



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

Date	Time	Weater 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	Average
5/2/2020	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/4/2020	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/6/2020	-	Cloudy	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/8/2020	-	Cloudy	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/11/2020	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/13/2020	-	Cloudy	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/15/2020	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/18/2020	-	Rainy	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/20/2020	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/22/2020	11:35	Cloudy	Surface	24.40	24.40	24.45	7.85	7.85	7.85	0.02	0.02	0.02	96.5	96.9	96.68	8.06	8.10	8.08	19.61	19.60	19.61	7.2	7.40	
	11:37			24.50	24.50		7.85	7.85		0.02	0.02		97.0	96.3		8.10	8.04		19.61	19.61		7.6		
5/25/2020	-	Cloudy	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/27/2020	10:40	Fine	Surface	25.80	25.80	25.95	7.91	7.91	7.91	0.03	0.03	0.03	95.5	96.1	96.00	7.75	7.80	7.79	15.10	15.10	15.10	6.6	9.50	
	10:42			26.10	26.10		7.91	7.91		0.03	0.03		96.3	96.1		7.81	7.79		15.10	15.10		12.4		
5/29/2020	-	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	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Average
02/05/2020	09:32	Fine	Surface	25.30	25.30	25.35	7.85	7.85	7.9	0.05	0.05	0.05	75.4	75.4	75.63	6.37	6.37	6.4	0.40	0.48	0.4	<1.0	<1.0
	09:34			25.40	25.40		7.85	7.85		0.05	0.05		75.6	76.1		6.39	6.44		0.43	0.44			
04/05/2020	12:50	Fine	Surface	27.20	27.30	27.28	8.16	8.16	8.2	0.22	0.22	0.22	104.4	105.3	105.75	8.28	8.34	8.4	1.45	1.46	1.5	1.9	1.8
	12:52			27.30	27.30		8.16	8.15		0.22	0.22		106.6	106.7		8.44	8.45		1.47	1.46		1.6	
06/05/2020	09:25	Cloudy	Surface	30.10	30.10	30.20	8.20	8.20	8.2	0.05	0.05	0.05	91.1	91.9	91.85	7.64	7.72	7.7	1.83	1.84	1.8	<1.0	<1.0
	09:27			30.30	30.30		8.20	8.20		0.05	0.05		92.1	92.3		7.74	7.76		1.86	1.84		<1.0	
08/05/2020	09:34	Cloudy	Surface	27.20	27.20	27.25	7.74	7.74	7.7	0.09	0.09	0.09	75.0	75.6	75.85	6.33	6.39	6.4	1.16	1.16	1.2	1.2	1.3
	09:36			27.30	27.30		7.74	7.74		0.09	0.09		76.2	76.6		6.45	6.49		1.18	1.17		1.4	
11/05/2020	13:35	Fine	Surface	26.40	26.40	26.55	7.80	7.80	7.8	0.17	0.17	0.17	99.7	99.5	97.68	8.02	8.00	7.9	8.76	8.81	8.8	<1.0	<1.0
	13:37			26.70	26.70		7.79	7.79		0.17	0.17		94.2	97.3		7.56	7.90		8.80	8.85		<1.0	
13/05/2020	10:13	Cloudy	Surface	26.70	26.70	26.75	8.15	8.15	8.2	0.16	0.16	0.16	85.1	85.8	86.08	7.21	7.28	7.3	1.93	1.95	1.9	1.9	1.8
	10:15			26.80	26.80		8.17	8.17		0.16	0.16		86.5	86.9		7.35	7.39		1.95	1.96		1.6	
15/05/2020	11:56	Fine	Surface	30.90	30.90	31.00	7.78	7.78	7.8	0.14	0.14	0.14	87.4	87.4	87.83	7.44	7.44	7.5	9.73	9.75	9.8	7.1	7.3
	11:58			31.10	31.10		7.77	7.77		0.14	0.14		88.1	88.4		7.51	7.54		9.76	9.76		7.5	
18/05/2020	09:34	Rainy	Surface	26.70	26.70	26.80	8.13	8.13	8.1	0.09	0.09	0.09	81.7	82.2	82.55	6.87	6.92	7.0	23.20	23.17	23.2	39.2	<u>39.6</u>
	09:36			26.90	26.90		8.14	8.14		0.09	0.09		83.1	83.2		7.01	7.02		23.13	23.13		40.0	
20/05/2020	09:37	Fine	Surface	27.30	27.30	27.38	8.07	8.07	8.1	0.15	0.15	0.15	80.7	80.9	80.83	6.77	6.79	6.8	3.30	3.33	3.3	1.4	1.3
	09:39			27.40	27.50		8.08	8.08		0.15	0.15		80.9	80.8		6.78	6.78		3.35	3.37		1.2	
22/05/2020	11:45	Cloudy	Surface	25.20	25.20	25.25	7.96	7.96	8.0	0.06	0.06	0.06	99.0	98.9	98.80	8.14	8.12	8.1	22.12	22.12	22.1	9.9	10.0
	11:47			25.30	25.30		7.96	7.96		0.06	0.06		98.8	98.5		8.11	8.09		22.12	22.12		10.1	
25/05/2020	09:29	Cloudy	Surface	28.40	28.40	28.50	7.89	7.89	7.9	0.04	0.04	0.04	83.0	83.5	83.60	7.00	7.05	7.1	3.88	3.87	3.9	1.6	1.6
	09:31			28.60	28.60		7.89	7.89		0.04	0.04		83.5	84.4		7.05	7.14		3.91	3.95		1.5	
27/05/2020	10:45	Fine	Surface	26.30	26.30	26.50	8.10	8.10	8.1	0.07	0.07	0.07	97.5	97.2	97.55	7.84	7.80	7.8	110.90	110.90	<u>110.7</u>	54.2	<u>58.2</u>
	10:47			26.70	26.70		8.11	8.11		0.07	0.07		98.0	97.5		7.86	7.82		110.90	110.10		62.2	
29/05/2020	11:25	Fine	Surface	26.20	26.20	26.20	8.20	8.20	8.2	0.49	0.49	0.50	90.9	91.4	90.33	7.35	7.38	7.3	5.35	5.33	5.3	3.6	3.6
	11:27			26.20	26.20		8.19	8.19		0.5	0.5		91	88		7.35	7.2		5.32	5.31		3.6	

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	Value	Average
02/05/2020	09:50	Fine	Surface	25.40	25.40	25.50	8.23	8.23	8.2	0.18	0.18	0.18	82.4	83.3	83.65	6.94	7.03	7.1	19.61	19.62	19.6	9.4	9.2	
	09:52			25.60	25.60		8.23	8.23		0.18	0.18		84.2	84.7		7.12	7.17		19.62	19.64		9.0		
04/05/2020	14:00	Fine	Surface	27.30	27.30	27.45	7.97	7.97	8.0	0.81	0.81	0.82	89.1	89.2	89.13	8.28	8.34	8.4	17.81	17.80	17.8	6.8	7.0	
	14:02			27.60	27.60		7.97	7.97		0.82	0.82		89.1	89.1		8.44	8.45		17.79	17.78		7.2		
06/05/2020	10:25	Cloudy	Surface	30.70	30.70	30.80	8.13	8.13	8.1	0.13	0.13	0.13	75.9	76.6	76.75	6.42	6.49	6.5	29.62	29.58	29.6	18.9	19.0	
	10:27			30.90	30.90		8.13	8.13		0.13	0.13		76.9	77.6		6.52	6.59		29.59	29.60		19.0		
08/05/2020	10:15	Cloudy	Surface	27.60	27.60	27.70	8.01	8.01	8.0	0.03	0.03	0.03	86.6	86.8	87.25	7.36	7.38	7.4	6.52	6.50	6.5	10.8	11.0	
	10:17			27.80	27.80		8.01	8.01		0.03	0.03		87.4	88.2		7.44	7.52		6.55	6.51		11.2		
11/05/2020	11:45	Fine	Surface	26.70	26.70	26.90	7.52	7.52	7.5	1.36	1.36	1.36	77.4	77.5	77.65	6.12	6.13	6.1	19.24	19.20	19.2	7.6	7.6	
	11:47			27.10	27.10		7.52	7.52		1.36	1.36		77.8	77.9		6.13	6.16		19.20	19.18		7.5		
13/05/2020	10:55	Cloudy	Surface	26.30	26.30	26.30	8.39	8.39	8.4	0.10	0.10	0.10	78.7	79.0	79.08	5.70	5.73	5.7	72.64	72.69	72.7	25.3	25.7	
	10:57			26.30	26.30		8.40	8.40		0.10	0.10		79.3	79.3		5.76	5.76		72.64	72.66		26.0		
15/05/2020	12:53	Fine	Surface	29.40	29.40	29.45	8.21	8.21	8.2	0.11	0.11	0.11	76.0	76.5	77.03	5.43	5.48	5.5	10.99	11.06	11.0	12.1	12.1	
	12:55			29.50	29.50		8.21	8.21		0.11	0.11		77.4	78.2		5.57	5.65		11.07	11.02		12.0		
18/05/2020	10:06	Rainy	Surface	27.10	27.10	27.15	7.77	7.77	7.8	0.13	0.13	0.13	78.2	78.3	78.35	5.65	5.66	5.7	341.82	341.85	341.9	310.0	308.0	
	10:08			27.20	27.20		7.79	7.79		0.13	0.13		78.4	78.5		5.67	5.68		341.88	341.89		306.0		
20/05/2020	10:29	Fine	Surface	27.00	27.00	27.10	7.71	7.71	7.7	0.12	0.12	0.12	90.7	90.8	91.33	7.60	7.61	7.7	373.30	373.32	373.3	327.0	323.5	
	10:31			27.20	27.20		7.72	7.72		0.12	0.12		91.6	92.2		7.69	7.75		373.34	373.35		320.0		
22/05/2020	11:25	Cloudy	Surface	26.20	26.20	26.30	7.94	7.94	7.9	0.33	0.33	0.33	101.1	100.8	100.58	8.14	8.11	8.1	348.90	349.00	349.0	296.0	292.5	
	11:27			26.40	26.40		7.94	7.94		0.33	0.33		100.4	100.0		8.08	8.05		349.00	349.10		289.0		
25/05/2020	10:12	Cloudy	Surface	27.60	27.60	27.70	8.46	8.46	8.5	0.14	0.14	0.14	91.2	91.9	92.00	7.65	7.72	7.7	14.39	14.37	14.4	15.3	15.5	
	10:14			27.80	27.80		8.46	8.46		0.14	0.14		92.0	92.9		7.73	7.82		14.38	14.39		15.7		
27/05/2020	11:25	Fine	Surface	27.10	27.10	27.15	7.42	7.42	7.4	0.82	0.82	0.82	88.4	88.0	88.33	6.99	6.96	7.0	73.21	73.04	73.0	66.5	68.4	
	11:27			27.20	27.20		7.43	7.43		0.82	0.82		88.3	88.6		6.98	7.00		72.99	72.89		70.2		
29/05/2020	12:40	Fine	Surface	25.80	25.80	25.85	8.04	8.04	8.0	0.89	0.89	0.90	78.6	78.5	79.00	6.37	6.36	6.4	6.13	6.16	6.2	5.0	5.4	
	12:42			25.90	25.90		7.93	7.93		0.9	0.9		79	79.9		6.4	6.47		6.18	6.19		5.8		

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	Value
02/05/2020	10:07	Fine	Surface	26.00	26.00	26.10	8.09	8.09	8.1	0.13	0.13	0.13	89.3	90.1	90.45	7.63	7.71	7.7	197.10	197.16	197.3	518.0	<u>593.0</u>
	10:09			26.20	26.20		8.09	8.09		0.13	0.13		90.9	91.5		7.79	7.85		197.26	197.51		668.0	
04/05/2020	14:35	Fine	Surface	26.40	26.40	26.30	7.72	7.72	7.7	0.42	0.42	0.42	100.0	100.4	100.33	8.01	8.04	8.0	16.51	16.45	16.5	17.5	17.3
	14:37			26.20	26.20		7.72	7.72		0.42	0.42		100.5	100.4		8.05	8.04		16.46	16.44		17.1	
06/05/2020	10:40	Cloudy	Surface	31.00	31.00	31.10	7.89	7.89	7.9	0.18	0.18	0.18	80.9	81.4	81.70	6.79	6.84	6.9	6.24	6.28	6.3	8.3	8.2
	10:42			31.20	31.20		7.89	7.89		0.18	0.18		82.1	82.4		6.91	6.94		6.29	6.28		8.0	
08/05/2020	10:33	Cloudy	Surface	28.30	28.30	28.35	8.11	8.11	8.1	0.05	0.05	0.05	91.7	92.3	92.25	7.70	7.76	7.8	92.27	92.31	92.3	90.5	91.3
	10:35			28.40	28.40		8.11	8.11		0.05	0.05		92.4	92.6		7.77	7.79		92.30	92.30		92.1	
11/05/2020	11:10	Fine	Surface	27.10	27.10	27.30	7.92	7.92	7.9	0.53	0.53	0.54	99.0	98.7	98.25	7.78	7.75	7.7	22.27	22.20	22.2	24.7	25.3
	11:12			27.50	27.50		7.91	7.91		0.54	0.54		97.7	97.6		7.65	7.55		22.20	22.24		25.9	
13/05/2020	11:14	Cloudy	Surface	26.70	26.70	26.75	7.89	7.89	7.9	0.15	0.15	0.15	91.4	91.8	92.18	7.67	7.71	7.7	7.19	7.19	7.2	6.0	5.9
	11:16			26.80	26.80		7.89	7.90		0.15	0.15		92.3	93.2		7.76	7.85		7.19	7.19		5.7	
15/05/2020	13:10	Fine	Surface	29.20	29.20	29.30	8.29	8.29	8.3	0.12	0.12	0.12	77.5	78.0	78.28	5.58	5.63	5.7	10.96	10.96	11.0	15.9	15.8
	13:12			29.40	29.40		8.30	8.30		0.12	0.12		78.8	78.8		5.71	5.71		10.96	10.98		15.6	
18/05/2020	10:27	Rainy	Surface	27.40	27.40	27.45	8.01	8.01	8.0	0.16	0.16	0.16	76.6	77.0	77.38	5.49	5.53	5.6	202.08	202.11	202.1	213.0	<u>215.5</u>
	10:29			27.50	27.50		8.03	8.03		0.16	0.16		77.7	78.2		5.60	5.65		202.14	202.13		218.0	
20/05/2020	10:51	Fine	Surface	26.90	26.90	27.00	7.91	7.91	7.9	0.19	0.19	0.19	87.6	88.5	88.40	7.46	7.55	7.5	18.37	18.38	18.4	15.2	14.9
	10:53			27.10	27.10		7.92	7.92		0.19	0.19		88.6	88.9		7.56	7.59		18.35	18.33		14.6	
22/05/2020	10:50	Cloudy	Surface	26.30	26.30	26.40	8.25	8.25	8.3	0.25	0.25	0.25	101.1	101.1	101.03	8.13	8.13	8.1	86.91	86.89	86.9	85.8	84.4
	10:52			26.50	26.50		8.25	8.25		0.25	0.25		101.0	100.9		8.12	8.09		86.90	86.82		83.0	
25/05/2020	10:28	Cloudy	Surface	27.70	27.70	27.75	8.01	8.01	8.0	0.13	0.13	0.13	87.2	87.6	87.70	7.42	7.46	7.5	13.12	13.16	13.2	31.4	31.0
	10:30			27.80	27.80		8.01	8.01		0.13	0.13		88.0	88.0		7.50	7.50		13.18	13.21		30.5	
27/05/2020	11:40	Fine	Surface	26.50	26.50	26.60	7.81	7.81	7.8	0.28	0.28	0.28	96.1	96.9	96.35	7.71	7.76	7.7	24.93	24.81	24.7	23.7	23.3
	11:42			26.70	26.70		7.73	7.73		0.28	0.28		96.3	96.1		7.72	7.69		24.66	24.54		22.8	
29/05/2020	12:50	Fine	Surface	26.10	26.10	26.15	8.09	8.09	8.0	0.36	0.36	0.36	93.0	93.5	92.95	7.50	7.54	7.5	12.11	12.00	12.0	32.6	18.9
	12:52			26.20	26.20		7.97	7.97		0.36	0.36		93.3	92		7.52	7.43		12	11.97		5.1	

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		Average	Value		Average	Value		Average	Value		Average	Value		Average	Value		Average	Value		Average
02/05/2020	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04/05/2020	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/05/2020	-	Cloudy	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/05/2020	-	Cloudy	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/05/2020	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13/05/2020	-	Cloudy	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15/05/2020	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/05/2020	-	Rainy	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/05/2020	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22/05/2020	-	Cloudy	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/05/2020	-	Cloudy	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27/05/2020	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29/05/2020	-	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	Average
				02/05/2020	09:35	Fine	Surface	26.30	26.30	26.35	7.64	7.64	7.6	0.06	0.06	0.06	79.0	79.3	79.75	6.73	6.76	6.8	0.98
	09:37	26.40	26.40	7.64	7.64			0.06	0.06		80.1	80.6		6.84	6.89		0.98	0.99		1.1			
04/05/2020	13:20	Fine	Surface	26.10	26.10	26.10	7.80	7.81	7.8	0.11	0.11	0.11	85.3	85.4	85.40	6.91	6.91	6.9	4.80	4.79	4.8	45.9	42.7
				13:22	26.10		26.10	7.80		7.79	0.11		0.11	85.3		85.6	6.91		6.93	4.79		4.79	
06/05/2020	09:11	Cloudy	Surface	30.70	30.70	30.75	7.54	7.54	7.5	0.07	0.07	0.07	75.5	75.6	75.83	6.38	6.39	6.4	2.29	2.29	2.3	<1.0	<1.0
				09:12	30.80		30.80	7.54		7.54	0.07		0.07	75.9		76.3	6.42		6.46	2.27		2.27	
08/05/2020	09:10	Cloudy	Surface	27.30	27.30	27.35	8.17	8.17	8.2	0.07	0.07	0.07	78.9	79.5	79.88	6.72	6.78	6.8	1.68	1.66	1.7	1.3	1.4
				09:12	27.40		27.40	8.17		8.17	0.07		0.07	80.3		80.8	6.86		6.91	1.69		1.70	
11/05/2020	13:45	Fine	Surface	26.20	26.20	26.30	7.73	7.73	7.7	0.11	0.11	0.11	92.8	94.1	94.08	7.48	7.60	7.6	9.74	9.67	9.7	53.2	45.7
				13:47	26.40		26.40	7.73		7.73	0.11		0.11	94.7		94.7	7.63		7.64	9.64		9.68	
13/05/2020	10:20	Cloudy	Surface	26.40	26.40	26.45	8.11	8.11	8.1	0.10	0.10	0.10	73.4	74.3	74.55	5.17	5.26	5.3	95.88	95.83	95.8	269	244.5
				10:22	26.50		26.50	8.12		8.12	0.10		0.10	74.9		75.6	5.32		5.39	95.81		95.80	
15/05/2020	12:09	Fine	Surface	30.80	30.80	30.90	8.12	8.12	8.1	0.12	0.12	0.12	72.5	72.8	73.23	5.08	5.11	5.2	11.35	11.35	11.4	6.3	6.1
				12:11	31.00		31.00	8.12		8.12	0.12		0.12	73.4		74.2	5.17		5.25	11.37		11.36	
18/05/2020	09:49	Rainy	Surface	26.90	26.90	27.00	7.99	7.99	8.0	0.10	0.10	0.10	74.9	75.1	75.65	5.32	5.33	5.4	31.47	31.44	31.4	33.2	33.8
				09:51	27.10		27.10	8.01		8.01	0.10		0.10	75.9		76.7	5.42		5.50	31.44		31.43	
20/05/2020	09:52	Fine	Surface	27.50	27.50	27.55	8.26	8.26	8.3	0.14	0.14	0.14	82.3	83.1	83.40	6.95	7.01	7.0	4.11	4.11	4.1	3.8	4.0
				09:54	27.60		27.60	8.28		8.28	0.14		0.14	84.0		84.2	7.10		7.12	4.13		4.14	
22/05/2020	11:57	Cloudy	Surface	25.10	25.10	25.15	7.64	7.64	7.6	0.11	0.11	0.11	93.1	94.3	93.83	7.67	7.77	7.7	12.14	12.13	12.1	26.3	22.0
				12:02	25.20		25.20	7.65		7.65	0.11		0.11	94.2		93.7	7.76		7.71	12.14		12.13	
25/05/2020	09:40	Cloudy	Surface	27.80	27.80	27.90	7.64	7.64	7.6	0.07	0.07	0.07	88.4	89.0	89.33	7.54	7.60	7.6	4.40	4.44	4.4	1.8	1.9
				09:42	28.00		28.00	7.64		7.64	0.07		0.07	89.6		90.3	7.66		7.73	4.44		4.45	
27/05/2020	10:55	Fine	Surface	25.40	25.40	25.50	7.65	7.65	7.7	0.30	0.30	0.30	95.9	96.3	96.13	7.84	7.87	7.9	8.54	8.53	8.5	45.2	49.1
				10:57	25.60		25.60	7.65		7.66	0.30		0.30	96.2		96.1	7.86		7.85	8.51		8.52	
29/05/2020	11:35	Fine	Surface	25.60	25.60	25.65	8.08	8.08	8.0	0.09	0.09	0.09	89.7	89.0	88.33	7.27	7.26	7.2	4.61	4.60	4.6	3.2	3.2
				11:37	25.70		25.70	7.96		7.96	0.09		0.09	88.0		86.6	7.18		7.06	4.63		4.64	

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)

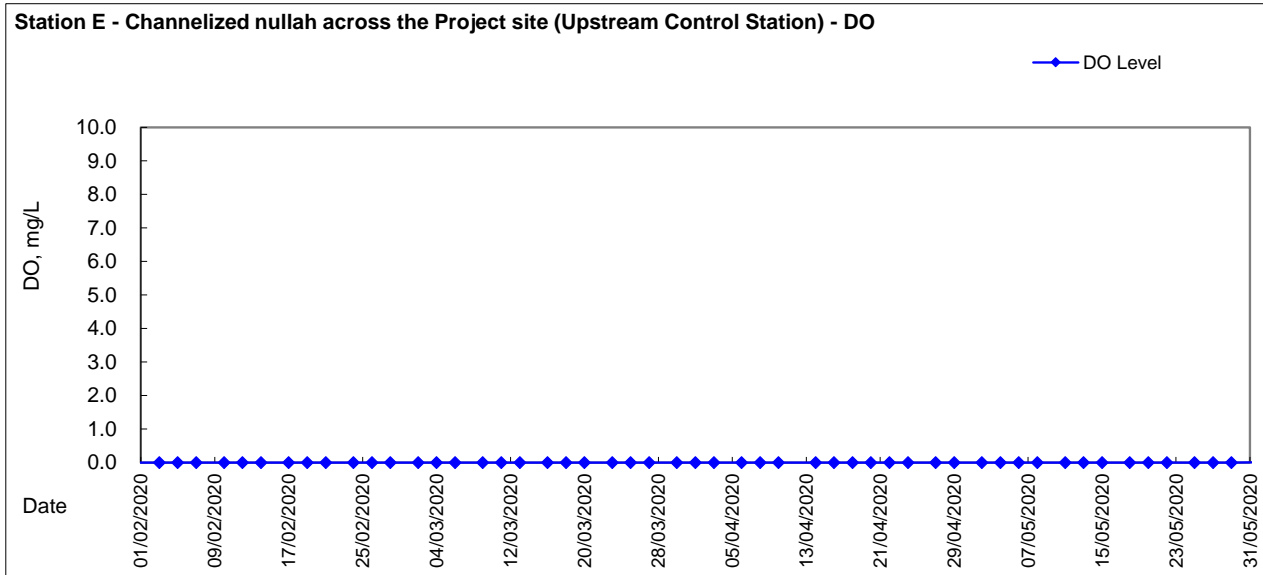
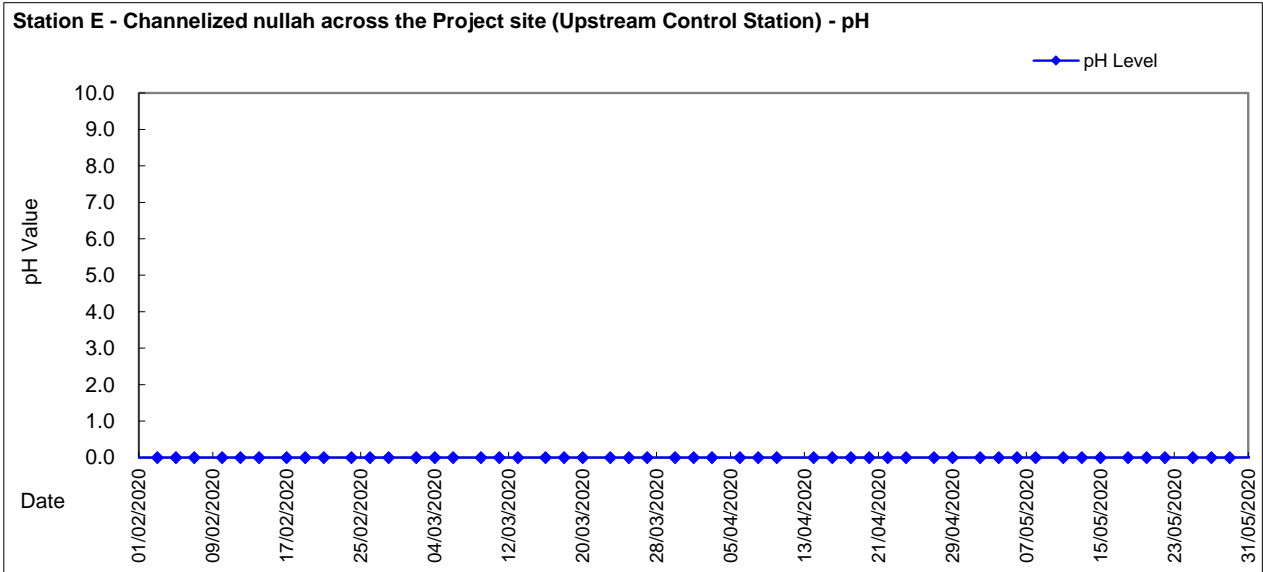
Date	Time	Weather Condition	Sampling Depth m	Water Temperature °C			pH			Salinity ppt			DO Saturation %			DO mg/L			Turbidity NTU			Suspended Solids mg/L	
				Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Average
02/05/2020	09:20	Fine	Surface	25.20	25.20	25.25	7.83	7.83	7.8	0.05	0.05	0.05	75.6	76.2	76.58	6.39	6.45	6.5	0.55	0.59	0.6	<1.0	<1.0
	09:20			25.30	25.30		7.83	7.83		0.05	0.05		76.8	77.7		6.51	6.60		0.60	0.61			
04/05/2020	12:59	Fine	Surface	26.30	26.30	26.30	7.93	7.92	7.9	0.19	0.19	0.19	82.9	83.1	83.45	6.68	6.69	6.7	3.44	3.17	3.2	5.6	5.5
	13:01			26.30	26.30		7.92	7.92		0.19	0.19		83.9	83.9		6.76	6.76		3.16	3.19		5.3	
06/05/2020	09:19	Cloudy	Surface	30.80	30.80	30.85	8.39	8.39	8.4	0.05	0.05	0.05	73.5	74.3	74.35	6.18	6.26	6.3	2.06	2.03	2.0	<1.0	<1.0
	09:21			30.90	30.90		8.39	8.39		0.05	0.05		74.5	75.1		6.28	6.34		2.04	2.04			
08/05/2020	09:26	Cloudy	Surface	27.90	27.90	28.00	7.80	7.80	7.8	0.09	0.09	0.09	83.8	84.1	84.28	7.08	7.11	7.1	1.11	1.14	1.1	<1.0	<1.0
	09:28			28.10	28.10		7.80	7.80		0.09	0.09		84.2	85.0		7.12	7.20		1.15	1.14			
11/05/2020	13:40	Fine	Surface	26.10	26.10	26.20	7.75	7.75	7.7	0.17	0.17	0.17	84.3	83.8	84.15	6.81	6.77	6.8	7.86	7.82	7.8	1.8	1.7
	13:42			26.30	26.30		7.67	7.67		0.17	0.17		84.1	84.4		6.79	6.81		7.82	7.82		1.6	
13/05/2020	10:37	Cloudy	Surface	26.00	26.00	26.05	7.97	7.97	8.0	0.14	0.14	0.14	86.7	87.3	87.25	7.37	7.43	7.4	2.23	2.23	2.2	2.6	2.8
	10:39			26.10	26.10		7.98	7.89		0.14	0.14		87.3	87.7		7.43	7.47		2.24	2.25		3	
15/05/2020	12:04	Fine	Surface	29.40	29.40	29.45	7.97	7.97	8.0	0.15	0.15	0.15	84.7	85.0	85.10	7.17	7.20	7.2	9.98	9.99	10.0	8.4	8.4
	12:06			29.50	29.50		7.98	7.99		0.15	0.15		85.0	85.7		7.20	7.27		10.02	10.05		8.3	
18/05/2020	09:44	Rainy	Surface	26.60	26.60	28.05	8.11	8.11	8.0	0.09	0.09	0.12	80.7	81.3	83.18	6.77	6.83	7.0	26.34	26.35	18.2	40.3	24.3
	09:46			26.70	26.70		8.12	8.13		0.09	0.09		81.9	82.2		6.89	6.92		26.35	26.35		41.0	
20/05/2020	09:45	04:48	Surface	27.10	27.10	26.93	7.99	7.99	8.1	0.15	0.15	0.12	83.8	83.9	82.96	7.08	7.09	7.0	3.52	3.55	15.0	1.1	20.9
	09:47			27.30	27.30		8.01	8.01		0.15	0.15		84.7	85.2		7.17	7.22		3.59	3.63		1.3	
22/05/2020	11:50	Cloudy	Surface	24.40	24.40	24.50	7.64	7.64	7.6	0.05	0.05	0.05	95.1	95.2	95.10	7.93	7.94	7.9	9.20	9.23	9.2	5.5	5.7
	11:52			24.60	24.60		7.63	7.63		0.05	0.05		95.0	95.1		7.90	7.92		9.21	9.20		5.8	
25/05/2020	09:35	Cloudy	Surface	28.10	28.10	28.20	7.82	7.82	7.8	0.05	0.05	0.05	85.0	85.5	85.63	7.20	7.25	7.3	3.99	4.02	4.1	1.1	1.2
	09:37			28.30	28.30		7.82	7.82		0.05	0.05		85.7	86.3		7.27	7.33		4.11	4.13		4.1	
27/05/2020	10:50	Fine	Surface	25.50	25.50	25.60	7.76	7.76	7.8	0.05	0.05	0.05	94.8	95.1	95.13	7.75	7.76	7.8	6.53	6.54	6.5	5.2	4.9
	10:52			25.70	25.70		7.76	7.76		0.05	0.05		95.5	95.1		7.79	7.76		6.54	6.53		4.6	
29/05/2020	11:40	Fine	Surface	25.50	25.50	25.50	7.93	7.93	7.9	0.09	0.09	0.09	91.2	92.3	90.05	7.46	7.55	7.4	4.70	4.72	4.8	2.8	2.7
	11:42			25.50	25.50		7.91	7.91		0.09	0.09		90.0	86.7		7.37	7.09		4.94	4.92		2.6	

Remarks:

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

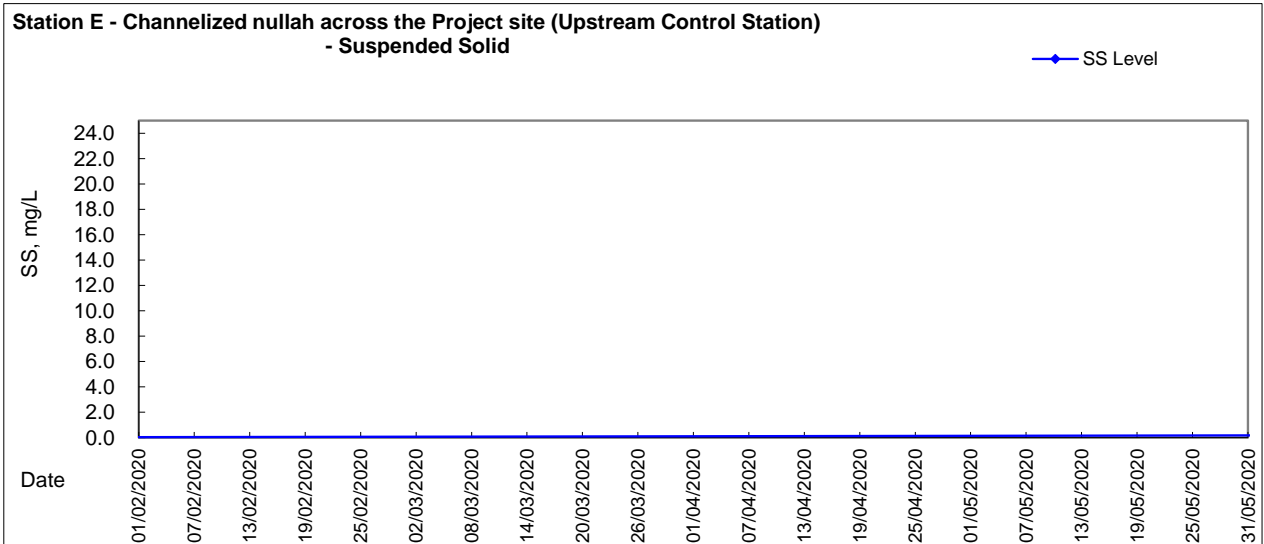
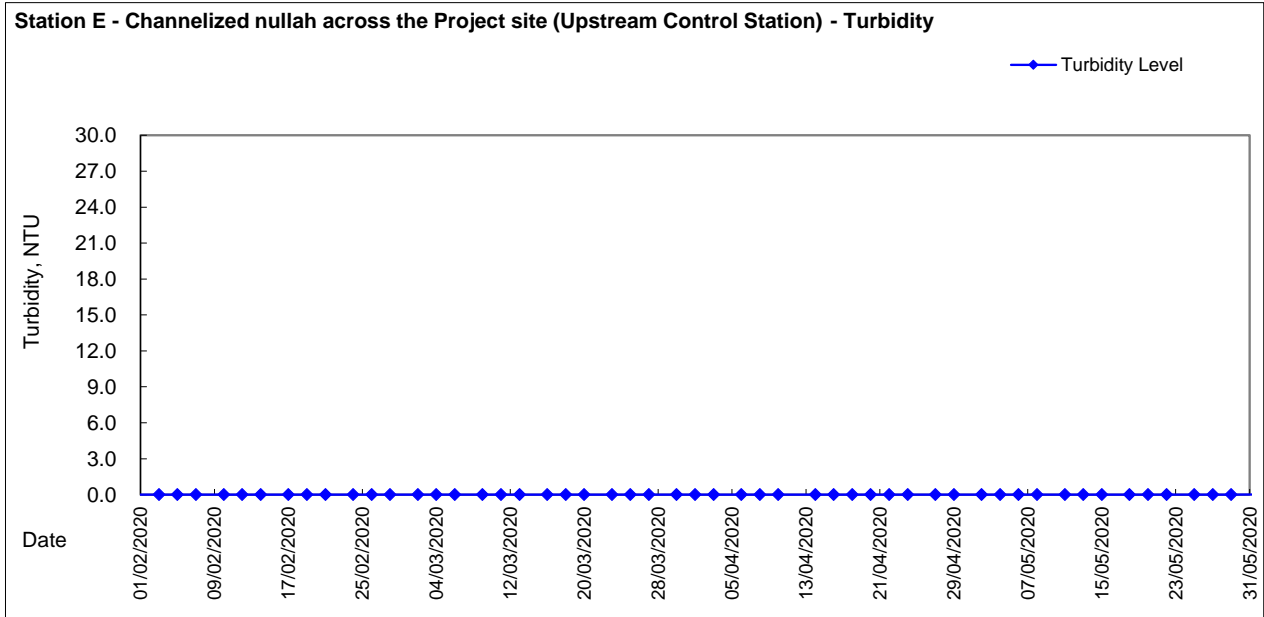


Graphic Presentation of WQM Result



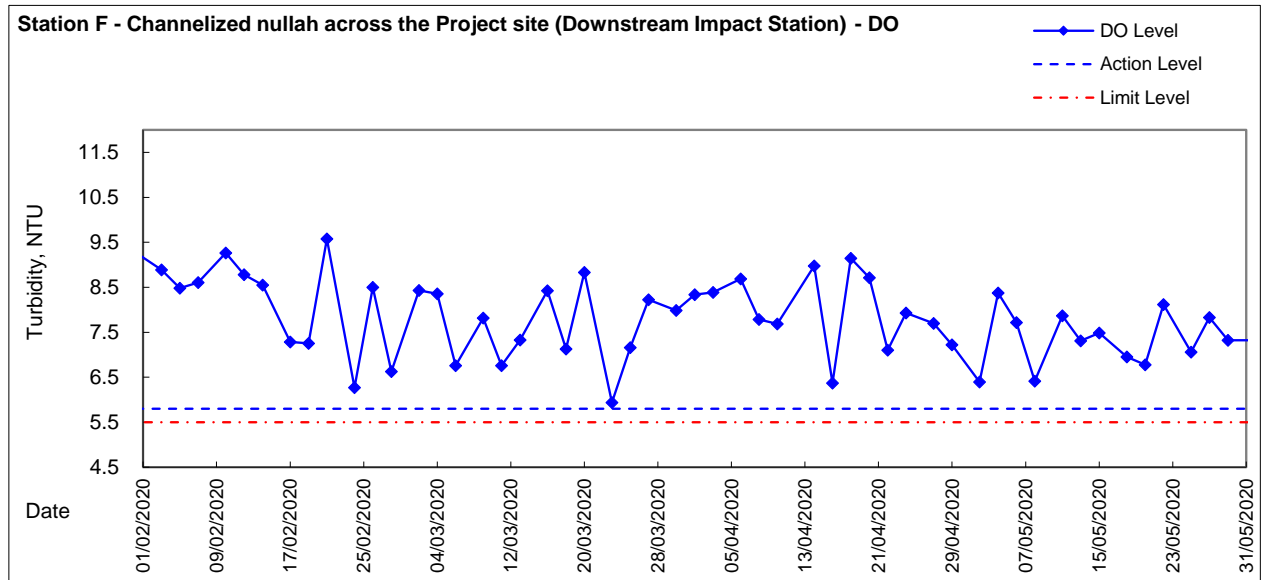
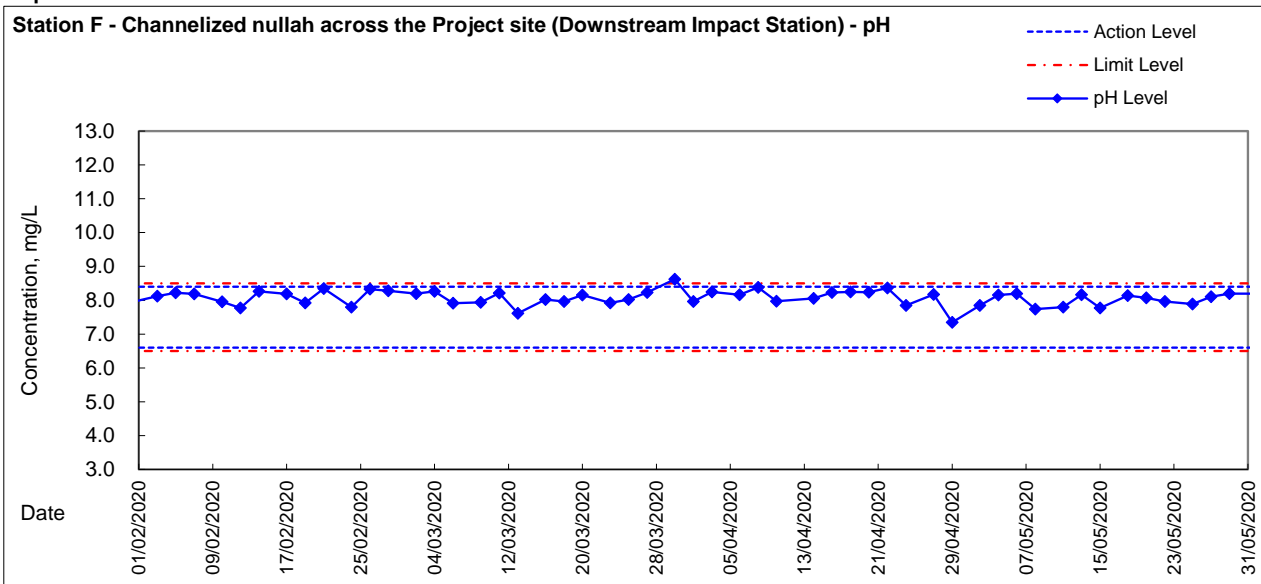


Graphic Presentation of WQM Result



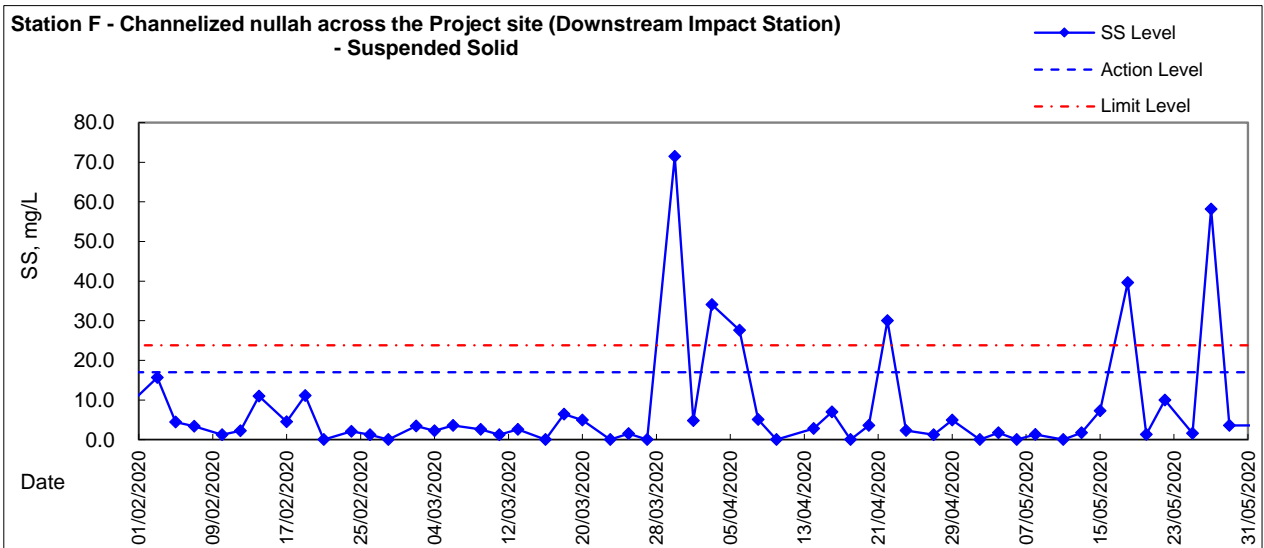
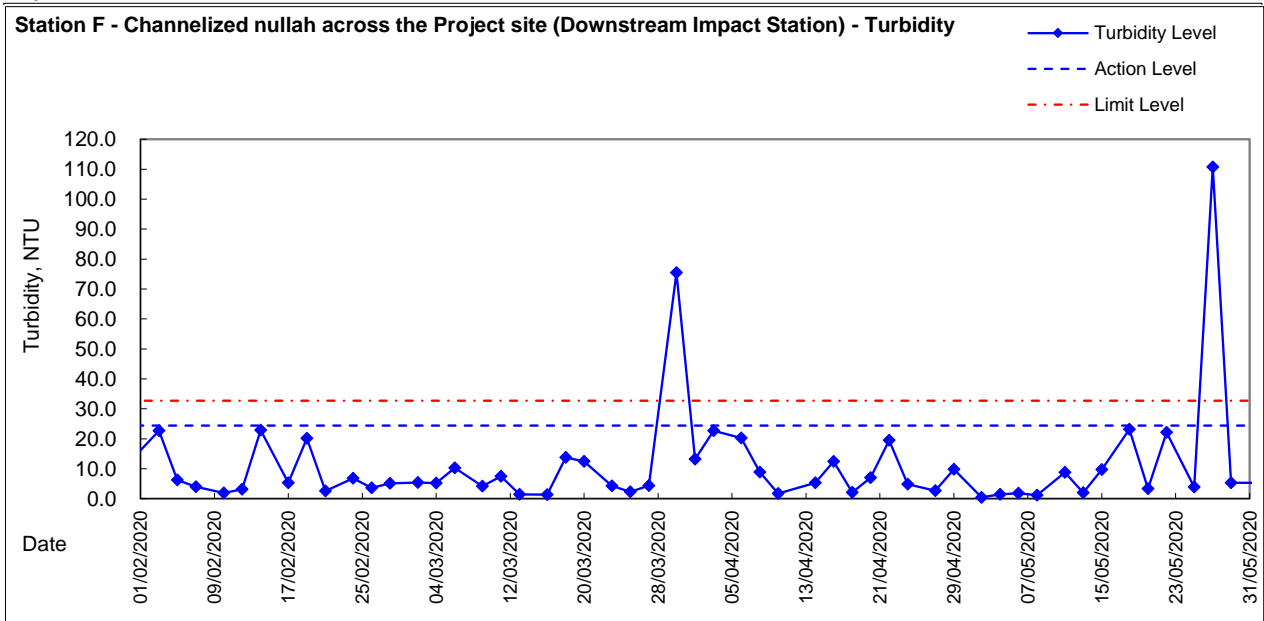


Graphic Presentation of WQM Result



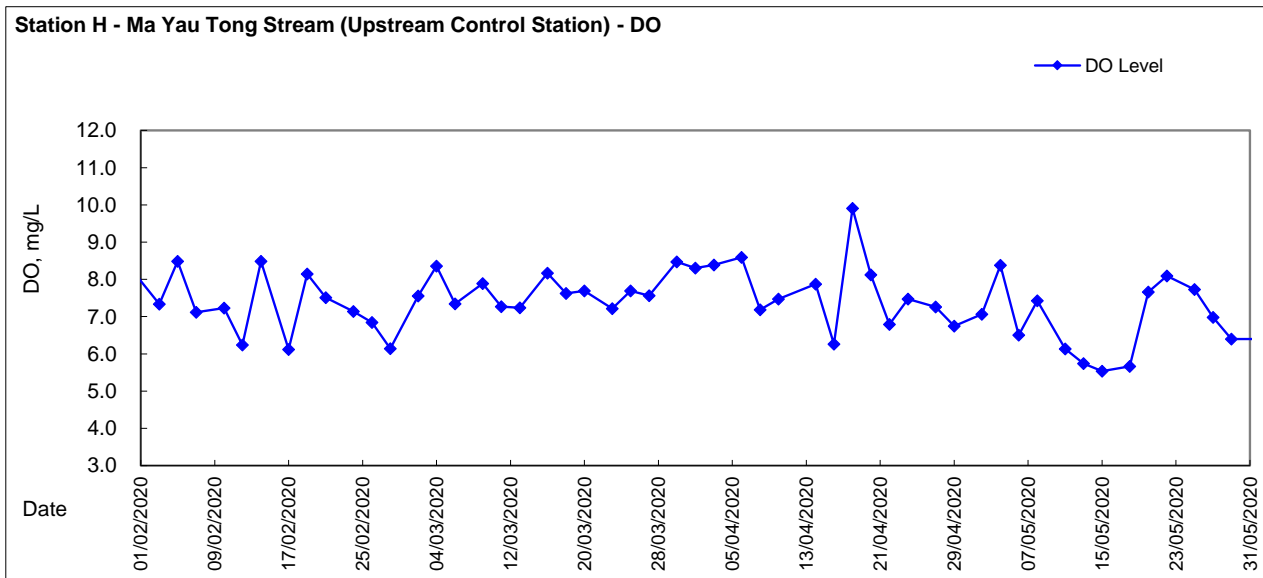
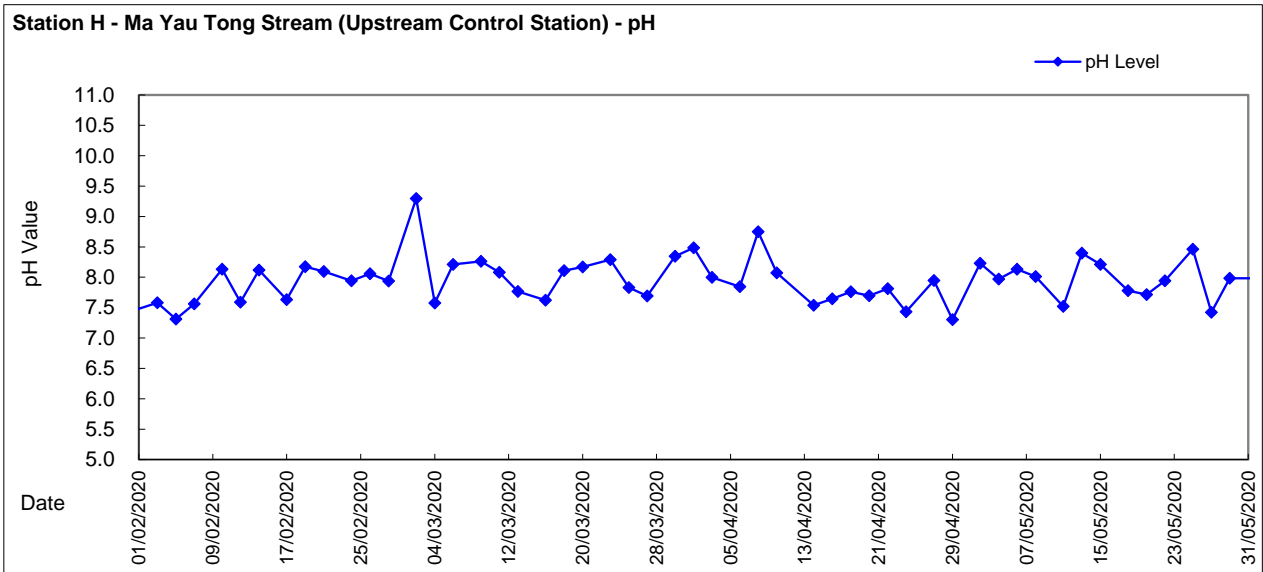


Graphic Presentation of WQM Result



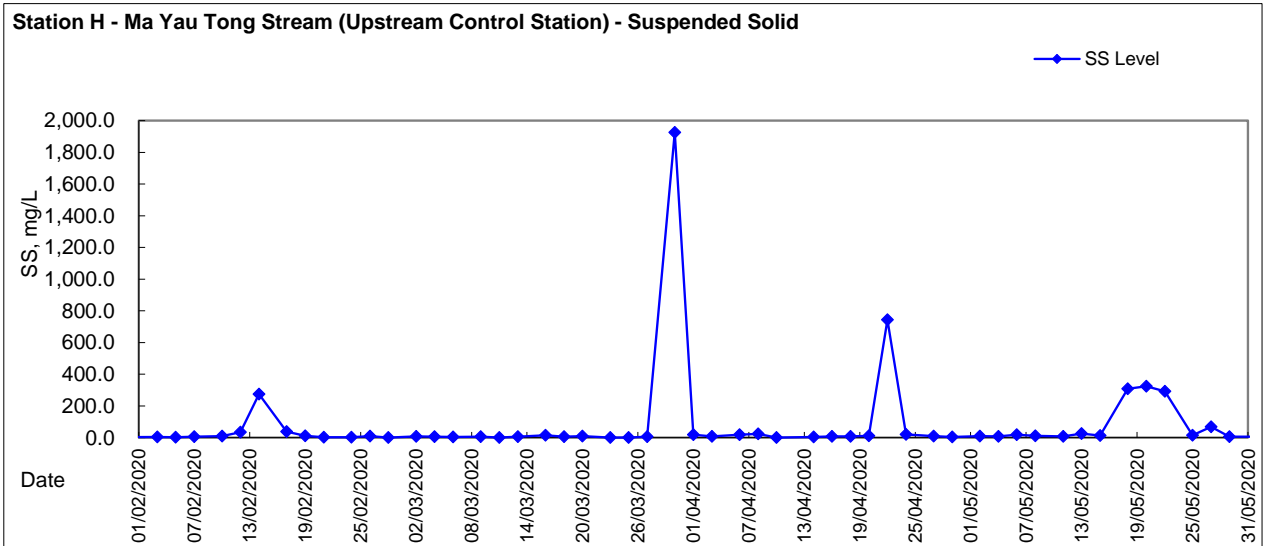
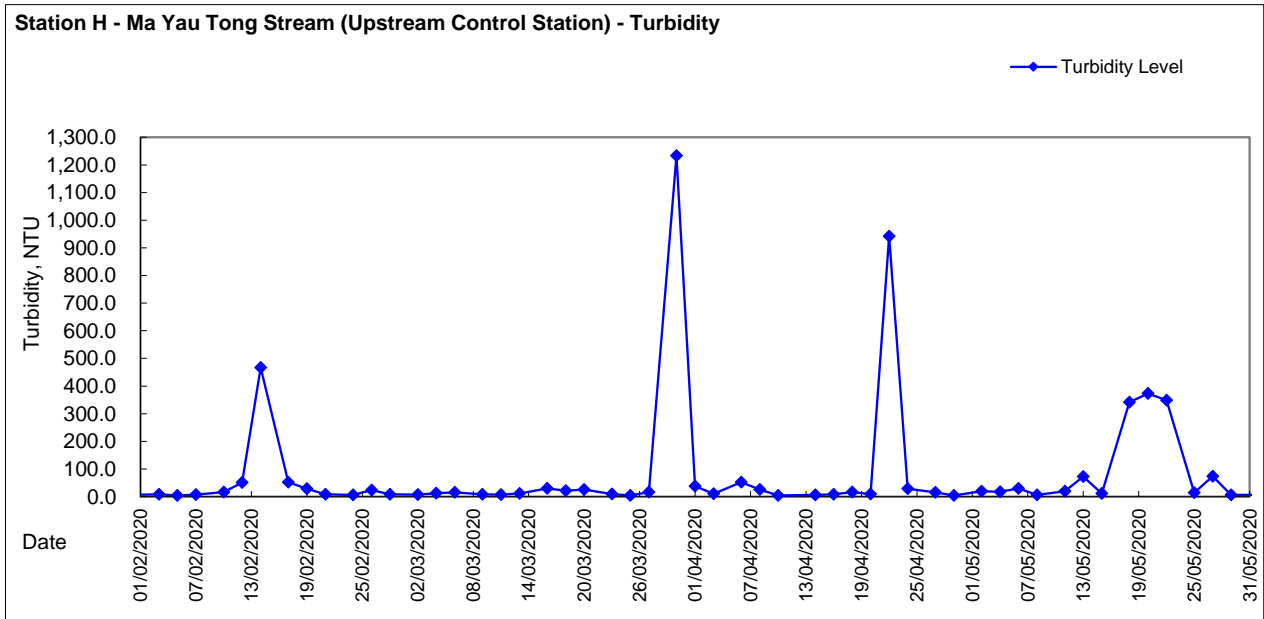


Graphic Presentation of WQM Result



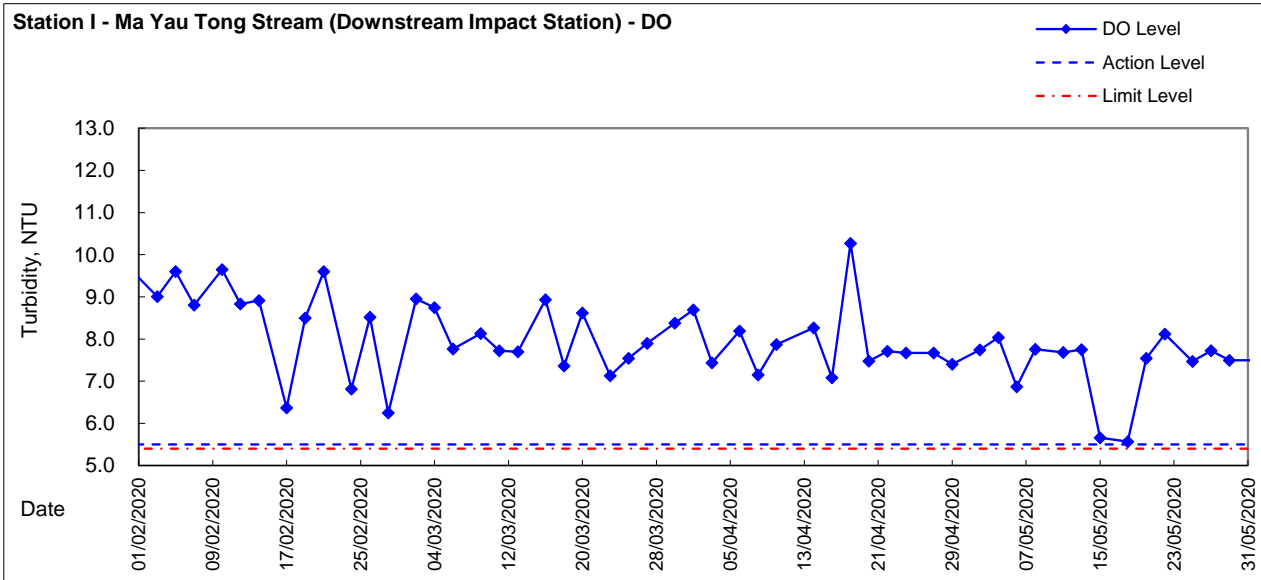
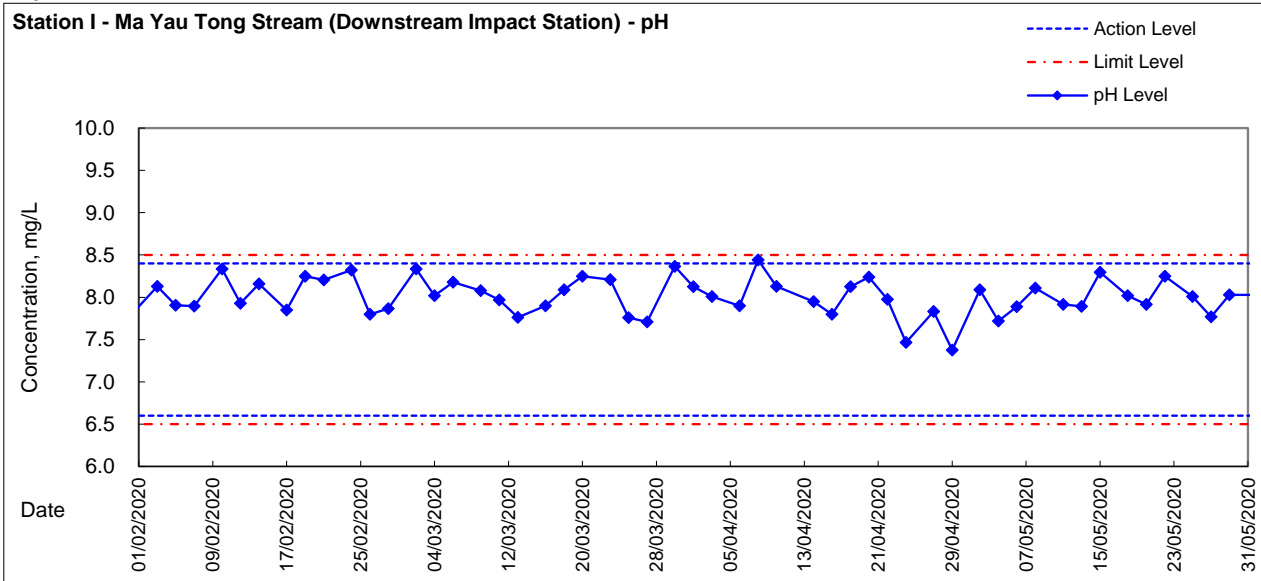


Graphic Presentation of WQM Result



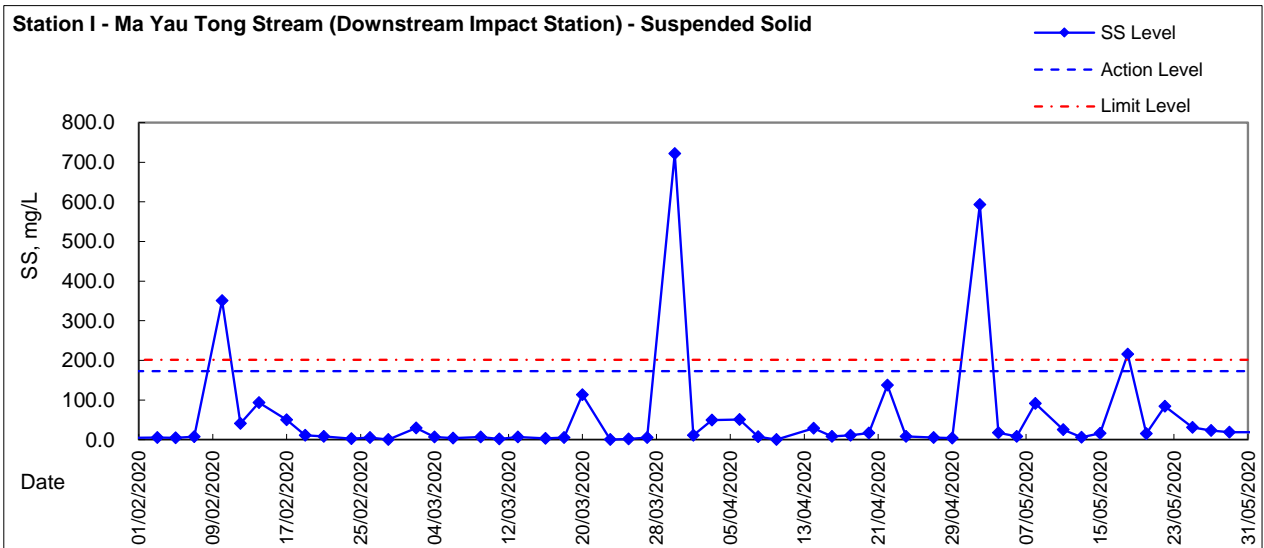
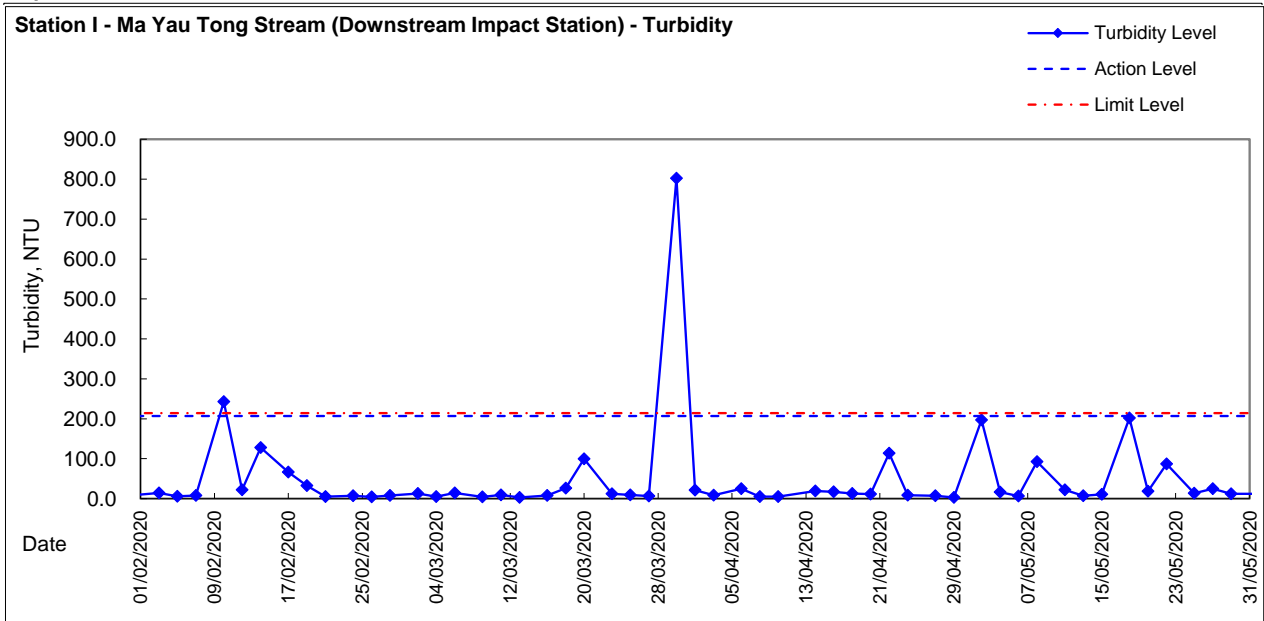


Graphic Presentation of WQM Result



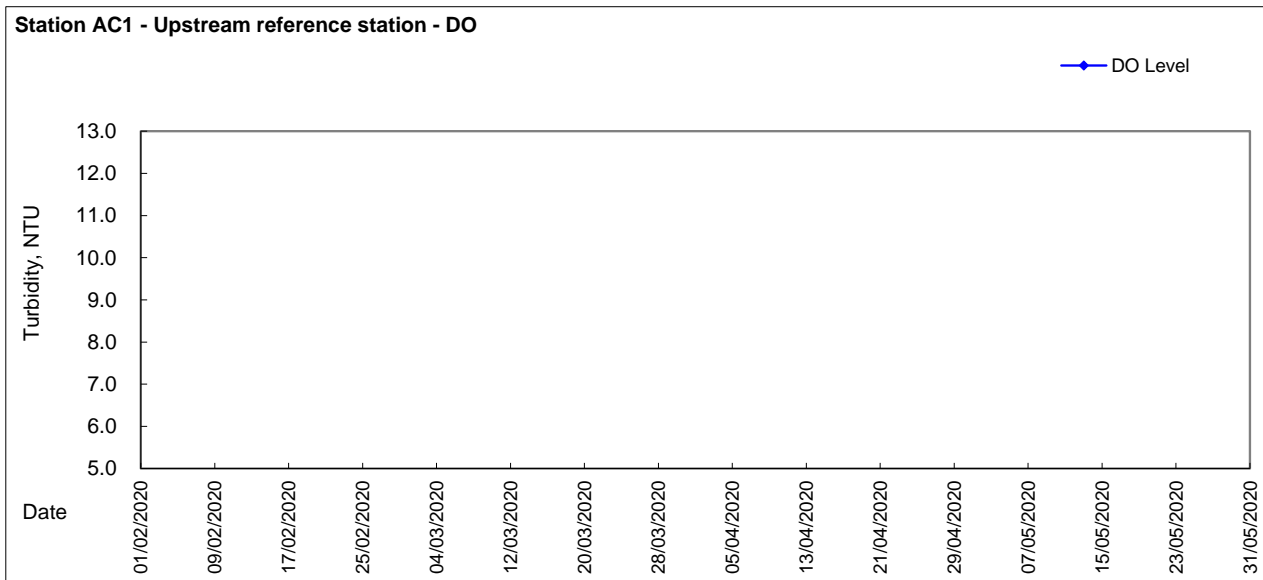
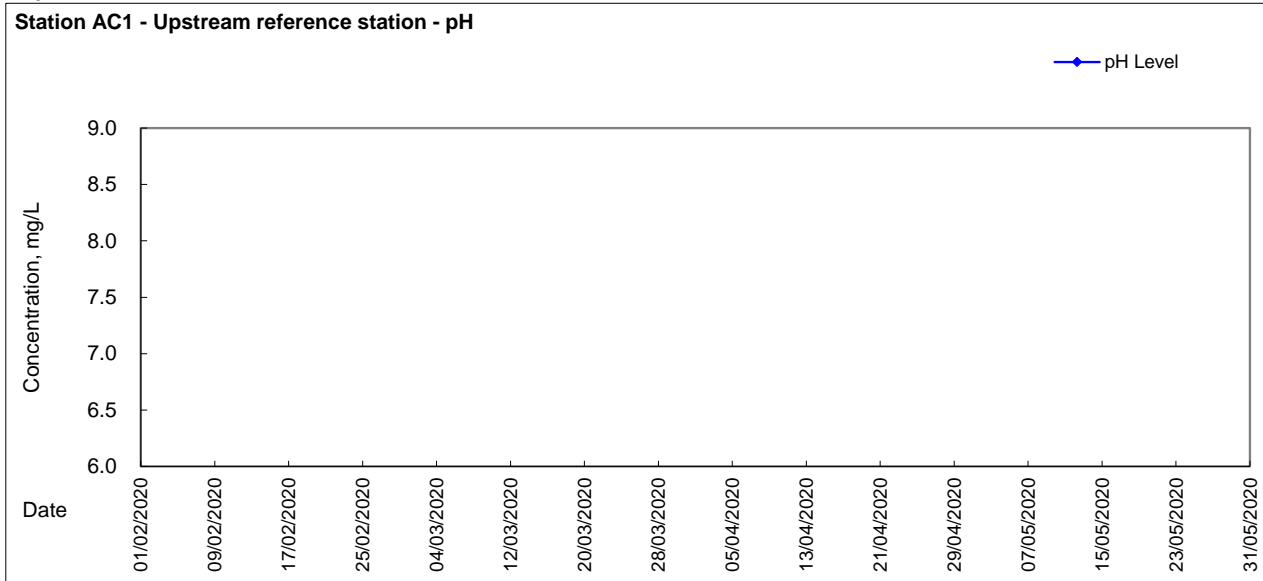


Graphic Presentation of WQM Result



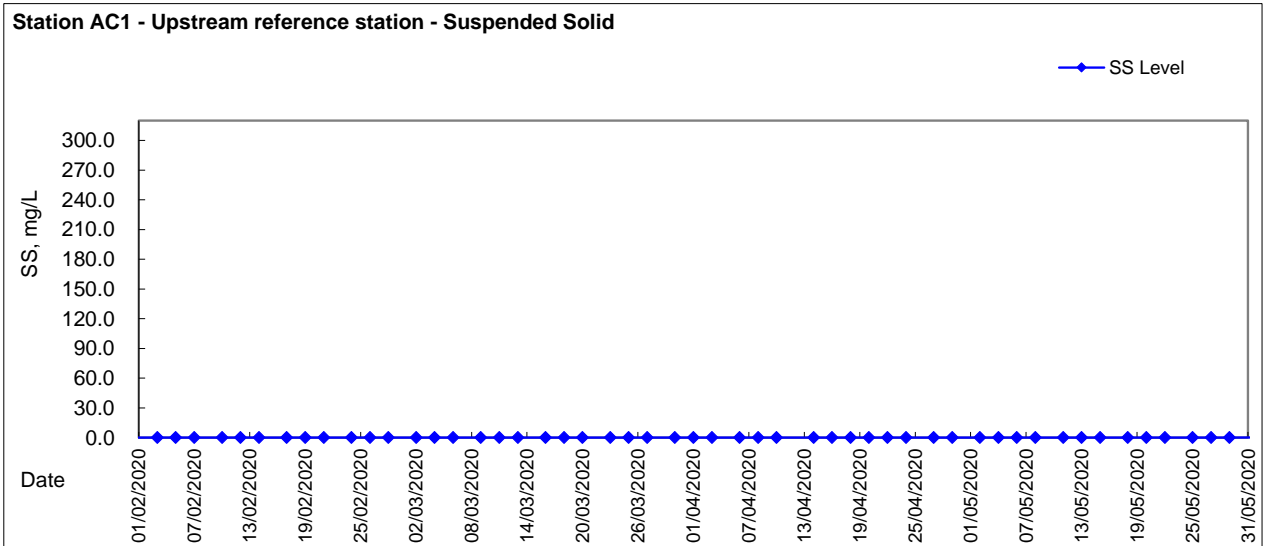
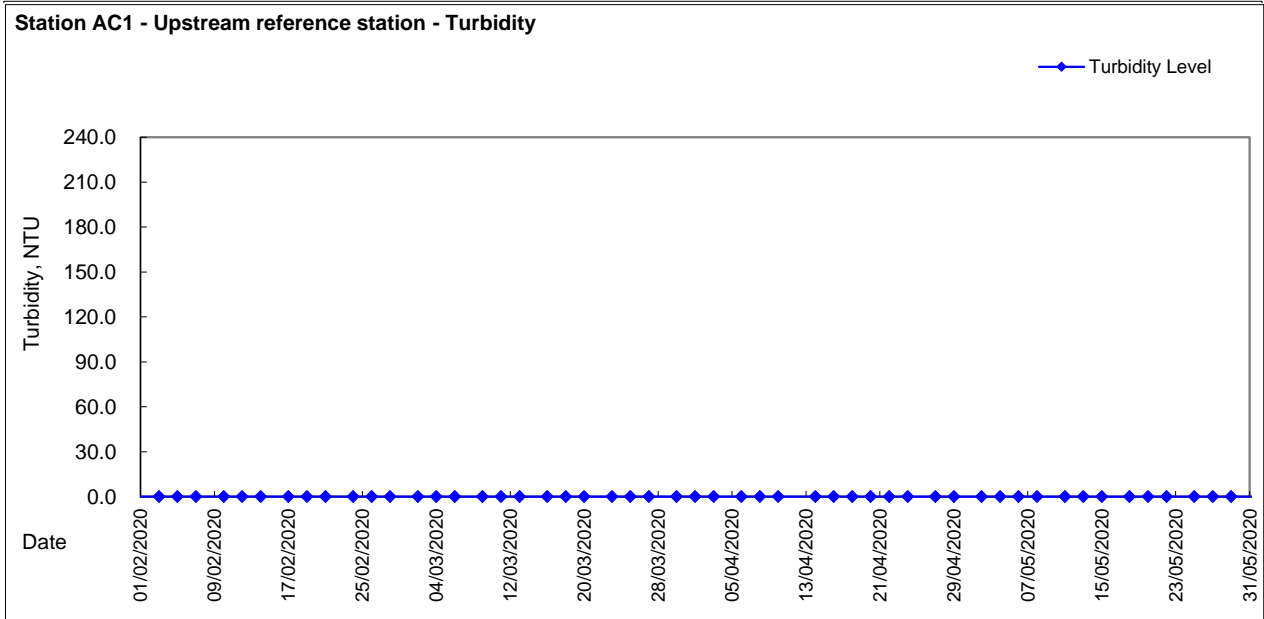


Graphic Presentation of WQM Result



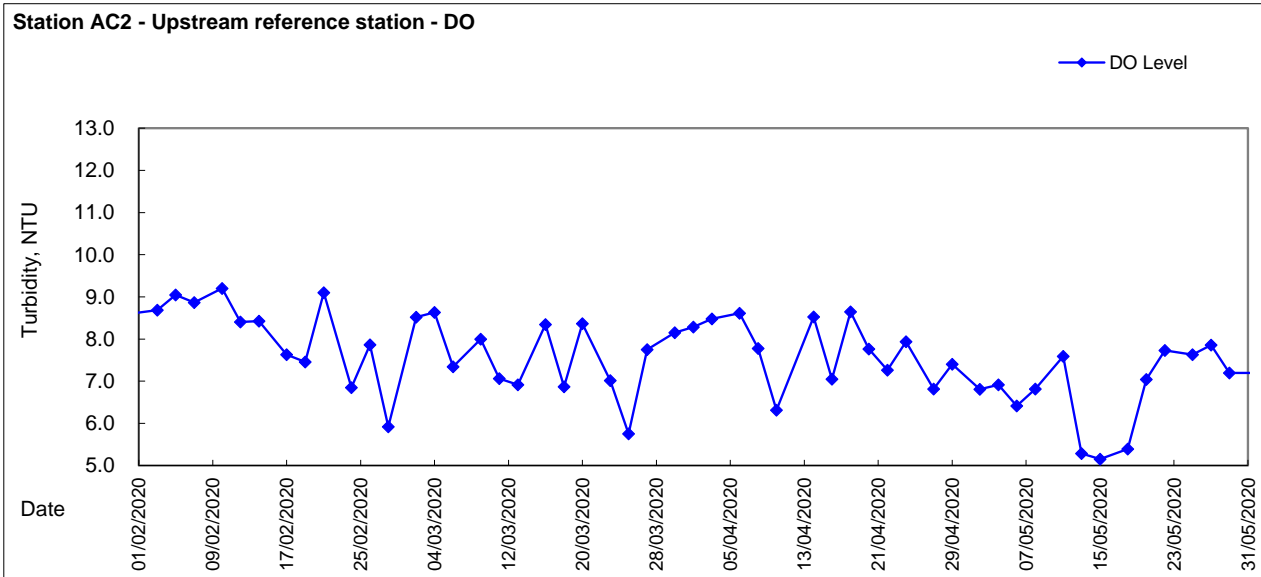
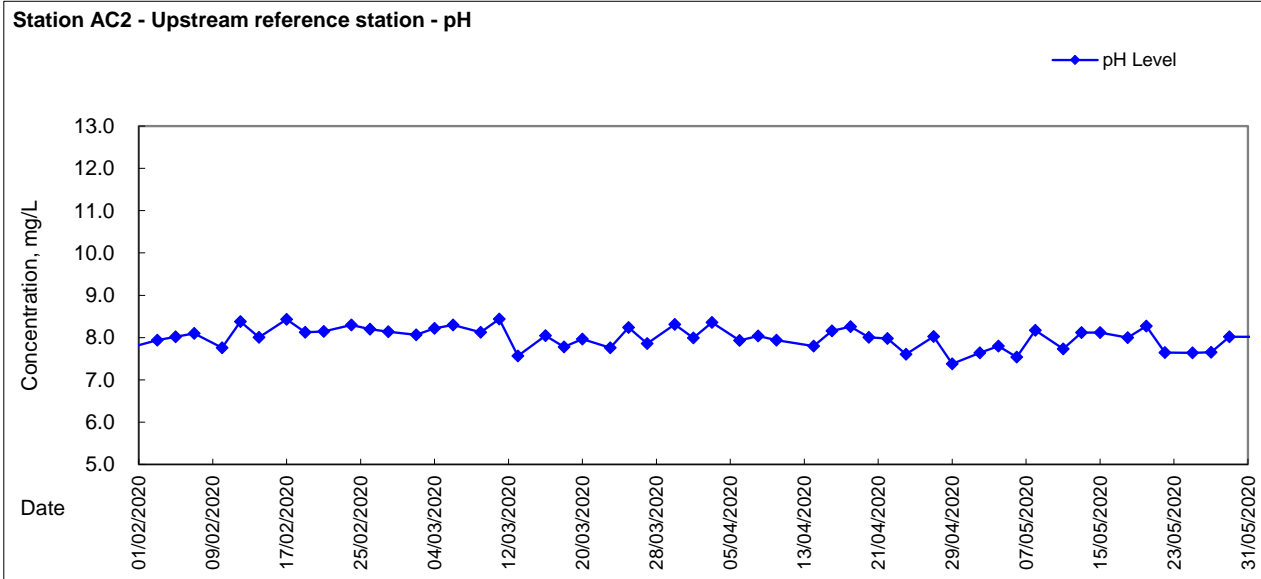


Graphic Presentation of WQM Result





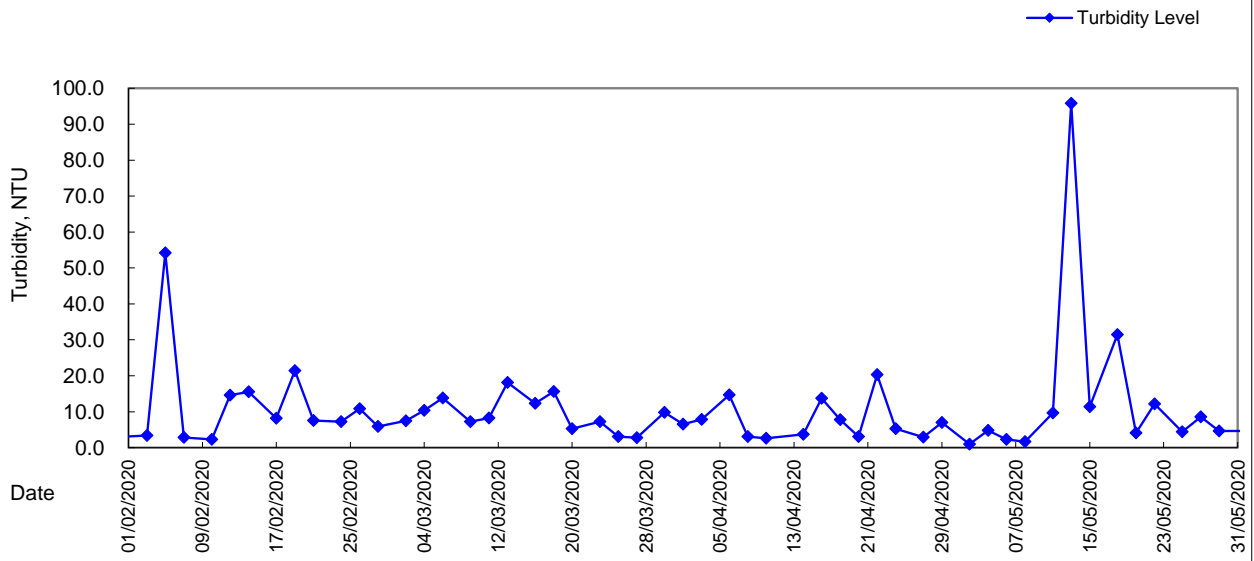
Graphic Presentation of WQM Result



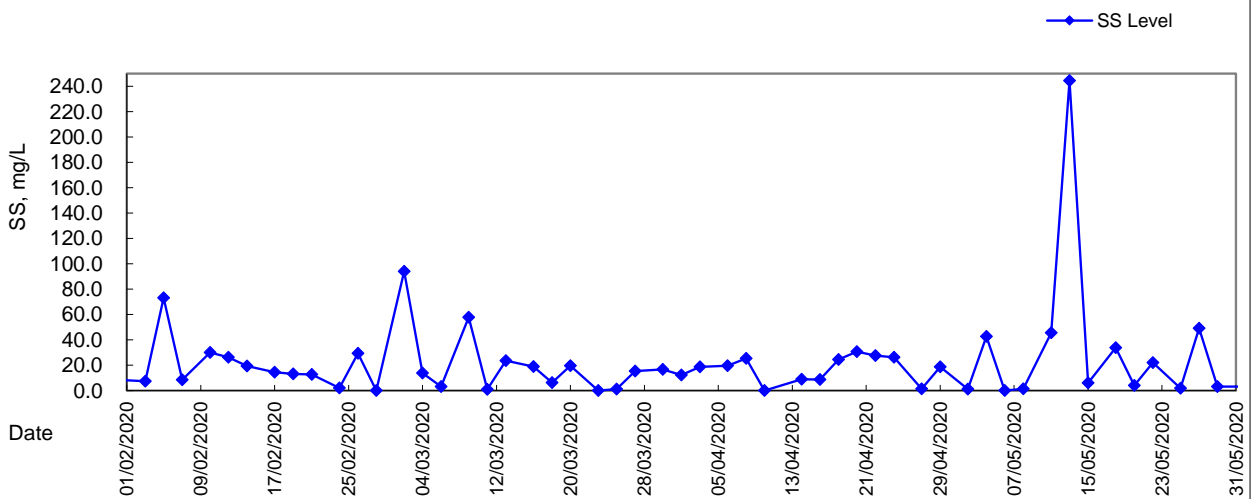


Graphic Presentation of WQM Result

Station AC2 - Upstream reference station - Turbidity

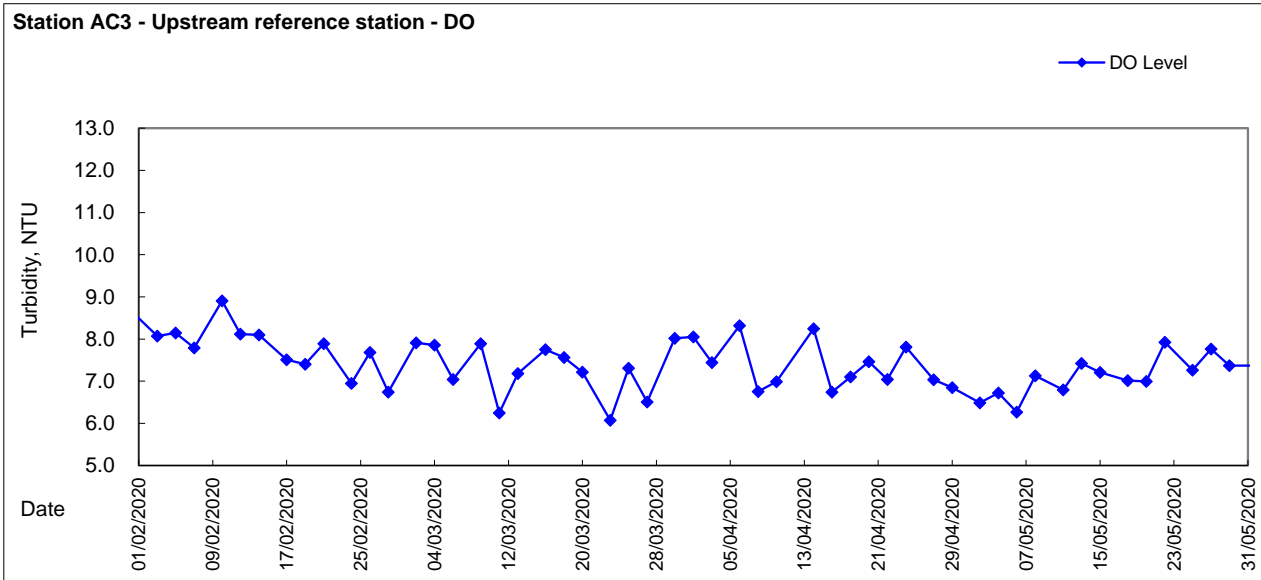
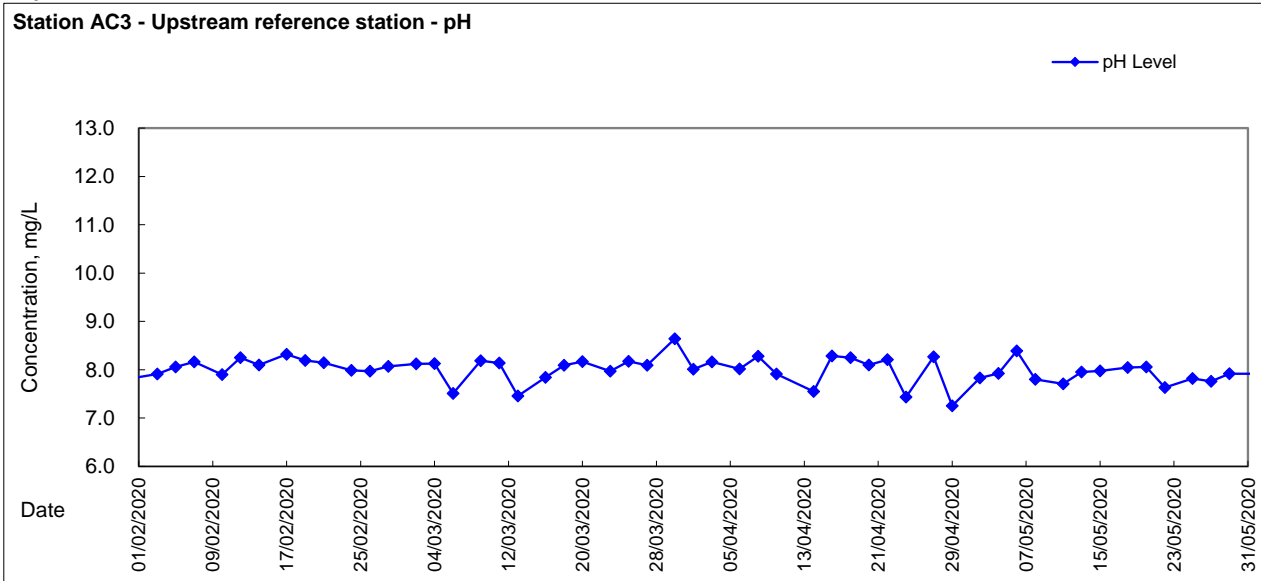


Station AC2 - Upstream reference station - Suspended Solid





Graphic Presentation of WQM Result





Graphic Presentation of WQM Result

