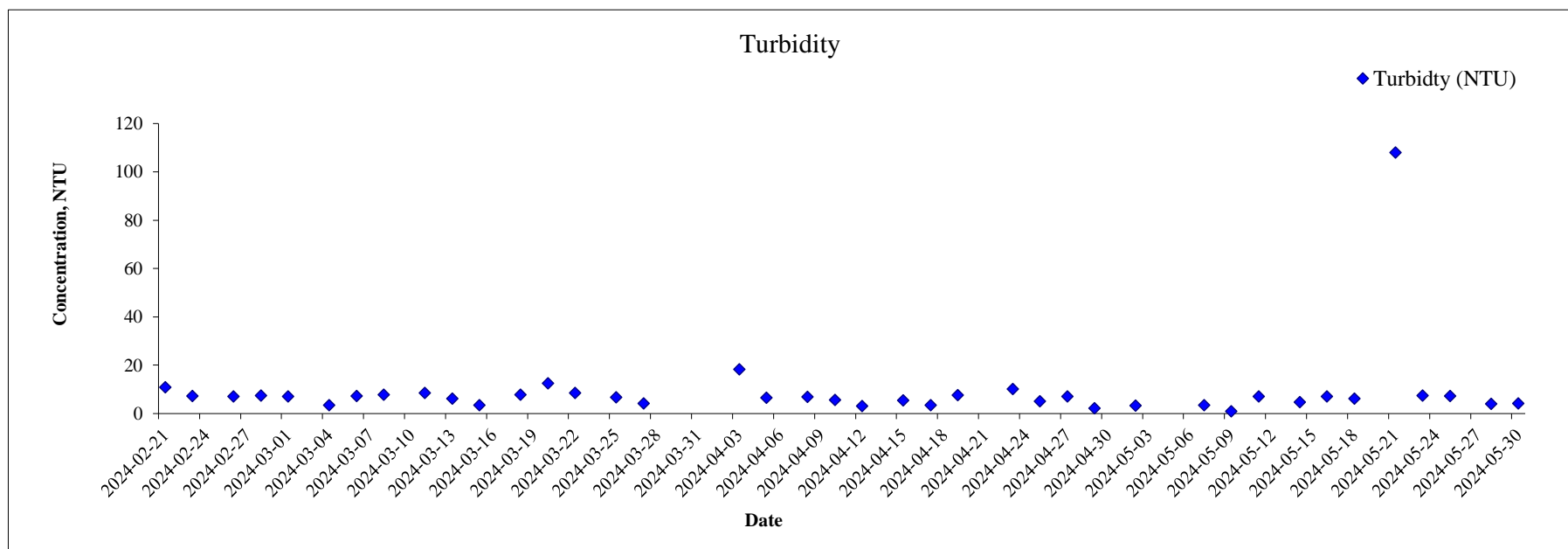
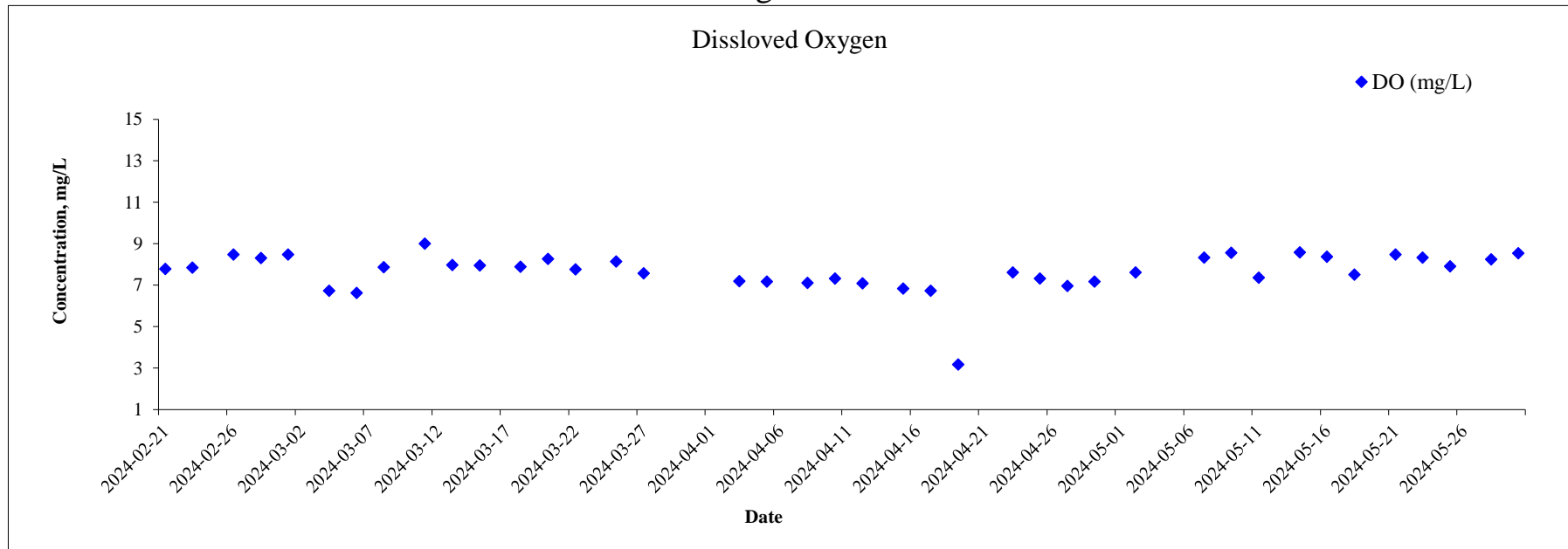
Water Quality Monitoring Location: C10

Location	Date	Weather	Time	DO (mg/L)	Do Saturation (%)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU)	SS (mg/L)	Remark
C10	20240502	Sunny	14:15	4.98	59.9	8.49	0.14	24.60	13.72	10	/
C10	20240502	Sunny	14:15	4.95	59.5	8.47	0.14	24.60	13.39	13	/
C10	20240507	Sunny	14:05	5.34	65.3	7.82	0.10	25.50	2.22	10	/
C10	20240507	Sunny	14:05	5.31	65.0	7.80	0.10	25.50	2.21	6	/
C10	20240509	Sunny	14:39	4.70	57.4	7.63	0.11	25.50	3.35	10	/
C10	20240509	Sunny	14:39	4.71	57.5	7.65	0.11	25.50	3.05	6	/
C10	20240511	Sunny	10:01	4.12	51.4	8.35	0.07	25.90	7.88	4	/
C10	20240511	Sunny	10:01	4.01	49.9	8.35	0.07	25.90	7.93	3	/
C10	20240514	Sunny	14:23	3.60	44.9	7.45	0.11	26.70	7.44	14	/
C10	20240514	Sunny	14:23	3.57	44.6	7.44	0.11	26.70	7.53	10	/
C10	20240516	Sunny	14:20	3.66	44.6	7.69	0.13	25.40	5.60	18	/
C10	20240516	Sunny	14:20	3.59	43.8	7.68	0.13	25.40	5.58	16	/
C10	20240518	Sunny	10:34	3.28	41.3	8.24	0.11	26.30	5.34	15	/
C10	20240518	Sunny	10:34	3.33	41.9	8.27	0.11	26.30	5.63	12	/
C10	20240521	Cloudy	13:43	8.48	101.0	8.37	0.06	24.20	106.51	47	/
C10	20240521	Cloudy	13:43	8.47	101.0	8.47	0.06	24.20	108.86	48	/
C10	20240523	Cloudy	14:26	4.69	57.4	7.86	0.11	25.60	4.68	10	/
C10	20240523	Cloudy	14:26	4.68	57.3	7.85	0.11	25.60	4.69	14	/
C10	20240525	Cloudy	11:50	4.21	51.4	7.81	0.12	24.60	5.23	10	/
C10	20240525	Cloudy	11:50	4.18	51.0	7.82	0.12	24.60	5.48	10	/
C10	20240528	Cloudy	14:53	4.91	60.7	7.56	0.10	26.10	9.78	3	/
C10	20240528	Cloudy	14:53	4.9	60.6	7.56	0.10	26.10	8.93	<2.5	/
C10	20240530	Cloudy	14:06	5.74	68.6	7.49	0.07	24.30	4.94	6	/
C10	20240530	Cloudy	14:07	5.72	68.4	7.47	0.07	24.30	4.93	4	/

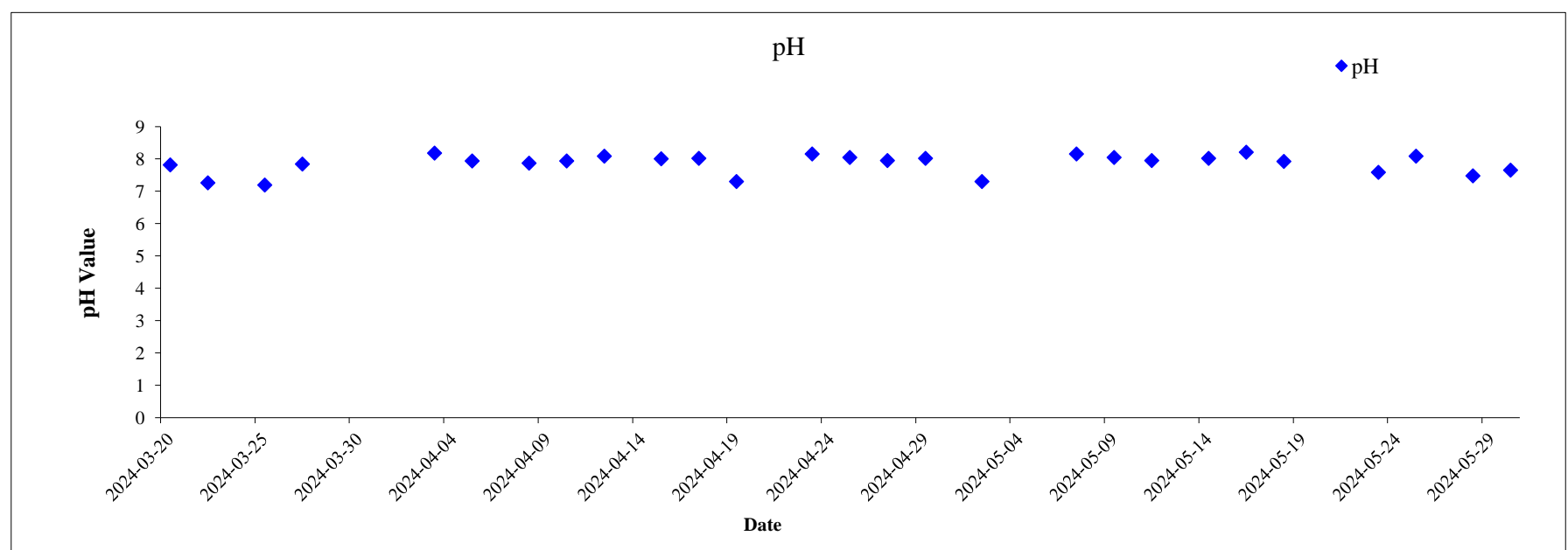
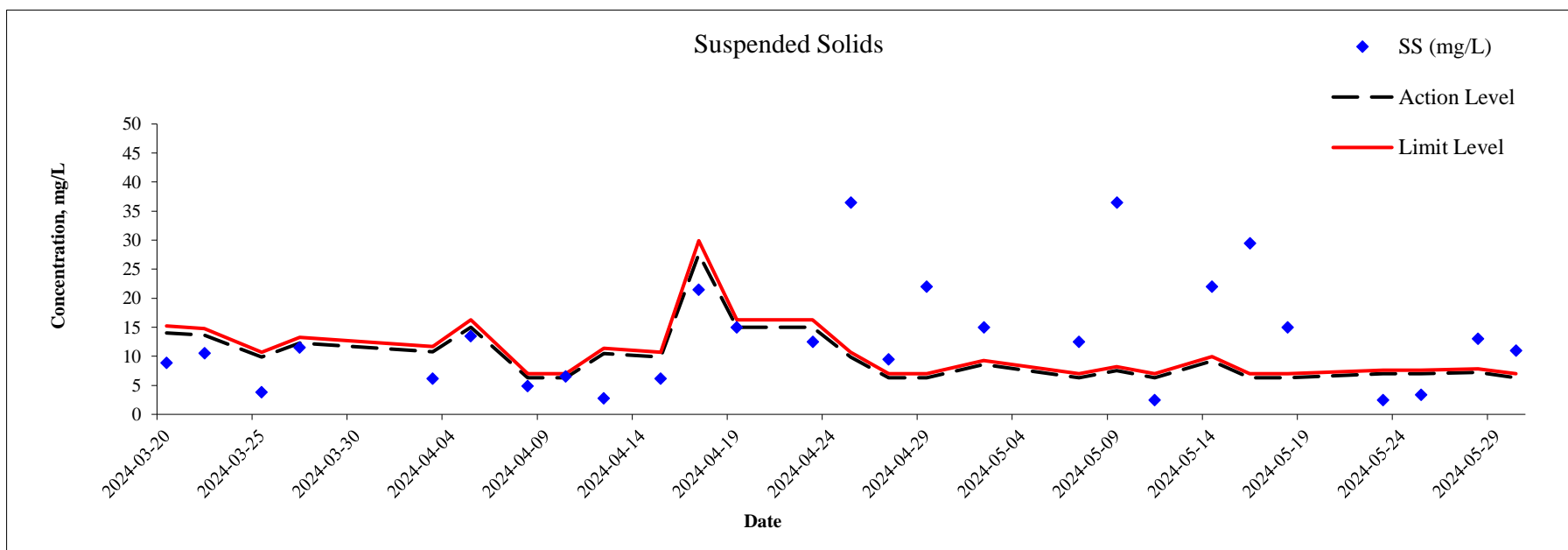
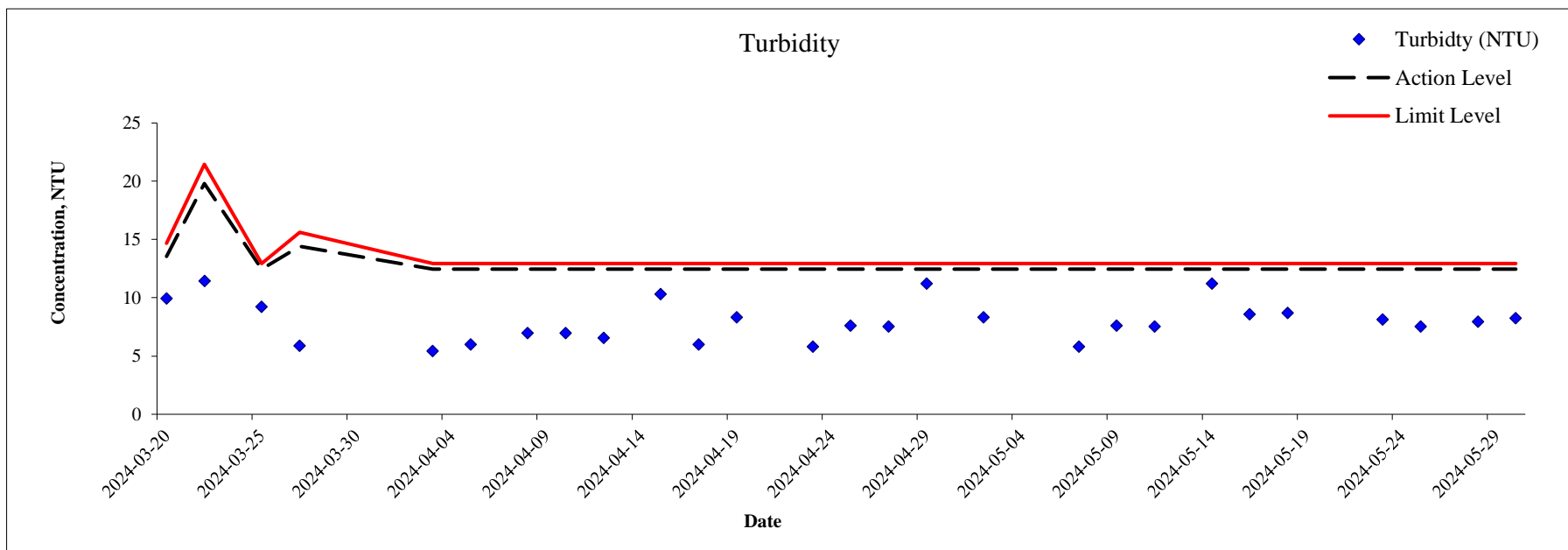
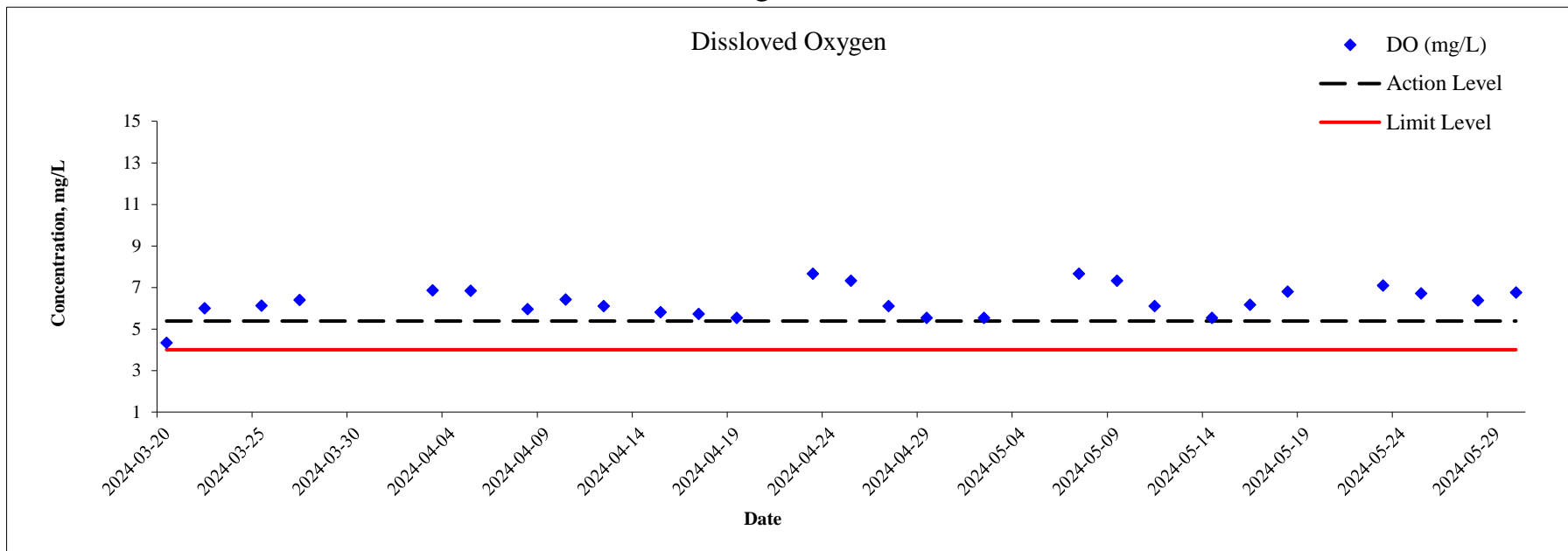
Monitoring Location: C10



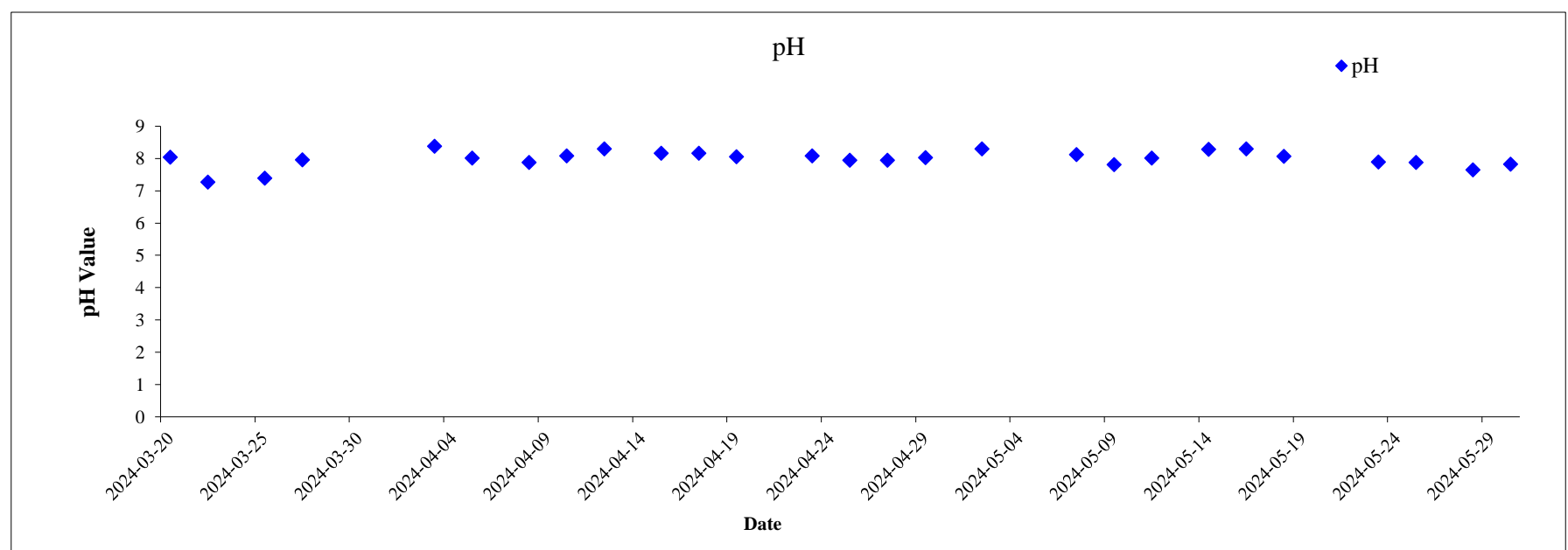
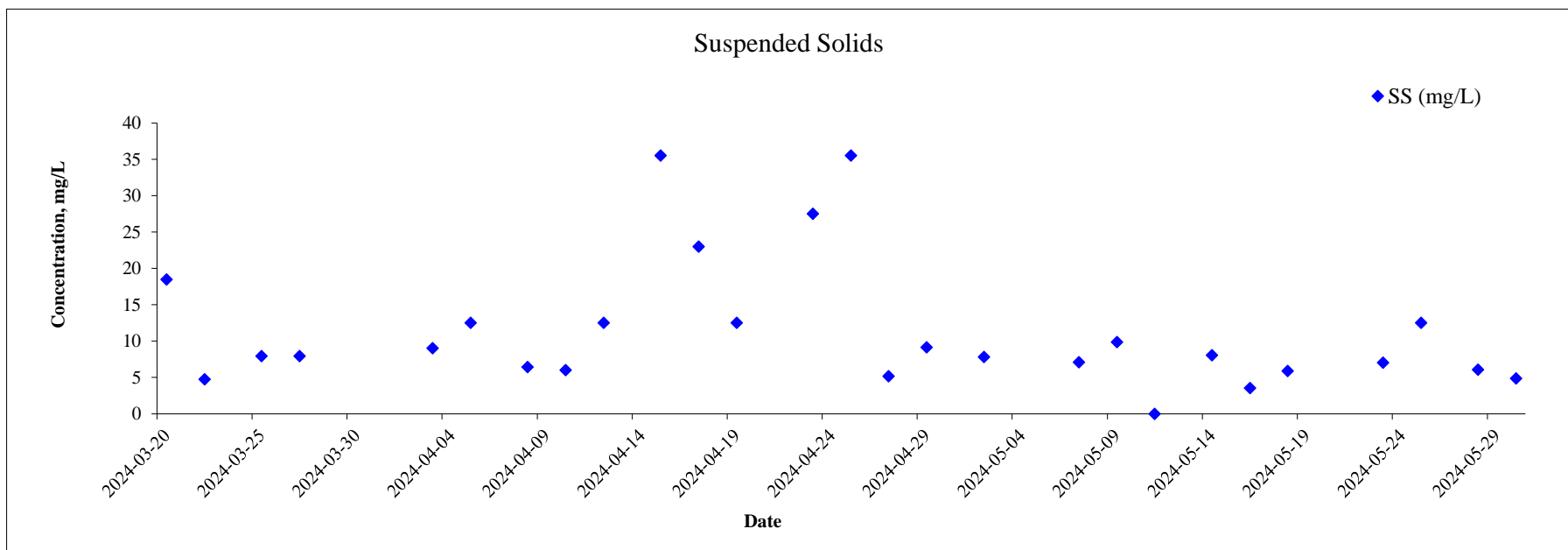
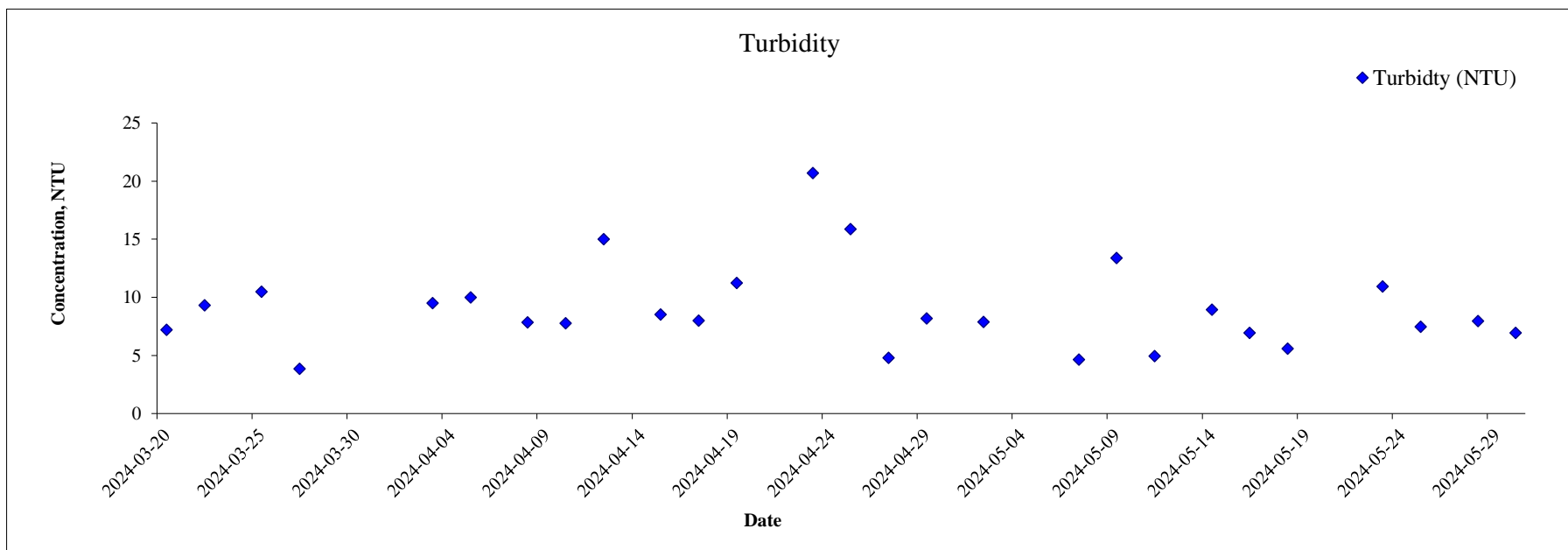
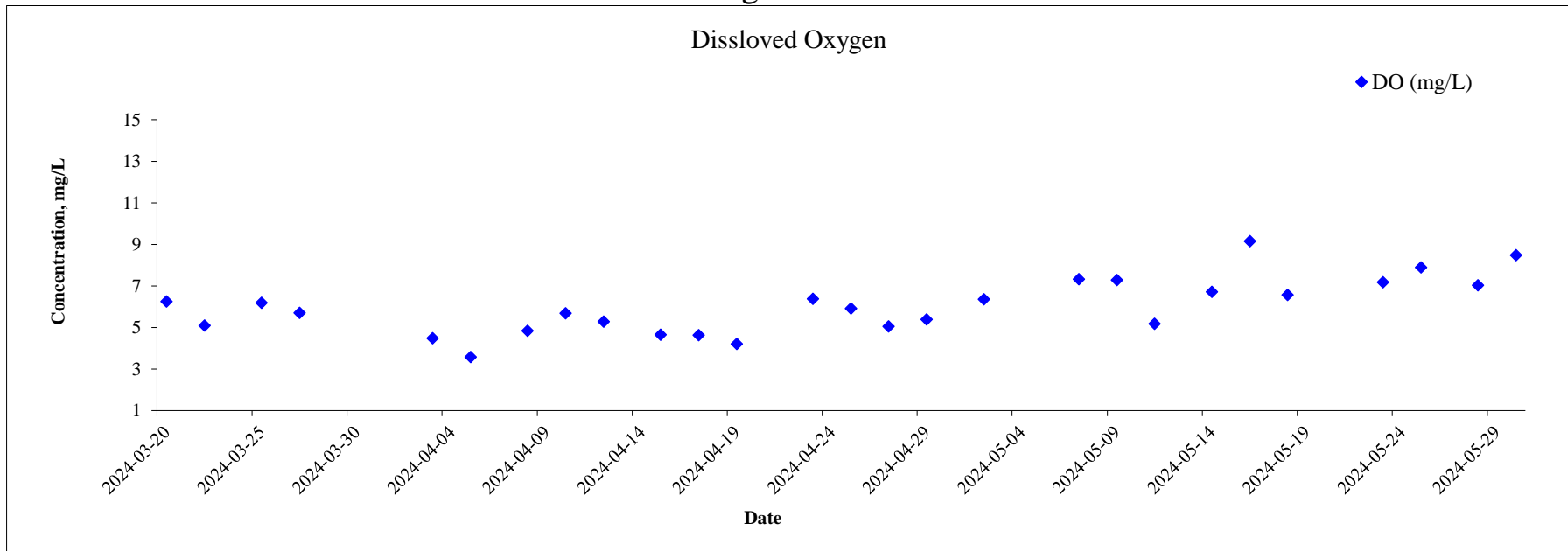
Monitoring Location: C9



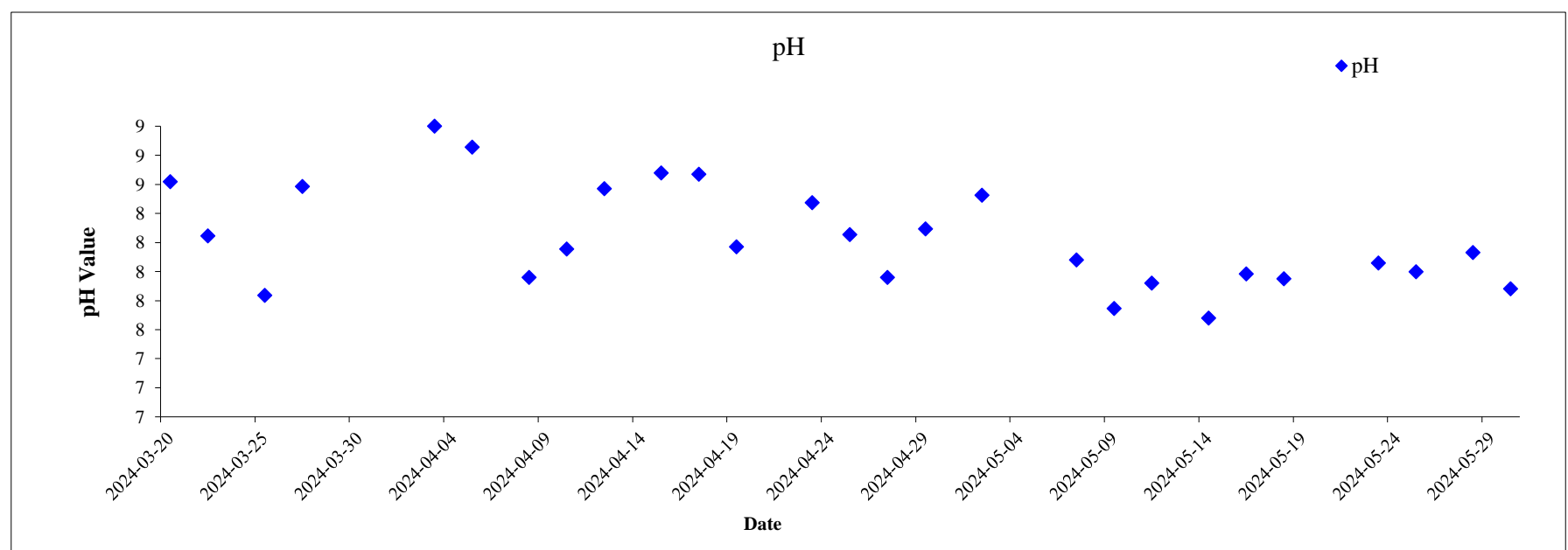
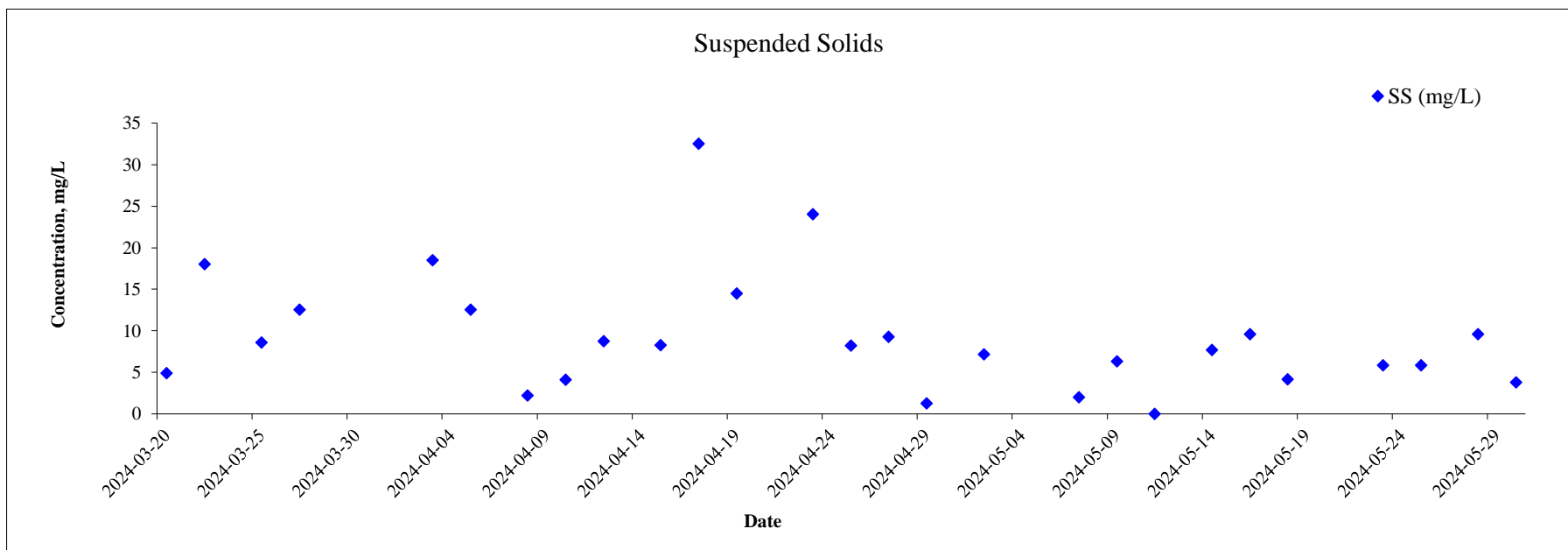
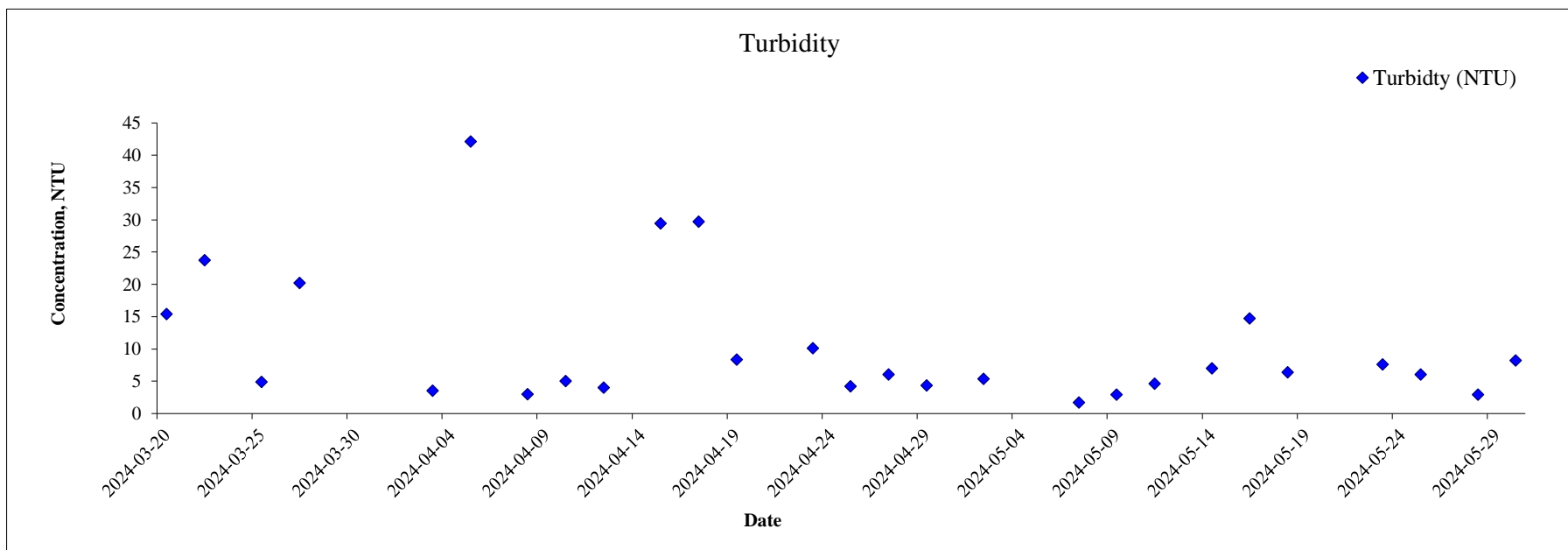
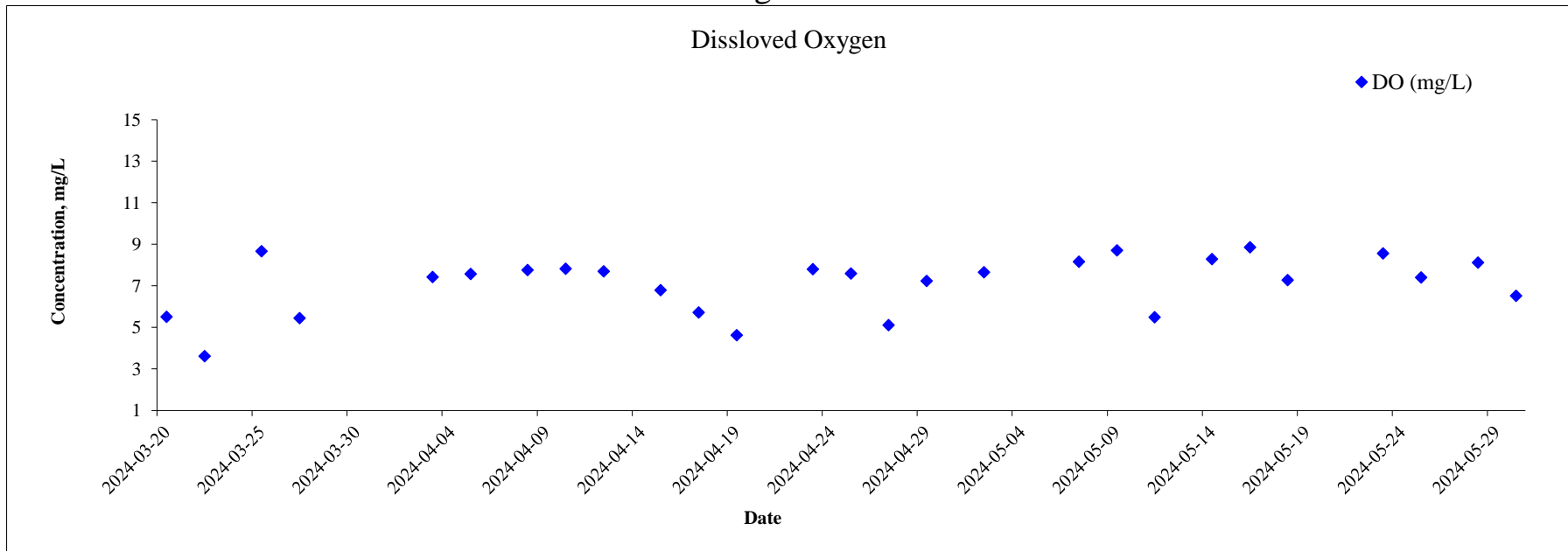
Monitoring Location: C8



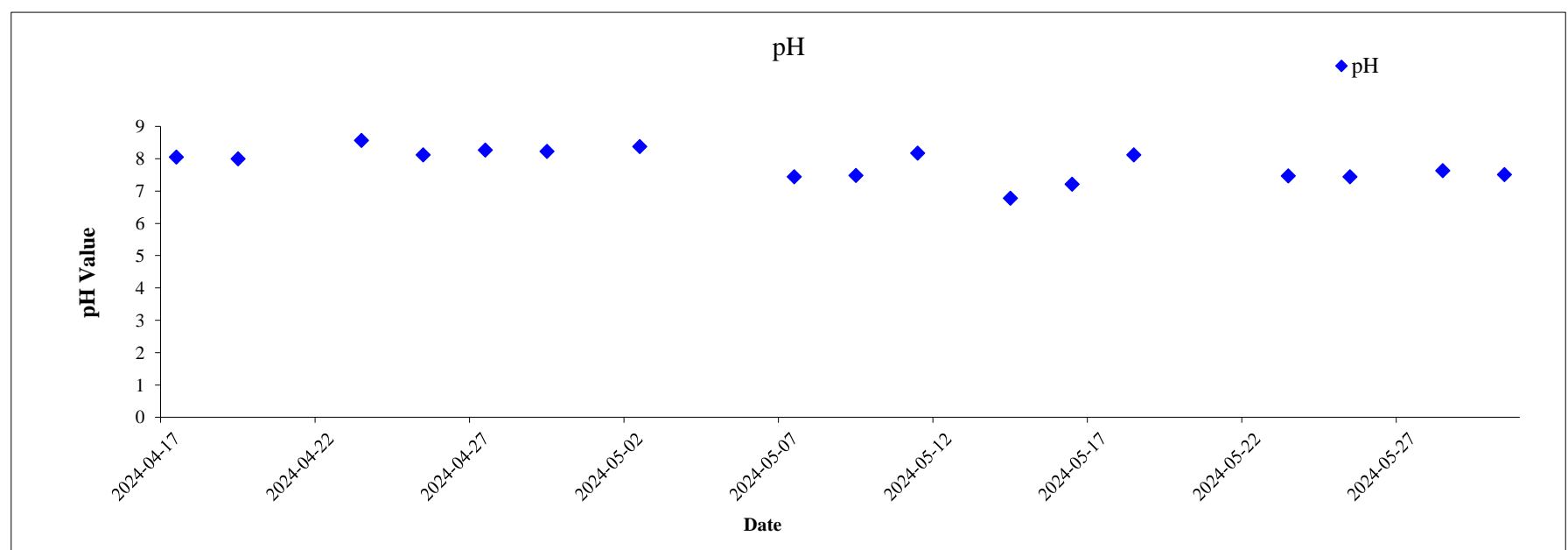
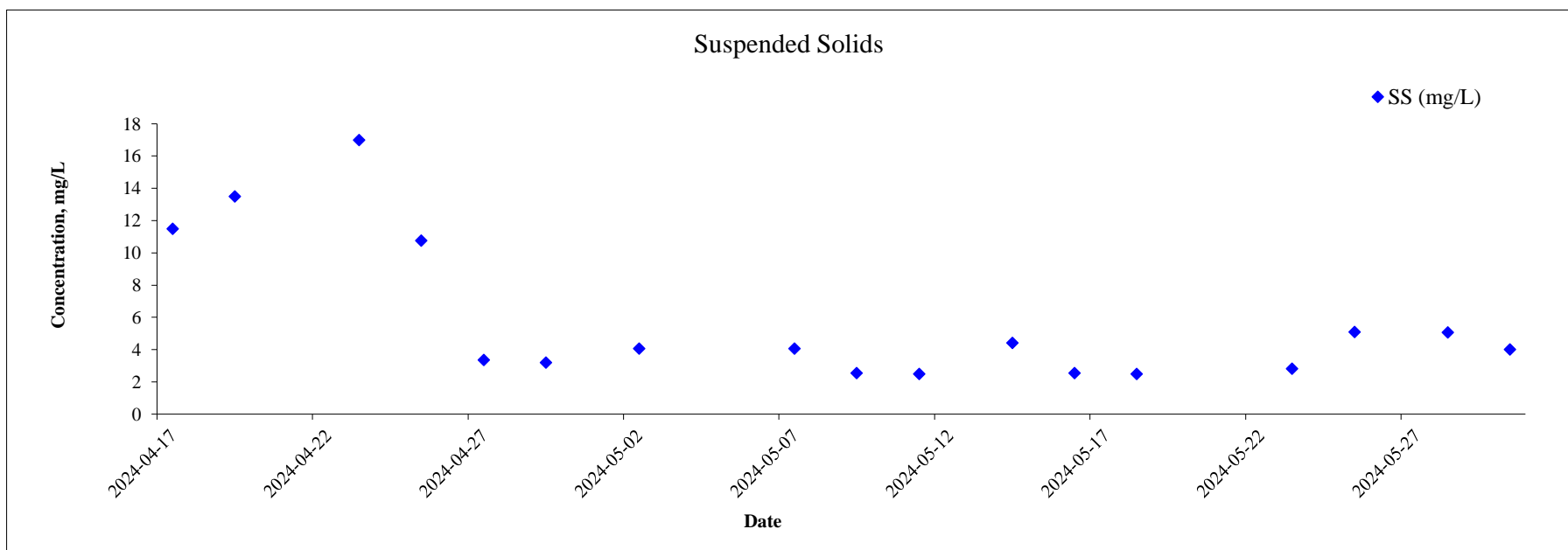
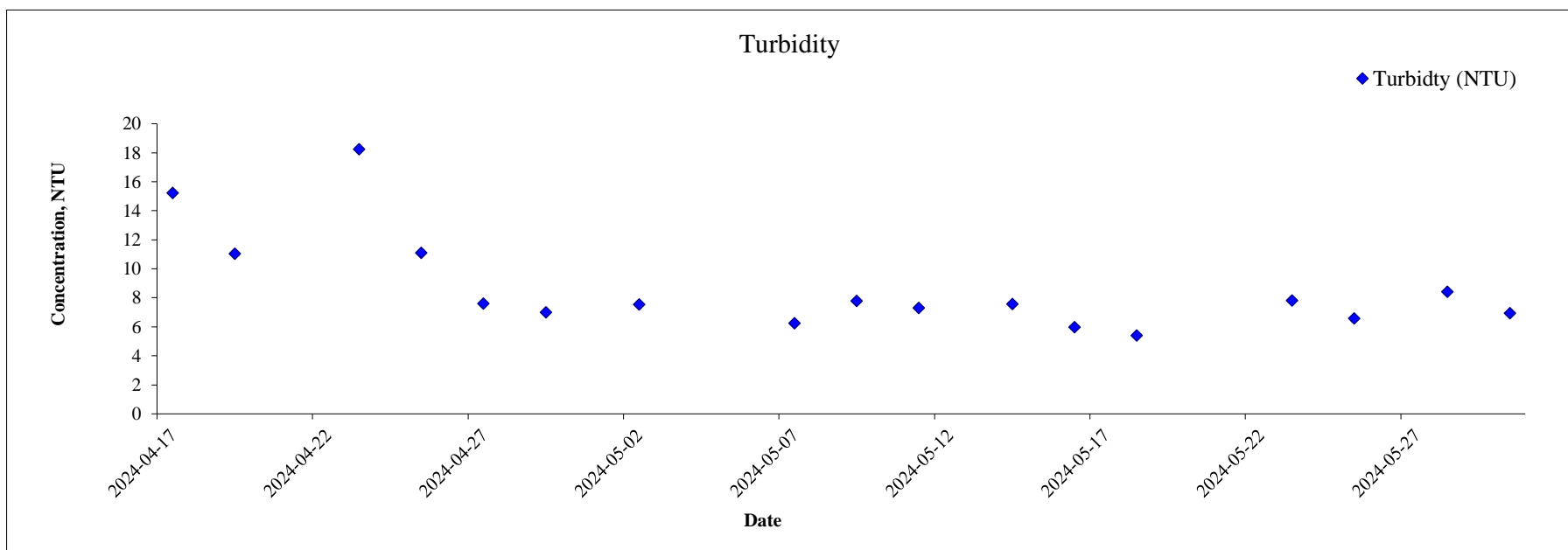
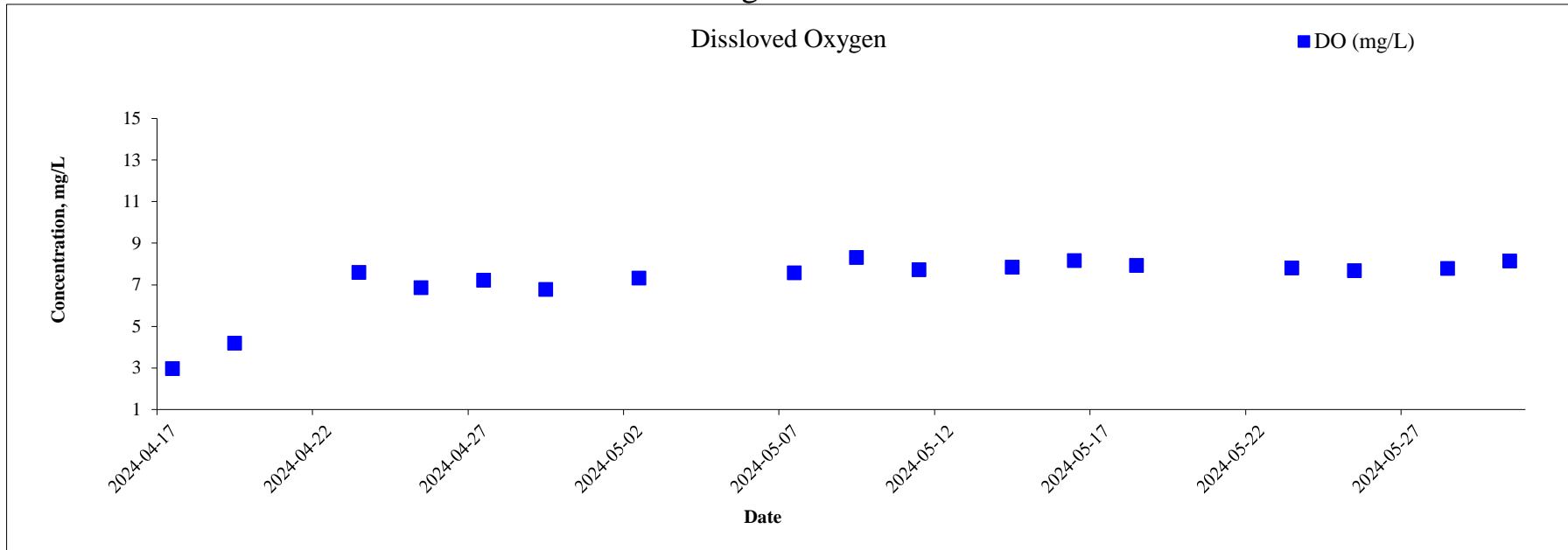
Monitoring Location: C7A



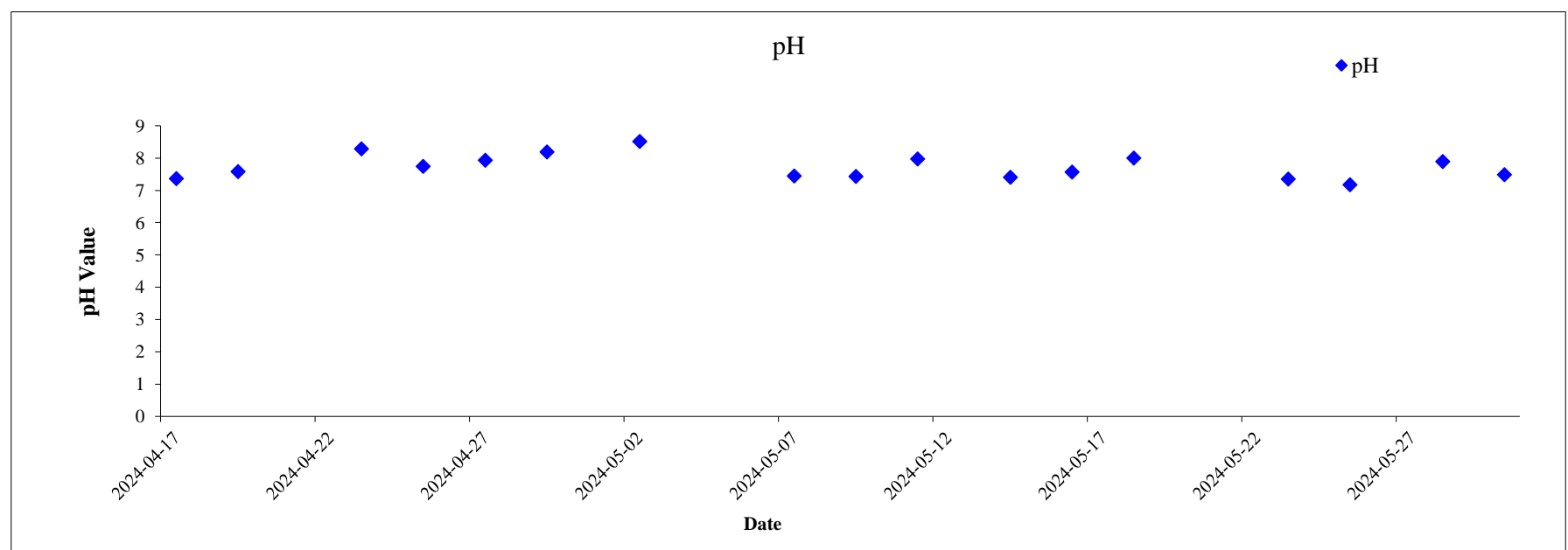
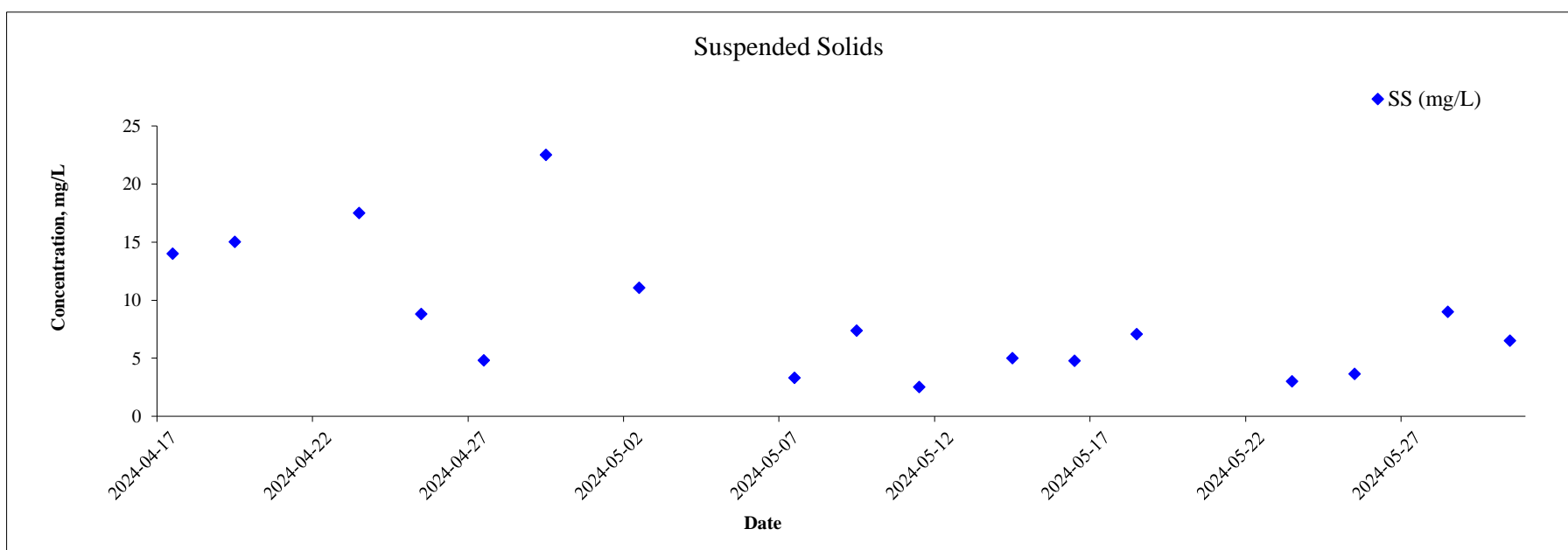
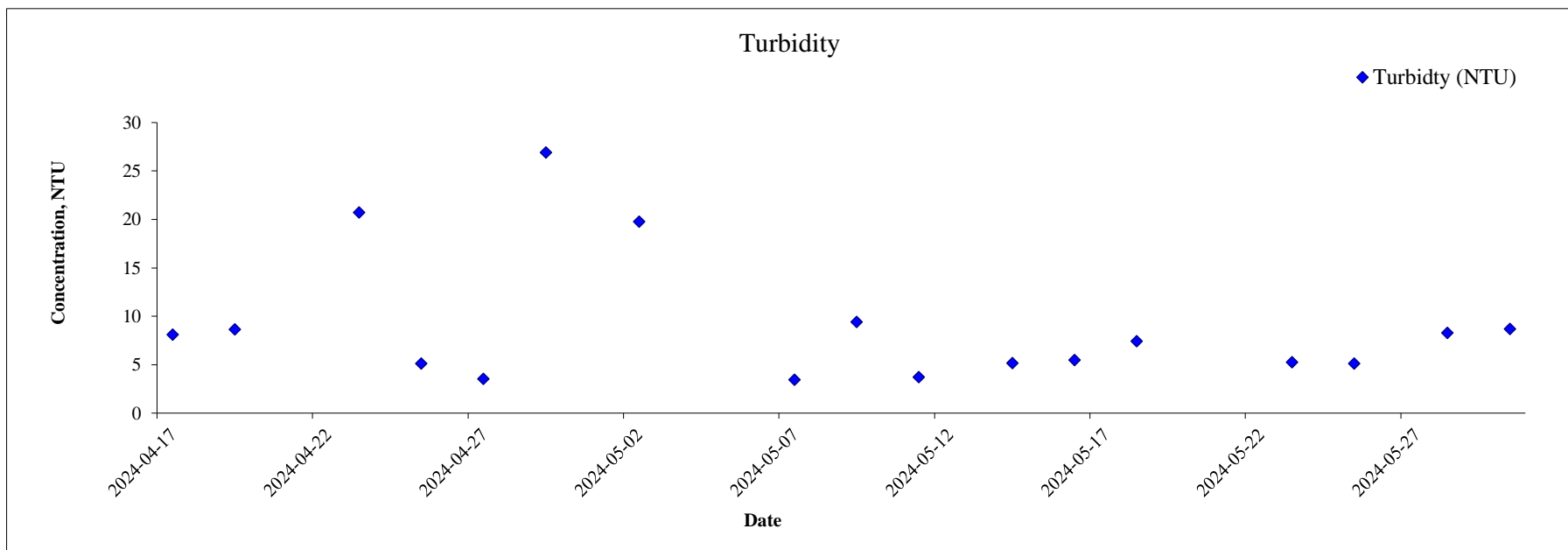
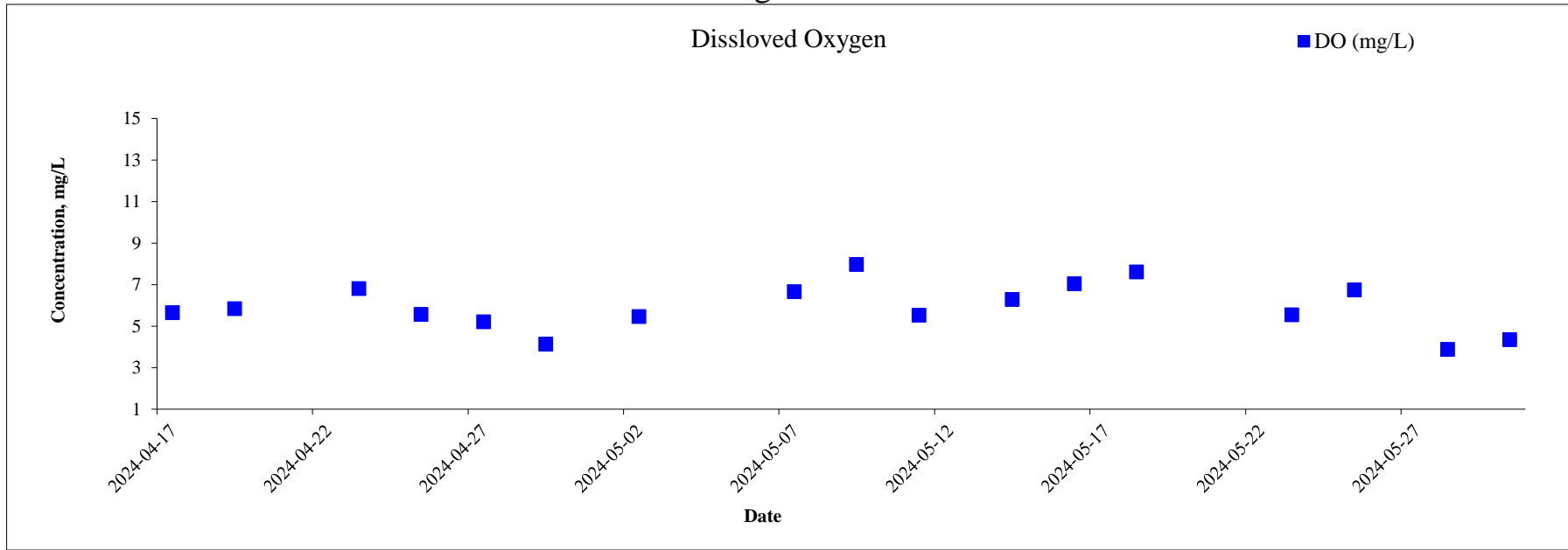
Monitoring Location: C6



Monitoring Location: C3A



Monitoring Location: C2



Monitoring Location: C1A

