



**Water Monitoring Result at Monitoring Station E - Channelized nullah across the Project site (Upstream Control Station)**

Date	Time	Weather Condition	Sampling Depth m	Water Temperature °C			pH			Salinity ppt			DO Saturation %		DO mg/L		Turbidity NTU		Suspended Solids mg/L				
				Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value
01/06/2020	09:42	Fine	Surface	31.30	31.30	31.35	7.85	7.85	7.85	0.10	0.10	0.10	76.4	77.1	77.28	5.47	5.54	5.56	12.42	12.44	12.44	4.4	4.45
	09:44			31.40	31.40		7.85	7.85		0.10	0.10		77.6	78.0		5.59	5.63		12.44	12.45		4.5	
03/06/2020	11:30	Fine	Surface	26.90	26.90	26.90	7.81	7.81	7.82	0.05	0.05	0.05	98.7	98.7	98.35	7.93	7.93	7.89	19.08	19.02	19.04	6.4	6.50
	11:32			26.90	26.90		7.82	7.82		0.05	0.05		97.7	98.3		7.83	7.86		19.00	19.06		6.6	
05/06/2020	-	Cloudy	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-		-	-		-	-		-	-		-	-		-				
08/06/2020	13:36	Rainy	Surface	24.80	24.80	24.75	7.95	7.95	7.94	0.03	0.03	0.03	96.0	96.2	96.18	7.79	7.81	7.81	17.21	17.03	16.95	20.5	20.65
	13:38			24.70	24.70		7.92	7.92		0.03	0.03		96.5	96.0		7.83	7.80		16.85	16.72		20.8	
10/06/2020	09:46	Fine	Surface	32.30	32.30	32.35	7.90	7.90	7.91	0.11	0.11	0.11	77.1	77.4	77.58	5.54	5.57	5.59	11.53	11.55	11.56	10.6	10.80
	09:48			32.40	32.40		7.92	7.92		0.11	0.11		77.7	78.1		5.60	5.64		11.57	11.57		11	
12/06/2020	10:12	Fine	Surface	31.40	31.40	31.45	7.71	7.71	7.71	0.07	0.07	0.07	78.4	78.5	78.63	5.67	5.68	5.69	15.81	15.85	15.87	95.2	94.90
	10:14			31.50	31.50		7.71	7.71		0.07	0.07		78.7	78.9		5.70	5.72		15.88	15.92		94.6	
15/06/2020	12:10	Fine	Surface	26.00	26.00	26.20	7.71	7.71	7.71	0.03	0.03	0.03	99.8	99.2	99.00	8.08	8.02	8.00	15.30	15.30	15.30	7.1	6.95
	12:12			26.40	26.40		7.70	7.70		0.03	0.03		99.0	98.0		8.00	7.91		15.30	15.28		6.8	
17/06/2020	10:00	Fine	Surface	25.30	25.30	25.40	7.89	7.89	7.89	0.04	0.04	0.04	88.8	90.2	89.10	7.29	7.40	7.31	19.41	19.32	19.21	5.4	5.60
	10:02			25.50	25.50		7.88	7.88		0.04	0.04		89.3	88.1		7.32	7.22		19.12	19.00		5.8	
19/06/2020	14:45	Fine	Surface	27.90	27.90	28.45	7.58	7.58	7.57	0.12	0.12	0.13	97.5	98.9	98.43	7.58	7.67	7.63	13.02	13.02	13.02	4.6	4.75
	14:47			29.00	29.00		7.55	7.55		0.13	0.13		98.6	98.7		7.64	7.63		13.02	13.02		4.9	
22/06/2020	09:35	Fine	Surface	26.10	26.10	26.25	7.81	7.81	7.84	0.17	0.17	0.17	93.7	93.7	93.50	7.56	7.56	7.54	12.06	12.00	12.00	5.8	5.95
	09:37			26.40	26.40		7.86	7.86		0.17	0.17		93.5	93.1		7.53	7.50		11.96	11.96		6.1	
24/06/2020	13:40	Fine	Surface	27.90	27.90	28.20	7.67	7.67	7.66	0.24	0.24	0.24	85.9	86.8	86.83	6.71	6.76	6.76	11.39	11.44	11.44	7.5	7.35
	13:42			28.50	28.50		7.65	7.65		0.24	0.24		87.6	87.0		6.81	6.75		11.46	11.46		7.2	
26/06/2020	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-		-	-		-	-		-	-		-	-		-				
29/06/2020	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-		-	-		-	-		-	-		-	-		-				

**Remarks:**

Single underline denotes exceedance over Action Level.

Double underline denotes exceedance over Limit Level.

Upstream Monitoring Station (Monitoring Station E) would be taken as control reference for exceedance investigation only.



Water Monitoring Result at Monitoring Station F - Channelized nullah across the Project site (Downstream Impact Station)

Date	Time	Weather Condition	Sampling Depth m	Water Temperature °C			pH -			Salinity ppt			DO Saturation %			DO mg/L		Turbidity NTU			Suspended Solids mg/L		
				Value	Average		Value	Average		Value	Average		Value	Average		Value	Average	Value	Average	Value	Average	Value	Average
01/06/2020	10:05	Fine	Surface	31.10	31.10	31.20	7.74	7.74	7.7	0.11	0.11	0.11	82.7	84.4	83.63	5.81	5.90	5.9	9.84	9.81	9.9	6.1	6.0
	10:07			31.30	31.30		7.74	7.74		0.11	0.11		84.5	82.9		5.91	5.79		9.88	9.89		5.9	
03/06/2020	11:40	Fine	Surface	26.40	26.40	26.40	7.70	7.70	7.7	0.06	0.06	0.06	97.3	97.2	97.13	7.82	7.80	7.8	11.57	11.58	11.6	1.8	1.9
	11:42			26.40	26.40		7.70	7.70		0.06	0.06		97.0	97.0		7.79	7.79		11.59	11.59		2.0	
05/06/2020	09:45	Cloudy	Surface	29.70	29.70	29.80	7.86	7.86	7.9	0.09	0.09	0.09	91.5	91.3	91.83	7.68	7.66	7.7	3.08	3.06	3.0	1.1	1.2
	09:47			29.90	29.90		7.87	7.88		0.09	0.09		91.9	92.6		7.72	7.79		3.01	3.02		1.2	
08/06/2020	13:56	Rainy	Surface	24.50	24.50	24.45	8.00	8.00	8.0	0.05	0.05	0.05	97.5	97.6	97.80	7.85	7.85	7.9	123.20	122.90	<u>122.9</u>	262.0	<u>260.5</u>
	13:58			24.40	24.40		8.01	8.01		0.05	0.05		98.0	98.1		7.90	7.91		122.80	122.80		259.0	
10/06/2020	10:06	Fine	Surface	32.90	32.90	33.00	8.11	8.11	8.1	0.13	0.13	0.13	79.2	79.2	79.70	5.75	5.75	5.8	23.91	23.92	23.9	42.7	<u>42.0</u>
	10:08			33.10	33.10		8.12	8.13		0.13	0.13		80.1	80.3		5.83	5.86		23.85	23.88		41.3	
12/06/2020	10:41	Fine	Surface	31.50	31.50	31.60	8.13	8.13	8.1	0.14	0.14	0.14	80.8	81.4	81.30	5.91	5.97	6.0	11.79	11.74	11.8	7.1	6.9
	10:43			31.70	31.70		8.14	8.15		0.14	0.14		81.4	81.6		5.98	5.99		11.75	11.73		6.7	
15/06/2020	12:15	Fine	Surface	26.50	26.50	26.55	7.80	7.80	7.8	0.05	0.05	0.05	96.5	96.1	96.18	7.75	7.72	7.7	22.50	22.50	22.5	14.4	14.0
	12:17			26.60	26.60		7.81	7.81		0.05	0.05		95.9	96.2		7.70	7.72		22.50	22.50		13.5	
17/06/2020	10:25	Fine	Surface	25.90	25.90	25.90	7.81	7.81	7.8	0.06	0.06	0.06	93.3	93.5	92.73	7.59	7.60	7.5	10.23	10.23	10.2	5.3	5.2
	10:27			25.90	25.90		7.83	7.83		0.06	0.06		91.9	92.2		7.49	7.49		10.23	10.23		5.0	
19/06/2020	15:00	Fine	Surface	27.90	27.90	28.20	7.28	7.28	7.3	0.06	0.06	0.06	91.1	91.2	91.30	7.00	7.00	7.0	10.23	10.23	10.2	2.9	3.0
	15:02			28.50	28.50		7.32	7.32		0.06	0.06		91.2	91.7		7.00	7.00		10.23	10.23		3.1	
22/06/2020	09:55	Fine	Surface	27.40	27.40	27.55	7.40	7.40	7.4	0.08	0.08	0.08	90.5	90.8	90.50	7.14	7.17	7.1	9.49	9.34	9.3	2.5	2.7
	09:57			27.70	27.70		7.32	7.32		0.08	0.08		90.4	90.3		7.13	7.12		9.21	9.19		2.9	
24/06/2020	14:05	Fine	Surface	27.10	27.10	27.15	7.38	7.38	7.4	0.05	0.05	0.05	78.5	81.0	81.25	6.25	6.45	6.5	9.99	10.05	10.1	2.4	2.6
	14:07			27.20	27.20		7.37	7.37		0.04	0.04		82.2	83.3		6.54	6.63		10.21	10.33		2.8	
26/06/2020	11:15	Fine	Surface	27.20	27.20	27.35	7.89	7.89	7.9	0.12	0.12	0.12	89.0	88.9	88.60	7.06	7.04	7.0	9.33	9.35	9.3	3.2	3.0
	11:17			27.50	27.50		7.90	7.90		0.12	0.12		88.2	88.3		6.99	6.99		9.33	9.32		2.8	
29/06/2020	09:55	Fine	Surface	27.30	27.30	27.40	7.65	7.65	7.7	0.09	0.09	0.09	91.4	90.7	90.58	7.23	7.07	7.1	11.18	11.18	11.2	9.1	9.0
	9:57			27.50	27.50		7.66	7.66		0.09	0.09		90.3	89.9		7.14	7.11		11.2	11.22		8.8	

Remarks:  
 Single underline denotes exceedance over Action Level.  
 Double underline denotes exceedance over Limit Level.



Water Monitoring Result at Monitoring Station H - Ma Yau Tong Stream (Upstream Control Station)

Date	Time	Weather Condition	Sampling Depth m	Water Temperature °C			pH			Salinity ppt			DO Saturation %			DO mg/L			Turbidity NTU			Suspended Solids mg/L	
				Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Average
01/06/2020	10:51	Fine	Surface	32.60	32.60	32.70	8.03	8.03	8.0	0.19	0.19	0.19	83.4	83.5	83.50	6.14	6.15	6.2	20.42	20.47	20.5	20.4	20.6
	10:53			32.80	32.80		8.03	8.03		0.19	0.19		83.5	83.6		6.15	6.16		20.49	20.48		20.7	
03/06/2020	10:35	Fine	Surface	27.80	27.80	28.05	7.94	7.94	7.9	0.63	0.63	0.63	95.6	95.8	95.85	7.82	7.80	7.8	246.50	246.50	246.5	179.0	192.5
	10:37			28.30	28.30		7.93	7.93		0.62	0.62		96.1	95.9		7.79	7.79		246.50	246.50		206.0	
05/06/2020	11:50	Cloudy	Surface	29.60	29.60	29.65	8.13	8.13	8.1	0.04	0.04	0.04	94.2	94.1	94.23	7.95	7.94	8.0	26.88	26.81	26.8	19.5	19.6
	11:52			29.70	29.70		8.13	8.13		0.04	0.04		94.1	94.5		7.94	7.98		26.84	26.85		19.7	
08/06/2020	15:25	Rainy	Surface	24.00	24.00	24.15	7.75	7.75	7.7	0.10	0.10	0.11	78.0	78.2	78.43	5.63	5.65	5.7	190.80	190.90	191.0	335.0	333.0
	15:27			24.50	24.10		7.74	7.74		0.11	0.11		78.5	79.0		5.68	5.70		191.00	191.10		331.0	
10/06/2020	11:21	Fine	Surface	32.60	32.60	32.70	8.33	8.33	8.3	0.03	0.03	0.03	73.9	74.2	74.43	5.22	5.25	5.3	29.43	29.44	29.4	15.3	15.3
	11:23			32.80	32.80		8.33	8.33		0.03	0.03		74.5	75.1		5.28	5.34		29.44	29.47		15.3	
12/06/2020	11:25	Fine	Surface	30.80	30.80	30.85	7.91	7.91	7.9	0.10	0.10	0.10	73.4	73.6	73.78	5.17	5.19	5.2	5.47	5.49	5.5	5.0	5.2
	11:27			30.90	30.90		7.93	7.93		0.10	0.10		73.8	74.3		5.21	5.28		5.53	5.54		5.3	
15/06/2020	10:40	Fine	Surface	27.00	27.00	27.00	8.14	8.14	8.1	0.49	0.49	0.49	93.9	94.0	94.10	7.45	7.46	7.5	35.23	35.25	35.2	32.1	31.6
	10:42			27.00	27.00		8.15	8.15		0.49	0.49		93.8	94.7		7.43	7.50		35.21	35.20		31.0	
17/06/2020	10:45	Fine	Surface	27.20	27.20	27.30	7.45	7.45	7.5	0.69	0.69	0.69	82.3	82.2	82.03	6.49	6.49	6.5	16.60	16.60	16.6	11.7	11.9
	10:47			27.40	27.40		7.52	7.52		0.69	0.69		82.0	81.6		6.47	6.43		16.61	16.60		12.1	
19/06/2020	15:30	Fine	Surface	28.60	28.60	28.85	7.05	7.05	7.1	0.56	0.56	0.56	85.3	85.1	85.05	6.56	6.54	6.5	2.12	2.20	2.4	2.4	2.3
	15:32			29.10	29.10		7.19	7.19		0.56	0.56		85.5	84.3		6.57	6.47		2.70	2.63		2.1	
22/06/2020	10:40	Fine	Surface	27.20	27.20	27.25	7.23	7.23	7.3	0.47	0.47	0.47	87.0	87.1	87.18	6.49	6.49	6.5	5.37	5.79	5.5	3.1	3.2
	10:42			27.30	27.30		7.31	7.31		0.47	0.47		87.5	87.1		6.52	6.49		5.46	5.46		3.2	
24/06/2020	14:50	Fine	Surface	28.50	28.50	28.60	7.08	7.08	7.1	0.54	0.54	0.54	79.6	79.6	79.28	6.15	6.14	6.1	6.56	6.40	6.3	4.7	5.9
	14:52			28.70	28.70		7.21	7.21		0.54	0.54		79.1	78.8		6.10	6.08		6.31	6.08		7.0	
26/06/2020	10:50	Fine	Surface	28.00	28.00	28.00	7.76	7.76	7.8	0.70	0.70	0.70	83.8	84.0	84.05	6.51	6.52	6.5	9.64	9.68	9.7	3.8	3.8
	10:52			28.00	28.00		7.74	7.74		0.70	0.70		84.1	84.3		6.52	6.53		9.68	9.62		3.7	
29/06/2020	10:10	Fine	Surface	27.70	27.70	27.90	7.48	7.48	7.5	0.50	0.50	0.50	83.3	86.5	85.63	6.50	6.75	6.7	18.46	18.46	18.5	13.3	13.1
	10:12			28.10	28.10		7.57	7.57		0.5	0.5		86.3	86.4		6.73	6.74		18.46	18.46		12.8	

Remarks:  
 Single underline denotes exceedance over Action Level.  
 Double underline denotes exceedance over Limit Level.  
 Upstream Monitoring Station (Monitoring Station H) would be taken as control reference for exceedance investigation only.



Water Monitoring Result at Monitoring Station I - Ma Yau Tong Stream (Downstream Impact Station)

Date	Time	Weather Condition	Sampling Depth m	Water Temperature °C			pH -			Salinity ppt			DO Saturation %			DO mg/L			Turbidity NTU			Suspended Solids mg/L	
				Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Average
				01/06/2020	11:11	Fine	Surface	32.80	32.80	32.90	8.12	8.12	8.1	0.09	0.09	0.09	83.5	84.4	83.88	6.15	6.20	6.2	4.66
	11:13	33.00	33.00	8.12	8.12			0.09	0.09		84.0	83.6		6.18	6.17		4.65	4.65		2.5			
03/06/2020	10:50	Fine	Surface	27.90	27.90	27.90	7.38	7.38	7.4	0.33	0.33	0.33	96.0	96.0	95.95	7.46	7.48	7.5	16.36	16.53	16.4	11.1	11.3
	10:52			27.90	27.90		7.38	7.38		0.33	0.33		95.8	96.0		7.46	7.46		16.38	16.39		11.4	
05/06/2020	12:05	Cloudy	Surface	29.20	29.20	29.30	7.74	7.74	7.7	0.14	0.14	0.14	92.3	92.9	93.08	7.76	7.82	7.8	3.84	3.89	3.9	4.0	3.9
	12:07			29.40	29.40		7.74	7.74		0.14	0.14		93.3	93.8		7.86	7.91		3.88	3.88		3.7	
08/06/2020	15:45	Rainy	Surface	24.20	24.20	24.15	7.80	7.80	7.8	0.13	0.13	0.13	79.5	79.6	79.70	5.25	5.25	6.5	88.80	88.75	88.9	104.0	104.5
	15:47			24.10	24.10		7.82	7.82		0.13	0.13		79.7	80.0		7.76	7.79		88.60	89.34		105.0	
10/06/2020	11:37	Fine	Surface	32.10	32.10	32.20	7.94	7.94	7.9	0.10	0.10	0.10	80.8	81.4	81.45	6.78	6.84	6.8	13.01	13.08	13.1	28.6	28.9
	11:39			32.30	32.30		7.94	7.94		0.10	0.10		81.4	82.2		6.84	6.92		13.15	13.13		29.2	
12/06/2020	11:46	Fine	Surface	31.90	31.90	32.00	7.75	7.75	7.8	0.09	0.09	0.09	77.1	77.9	78.20	5.53	5.62	5.6	3.83	3.83	3.8	2.0	2.3
	11:48			32.10	32.10		7.77	7.77		0.09	0.09		78.8	79.0		5.71	5.73		3.83	3.86		2.6	
15/06/2020	11:15	Fine	Surface	27.60	27.60	27.60	7.92	7.92	7.9	0.27	0.27	0.27	100.9	100.7	100.25	7.93	7.90	7.9	20.83	20.82	20.8	11.0	10.7
	11:17			27.60	27.60		7.92	7.92		0.27	0.27		99.3	100.1		7.80	7.86		20.81	20.74		10.3	
17/06/2020	11:00	Fine	Surface	27.80	27.80	27.85	7.83	7.83	7.9	0.27	0.27	0.27	104.6	101.2	100.43	8.20	7.93	7.9	6.65	6.65	6.6	4.7	4.5
	11:02			27.90	27.90		7.88	7.88		0.27	0.27		98.8	97.1		7.74	7.60		6.61	6.34		4.2	
19/06/2020	15:55	Fine	Surface	28.70	28.70	29.05	7.55	7.55	7.6	0.29	0.29	0.29	90.6	90.7	90.23	6.95	6.95	6.9	2.71	2.71	2.5	1.9	1.7
	15:57			29.40	29.40		7.60	7.60		0.29	0.29		90.1	89.5		6.89	6.84		2.34	2.34		1.5	
22/06/2020	10:55	Fine	Surface	27.90	27.90	28.05	7.54	7.54	7.6	0.28	0.28	0.28	98.0	91.7	91.10	7.66	7.18	7.1	3.23	3.10	3.1	3.0	3.2
	10:57			28.20	28.20		7.61	7.61		0.28	0.28		88.0	86.7		6.81	6.77		3.09	3.09		3.3	
24/06/2020	15:10	Fine	Surface	29.00	29.00	29.15	7.60	7.60	7.6	0.30	0.30	0.30	86.3	86.1	86.30	6.61	6.59	6.6	3.75	3.68	3.7	2.6	2.8
	15:12			29.30	29.30		7.64	7.64		0.30	0.30		86.2	86.6		6.60	6.62		3.67	3.66		2.9	
26/06/2020	10:30	Fine	Surface	28.50	28.50	28.60	8.11	8.11	8.1	0.32	0.32	0.32	96.0	96.2	95.63	7.41	7.42	7.4	5.04	5.04	5.0	3.0	3.1
	10:32			28.70	28.70		8.12	8.12		0.32	0.32		95.5	94.8		7.37	7.31		5.03	5.01		3.2	
29/06/2020	10:30	Fine	Surface	28.10	28.10	28.25	7.71	7.71	7.7	0.27	0.27	0.27	91.0	90.7	91.60	7.08	7.05	7.1	16.36	16.75	16.5	10.0	9.8
	10:32			28.40	28.40		7.74	7.74		0.27	0.27		92.1	92.6		7.15	7.19		16.46	16.5		9.6	

Remarks:  
 Single underline denotes exceedance over Action Level.  
 Double underline denotes exceedance over Limit Level.



Water Monitoring Result at Monitoring Station AC1 - Channelized nullah across the Project site (Upstream Reference Station)

Date	Time	Weather Condition	Sampling Depth m	Water Temperature °C			pH			Salinity ppt			DO Saturation %			DO mg/L			Turbidity NTU			Suspended Solids mg/L	
				Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Average
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
01/06/2020	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
03/06/2020	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
05/06/2020	-	Cloudy	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
08/06/2020	13:40	Rainy	Surface	25.40	25.40	25.35	7.75	7.75	7.76	0.04	0.04	0.04	95.0	95.1	95.20	7.70	7.71	7.72	12.71	12.69	12.80	20.7	20.90
-	13:42			25.30	25.30		7.76	7.76		0.04	0.04		95.2	95.5		7.71	7.74		12.87	12.92		21.1	
10/06/2020	09:37	Fine	Surface	32.20	32.20	32.30	7.73	7.73	7.74	0.08	0.08	0.08	91.3	91.8	92.25	7.66	7.71	7.76	10.23	10.24	10.27	49.8	49.10
-	09:39			32.40	32.40		7.74	7.74		0.08	0.08		92.5	93.4		7.78	7.87		10.28	10.31		48.4	
12/06/2020	09:37	Fine	Surface	31.10	31.10	31.20	7.84	7.84	7.85	0.09	0.09	0.09	86.6	86.9	86.98	6.58	6.67	6.64	14.32	14.33	14.34	7.3	7.35
-	09:39			31.30	31.30		7.86	7.86		0.09	0.09		86.9	87.5		6.62	6.68		14.33	14.36		7.4	
15/06/2020	12:20	Fine	Surface	25.90	25.90	26.00	7.64	7.64	7.64	0.03	0.03	0.03	95.9	96.3	96.35	7.78	7.82	7.82	12.60	12.59	12.60	4.4	9.25
-	12:22			26.10	26.10		7.64	7.64		0.03	0.03		96.5	96.7		7.83	7.85		12.62	12.58		14.1	
17/06/2020	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-			-	-		-	-		-	-		-	-		-	-		-	-			
19/06/2020	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-			-	-		-	-		-	-		-	-		-	-		-	-			
22/06/2020	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-			-	-		-	-		-	-		-	-		-	-		-	-			
24/06/2020	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-			-	-		-	-		-	-		-	-		-	-		-	-			
26/06/2020	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-			-	-		-	-		-	-		-	-		-	-		-	-			
29/06/2020	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-			-	-		-	-		-	-		-	-		-	-		-	-			

Remarks:

Upstream Monitoring Station (Monitoring Station AC1) would be taken as reference for exceedance investigation only.



Water Monitoring Result at Monitoring Station AC2 - Channelized nullah across the Project site (Upstream Reference Station)

Date	Time	Water Condition	Sampling Depth m	Water Temperature °C			pH			Salinity ppt			DO Saturation %			DO mg/L			Turbidity NTU			Suspended Solids mg/L	
				Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value
01/06/2020	09:51	Fine	Surface	32.60	32.60	32.65	7.42	7.42	7.4	0.13	0.13	0.13	75.7	75.8	75.98	5.40	5.41	5.4	13.02	13.05	13.1	4.7	4.6
	09:53			32.70	32.70		7.42	7.42		0.13	0.13		75.9	76.5		5.42	5.48		13.09	13.13		4.5	
03/06/2020	11:55	Fine	Surface	26.30	26.30	26.30	7.80	7.80	7.8	0.10	0.10	0.10	98.1	97.5	97.53	7.89	7.85	7.8	6.91	6.92	7.0	12.2	11.9
	11:57			26.30	26.30		7.80	7.80		0.10	0.10		97.0	97.5		7.80	7.83		6.98	6.99		11.5	
05/06/2020	10:00	Cloudy	Surface	29.00	29.00	29.10	7.57	7.57	7.6	0.05	0.05	0.05	89.2	89.8	89.88	7.62	7.68	7.7	3.88	3.82	3.9	1.4	1.3
	10:02			29.20	29.20		7.58	7.58		0.05	0.05		90.2	90.3		7.72	7.73		3.84	3.87		1.1	
08/06/2020	13:45	Rainy	Surface	25.00	25.00	25.05	7.71	7.71	7.7	0.03	0.03	0.03	95.5	96.0	95.93	7.75	7.81	7.8	13.85	13.86	13.9	22.7	22.4
	13:47			25.10	25.10		7.70	7.70		0.03	0.03		96.0	96.2		7.85	7.83		13.87	13.90		22.1	
10/06/2020	09:52	Fine	Surface	32.50	32.50	32.60	8.03	8.03	8.0	0.07	0.07	0.07	78.6	79.5	79.83	5.69	5.78	5.8	10.89	10.89	10.9	60.0	49.5
	09:54			32.70	32.70		8.03	8.03		0.07	0.07		80.2	81.0		5.85	5.93		10.92	10.94		38.9	
12/06/2020	10:55	Fine	Surface	31.70	31.70	31.78	7.97	7.97	8.0	0.16	0.16	0.17	84.7	84.8	85.25	6.34	6.38	6.4	13.15	13.17	13.1	7.8	7.9
	10:57			31.80	31.90		7.98	7.98		0.17	0.17		85.6	85.9		6.47	6.51		13.15	13.11		8	
15/06/2020	12:30	Fine	Surface	26.40	26.40	26.45	7.47	7.47	7.5	0.06	0.06	0.06	93.4	93.8	93.53	7.52	7.55	7.5	39.41	39.39	39.4	197.0	177.0
	12:32			26.50	26.50		7.47	7.47		0.06	0.06		93.4	93.5		7.52	7.52		39.35	39.36		157	
17/06/2020	10:07	Fine	Surface	26.20	26.20	26.35	8.32	8.32	8.3	0.35	0.35	0.34	97.4	91.9	94.98	7.83	7.79	7.7	16.55	16.47	16.2	95.6	84.2
	10:09			26.50	26.50		8.33	8.33		0.33	0.33		96.2	94.4		7.73	7.59		15.89	15.76		72.8	
19/06/2020	14:52	Fine	Surface	27.00	27.00	27.25	7.26	7.26	7.3	0.06	0.06	0.06	88.1	89.6	88.98	7.00	7.11	7.1	26.91	26.87	26.7	33.1	33.1
	14:54			27.50	27.50		7.31	7.31		0.06	0.06		89.2	89.0		7.07	7.05		26.61	26.38		33	
22/06/2020	10:05	Fine	Surface	26.50	26.50	26.45	7.35	7.35	7.4	0.07	0.07	0.07	79.1	81.1	82.50	6.34	6.50	6.6	10.43	10.43	10.4	4.2	4.4
	10:07			26.40	26.40		7.36	7.36		0.07	0.07		85.5	84.3		6.85	6.74		10.35	10.25		4.6	
24/06/2020	13:50	Fine	Surface	29.50	29.50	29.30	7.40	7.40	7.4	0.10	0.10	0.11	83.3	85.1	85.73	6.42	6.59	6.6	19.04	19.69	18.0	56.5	52.9
	13:52			29.10	29.10		7.40	7.40		0.11	0.11		87.2	87.3		6.70	6.71		16.75	16.55		49.2	
26/06/2020	11:25	Fine	Surface	26.70	26.70	26.80	7.80	7.80	7.8	0.06	0.06	0.06	84.6	83.8	84.53	6.83	6.52	6.8	14.10	14.50	14.3	370	325.5
	11:27			26.90	26.90		7.79	7.79		0.06	0.06		85.0	84.7		6.88	6.86		14.20	14.30		281	
29/06/2020	09:40	Fine	Surface	27.30	27.30	27.50	7.43	7.43	7.4	0.08	0.08	0.08	86.8	88.5	88.13	6.86	6.99	7.0	11.98	11.43	11.5	53.5	42.2
	09:42			27.70	27.70		7.41	7.41		0.08	0.08		88.7	88.5		7.00	6.99		11.32	11.24		30.8	

Remarks:

Upstream Monitoring Station (Monitoring Station AC2) would be taken as reference for exceedance investigation only.



Water Monitoring Result at Monitoring Station AC3 - Channelized nullah across the Project site (Upstream Reference Station)

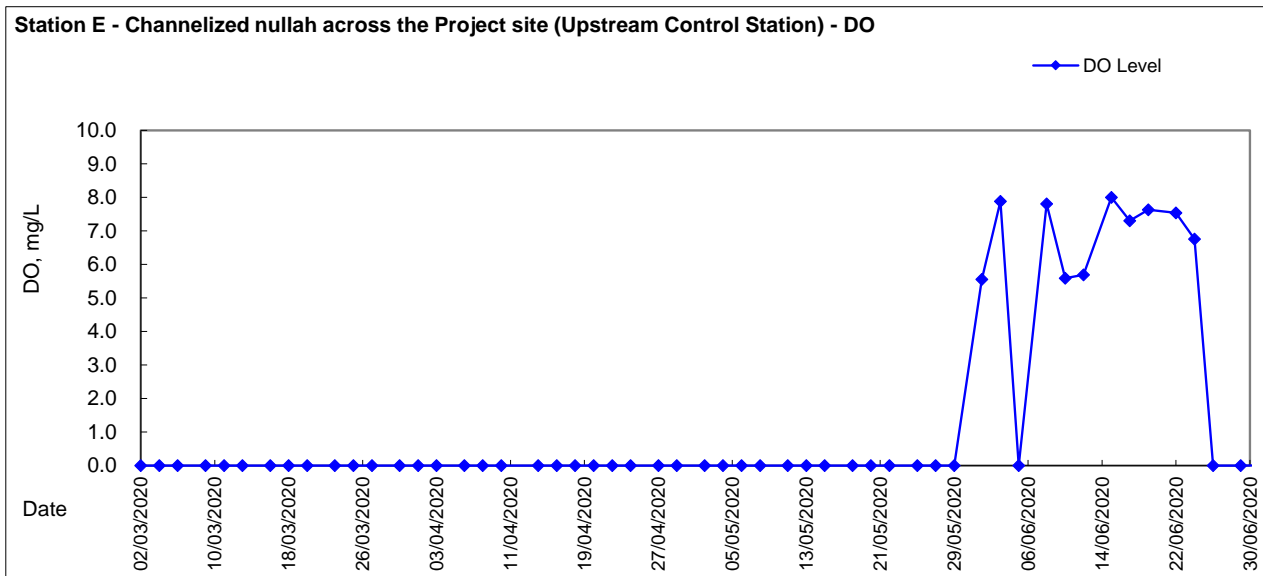
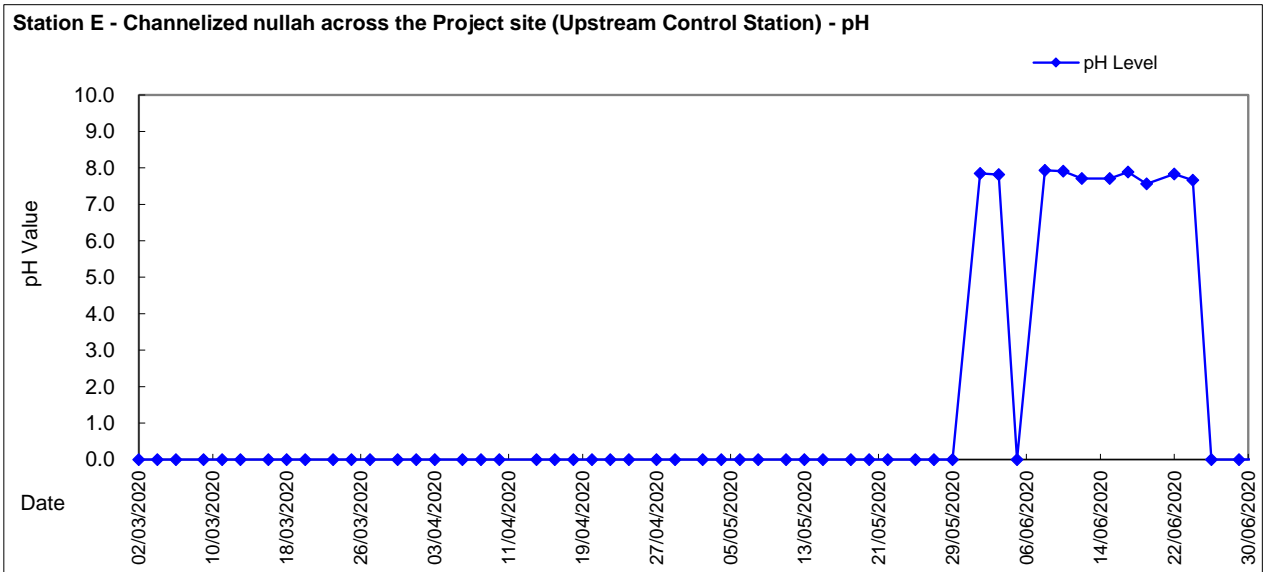
Date	Time	Weather Condition	Sampling Depth m	Water Temperature °C			pH			Salinity ppt			DO Saturation %			DO mg/L			Turbidity NTU			Suspended Solids mg/L	
				Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Average
				01/06/2020	10:10	Fine	Surface	32.10	32.10	32.20	7.91	7.91	7.9	0.13	0.13	0.13	78.7	79.1	79.33	5.70	5.74	5.8	10.23
	10:10	32.30	32.30	7.91	7.91			0.13	0.13		79.5	80.0		5.78	5.83		10.26	10.29		6.2			
03/06/2020	11:50	Fine	Surface	26.20	26.20	26.30	7.89	7.89	7.9	0.05	0.05	0.05	96.3	96.5	96.50	7.77	7.79	7.8	9.65	9.66	9.6	2	2.1
	11:52			26.40	26.40		7.87	7.87		0.05	0.05		96.6	96.6		7.79	7.79		9.62	9.63		2.1	
05/06/2020	09:53	Cloudy	Surface	30.10	30.10	30.15	7.79	7.79	7.8	0.10	0.10	0.10	90.5	90.8	91.05	7.58	7.61	7.6	2.73	2.73	2.7	1.1	1.1
	09:55			30.20	30.20		7.81	7.81		0.10	0.10		91.2	91.7		7.65	7.70		2.75	2.77		1.1	
08/06/2020	14:02	Rainy	Surface	25.00	25.00	25.00	7.80	7.80	7.8	0.04	0.04	0.04	93.5	93.6	93.90	7.52	7.53	7.6	110.10	110.20	110.5	331	268.0
	14:04			25.00	25.00		7.82	7.82		0.04	0.04		94.0	94.1		7.59	7.60		110.50	111.10		205.0	
10/06/2020	10:12	Fine	Surface	31.70	31.70	31.75	8.22	8.22	8.2	0.13	0.13	0.13	78.2	79.0	79.08	5.65	5.73	5.7	20.57	20.63	20.6	28.1	28.0
	10:14			31.80	31.80		8.22	8.22		0.13	0.13		79.1	80.0		5.74	5.83		20.67	20.66		27.9	
12/06/2020	10:47	Fine	Surface	31.10	31.20	31.18	8.22	8.22	8.2	0.14	0.14	0.14	79.2	79.8	80.10	5.75	5.81	5.8	15.68	15.68	15.7	10.9	11.1
	10:49			31.20	31.20		8.23	8.23		0.14	0.14		80.3	81.1		5.86	5.94		15.72	15.77		11.2	
15/06/2020	12:25	Fine	Surface	26.30	26.30	26.35	7.57	7.57	7.6	0.05	0.05	0.05	95.4	96.2	95.68	7.69	7.75	7.7	19.46	19.45	19.5	4.5	4.9
	12:27			26.40	26.40		7.57	7.57		0.05	0.05		96.3	94.8		7.76	7.64		19.48	19.44		5.3	
17/06/2020	10:15	Fine	Surface	25.30	25.30	25.85	7.91	7.91	7.7	0.05	0.05	0.05	96.0	96.6	95.93	7.81	7.92	7.8	11.22	11.19	15.3	3.8	4.6
	10:17			25.60	25.60		7.85	7.85		0.06	0.06		96.8	94.4		7.93	7.74		11.17	11.17		4.0	
19/06/2020	15:15	09:36	Surface	27.80	27.70	26.71	7.28	7.28	7.6	0.06	0.06	0.06	91.4	91.0	93.55	7.13	7.11	7.5	9.39	9.46	10.3	4.4	4.1
	15:17			28.20	28.20		7.27	7.27		0.06	0.06		91.1	91.1		7.10	7.10		9.46	9.43		4.3	
22/06/2020	09:42	Fine	Surface	26.70	26.30	26.40	7.35	7.35	7.4	0.06	0.06	0.06	85.6	87.0	86.95	6.89	7.00	7.0	10.74	10.66	10.6	5.6	5.5
	09:44			26.00	26.60		7.38	7.38		0.06	0.06		87.6	87.6		7.04	7.04		10.57	10.49		5.3	
24/06/2020	14:15	Fine	Surface	26.90	26.90	27.00	7.28	7.28	7.3	0.06	0.06	0.06	90.2	90.1	90.18	7.18	7.17	7.2	10.23	10.00	9.3	4.1	4.3
	14:17			27.10	27.10		7.25	7.25		0.05	0.05		89.4	91.0		7.12	7.23		8.75	8.38		4.4	
26/06/2020	11:20	Fine	Surface	27.00	27.00	27.05	7.78	7.78	7.8	0.08	0.08	0.08	89.5	89.7	89.70	7.15	7.13	7.1	10.36	10.36	10.4	2.3	2.5
	11:22			27.10	27.10		7.79	7.79		0.08	0.08		89.9	89.7		7.15	7.13		10.37	10.38		2.6	
29/06/2020	09:48	Fine	Surface	26.90	26.90	27.00	7.61	7.61	7.6	0.07	0.07	0.07	93.9	94.6	93.95	7.48	7.53	7.5	8.51	8.51	8.7	6.2	6.4
	09:50			27.10	27.10		7.67	7.67		0.07	0.07		94.2	93.1		7.50	7.41		8.78	8.80		6.6	

Remarks:

Upstream Monitoring Station (Monitoring Station AC3) would be taken as reference for exceedance investigation only.



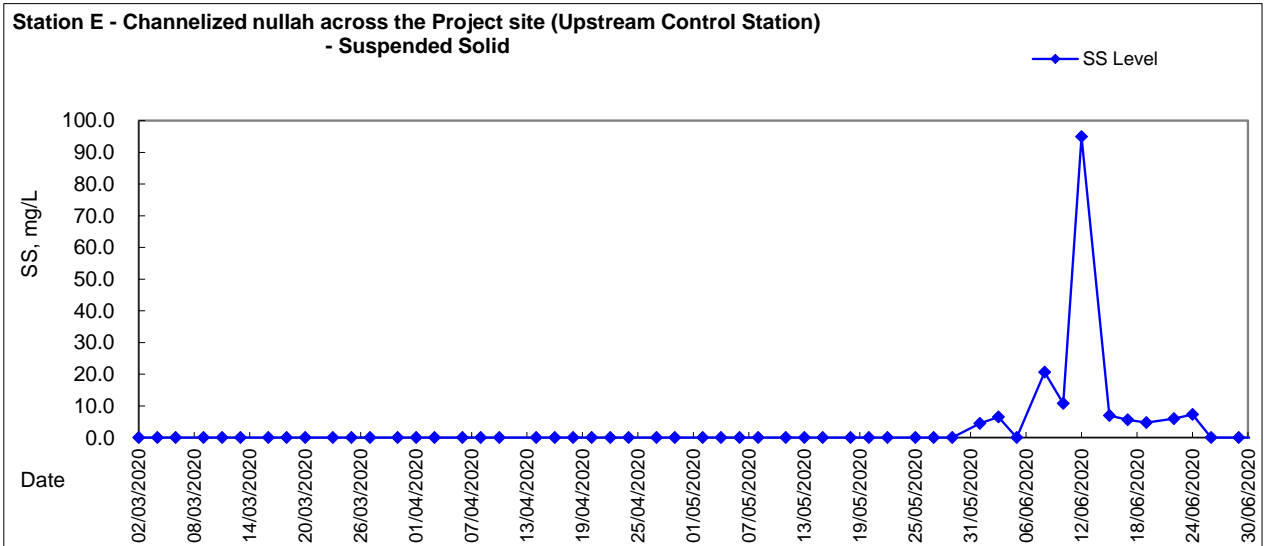
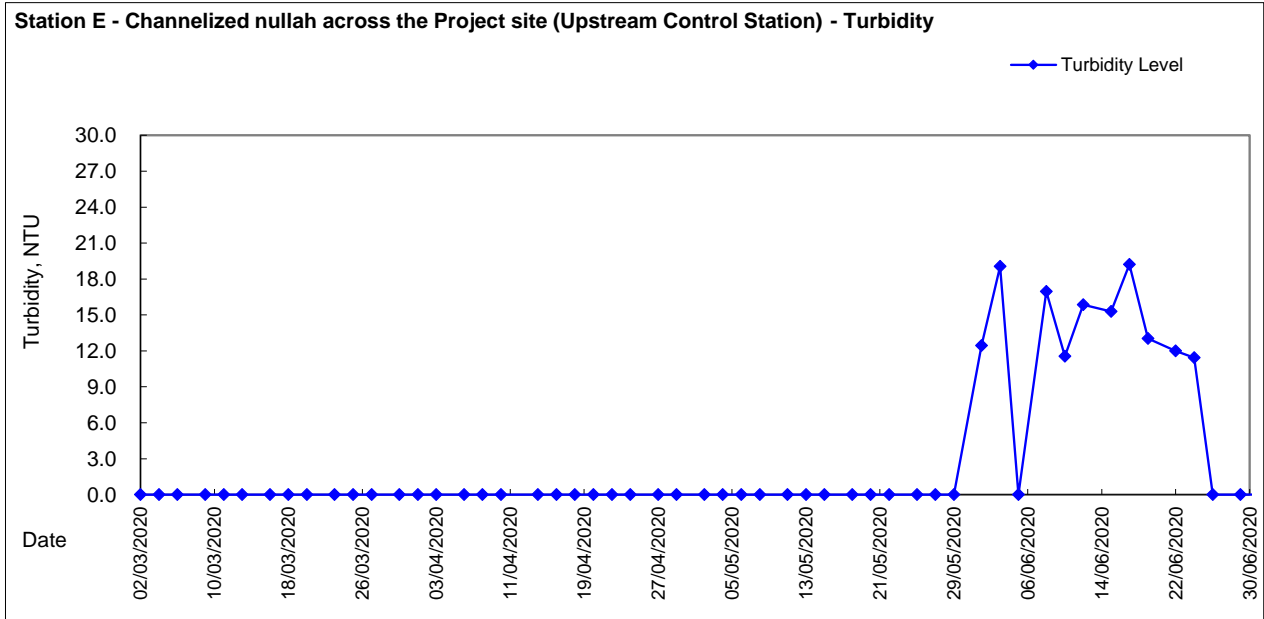
Graphic Presentation of WQM Result





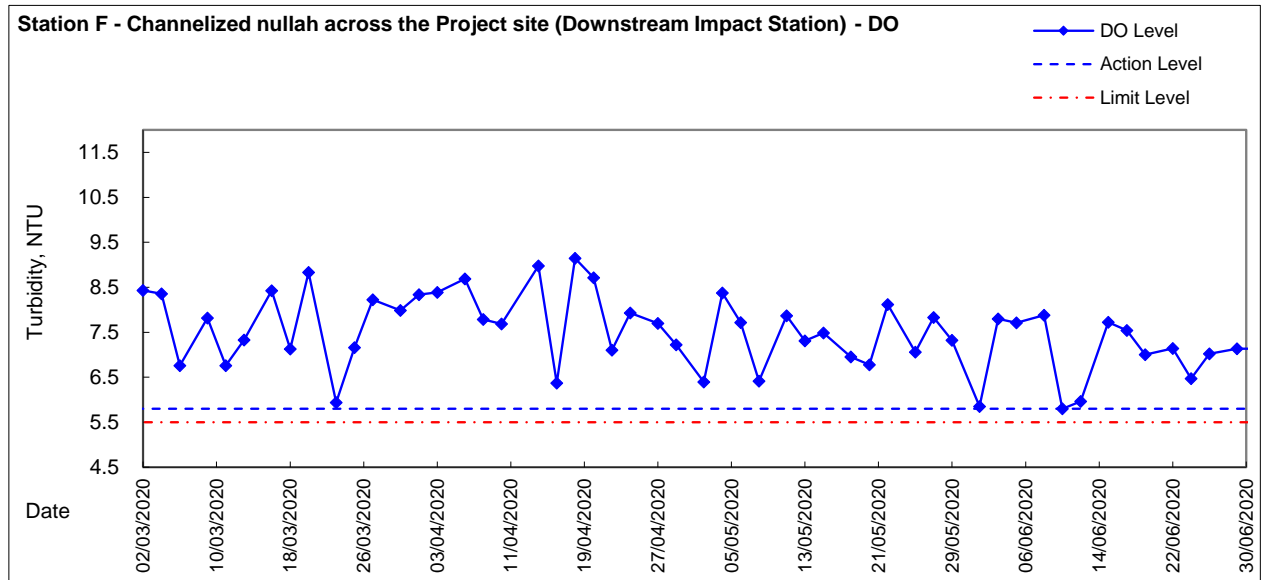
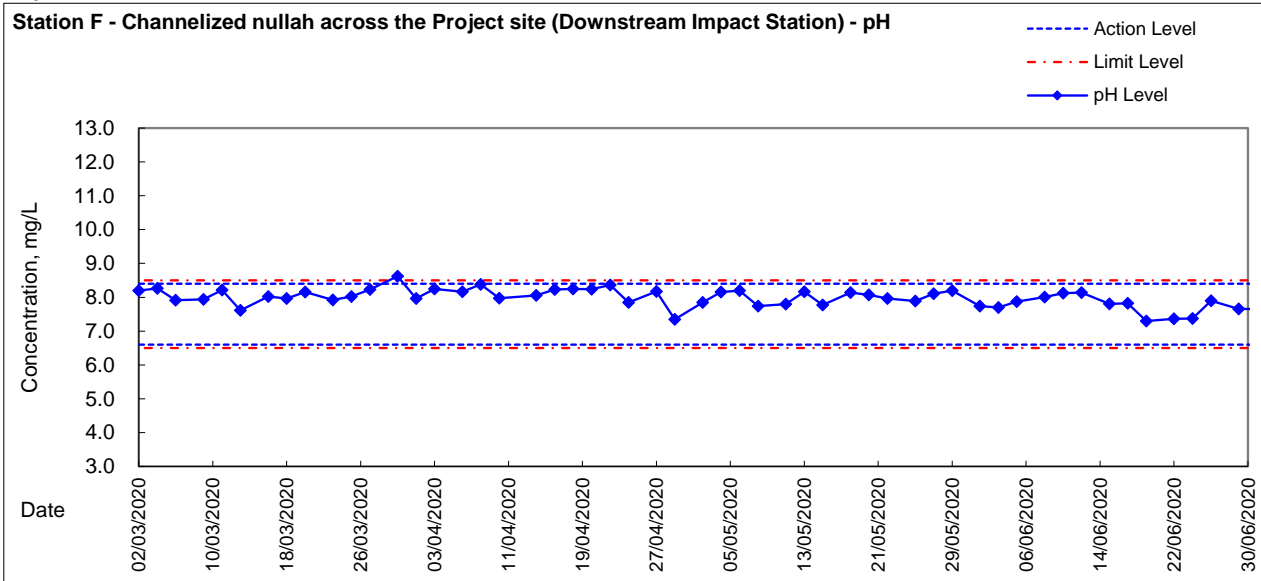


Graphic Presentation of WQM Result



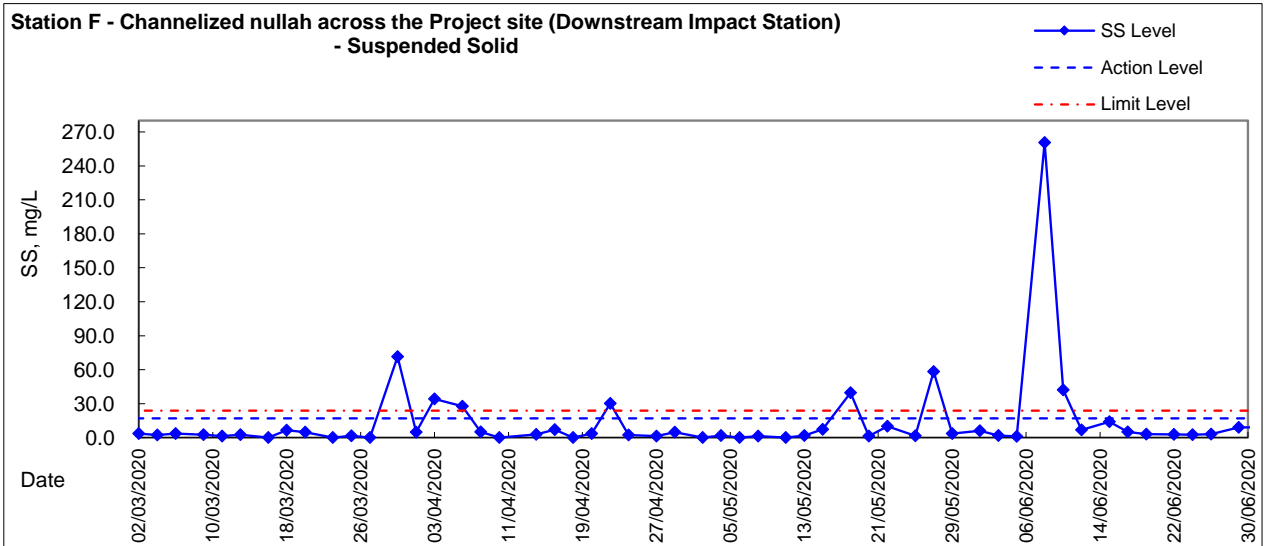
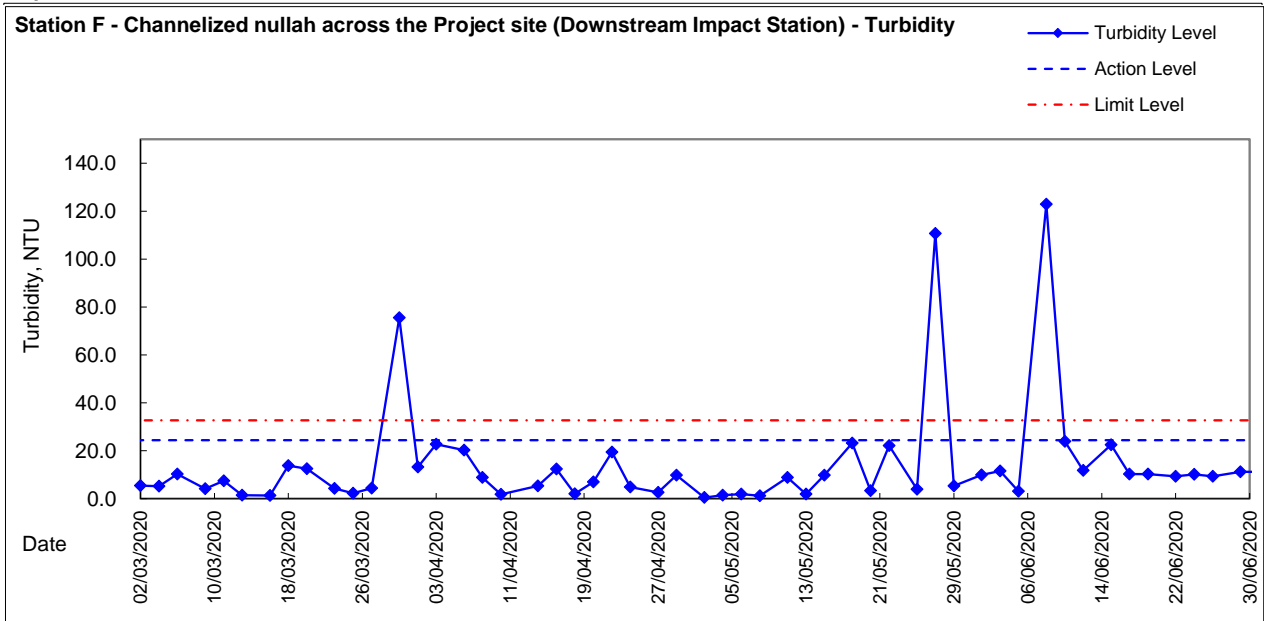


Graphic Presentation of WQM Result



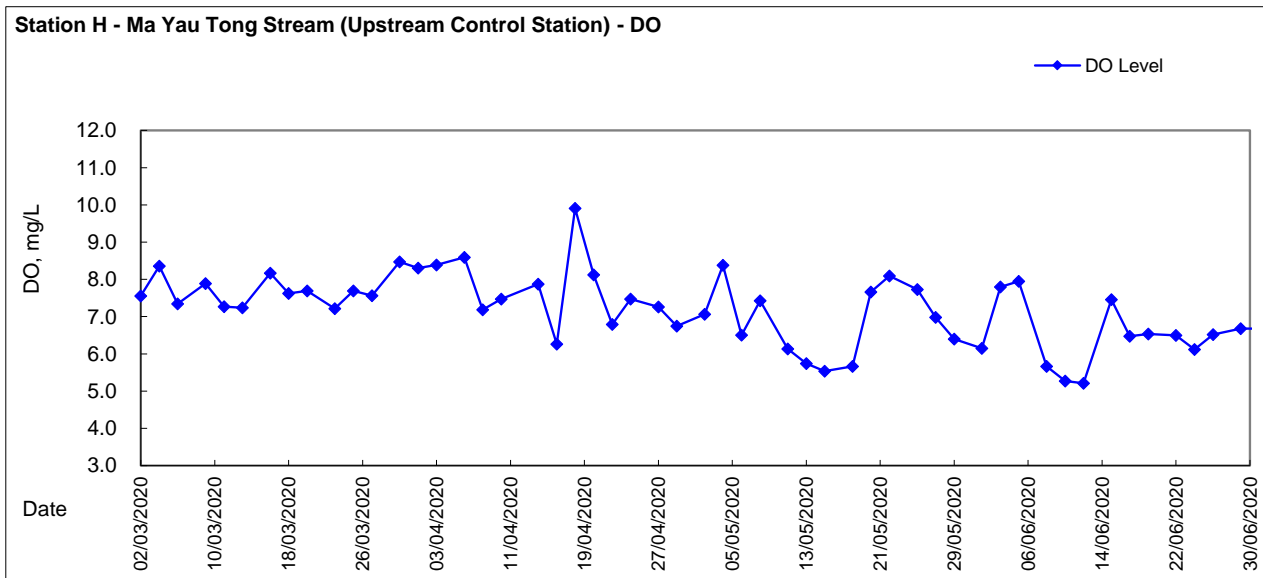
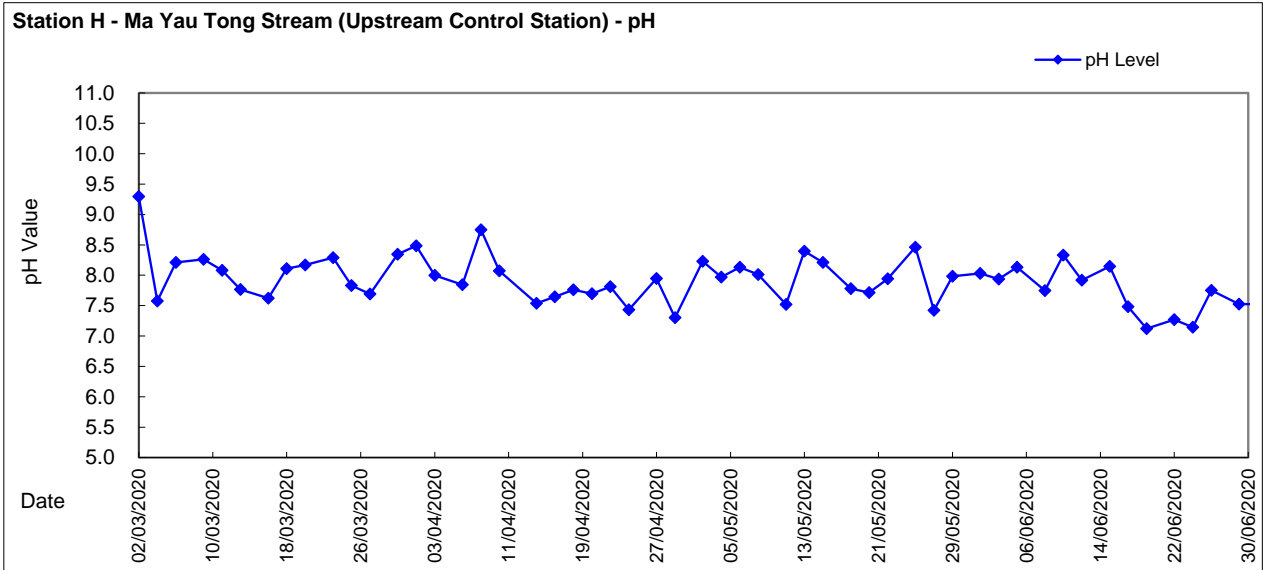


Graphic Presentation of WQM Result



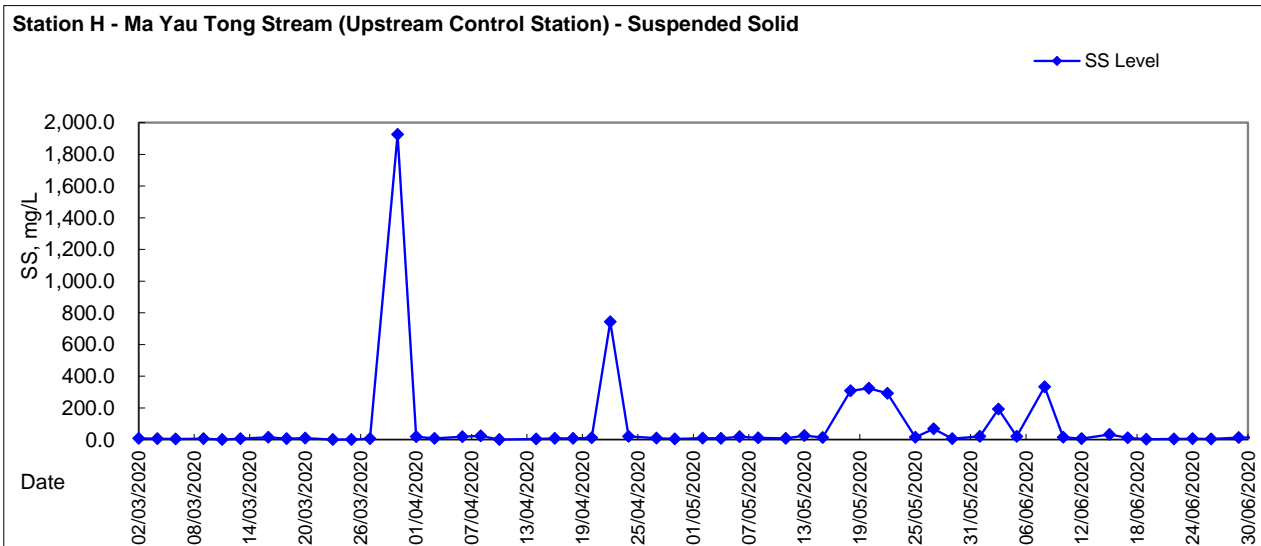
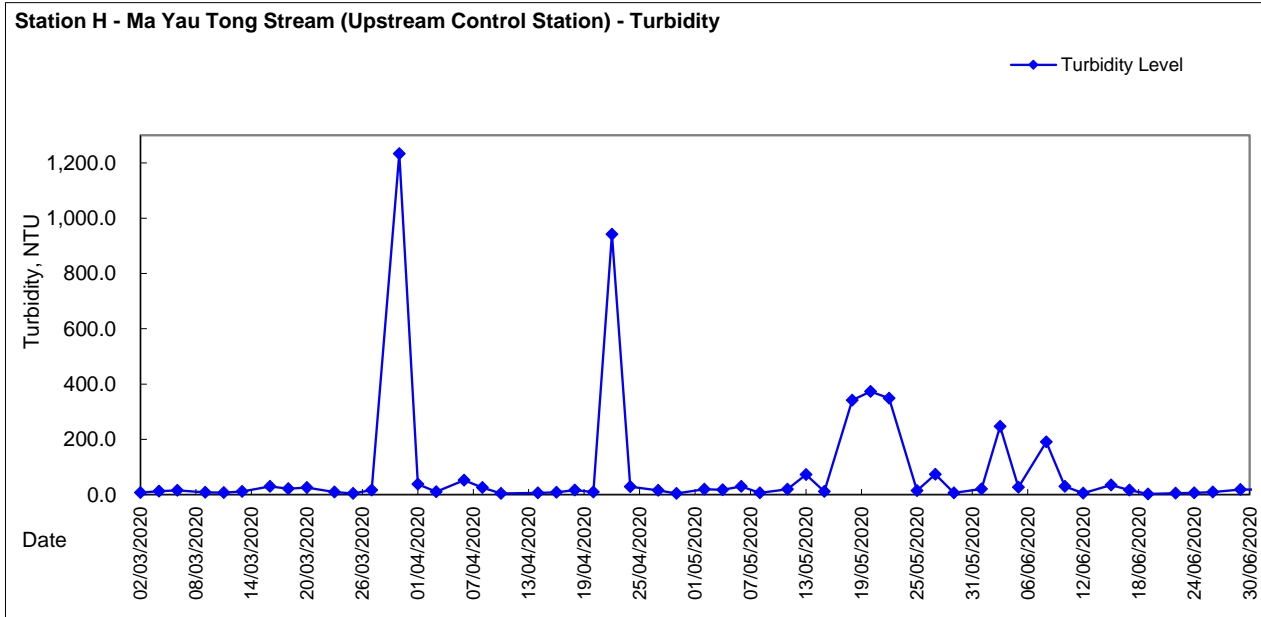


Graphic Presentation of WQM Result



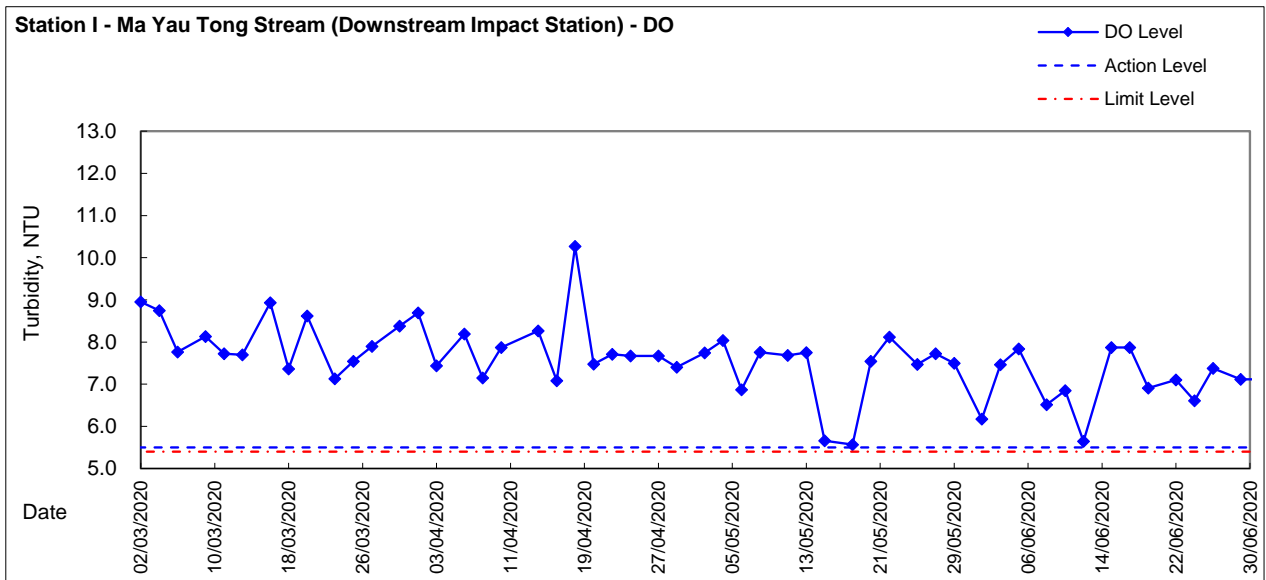
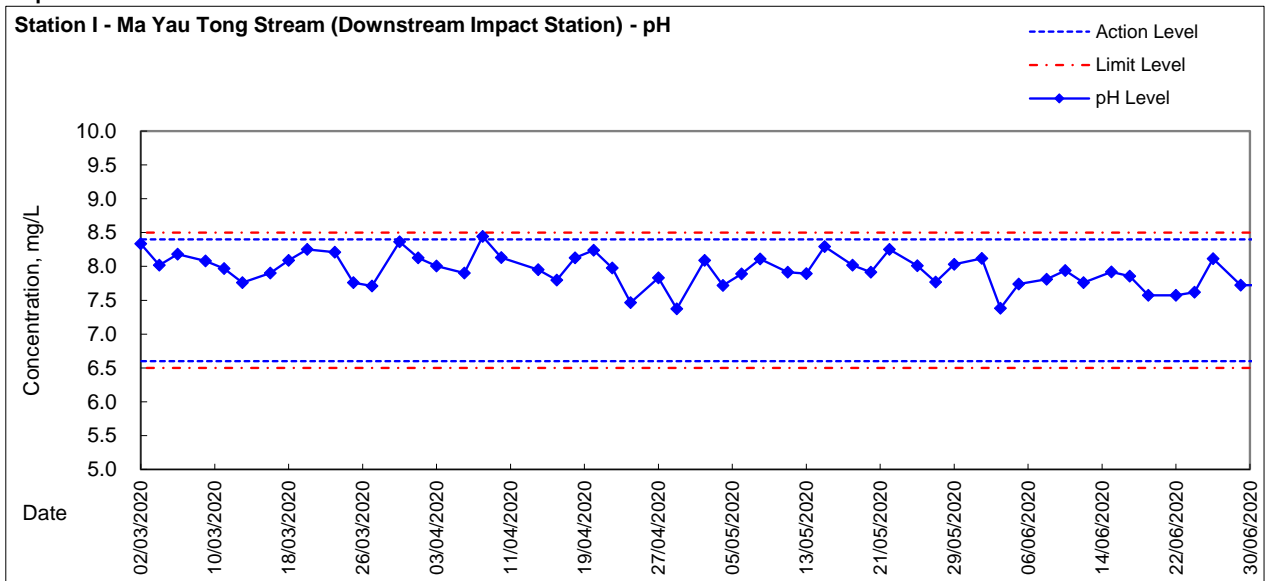


Graphic Presentation of WQM Result



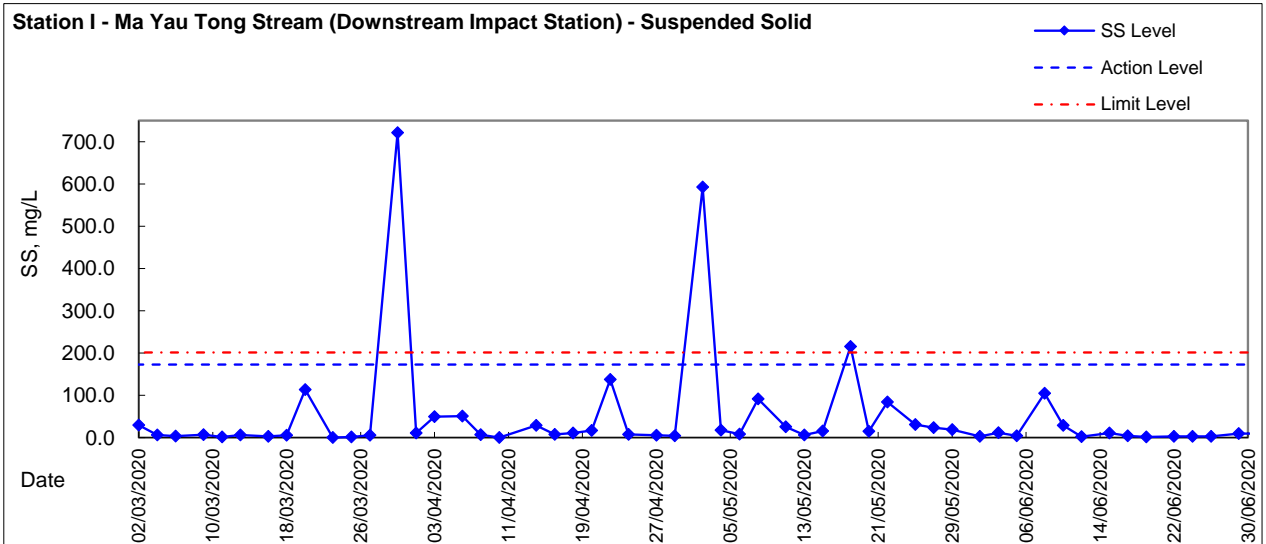
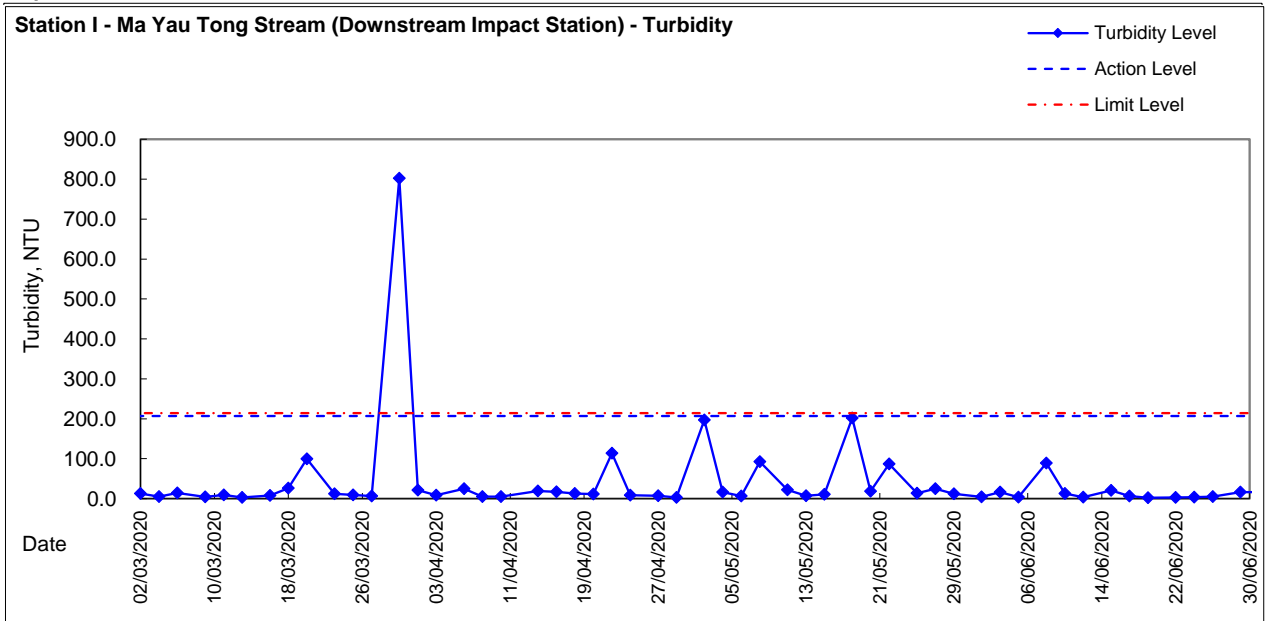


Graphic Presentation of WQM Result



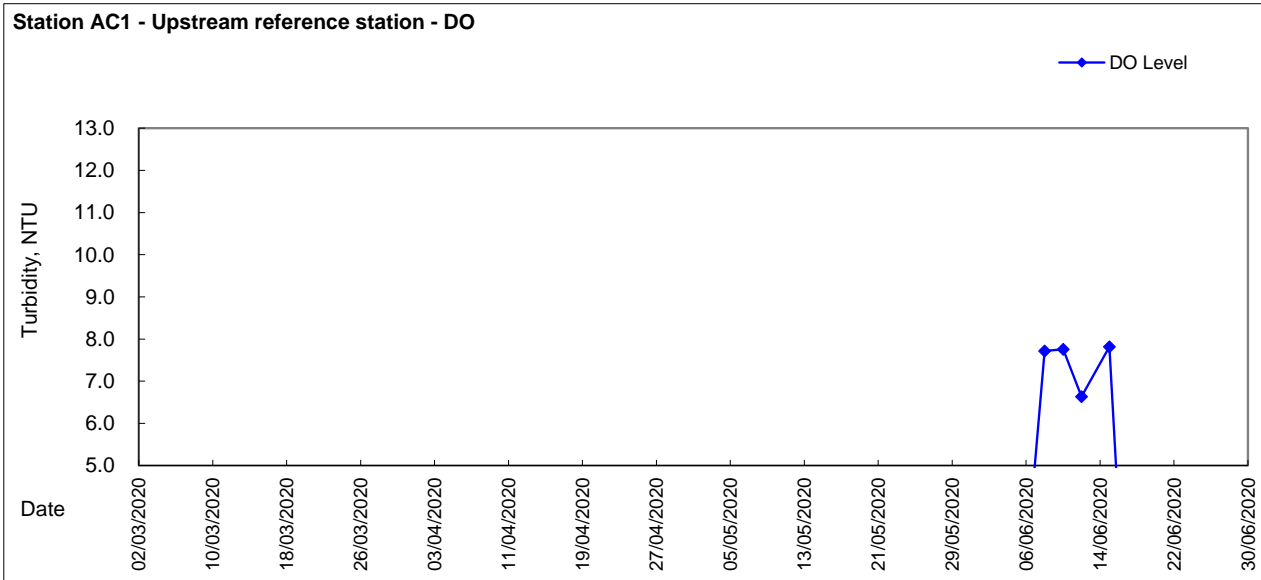
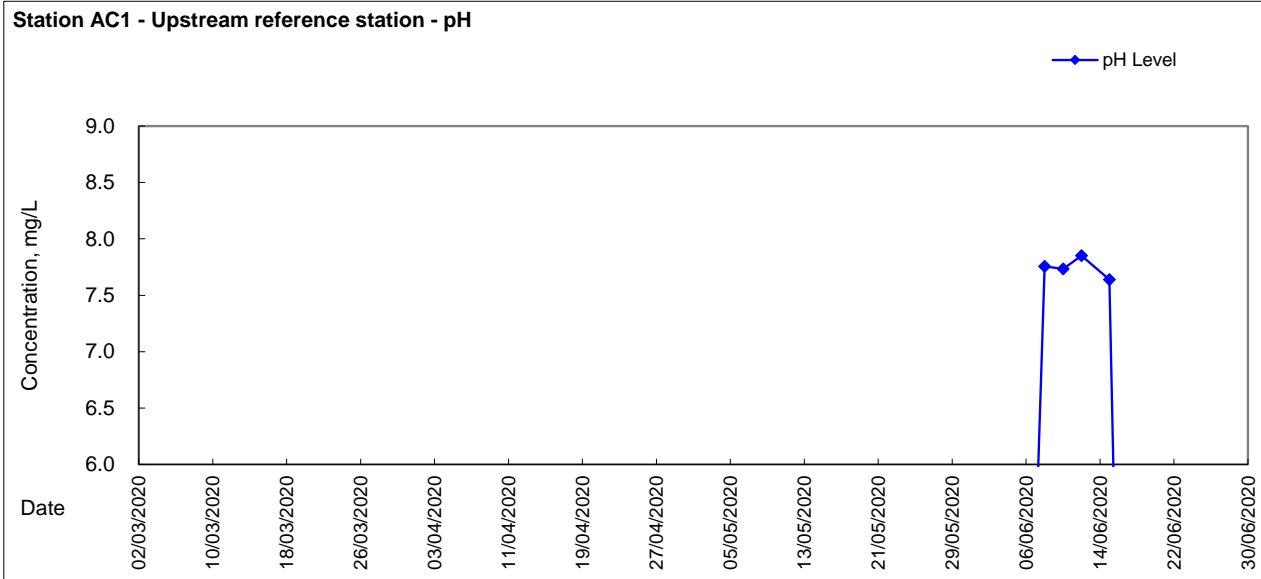


Graphic Presentation of WQM Result





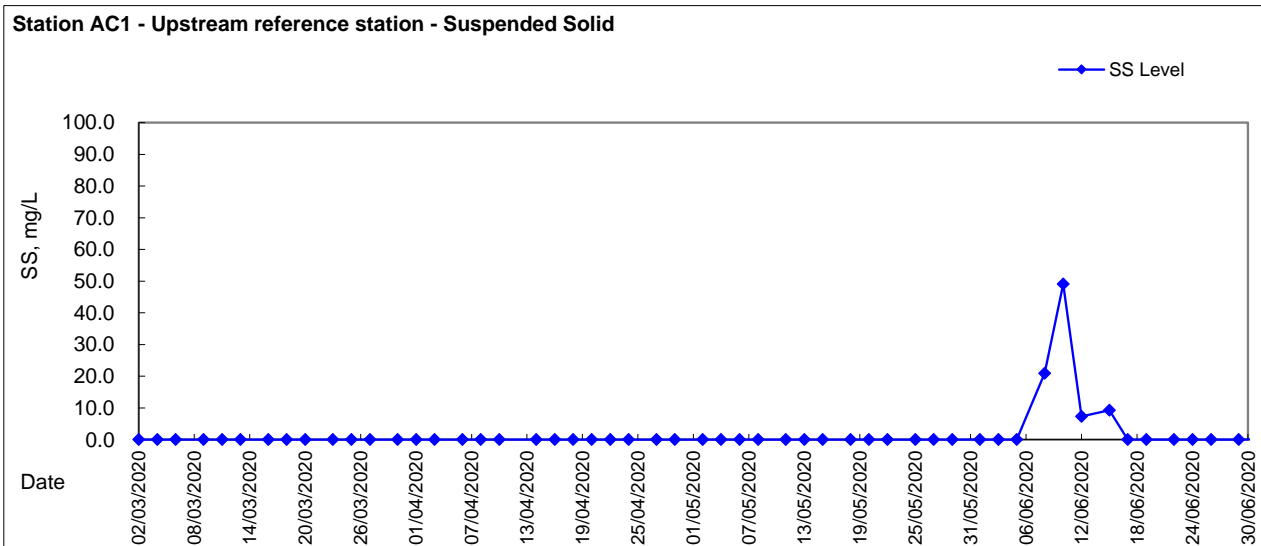
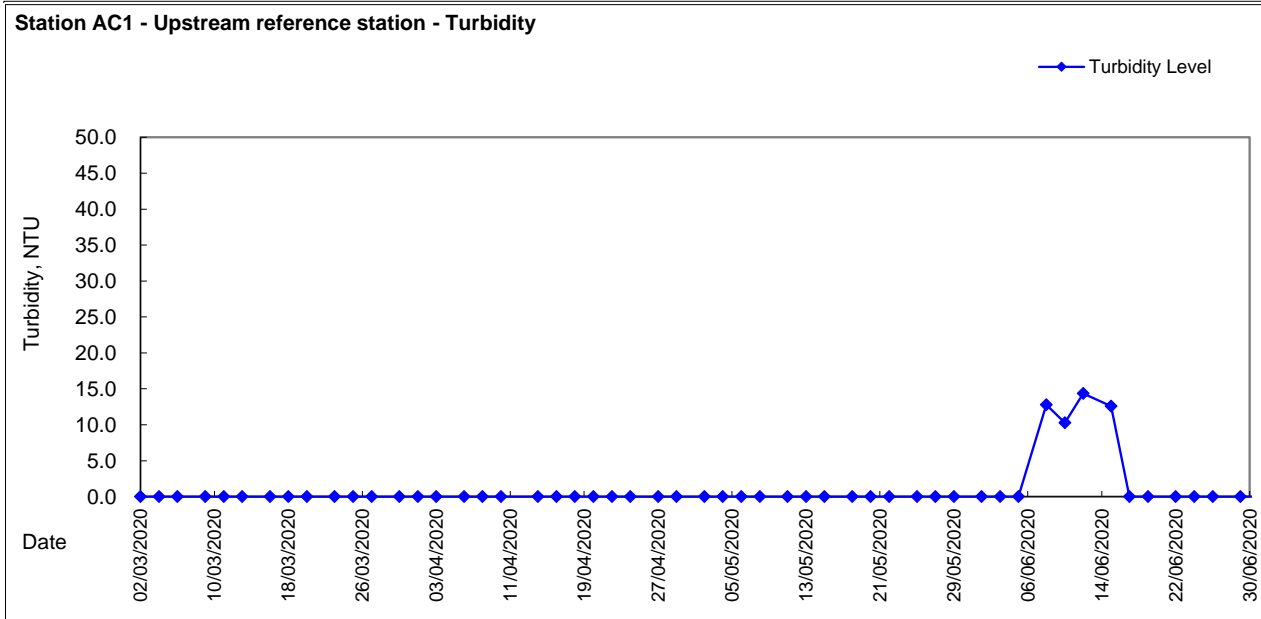
Graphic Presentation of WQM Result





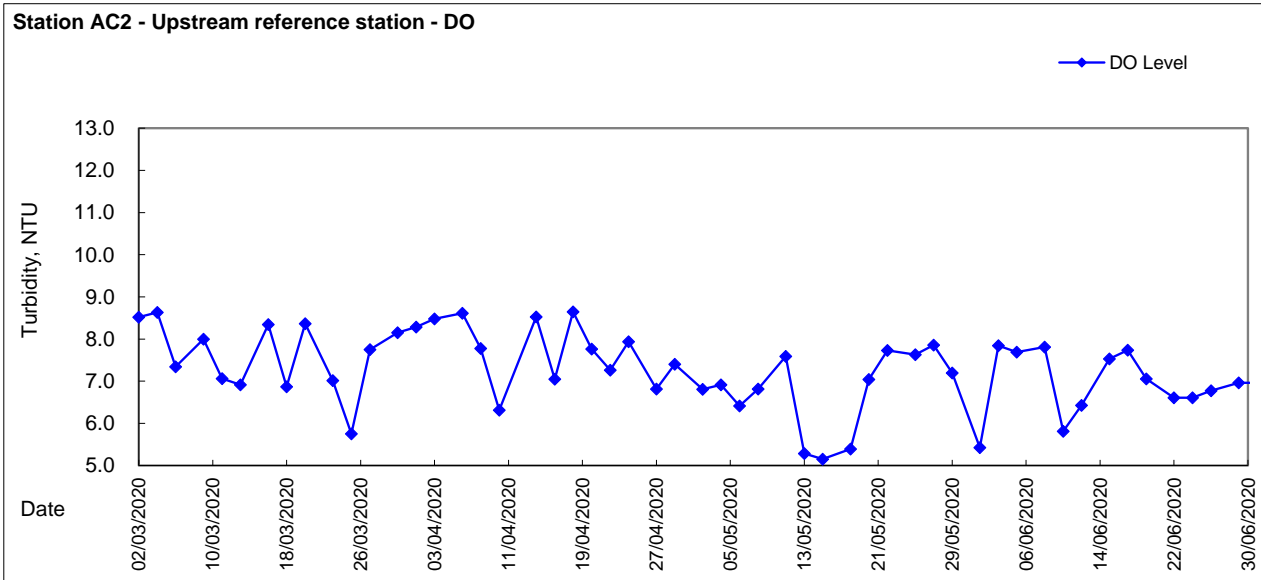
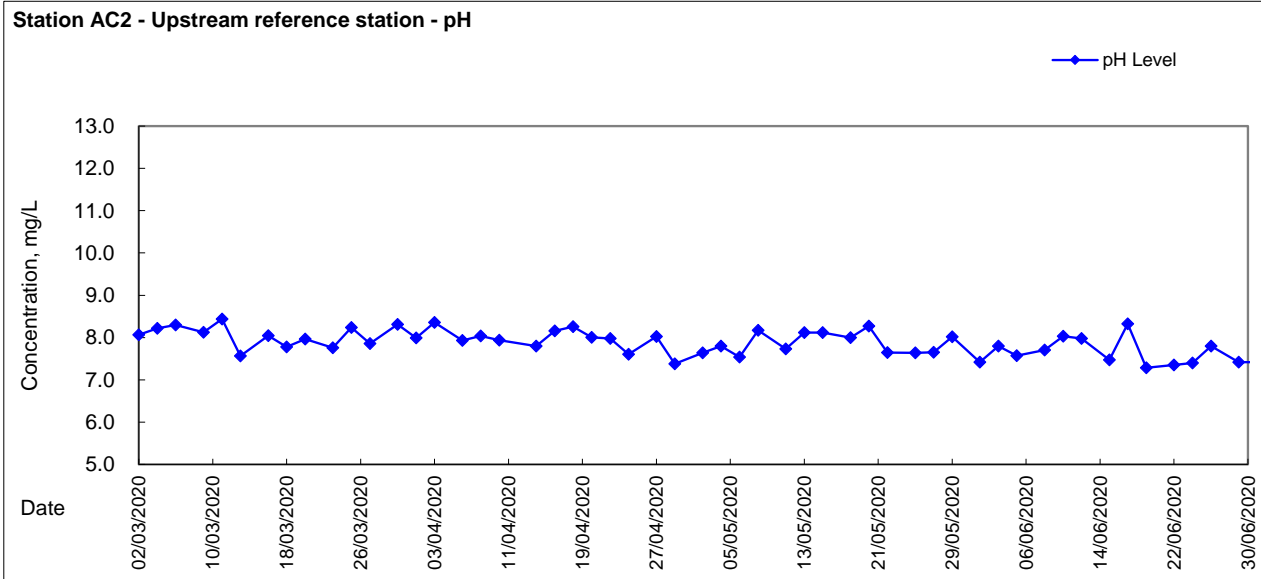


Graphic Presentation of WQM Result



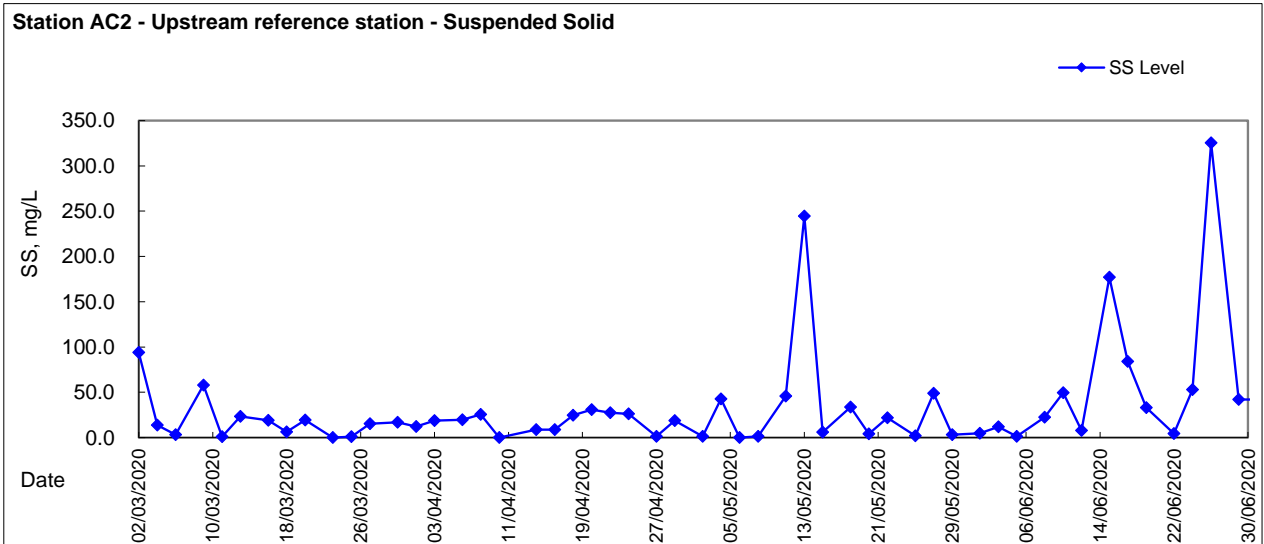
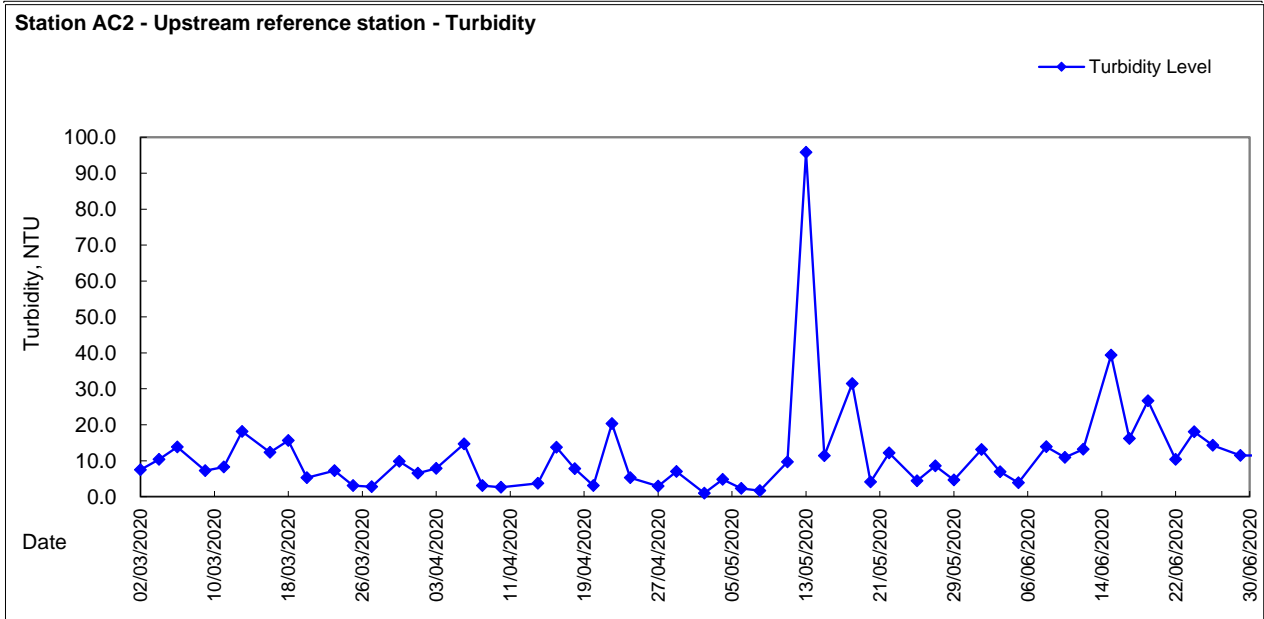


Graphic Presentation of WQM Result



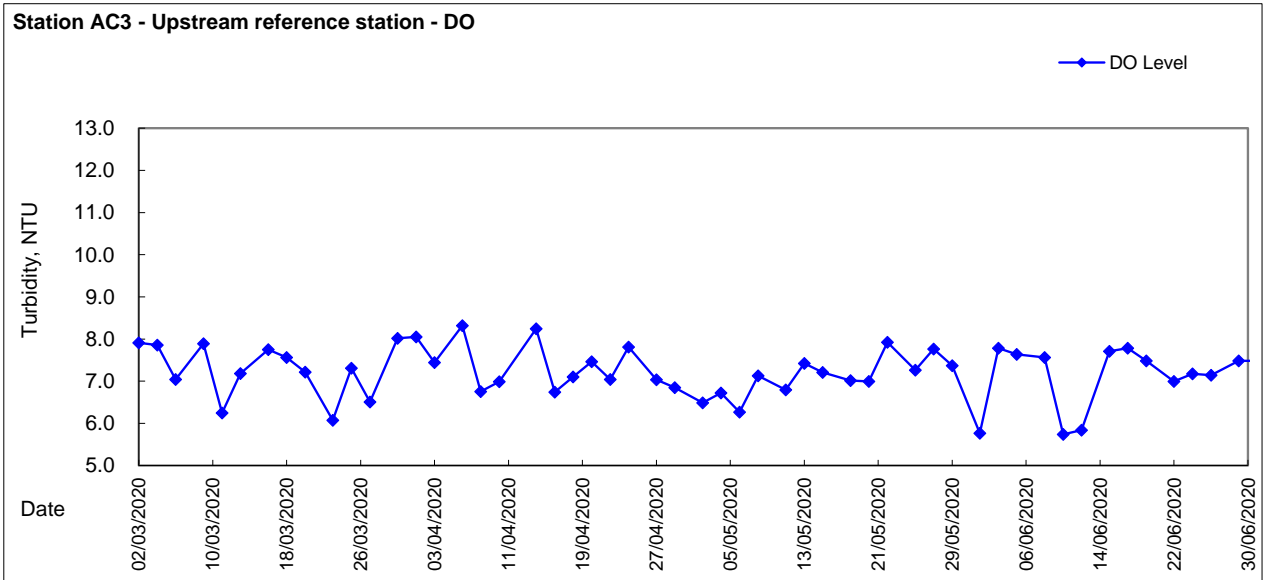
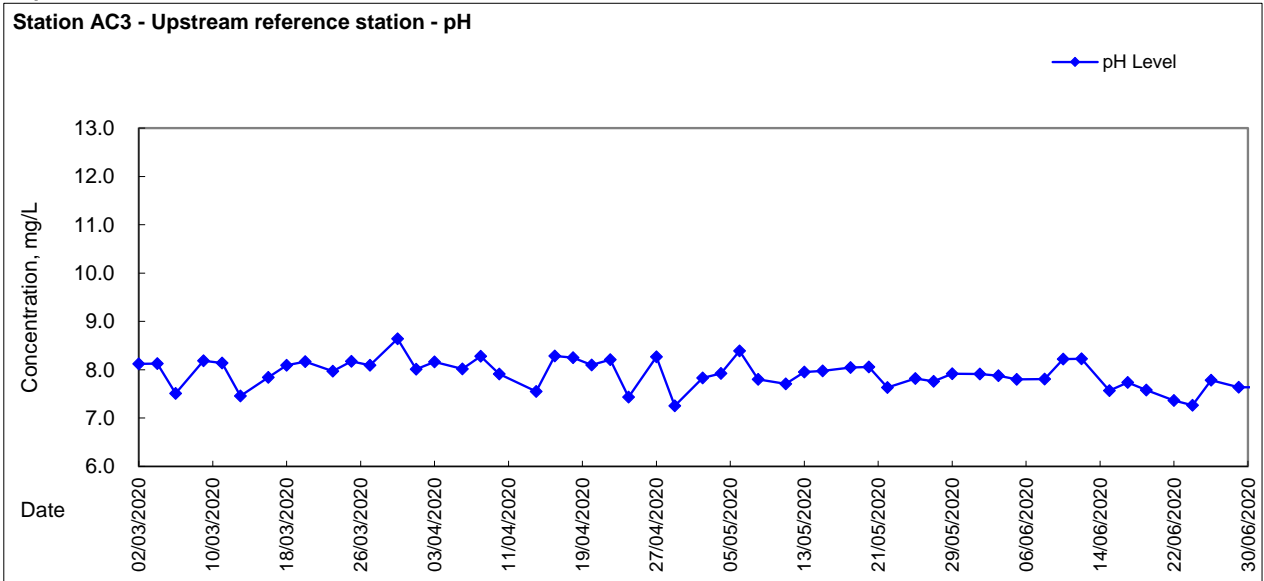


Graphic Presentation of WQM Result





Graphic Presentation of WQM Result





Graphic Presentation of WQM Result

