

Appendix F

Water Quality Monitoring Results and Graphical Presentation

Water Quality Monitoring Location : TKWI

Date	Start Time	Weather	Water depth (cm)	Temperature (°C)		pH		DO (mg/L)		DO (%)		Turbidity (NTU)		Suspended Solids (mg/L)	
				Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
04 June 2024	17:45	Cloudy	8	25.2	25.2	7.7	7.7	8.5	8.5	103.5	103.6	18.1	18.1	12.0	12.0
				25.2		7.7		8.5		103.6		18.0		12.0	
06 June 2024	9:35	Cloudy	13	24.9	24.9	7.7	7.7	8.7	8.7	105.1	105.2	13.2	13.2	8.1	8.2
				24.9		7.7		8.7		105.2		13.2		8.3	
08 June 2024	16:01	Cloudy	9	26.4	26.4	7.6	7.6	8.0	8.0	99.2	99.2	7.8	7.9	5.8	6.0
				26.4		7.6		8.0		99.2		7.9		6.1	
11 June 2024	17:45	Cloudy	9	26.0	26.0	7.6	7.6	8.0	8.0	98.9	99.0	6.6	6.6	5.7	5.7
				26.0		7.6		8.0		99.1		6.6		5.6	
13 June 2024	17:45	Sunny	12	27.5	27.5	7.7	7.7	7.9	7.9	100.0	100.0	7.7	7.7	3.0	2.9
				27.5		7.7		7.9		99.9		7.7		2.7	
15 June 2024	16:10	Sunny	13	27.5	27.5	7.7	7.7	7.9	7.9	99.9	100.0	7.1	7.1	1.8	1.8
				27.5		7.7		7.9		100.0		7.1		1.8	
18 June 2024	10:40	Sunny	13	29.1	29.2	7.7	7.7	7.8	7.8	102.0	102.0	8.3	8.3	9.3	9.5
				29.2		7.7		7.8		102.0		8.2		9.6	
20 June 2024	11:47	Sunny	13	27.6	27.6	7.7	7.7	7.3	7.3	92.8	92.9	13.7	13.7	5.7	5.8
				27.6		7.7		7.3		93.0		13.7		5.9	
22 June 2024	16:36	Cloudy	13	28.4	28.4	7.8	7.8	6.7	6.7	85.7	86.1	5.0	5.0	7.3	7.1
				28.4		7.8		6.7		86.4		4.9		6.9	
24 June 2024	17:30	Cloudy	10	28.2	28.2	7.6	7.6	7.6	7.6	97.6	97.7	3.8	3.8	2.7	2.8
				28.2		7.6		7.6		97.7		3.8		2.8	
26 June 2024	18:11	Cloudy	10	28.0	28.0	7.6	7.6	8.1	8.1	103.5	103.1	3.2	3.2	2.9	3.0
				28.0		7.6		8.0		102.7		3.1		3.0	
29 June 2024	13:51	Cloudy	14	26.1	26.2	7.8	7.8	8.6	8.6	106.1	106.2	3.2	3.2	2.7	2.9
				26.2		7.8		8.6		106.2		3.2		3.0	

Water Quality Monitoring Location : TKW

Date	Start Time	Weather	Water depth (cm)	Temperature (°C)		pH		DO (mg/L)		DO (%)		Turbidity (NTU)		Suspended Solids (mg/L)	
				Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
04 June 2024	17:47	Cloudy	11	25.2	25.2	7.8	7.8	8.8	8.8	106.7	106.7	12.6	12.6	10.0	10.5
				25.2		7.8		8.8		106.7		12.6		11.0	
06 June 2024	9:40	Cloudy	14	25.2	25.2	7.7	7.7	8.5	8.5	103.6	103.7	14.7	14.8	12.0	12.0
				25.2		7.7		8.5		103.7		14.8		12.0	
08 June 2024	16:03	Cloudy	1	26.3	26.3	7.7	7.7	8.0	8.0	99.1	99.3	10.2	10.2	5.3	5.4
				26.3		7.7		8.0		99.4		10.1		5.5	
11 June 2024	17:55	Cloudy	10	26.0	26.0	7.6	7.6	8.0	8.0	98.9	99.0	6.6	6.6	4.4	4.4
				26.0		7.6		8.0		99.1		6.6		4.4	
13 June 2024	17:47	Sunny	12	27.5	27.5	7.7	7.7	7.9	7.9	99.7	99.8	7.3	7.3	2.6	2.7
				27.5		7.7		7.9		99.8		7.2		2.7	
15 June 2024	16:16	Sunny	17	27.5	27.5	7.7	7.7	7.9	7.9	99.7	99.8	7.3	7.3	1.7	1.7
				27.5		7.7		7.9		99.8		7.2		1.6	
18 June 2024	10:43	Sunny	11	29.0	29.0	7.7	7.7	7.9	7.9	102.6	103.0	11.2	11.2	10.0	10.0
				29.0		7.7		7.9		103.3		11.2		10.0	
20 June 2024	11:52	Sunny	12	27.5	27.5	7.7	7.7	7.4	7.4	93.9	93.8	11.7	11.7	6.6	6.6
				27.5		7.7		7.4		93.7		11.7		6.6	
22 June 2024	16:41	Cloudy	12	28.0	28.0	7.8	7.8	6.9	6.9	88.3	88.2	3.7	3.7	3.8	3.8
				28.0		7.8		6.9		88.0		3.7		3.7	
24 June 2024	17:31	Cloudy	14	28.2	28.2	7.7	7.7	7.5	7.5	96.7	96.7	4.9	4.9	2.8	2.9
				28.2		7.7		7.5		96.6		4.9		3.0	
26 June 2024	18:12	Cloudy	17	27.9	27.9	7.6	7.6	7.8	7.8	100.0	100.1	3.1	3.1	2.4	2.6
				27.9		7.6		7.8		100.1		3.1		2.7	
29 June 2024	13:53	Cloudy	13	26.5	26.5	7.7	7.8	8.4	8.5	104.7	105.3	3.3	3.3	2.1	2.2
				26.5		7.8		8.5		105.8		3.2		2.3	

Water Quality Monitoring Location : UI

Date	Start Time	Weather	Water depth (cm)	Temperature (°C)		pH		DO (mg/L)		DO (%)		Turbidity (NTU)		Suspended Solids (mg/L)	
				Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
04 June 2024	17:11	Cloudy	2	24.4	24.4	7.6	7.6	7.9	8.0	95.0	95.2	5.9	6.0	3.0	3.2
				24.4		7.6		8.0		95.3		6.0		3.3	
06 June 2024	9:03	Cloudy	5	24.5	24.5	7.1	7.1	8.1	8.1	96.7	96.7	7.1	7.1	4.4	4.5
				24.5		7.1		8.1		96.7		7.1		4.6	
08 June 2024	15:20	Cloudy	5	27.2	27.2	7.1	7.1	8.2	8.2	103.4	103.5	7.9	7.9	4.5	4.6
				27.2		7.1		8.2		103.5		7.9		4.7	
11 June 2024	17:02	Cloudy	3	26.7	26.7	7.3	7.3	8.0	8.0	100.2	100.3	4.8	4.9	4.9	4.7
				26.6		7.3		8.0		100.3		4.9		4.5	
13 June 2024	17:25	Sunny	3	27.5	27.5	7.7	7.7	7.3	7.3	92.8	92.8	6.2	6.2	2.7	2.6
				27.5		7.7		7.3		92.8		6.2		2.5	
15 June 2024	15:36	Sunny	3	27.5	27.5	7.7	7.7	7.3	7.3	92.8	92.8	6.2	6.2	0.6	0.6
				27.5		7.7		7.3		92.8		6.2		0.6	
18 June 2024	11:40	Sunny	3	28.4	28.4	7.4	7.4	6.5	6.6	83.7	84.1	7.6	7.6	2.3	2.4
				28.4		7.4		6.6		84.4		7.6		2.5	
20 June 2024	12:40	Sunny	4	28.0	28.0	7.4	7.4	8.1	8.1	103.6	103.7	7.9	7.9	3.9	4.1
				28.0		7.4		8.1		103.7		7.9		4.2	
22 June 2024	16:13	Cloudy	5	28.3	28.3	7.9	7.9	8.3	8.3	106.0	106.0	1.5	1.5	1.5	1.6
				28.3		7.9		8.3		106.0		1.5		1.6	
24 June 2024	17:46	Cloudy	5	27.7	27.7	8.0	8.0	8.9	8.9	113.1	113.1	1.4	1.4	2.1	2.2
				27.7		8.0		8.9		113.0		1.4		2.3	
26 June 2024	18:40	Cloudy	4	27.8	27.8	7.8	7.8	8.6	8.6	109.9	110.0	3.6	3.7	1.0	1.0
				27.8		7.8		8.6		110.1		3.7		1.0	
29 June 2024	13:22	Cloudy	5	27.5	27.5	7.8	7.8	8.3	8.3	105.0	105.0	2.4	2.4	1.0	1.0
				27.5		7.8		8.3		105.0		2.4		1.0	

Water Quality Monitoring Location : SW

Date	Start Time	Weather	Water depth (cm)	Temperature (°C)		pH		DO (mg/L)		DO (%)		Turbidity (NTU)		Suspended Solids (mg/L)	
				Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
04 June 2024	17:32	Cloudy	6	25.0	25.0	7.7	7.7	8.4	8.4	101.7	101.6	5.1	5.2	7.3	7.3
				25.0		7.7		8.4		101.5		5.2		7.3	
06 June 2024	9:19	Cloudy	8	24.9	24.9	7.7	7.7	8.7	8.7	105.0	105.0	5.4	5.4	4.3	4.5
				24.9		7.7		8.7		105.0		5.4		4.6	
08 June 2024	15:45	Cloudy	9	27.0	27.0	7.5	7.5	7.8	7.8	98.2	98.3	6.7	6.7	4.4	4.5
				27.0		7.5		7.8		98.3		6.7		4.5	
11 June 2024	17:29	Cloudy	9	26.0	26.0	7.7	7.7	8.4	8.4	103.2	103.3	3.2	3.2	5.7	5.9
				26.0		7.7		8.4		103.4		3.2		6.0	
13 June 2024	17:37	Sunny	9	27.5	27.5	7.7	7.7	8.1	8.1	102.1	102.2	9.7	9.7	9.6	9.5
				27.5		7.7		8.1		102.2		9.7		9.4	
15 June 2024	15:52	Sunny	6	27.5	27.5	7.7	7.7	8.1	8.1	102.1	102.2	9.7	9.7	2.7	2.8
				27.5		7.7		8.1		102.2		9.7		2.9	
18 June 2024	11:00	Sunny	9	28.5	28.5	7.4	7.4	6.2	6.2	79.7	80.0	5.6	5.6	3.8	3.7
				28.5		7.4		6.2		80.3		5.6		3.6	
20 June 2024	11:38	Sunny	9	27.2	27.2	7.6	7.6	7.1	7.1	89.6	89.6	5.0	5.0	4.2	4.3
				27.2		7.6		7.1		89.5		5.0		4.4	
22 June 2024	16:24	Cloudy	7	28.4	28.4	7.8	7.8	8.1	8.2	104.7	105.0	4.6	4.6	9.7	9.5
				28.4		7.8		8.2		105.2		4.5		9.2	
24 June 2024	17:14	Cloudy	7	28.2	28.2	7.7	7.7	8.4	8.4	108.2	108.0	7.2	7.3	8.2	8.4
				28.2		7.7		8.4		107.8		7.3		8.5	
26 June 2024	18:35	Cloudy	8	27.5	27.5	7.8	7.8	9.1	9.1	115.1	115.2	5.9	6.0	8.9	8.8
				27.5		7.8		9.1		115.2		6.0		8.7	
29 June 2024	13:44	Cloudy	5	26.5	26.5	7.7	7.7	8.5	8.5	106.0	106.0	3.3	3.3	7.0	6.9
				26.5		7.7		8.5		106.0		3.2		6.7	

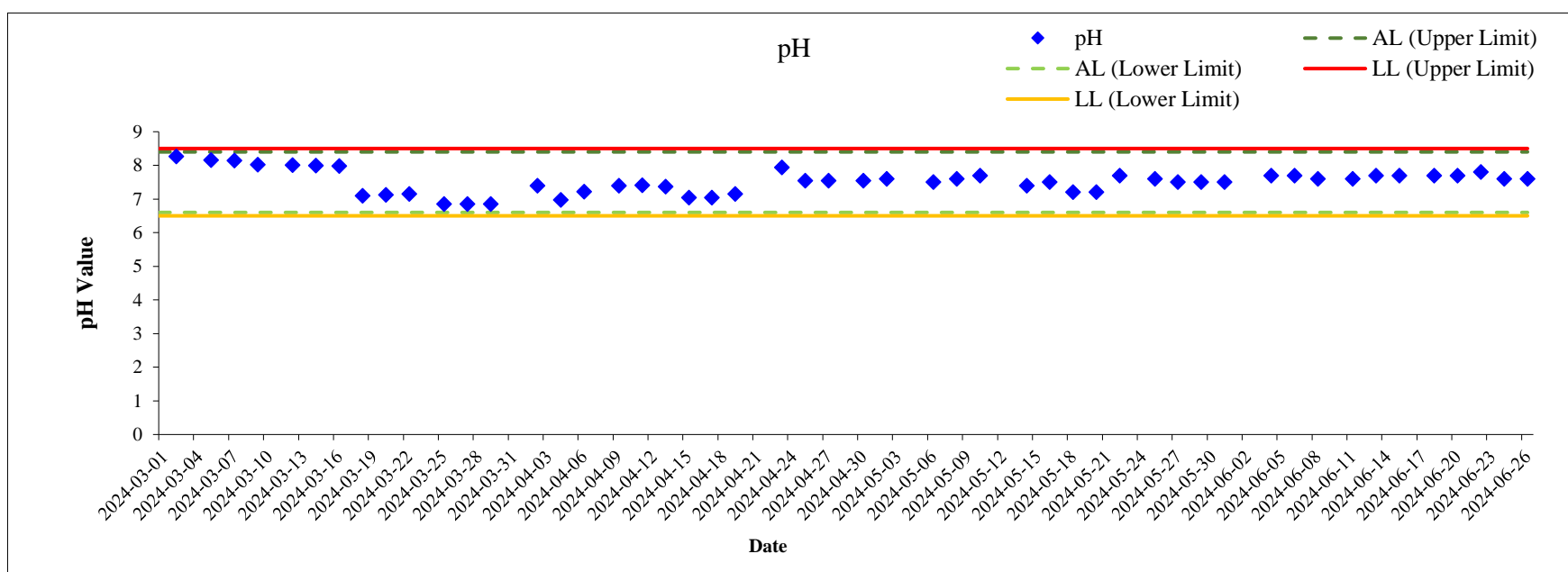
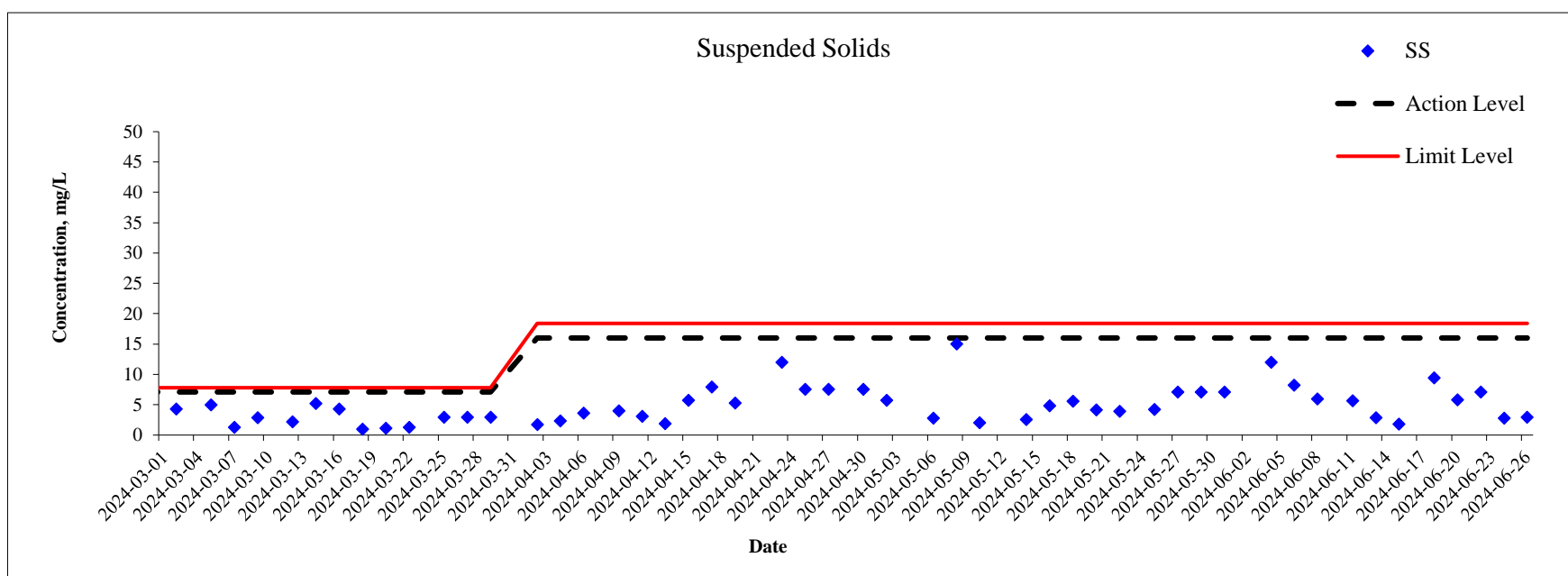
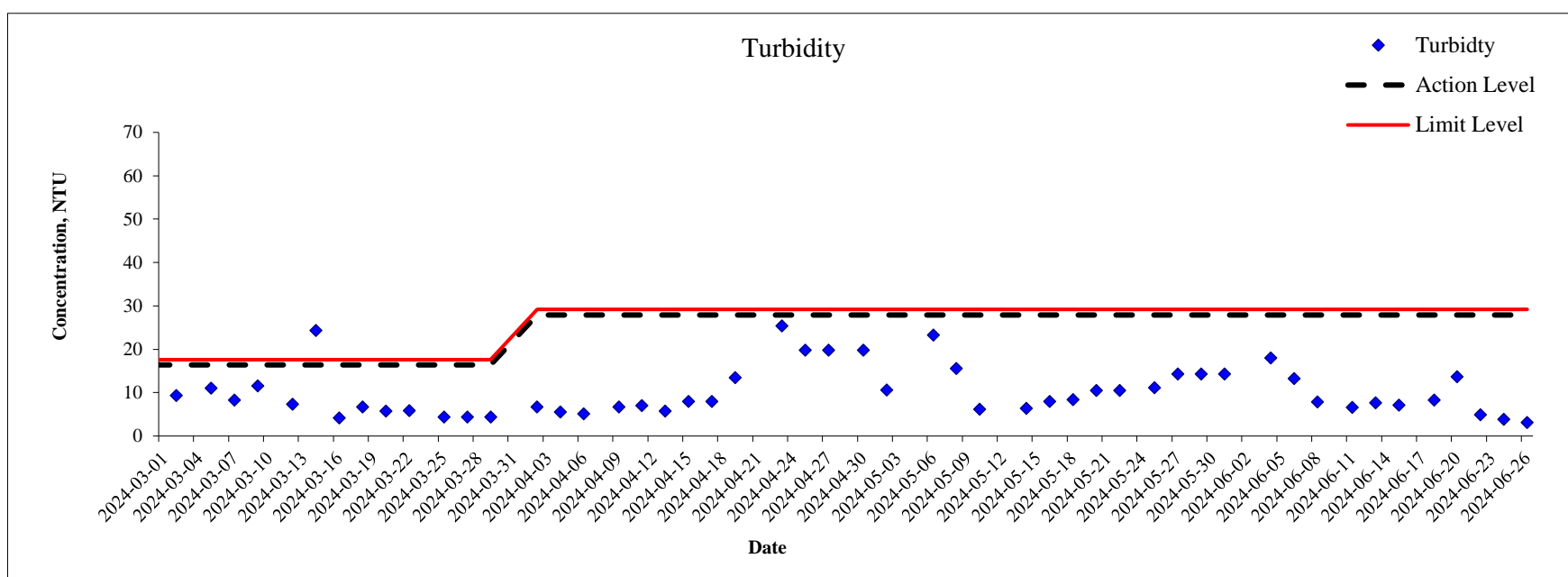
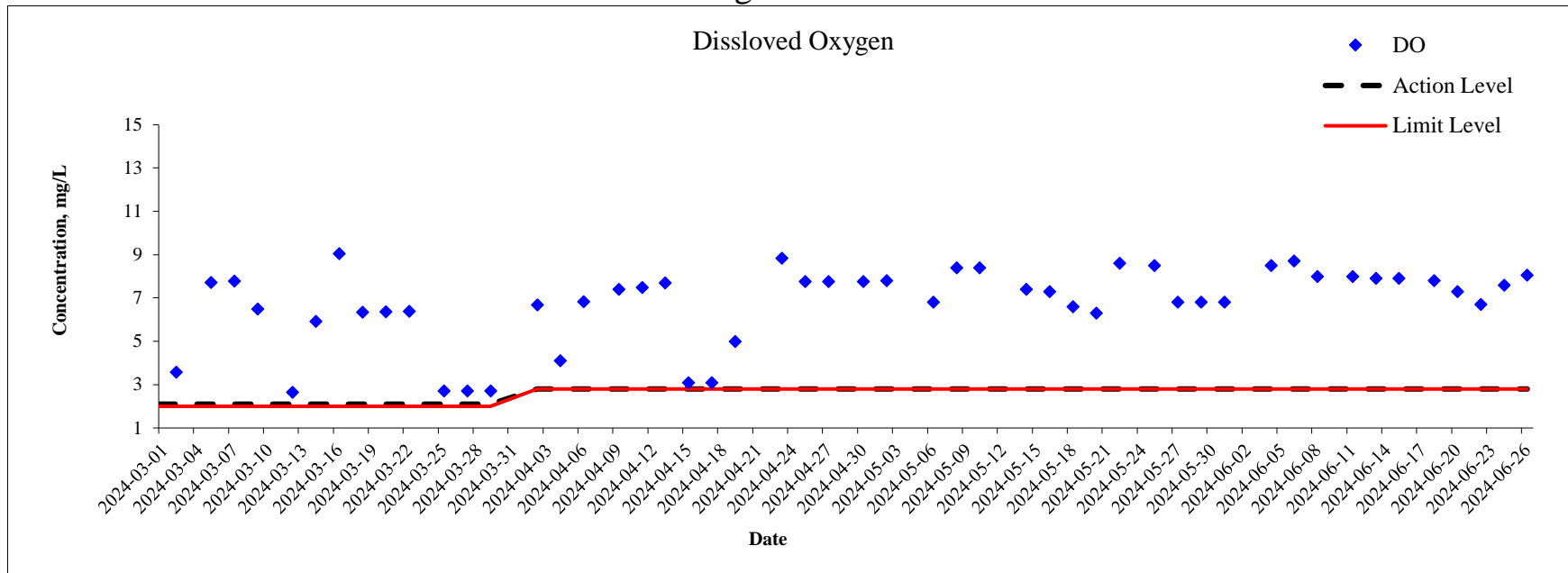
Water Quality Monitoring Location : U2

Date	Start Time	Weather	Water depth (cm)	Temperature (°C)		pH		DO (mg/L)		DO (%)		Turbidity (NTU)		Suspended Solids (mg/L)	
				Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
04 June 2024	17:22	Cloudy	28	24.6	24.6	7.6	7.6	7.9	7.9	95.4	95.4	6.2	6.2	3.5	3.6
				24.6		7.6		7.9		95.4		6.2		3.7	
06 June 2024	9:09	Cloudy	28	24.4	24.4	7.6	7.6	7.6	7.6	90.9	91.0	6.2	6.2	2.9	2.9
				24.4		7.6		7.6		91.0		6.2		2.8	
08 June 2024	15:30	Cloudy	25	26.5	26.5	7.4	7.4	8.4	8.4	104.4	104.5	5.8	5.8	1.5	1.6
				26.5		7.4		8.4		104.5		5.7		1.7	
11 June 2024	15:30	Cloudy	24	26.5	26.5	7.4	7.4	8.4	8.4	104.5	104.5	5.7	5.8	1.3	1.2
				26.5		7.4		8.4		104.4		5.8		1.0	
13 June 2024	17:34	Sunny	30	27.6	27.6	7.7	7.7	7.5	7.5	95.2	95.1	6.5	6.6	3.1	3.0
				27.6		7.7		7.5		95.0		6.6		2.8	
15 June 2024	15:49	Sunny	23	27.6	27.6	7.7	7.7	7.5	7.5	95.2	95.1	6.5	6.6	4.3	4.3
				27.6		7.7		7.5		95.0		6.6		4.3	
18 June 2024	11:24	Sunny	23	28.2	28.2	7.4	7.4	6.9	7.0	88.9	89.2	5.3	5.3	2.7	2.5
				28.2		7.4		7.0		89.5		5.3		2.3	
20 June 2024	12:21	Sunny	28	28.4	28.4	7.3	7.3	7.7	7.7	98.9	99.0	7.9	7.9	3.4	3.6
				28.4		7.3		7.7		99.0		7.9		3.8	
22 June 2024	16:47	Cloudy	24	28.3	28.4	7.9	7.9	8.5	8.6	109.0	109.9	1.8	1.9	1.0	1.2
				28.4		7.9		8.6		110.7		1.9		1.3	
24 June 2024	18:00	Cloudy	27	28.1	28.1	7.9	7.9	8.9	8.9	113.7	113.6	1.2	1.2	1.0	1.0
				28.0		7.9		8.9		113.5		1.2		1.0	
26 June 2024	18:24	Cloudy	26	27.7	27.7	7.6	7.6	7.3	7.4	93.0	93.3	3.5	3.5	6.4	6.4
				27.7		7.6		7.4		93.5		3.4		6.3	
29 June 2024	13:37	Cloudy	26	27.2	27.2	7.8	7.8	8.6	8.6	108.7	108.7	2.1	2.1	1.0	1.0
				27.2		7.8		8.6		108.6		2.1		1.0	

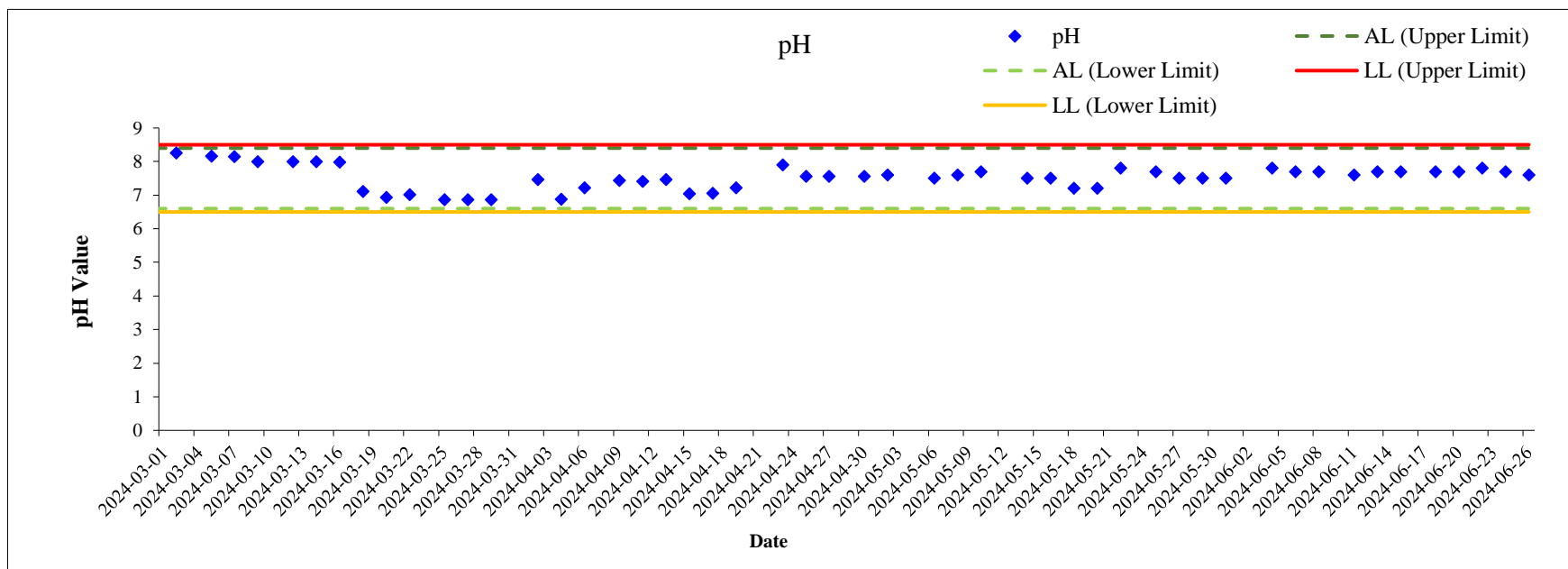
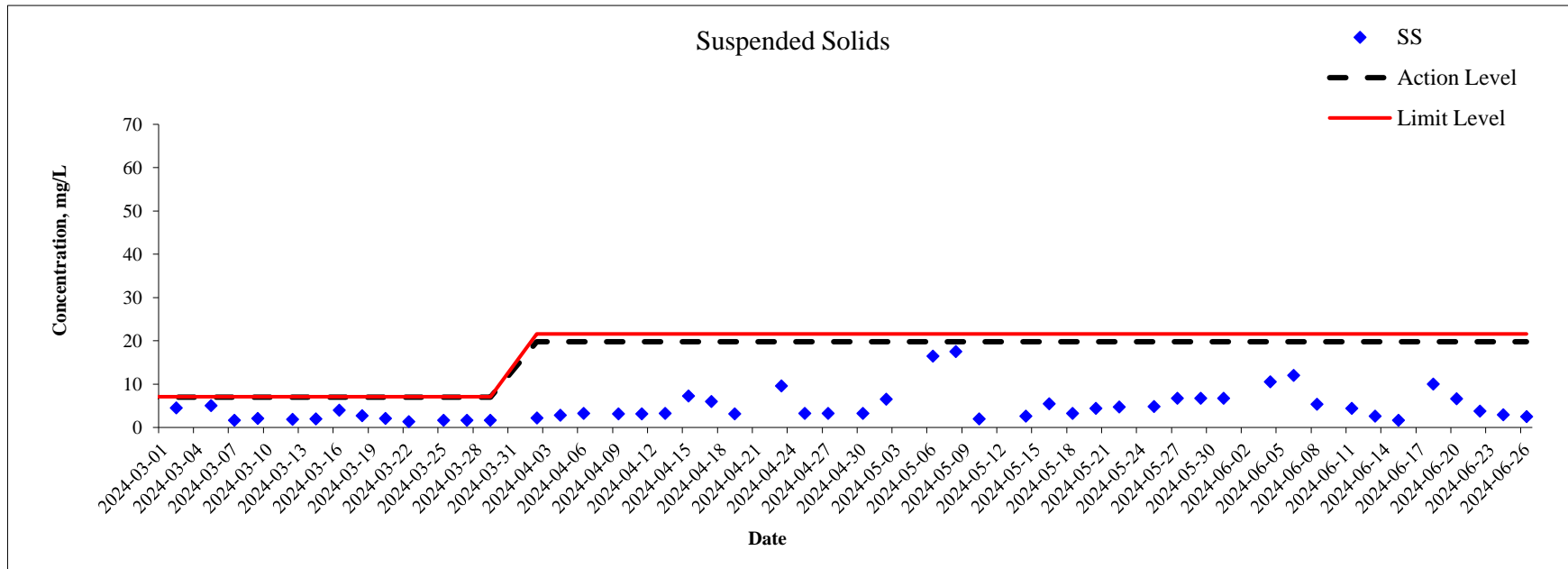
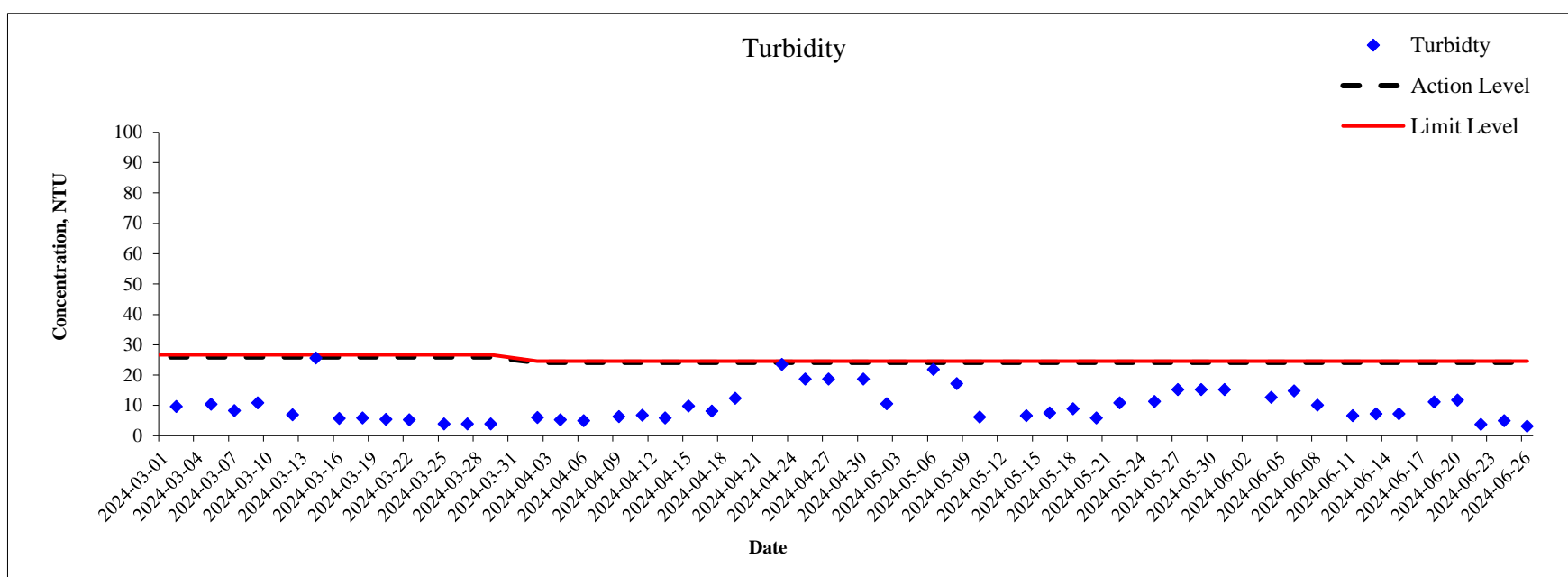
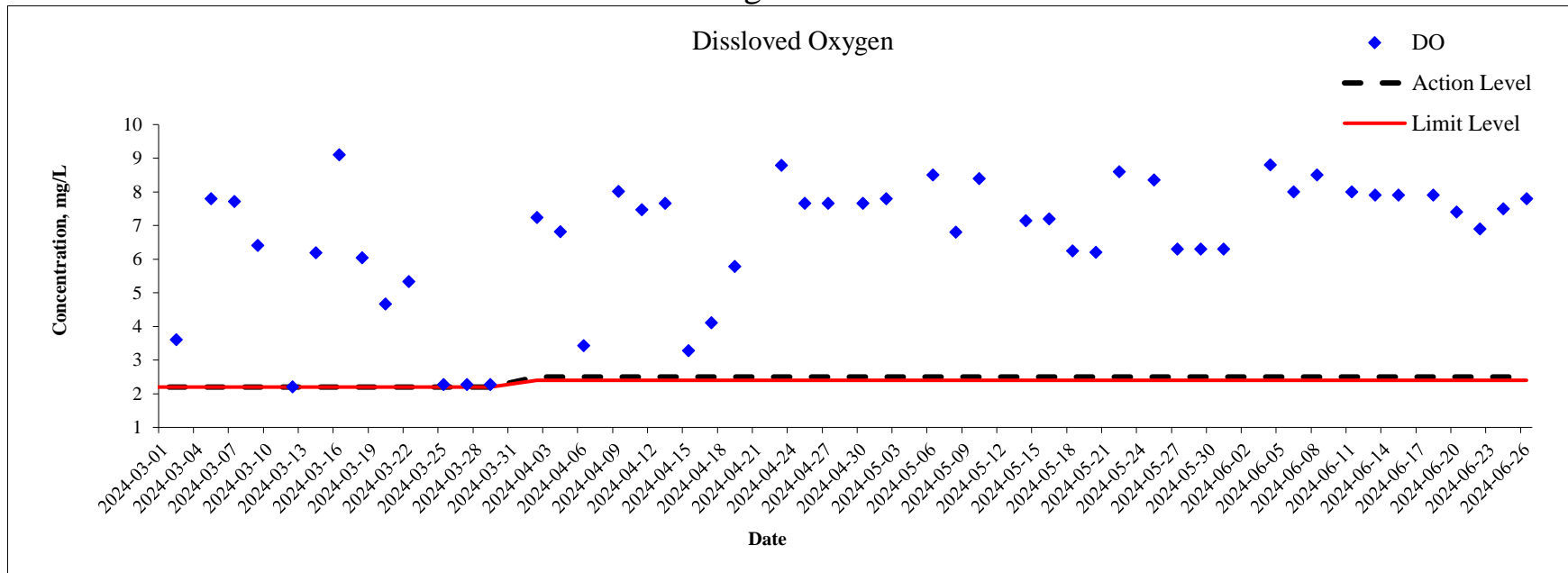
Water Quality Monitoring Location : HT

Date	Start Time	Weather	Water depth (cm)	Temperature (°C)		pH		DO (mg/L)		DO (%)		Turbidity (NTU)		Suspended Solids (mg/L)	
				Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
04 June 2024	17:52	Cloudy	7	24.5	24.5	7.8	7.8	8.7	8.7	104.5	104.6	4.1	4.2	2.2	2.3
				24.5		7.8		8.7		104.7		4.2		2.4	
06 June 2024	9:56	Cloudy	6	24.3	24.3	7.9	7.9	8.8	8.8	105.2	105.3	4.8	4.8	1.2	1.4
				24.3		7.9		8.8		105.3		4.8		1.5	
08 June 2024	16:15	Cloudy	4	26.3	26.3	7.5	7.5	7.7	7.7	94.9	94.9	5.6	5.6	1.6	1.5
				26.3		7.5		7.7		94.9		5.6		1.4	
11 June 2024	18:13	Cloudy	4	27.8	27.8	7.6	7.6	7.7	7.7	98.1	98.0	4.8	4.8	2.4	2.4
				27.7		7.6		7.7		97.9		4.7		2.4	
13 June 2024	17:59	Sunny	5	27.4	27.4	7.7	7.7	7.9	7.9	99.9	99.7	6.7	6.7	2.5	2.4
				27.4		7.7		7.9		99.5		6.7		2.3	
15 June 2024	16:29	Sunny	3	27.4	27.4	7.7	7.7	7.9	7.9	99.9	99.7	6.7	6.7	2.2	2.2
				27.4		7.7		7.9		99.5		6.7		2.1	
18 June 2024	10:23	Sunny	7	29.2	29.2	7.4	7.4	6.3	6.3	82.7	82.7	5.5	5.5	2.5	2.7
				29.2		7.4		6.3		82.6		5.4		2.8	
20 June 2024	12:05	Sunny	5	28.5	28.5	7.8	7.8	7.3	7.3	94.5	94.3	4.9	4.9	2.4	2.3
				28.5		7.7		7.3		94.1		4.9		2.2	
22 June 2024	16:01	Cloudy	4	28.5	28.5	7.9	8.0	7.8	7.9	101.1	101.2	1.9	1.9	1.7	1.8
				28.5		8.0		7.9		101.2		1.9		1.9	
24 June 2024	17:01	Cloudy	4	28.3	28.3	7.7	7.7	8.4	8.4	107.9	108.0	1.7	1.7	1.3	1.4
				28.3		7.7		8.4		108.1		1.6		1.4	
26 June 2024	18:01	Cloudy	3	28.3	28.3	7.6	7.6	8.0	8.1	103.3	103.4	1.7	1.7	1.1	1.2
				28.3		7.6		8.1		103.5		1.7		1.3	
29 June 2024	14:57	Cloudy	3	26.6	26.6	7.8	7.9	8.8	8.8	109.6	109.4	2.0	2.0	1.0	1.0
				26.6		7.9		8.8		109.1		2.0		1.0	

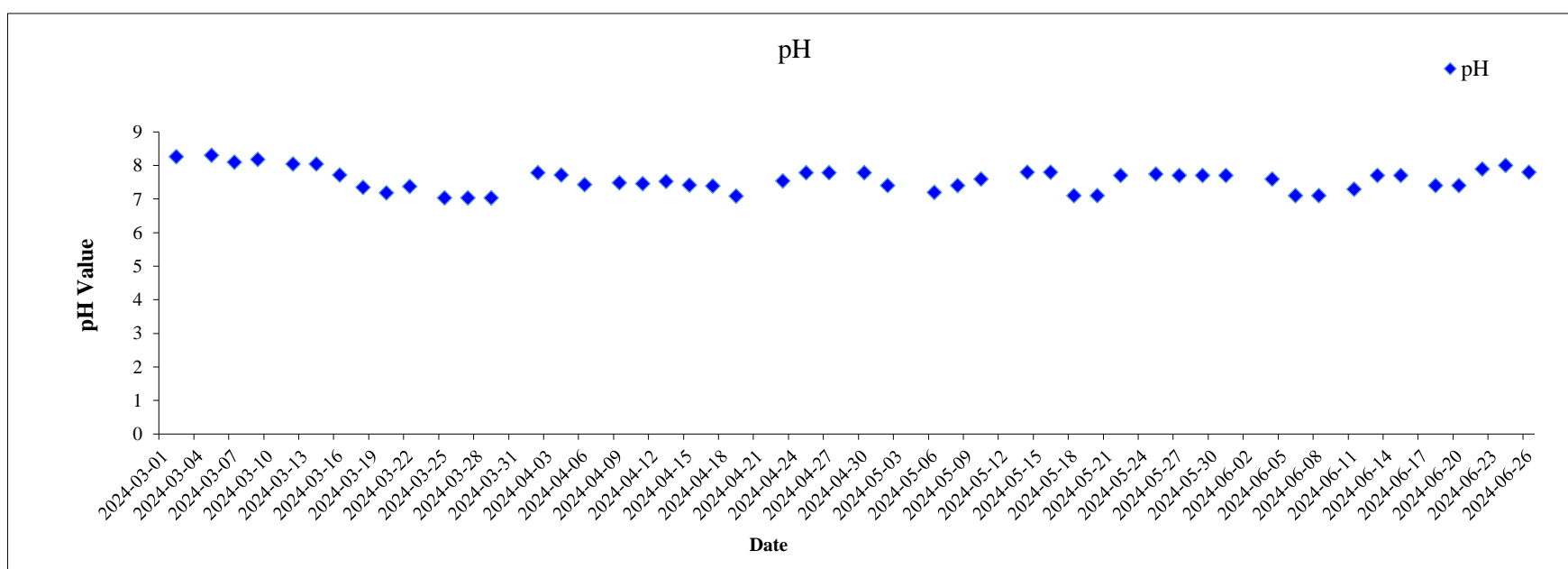
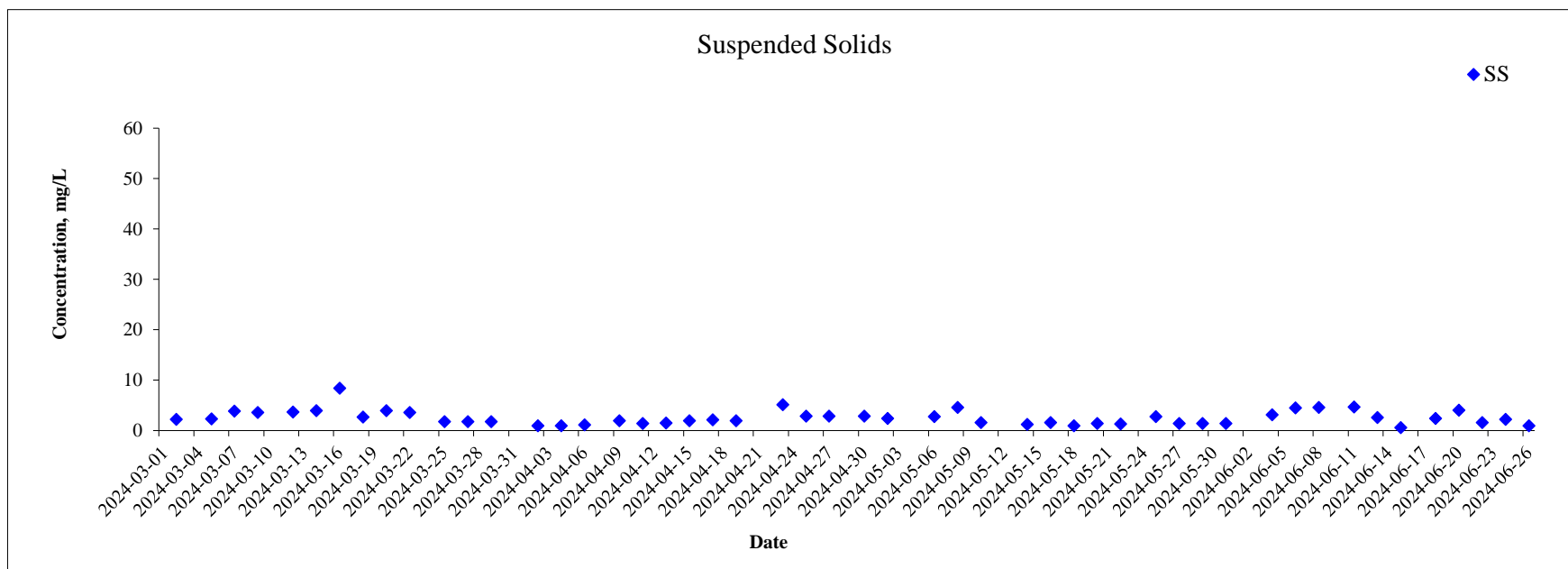
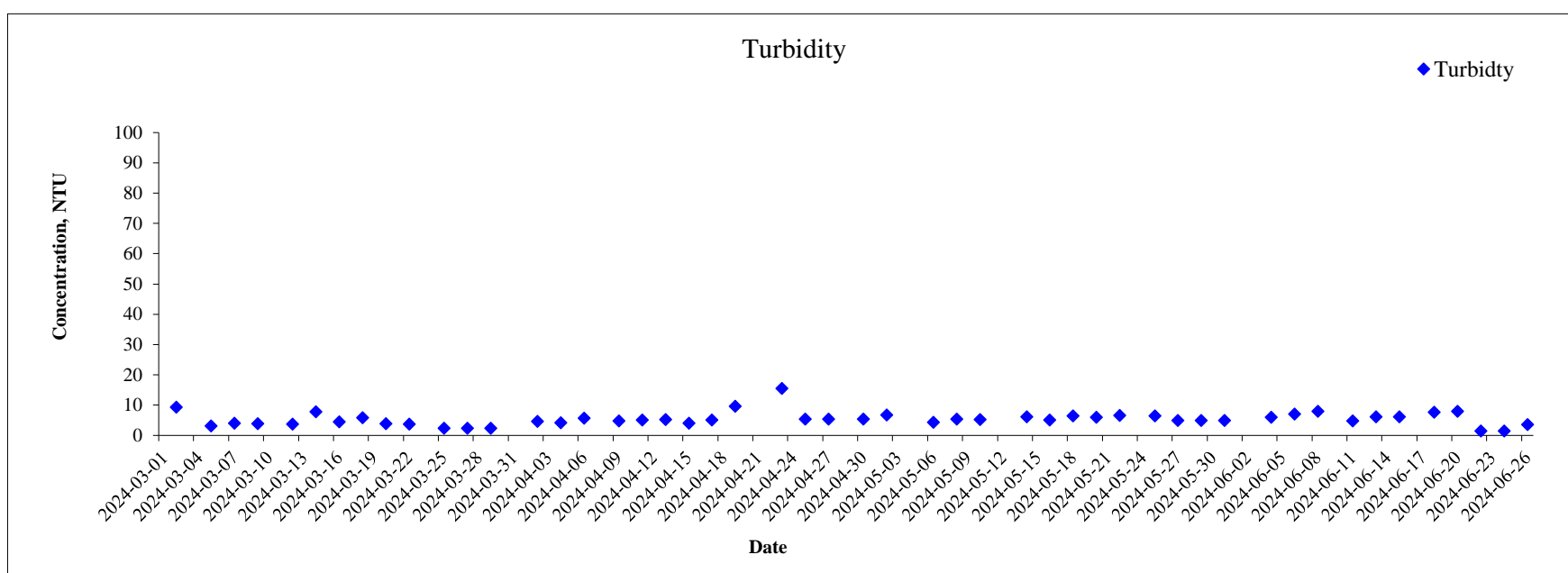
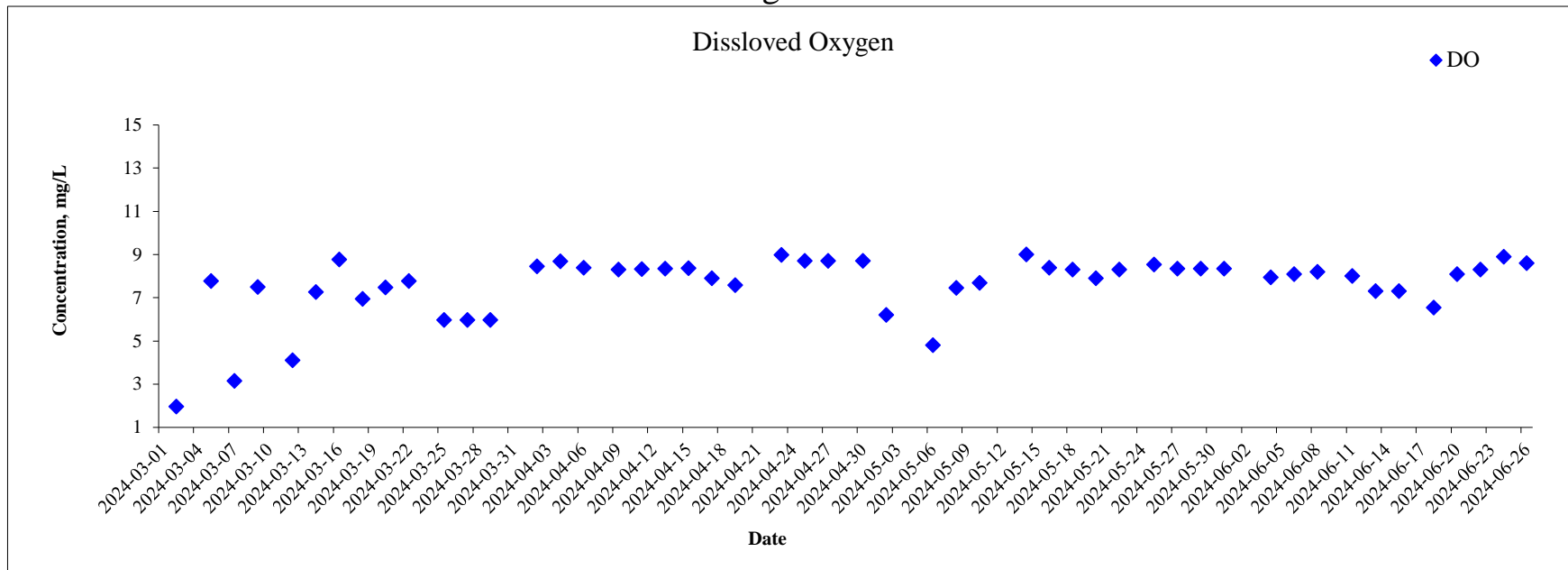
Monitoring Location: TKW1



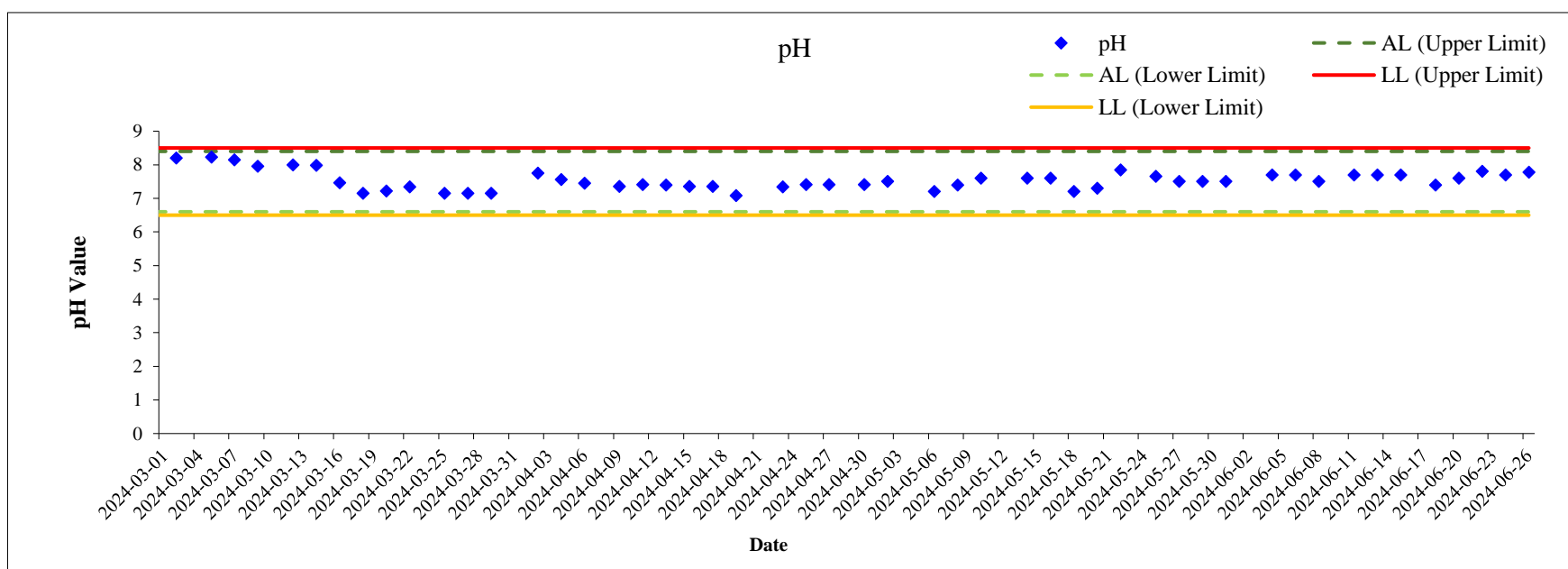
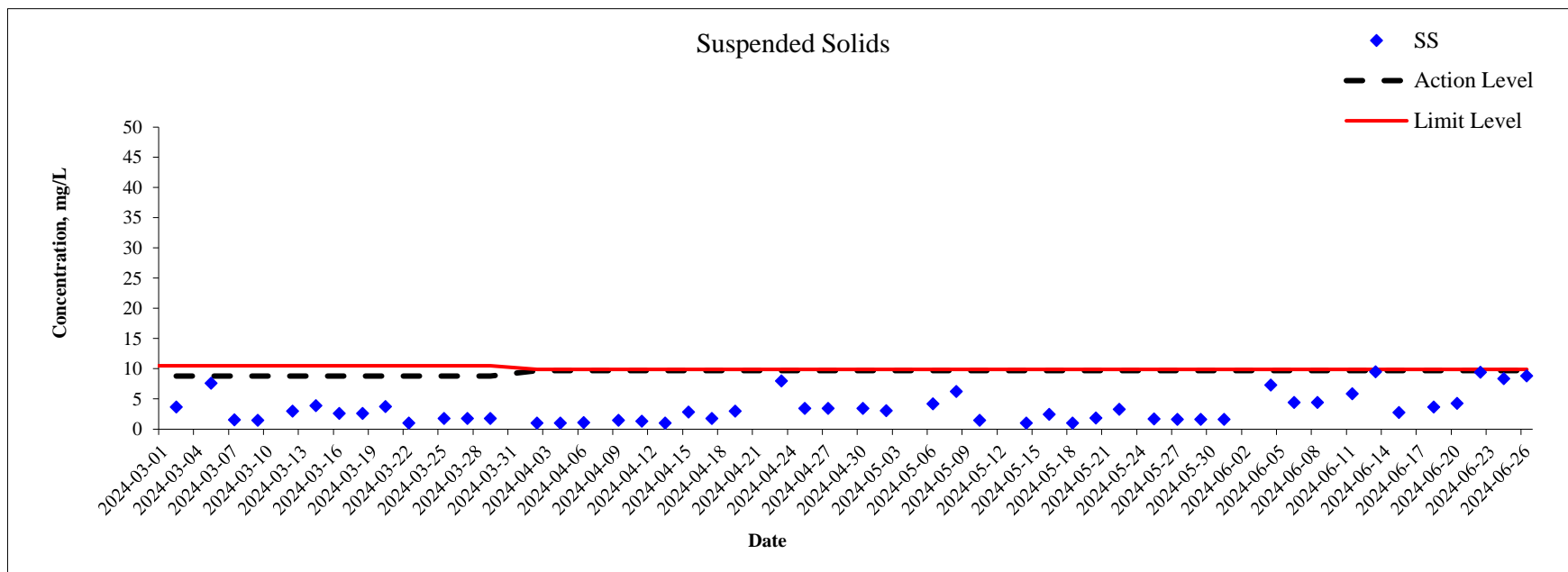
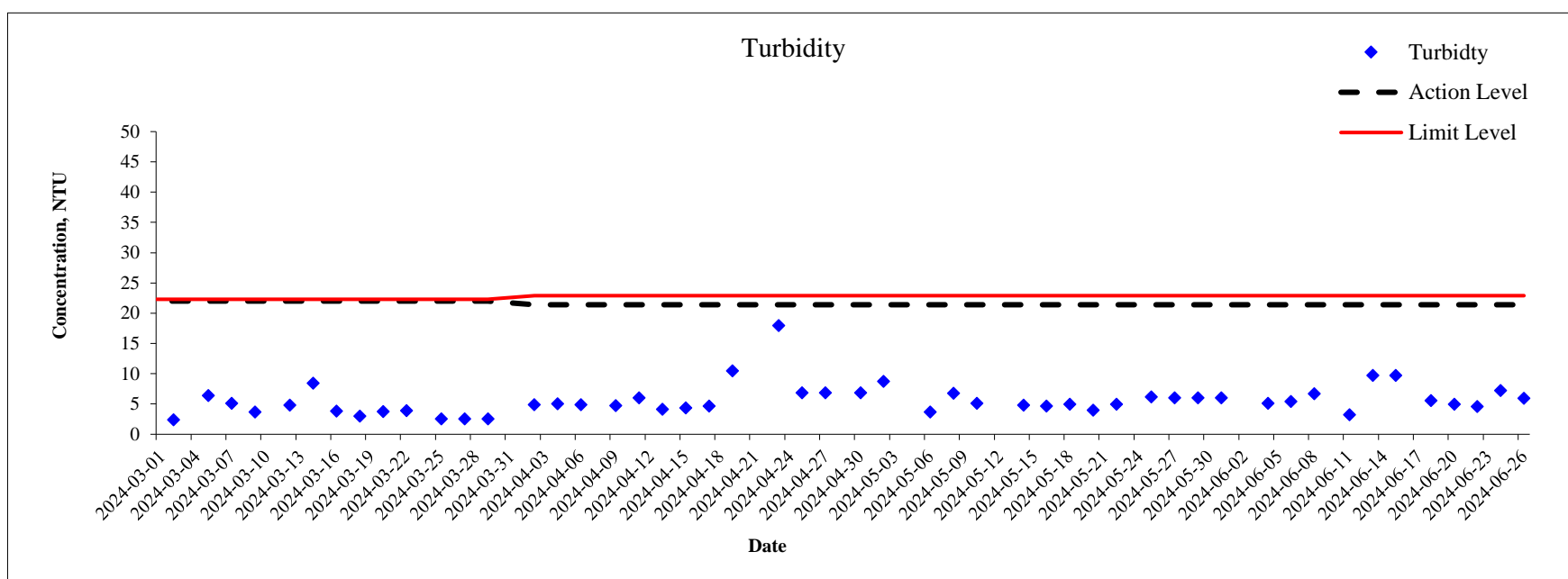
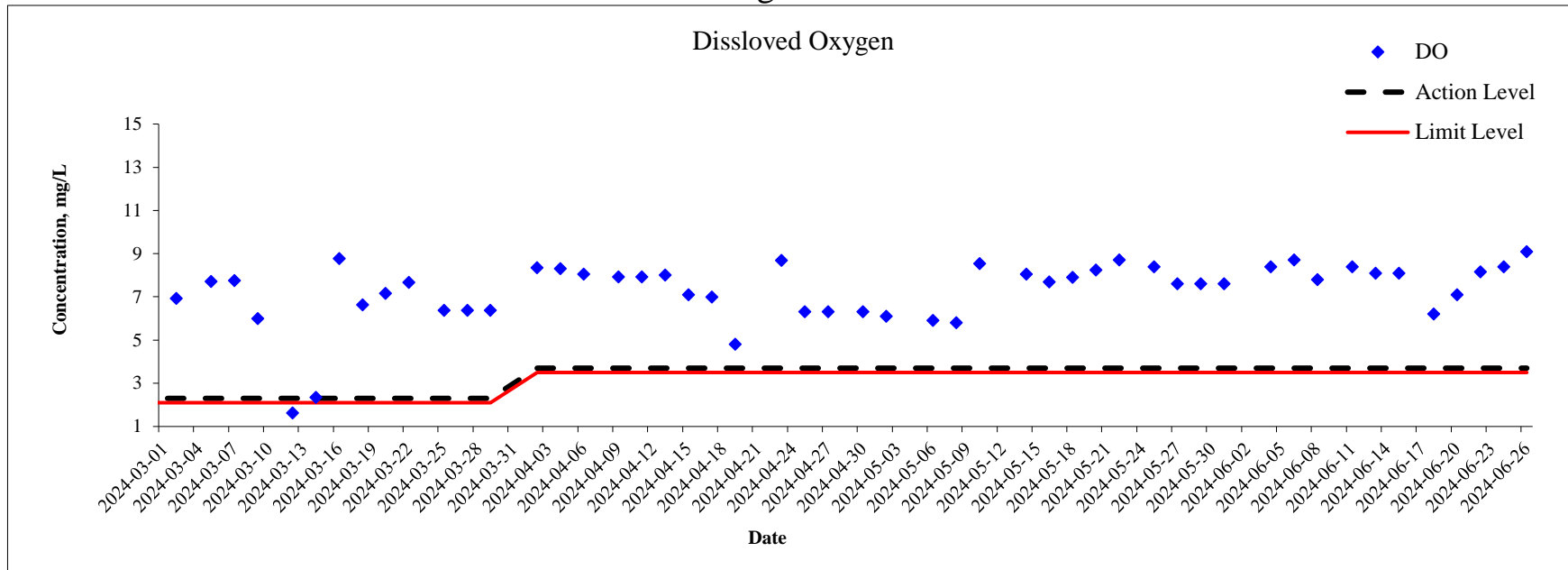
Monitoring Location: TKW



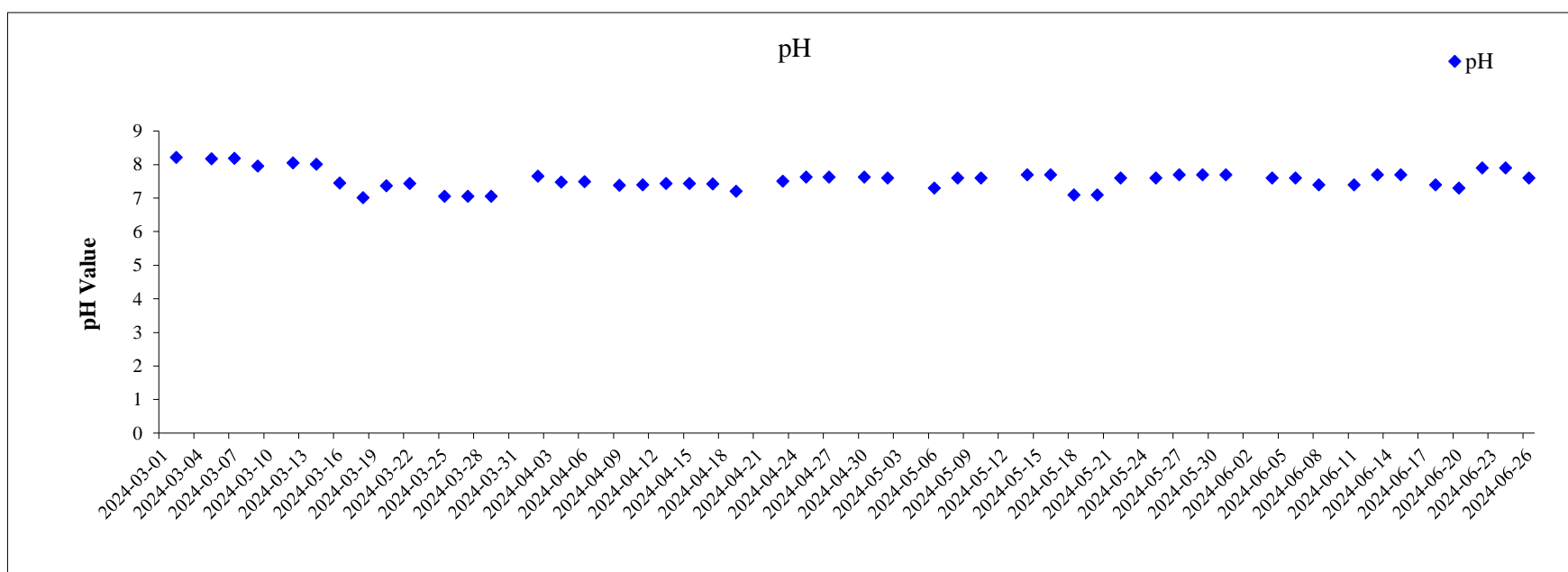
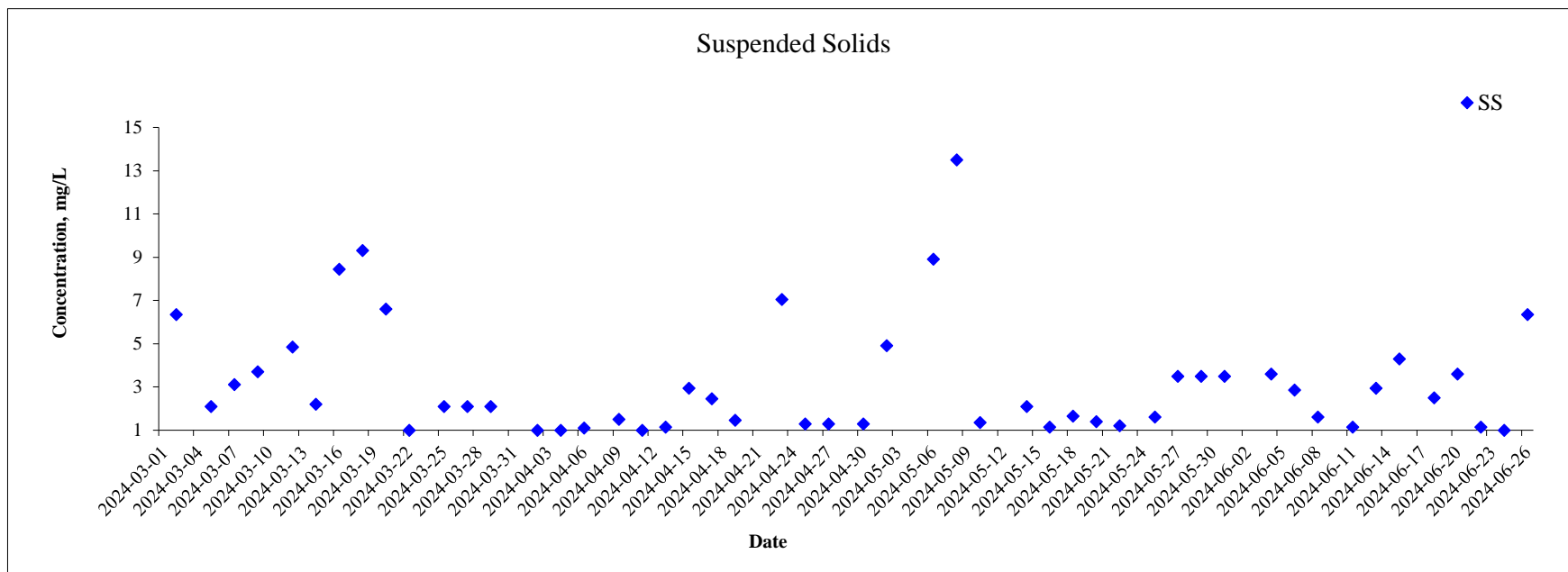
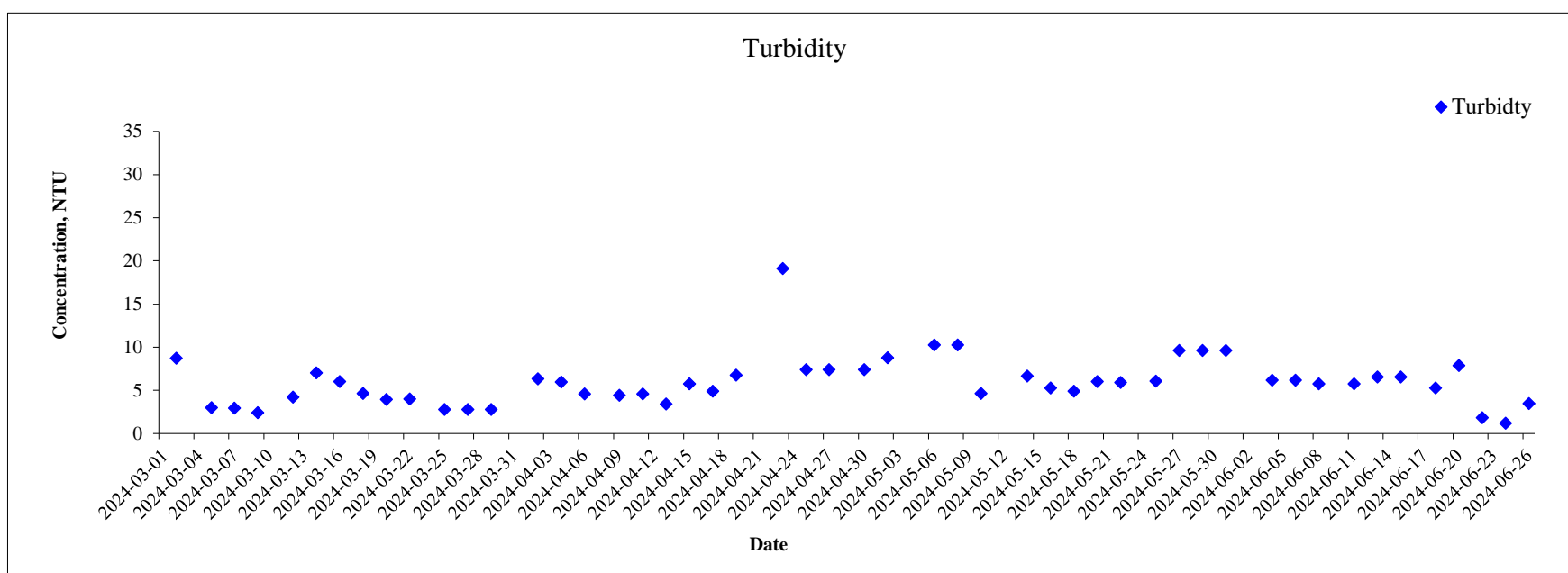
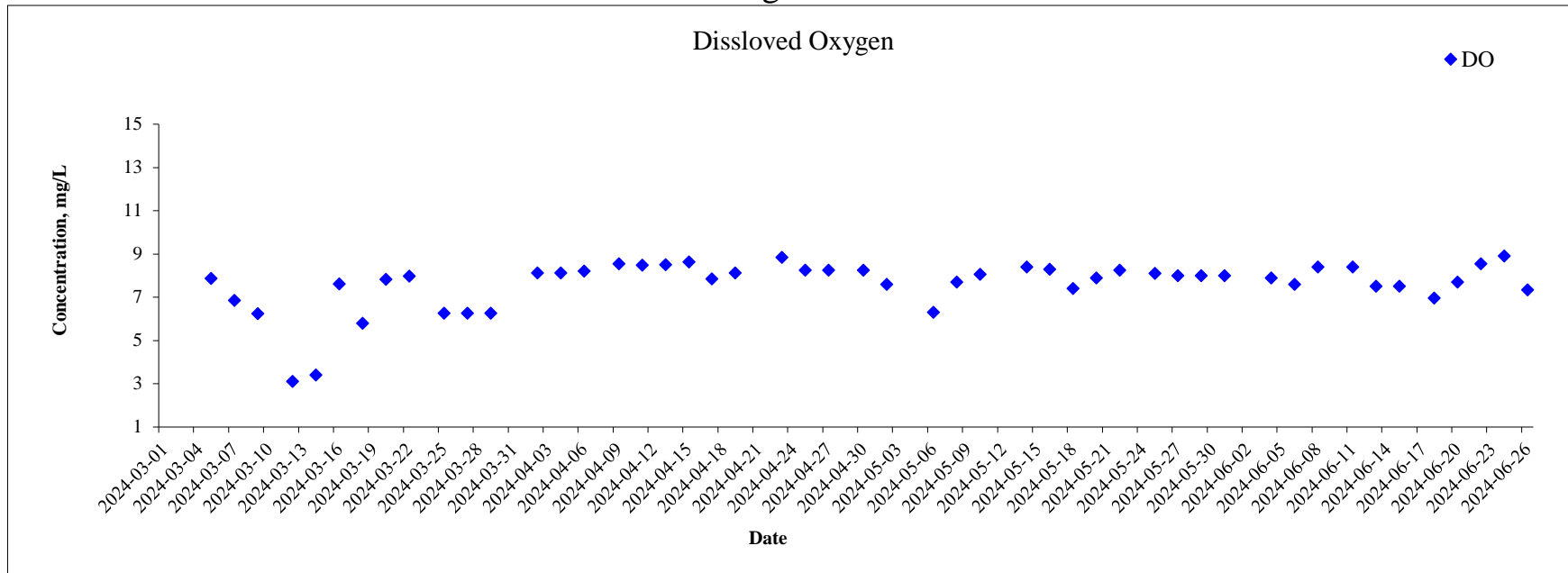
Monitoring Location: U1



Monitoring Location: SW



Monitoring Location: U2



Monitoring Location: HT

