



**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	Average
01-03-19	-	Cloudy	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04-03-19	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06-03-19	-	Cloudy	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08-03-19	9:43	Cloudy	Surface	19.30	19.30	19.25	7.84	7.84	7.9	1.34	1.34	1.35	105.8	106.0	105.28	9.69	9.71	9.6	7.70	7.69	7.7	2.4	2.7
	9:45			19.20	19.20		7.87	7.87		1.35	1.35		104.6	104.7		9.58	9.59		7.69	7.68		3.0	
11-03-19	16:45	Fine	Surface	19.70	19.70	19.75	7.56	7.56	7.5	0.03	0.03	0.03	104.0	103.8	103.03	9.49	9.47	9.4	10.07	10.00	10.0	2.0	2.2
	16:47			19.80	19.80		7.47	7.47		0.03	0.03		102.3	102.0		9.32	9.30		9.94	9.94		2.4	
13-03-19	16:00	Fine	Surface	19.80	19.80	19.80	7.99	7.99	8.0	0.03	0.03	0.03	107.6	107.2	105.80	9.80	9.76	9.6	10.95	10.93	10.9	1.6	1.9
	16:02			19.80	19.80		7.98	7.98		0.03	0.03		104.3	104.1		9.49	9.46		10.92	10.92		2.2	
15-03-19	15:00	Cloudy	Surface	19.50	19.50	19.50	8.19	8.19	8.2	0.04	0.04	0.04	76.9	76.0	75.45	7.05	6.98	6.9	10.37	10.37	10.4	1.9	2.0
	15:02			19.50	19.50		8.19	8.19		0.04	0.04		75.0	73.9		6.88	6.77		10.37	10.37		2.0	
18-03-19	-	Cloudy	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20-03-19	17:00	Cloudy	Surface	21.80	21.80	21.85	8.40	8.40	8.40	0.49	0.49	0.50	102.0	101.8	101.93	8.92	8.90	8.91	14.70	14.68	14.68	17.9	18.2
	17:02			21.90	21.90		8.40	8.40		0.51	0.51		102.1	101.8		8.92	8.88		14.68	14.66		18.5	
22-03-19	9:40	Cloudy	Surface	21.80	21.80	21.85	7.80	7.80	7.8	0.10	0.10	0.10	96.4	96.6	96.25	8.45	8.46	8.4	10.96	10.97	11.0	11.4	11.0
	9:42			21.90	21.90		7.77	7.77		0.10	0.10		95.8	96.2		8.39	8.43		10.95	10.95		10.5	
25-03-19	16:20	Cloudy	Surface	20.90	20.90	20.90	7.60	7.60	7.6	0.05	0.05	0.05	102.5	102.4	101.40	9.14	9.13	9.0	22.10	22.04	21.6	9.9	10.1
	16:22			20.90	20.90		7.57	7.57		0.05	0.05		100.3	100.4		8.93	8.94		21.25	21.18		10.3	
27-03-19	-	Cloudy	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29-03-19	10:00	Fine	Surface	21.80	21.80	21.95	8.03	8.03	8.0	0.03	0.03	0.04	94.4	94.1	94.00	8.25	8.21	8.2	9.89	9.89	9.9	4.9	5.0
	10:02			22.10	22.10		8.02	8.02		0.04	0.04		93.6	93.9		8.16	8.18		9.89	9.88		5.1	

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
01-03-19	9:15	Cloudy	Surface	19.90	19.90	20.00	8.17	8.17	8.1	0.40	0.40	0.41	112.1	111.3	110.73	10.15	10.07	10.0	6.35	6.36	6.3	2.4	2.6
	9:17			20.10	20.10		8.10	8.10		0.42	0.42		110.0	109.5		9.92	9.90		6.26	6.27		2.7	
04-03-19	14:55	Fine	Surface	21.70	21.70	21.70	7.73	7.73	7.7	0.18	0.18	0.18	88.8	91.0	90.70	7.88	8.09	8.1	6.52	6.52	6.5	4.6	4.7
	14:57			21.70	21.70		7.73	7.73		0.18	0.18		91.2	91.8		8.10	8.16		6.44	6.44		4.8	
06-03-19	9:45	Cloudy	Surface	20.10	20.10	20.20	8.22	8.22	8.2	0.83	0.83	0.85	111.1	110.1	109.10	10.00	9.90	9.8	6.15	6.17	6.1	5.1	5.1
	9:47			20.30	20.30		8.23	8.23		0.86	0.86		108.0	107.2		9.71	9.63		6.09	6.06		5.1	
08-03-19	9:56	Cloudy	Surface	17.90	17.90	17.90	7.74	7.74	7.7	0.10	0.10	0.10	102.1	101.4	101.53	9.66	9.62	9.6	7.06	7.04	7.0	4.6	4.7
	9:58			17.90	17.90		7.68	7.68		0.10	0.10		101.3	101.3		9.60	9.56		7.00	7.00		4.7	
11-03-19	17:00	Fine	Surface	19.10	19.10	19.15	8.14	8.14	8.2	0.08	0.08	0.08	107.1	106.4	105.38	9.86	9.82	9.7	8.21	8.19	8.2	4.2	4.3
	17:02			19.20	19.20		8.17	8.17		0.08	0.08		104.1	103.9		9.56	9.55		8.16	8.17		4.3	
13-03-19	16:15	Fine	Surface	19.50	19.50	19.60	7.56	7.56	7.5	0.07	0.07	0.08	108.2	107.6	107.05	9.91	9.84	9.8	6.35	6.37	6.4	3.4	3.6
	16:17			19.70	19.70		7.46	7.46		0.08	0.08		106.2	106.2		9.71	9.70		6.44	6.41		3.7	
15-03-19	11:15	Cloudy	Surface	19.50	19.50	19.35	8.20	8.20	8.2	0.52	0.52	0.50	99.4	100.7	98.48	9.18	9.29	9.1	13.54	13.41	13.4	20.4	<u>20.6</u>
	11:17			19.20	19.20		8.19	8.19		0.48	0.48		97.8	96.0		9.02	8.85		13.31	13.32		20.7	
18-03-19	11:10	Cloudy	Surface	19.70	19.70	19.80	7.58	7.58	7.5	0.27	0.27	0.27	111.2	110.3	109.15	10.13	10.04	9.9	6.00	6.06	6.1	3.7	4.0
	11:12			19.90	19.90		7.45	7.48		0.27	0.27		107.7	107.4		9.79	9.76		6.08	6.08		4.3	
20-03-19	10:40	Cloudy	Surface	21.80	21.80	21.85	7.97	7.97	8.0	0.57	0.57	0.58	99.9	99.9	100.08	8.73	8.73	8.7	6.05	6.00	6.0	3.2	3.5
	10:42			21.90	21.90		7.97	7.97		0.58	0.58		100.3	100.2		8.76	8.75		5.99	5.98		3.8	
22-03-19	9:30	Cloudy	Surface	22.40	22.40	22.60	7.78	7.78	7.8	0.10	0.10	0.11	96.4	96.6	96.50	8.30	8.31	8.3	5.05	5.00	5.0	3.7	3.6
	9:32			22.80	22.80		7.76	7.76		0.11	0.11		96.5	96.5		8.30	8.30		4.96	4.97		3.4	
25-03-19	16:40	Cloudy	Surface	20.40	20.40	20.50	9.96	9.96	<u>10.0</u>	0.22	0.22	0.22	95.5	95.5	94.08	8.57	8.57	8.4	112.30	112.20	<u>112.2</u>	86.1	<u>85.7</u>
	16:42			20.60	20.60		9.97	9.97		0.22	0.22		91.4	93.9		8.20	8.42		112.10	112.00		85.3	
27-03-19	12:52	Cloudy	Surface	21.00	21.00	21.03	8.22	8.22	8.2	0.15	0.15	0.15	93.7	92.9	93.08	8.31	8.24	8.3	10.91	10.98	10.9	3.2	3.9
	12:54			21.00	21.10		8.22	8.22		0.15	0.15		92.7	93.0		8.22	8.24		10.84	10.87		4.6	
29-03-19	10:20	Fine	Surface	22.10	22.10	22.15	8.09	8.09	8.1	0.16	0.16	0.16	85.2	85.4	85.28	8.28	8.30	8.3	4.41	4.40	4.4	2.2	2.2
	10:22			22.20	22.20		8.02	8.02		0.16	0.16		85.4	85.1		8.29	8.27		4.42	4.44		2.1	

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	Weater Condition	Sampling Depth m	Water Temperature			pH			Salinity				DO Saturation				DO				Turbidity				Suspended Solids			
				°C		Average	-		Average	ppt		Average	%		mg/L		NTU		mg/L										
				Value	Value		Value	Value		Value	Value		Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value					
01-03-19	9:45	Cloudy	Surface	20.30	20.30	20.35	7.69	7.69	7.7	0.91	0.91	0.91	107.0	106.8	106.23	9.60	9.58	9.5	9.52	9.51	9.5	5.6	5.6						
	9:47			20.40	20.40		7.66	7.66		0.91	0.91		106.0	105.1		9.50	9.40		9.54	9.56		5.5							
04-03-19	11:30	Fine	Surface	21.30	21.30	21.40	8.12	8.12	8.1	0.56	0.56	0.56	90.2	91.1	90.30	7.88	8.09	8.1	6.39	6.50	6.4	7.7	7.5						
	11:32			21.50	21.50		8.11	8.11		0.55	0.55		90.4	89.5		8.10	8.16		6.43	6.43		7.2							
06-03-19	10:35	Cloudy	Surface	20.40	20.40	20.45	8.48	8.48	8.5	0.41	0.41	0.41	110.0	109.6	107.85	9.89	9.87	9.7	21.74	21.82	21.8	16.6	16.4						
	10:37			20.50	20.50		8.54	8.54		0.41	0.41		106.1	105.7		9.59	9.50		21.75	21.76		16.1							
08-03-19	12:52	Cloudy	Surface	17.90	17.90	17.90	7.32	7.32	7.3	0.43	0.43	0.43	105.0	104.8	104.53	9.93	9.92	9.9	54.14	54.14	54.1	45.3	45.3						
	12:54			17.90	17.90		7.31	7.31		0.43	0.43		104.5	103.8		9.89	9.82		54.14	54.14		45.2							
11-03-19	15:55	Fine	Surface	20.60	20.60	20.70	7.54	7.54	7.5	1.45	1.45	1.46	105.5	105.7	104.95	9.37	9.39	9.3	29.38	29.38	29.4	26.6	27.3						
	15:57			20.80	20.80		7.47	7.47		1.47	1.47		104.3	104.3		9.26	9.26		29.38	29.38		27.9							
13-03-19	15:10	Fine	Surface	21.40	21.40	21.45	7.89	7.89	7.9	1.68	1.68	1.69	105.9	105.6	104.93	9.26	9.26	9.2	6.87	6.96	6.9	6.4	6.2						
	15:12			21.50	21.50		7.83	7.83		1.69	1.69		104.7	103.5		9.14	9.03		6.95	6.91		5.9							
15-03-19	13:50	Cloudy	Surface	19.10	19.10	19.15	8.48	8.48	8.5	0.65	0.65	0.65	99.2	99.6	100.15	9.14	9.18	9.2	52.71	52.71	52.7	49.0	50.5						
	13:52			19.20	19.20		8.48	8.48		0.64	0.64		101.6	100.2		9.35	9.23		52.71	52.71		52.0							
18-03-19	10:30	Cloudy	Surface	20.10	20.10	20.20	7.48	7.48	7.4	0.75	0.75	0.75	101.3	101.4	100.28	9.13	9.13	9.0	4.82	4.74	4.8	4.9	4.5						
	10:32			20.30	20.30		7.34	7.34		0.75	0.75		99.2	99.2		8.92	8.92		4.80	4.81		4.1							
20-03-19	12:30	Cloudy	Surface	22.20	22.20	22.35	7.83	7.83	7.8	1.03	1.03	1.03	104.3	103.1	101.70	8.99	8.88	8.7	3.81	3.78	3.8	1.4	1.7						
	12:32			22.50	22.50		7.83	7.83		1.03	1.03		100.2	99.2		8.59	8.52		3.88	3.84		1.9							
22-03-19	10:30	Cloudy	Surface	22.50	22.50	22.65	7.47	7.47	7.4	0.50	0.50	0.50	91.6	92.0	91.75	7.88	7.91	7.9	6.93	6.99	7.0	6.6	6.2						
	10:32			22.80	22.80		7.41	7.41		0.50	0.50		91.6	91.8		7.86	7.89		6.99	6.98		5.8							
25-03-19	15:20	Cloudy	Surface	20.80	20.80	20.85	7.75	7.75	7.7	0.62	0.62	0.63	93.7	93.8	94.18	8.52	8.53	8.5	46.23	46.02	46.2	38.3	37.8						
	15:22			20.90	20.90		7.74	7.74		0.63	0.63		94.6	94.6		8.41	8.41		46.26	46.27		37.2							
27-03-19	10:20	Cloudy	Surface	20.80	20.90	20.88	8.46	8.48	8.5	0.79	0.79	0.79	92.9	91.8	92.23	8.25	8.15	8.2	10.91	11.08	11.0	10.1	10.4						
	10:22			20.90	20.90		8.48	8.49		0.79	0.79		92.3	91.9		8.19	8.15		11.04	11.05		10.6							
29-03-19	9:45	Fine	Surface	22.60	22.60	22.70	7.91	7.91	7.9	1.15	1.15	1.15	87.5	87.6	87.10	7.49	7.50	7.5	6.84	6.82	6.8	2.6	2.7						
	9:47			22.80	22.80		7.89	7.89		1.15	1.15		86.2	87.1		7.38	7.45		6.81	6.81		2.7							

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.



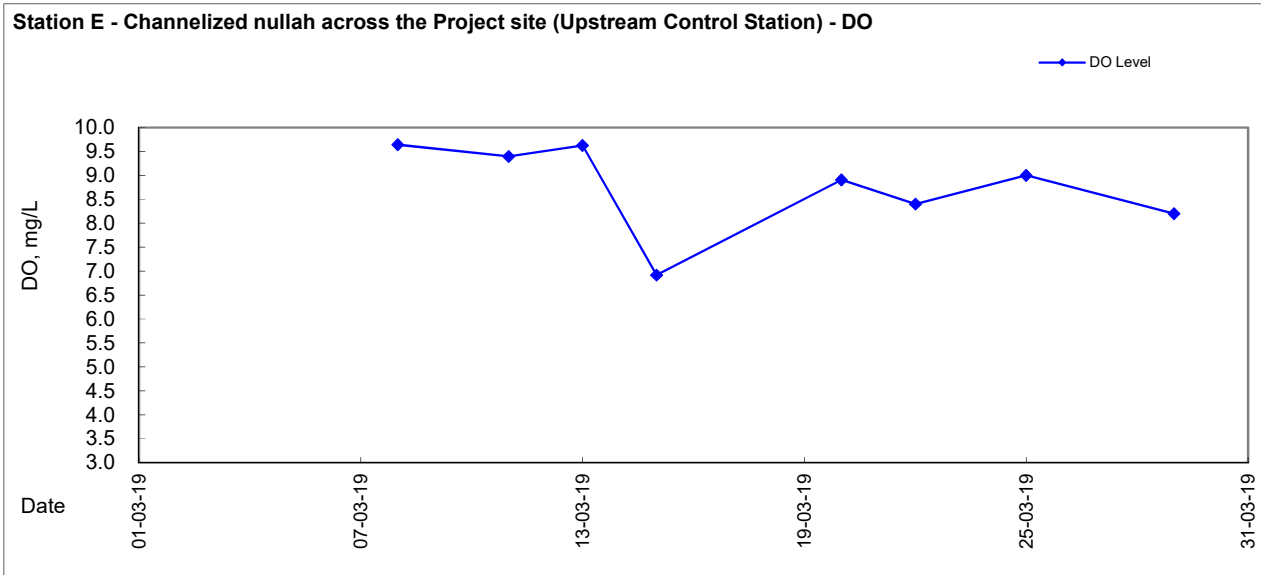
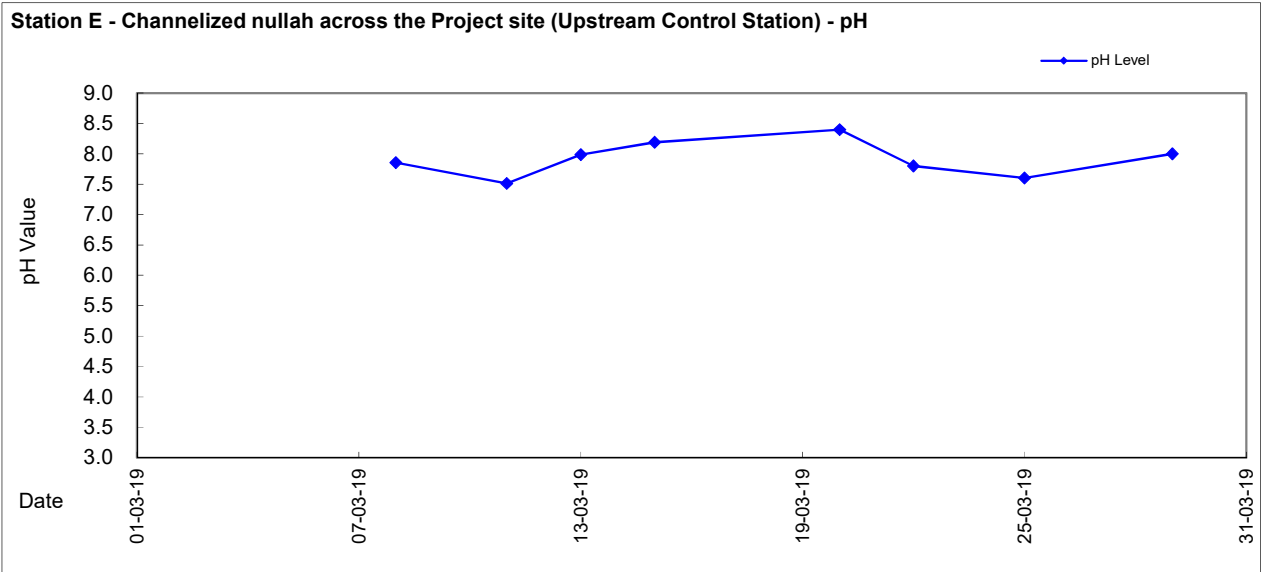
Water Monitoring Result at Monitoring Station I - Ma Yau Tong Stream (Downstream Impact Station)

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
01-03-19	10:05	Cloudy	Surface	20.30	20.30	20.35	7.80	7.80	7.8	0.34	0.34	0.34	113.7	113.2	112.10	10.20	10.19	10.1	7.24	7.13	7.2	10.8	11.0
	10:07			20.40	20.40		7.80	7.80		0.34	0.34		110.7	110.8		9.97	9.97		7.19	7.19		11.2	
04-03-19	12:45	Fine	Surface	21.20	21.20	21.20	7.61	7.61	7.6	0.27	0.27	0.27	96.0	93.3	94.48	8.51	8.26	8.3	2.81	2.81	2.8	1.8	1.7
	12:47			21.20	21.20		7.61	7.61		0.27	0.27		96.4	92.2		8.26	8.16		2.86	2.86		1.6	
06-03-19	10:50	Cloudy	Surface	20.40	20.40	20.40	8.14	8.14	8.1	0.26	0.26	0.26	111.5	110.9	109.93	10.04	9.98	9.9	6.92	7.08	7.0	6.1	5.8
	10:52			20.40	20.40		8.08	8.08		0.26	0.26		108.9	108.4		9.78	9.76		6.99	7.04		5.5	
08-03-19	13:15	Cloudy	Surface	18.30	18.30	18.25	7.30	7.30	7.3	0.20	0.20	0.20	107.7	107.5	107.05	10.14	10.12	10.1	53.96	54.10	53.9	74.5	70.3
	13:17			18.20	18.20		7.25	7.25		0.20	0.20		106.6	106.4		10.03	10.02		53.79	53.67		66.1	
11-03-19	16:25	Fine	Surface	20.20	20.20	20.25	7.46	7.46	7.5	0.30	0.30	0.30	106.6	106.5	104.73	9.61	9.60	9.4	10.97	10.93	10.9	9.9	9.5
	16:27			20.30	20.30		7.45	7.45		0.30	0.30		102.9	102.9		9.27	9.28		10.92	10.91		9.0	
13-03-19	15:35	Fine	Surface	20.70	20.70	20.80	7.81	7.81	7.8	0.31	0.31	0.31	104.0	104.2	103.68	9.28	9.30	9.2	8.91	8.99	8.9	11.0	10.7
	15:37			20.90	20.90		7.87	7.87		0.31	0.31		103.2	103.3		9.20	9.21		8.93	8.94		10.3	
15-03-19	14:05	Cloudy	Surface	19.20	19.20	19.25	8.03	8.03	8.0	0.30	0.30	0.30	95.8	98.2	98.10	8.82	9.04	9.0	28.25	28.23	28.4	12.4	13.2
	14:07			19.30	19.30		8.00	8.00		0.30	0.30		99.4	99.0		9.15	9.11		28.22	28.91		14.0	
18-03-19	10:05	Cloudy	Surface	20.80	20.80	20.85	7.53	7.53	7.5	0.44	0.44	0.45	105.2	104.8	104.23	9.38	9.34	9.3	5.78	5.79	5.8	7.4	7.5
	10:07			20.90	20.90		7.54	7.54		0.45	0.45		103.9	103.0		9.23	9.17		5.79	5.82		7.5	
20-03-19	12:50	Cloudy	Surface	22.40	22.40	22.45	7.89	7.89	7.9	0.30	0.30	0.30	103.1	102.5	101.80	8.91	8.85	8.8	1.90	1.90	1.9	7.2	7.3
	12:52			22.50	22.50		7.87	7.87		0.30	0.30		101.0	100.6		8.72	8.69		1.94	1.94		7.4	
22-03-19	10:45	Cloudy	Surface	22.90	22.90	22.90	7.51	7.51	7.5	0.29	0.29	0.29	102.7	102.5	101.23	8.78	8.75	8.6	12.30	12.31	12.3	7.6	7.3
	10:47			22.90	22.90		7.48	7.48		0.29	0.29		99.9	99.8		8.53	8.52		12.29	12.29		7.0	
25-03-19	15:00	Cloudy	Surface	21.40	21.40	21.40	8.18	8.18	8.2	1.00	1.00	1.01	96.4	96.3	95.93	8.44	8.43	8.4	72.14	71.98	72.0	62.7	62.3
	15:02			21.40	21.40		8.16	8.16		1.01	1.01		95.5	95.5		8.37	8.35		72.09	71.98		61.9	
27-03-19	11:15	Cloudy	Surface	21.30	21.30	21.30	8.24	8.21	8.2	0.33	0.33	0.33	95.7	95.2	95.28	8.44	8.39	8.4	7.01	7.00	7.0	3.3	3.5
	11:17			21.30	21.30		8.23	8.20		0.33	0.33		95.5	94.7		8.41	8.34		6.96	6.98		3.6	
29-03-19	9:30	Fine	Surface	23.60	23.60	23.70	8.07	8.07	8.1	0.66	0.66	0.67	98.3	98.5	98.30	8.27	8.29	8.3	16.91	16.95	16.9	9.8	10.0
	9:32			23.80	23.80		8.08	8.08		0.68	0.68		98.3	98.1		8.26	8.25		16.97	16.96		10.1	

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

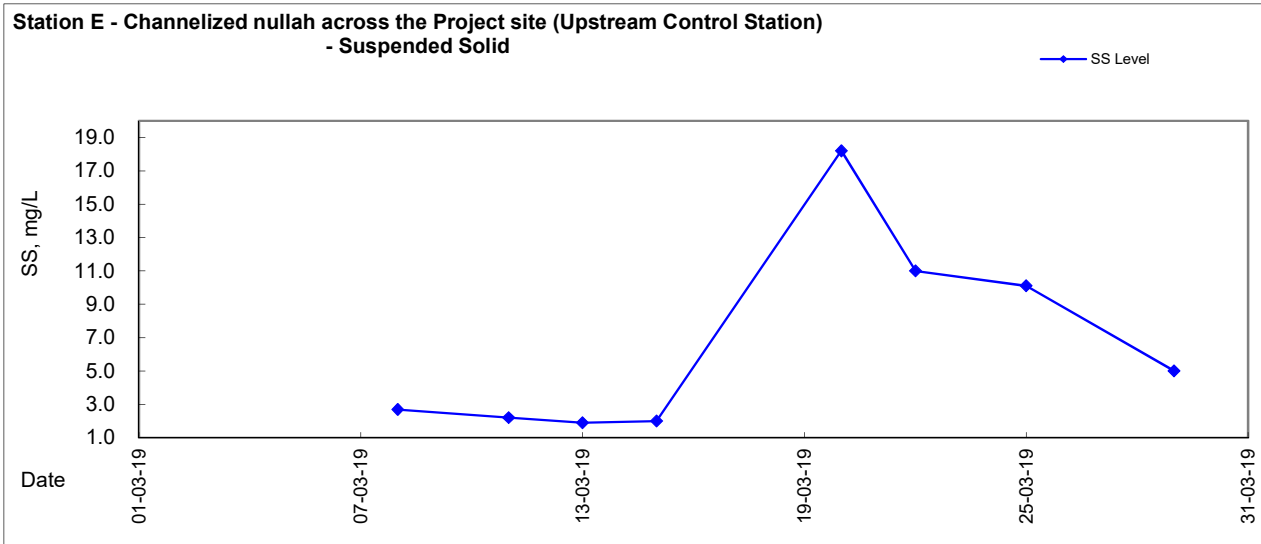
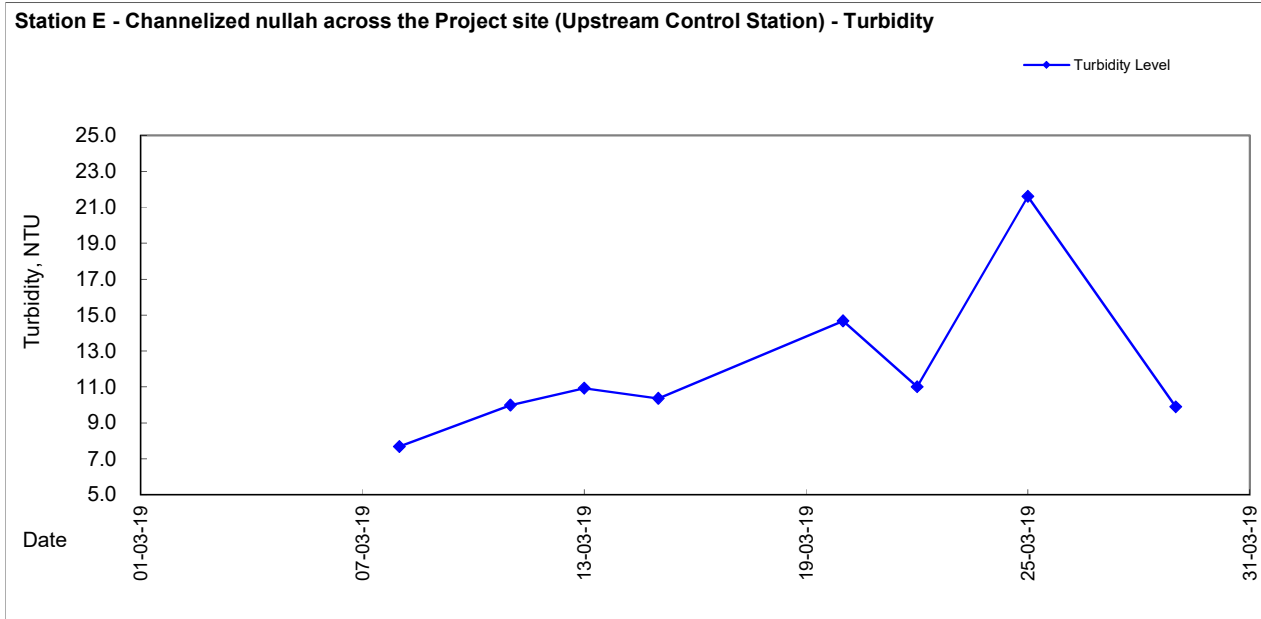


Graphic Presentation of WQM Result



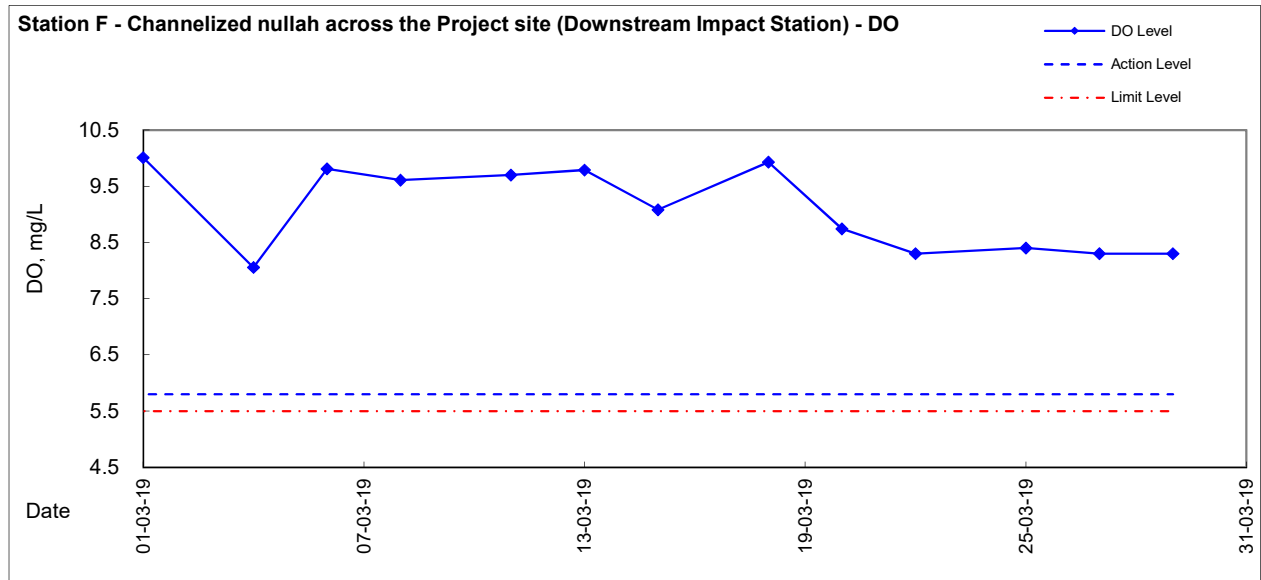
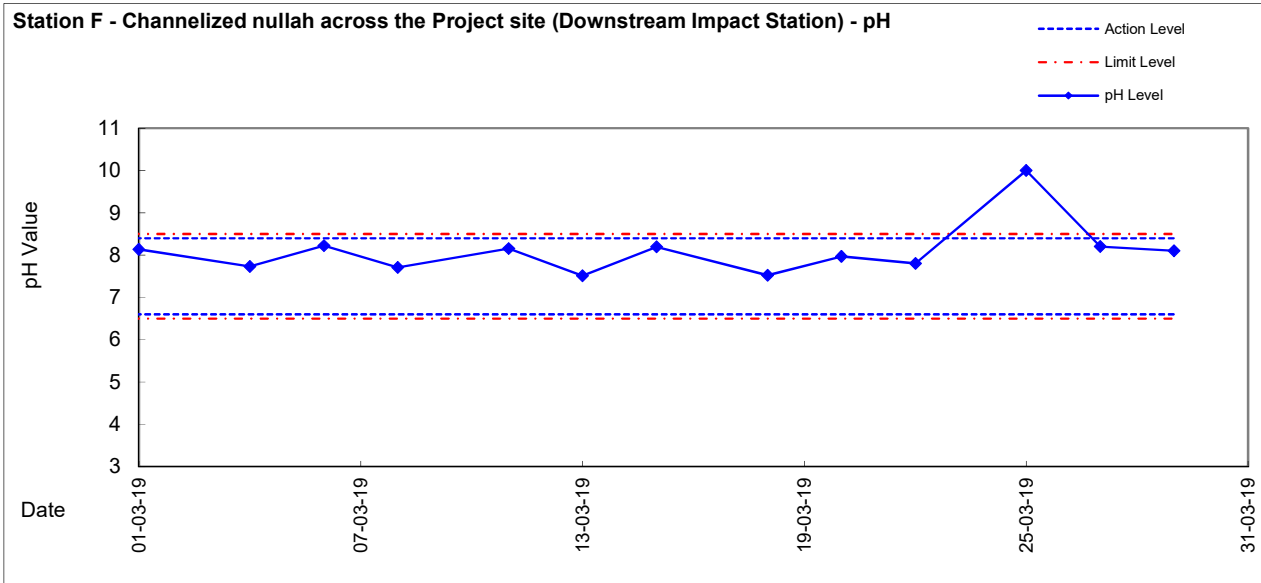


Graphic Presentation of WQM Result



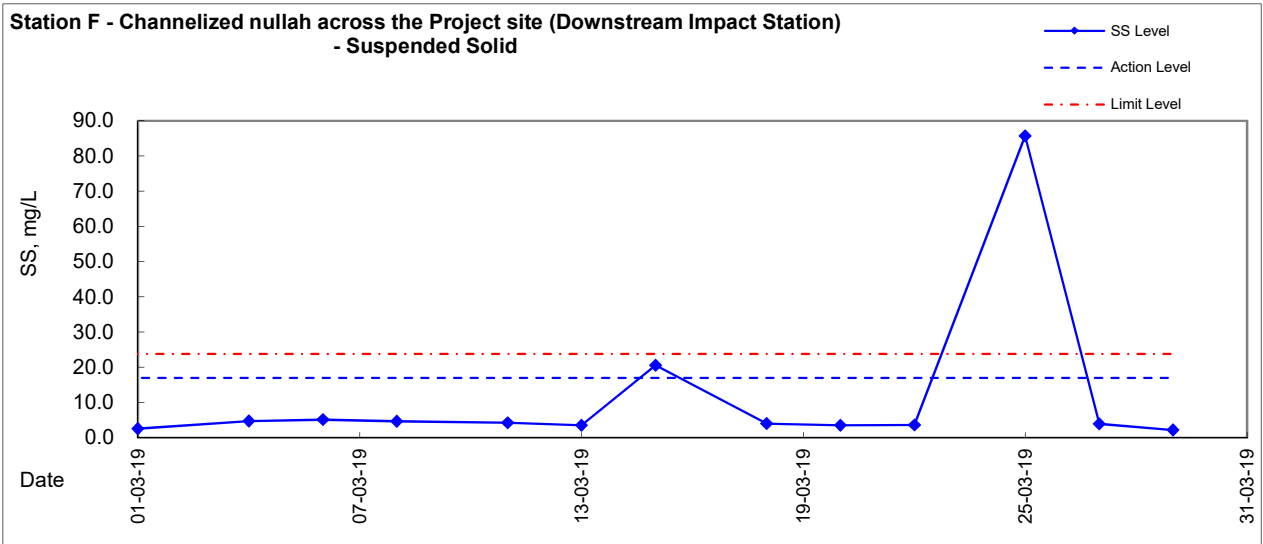
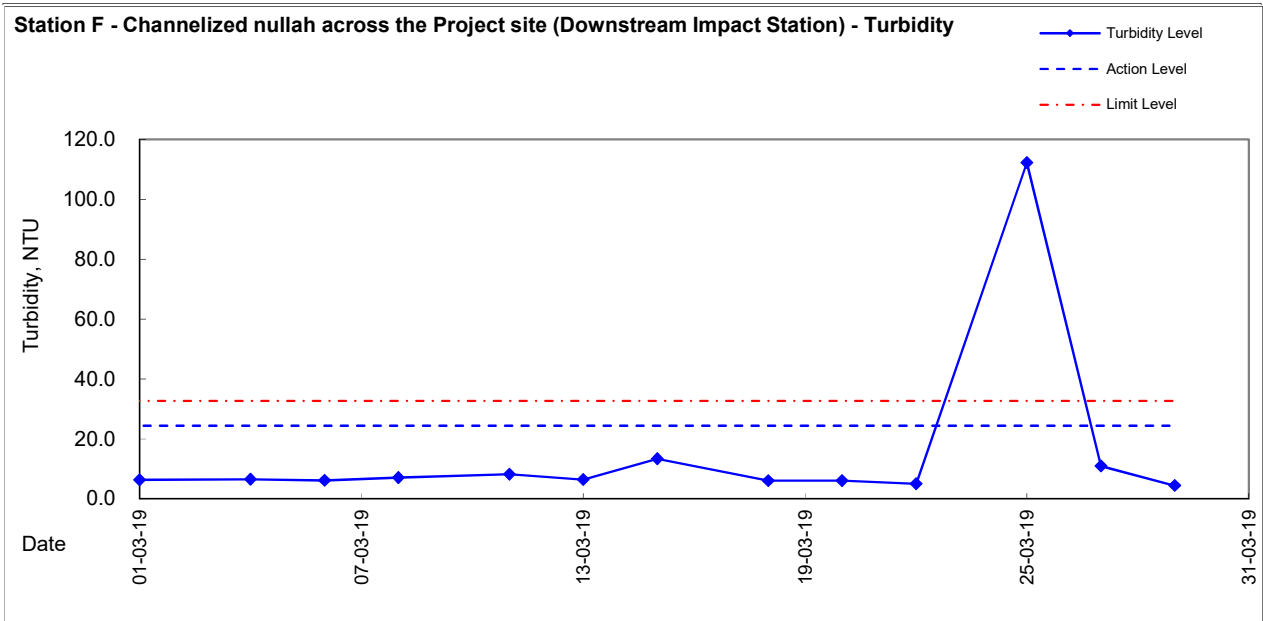


Graphic Presentation of WQM Result





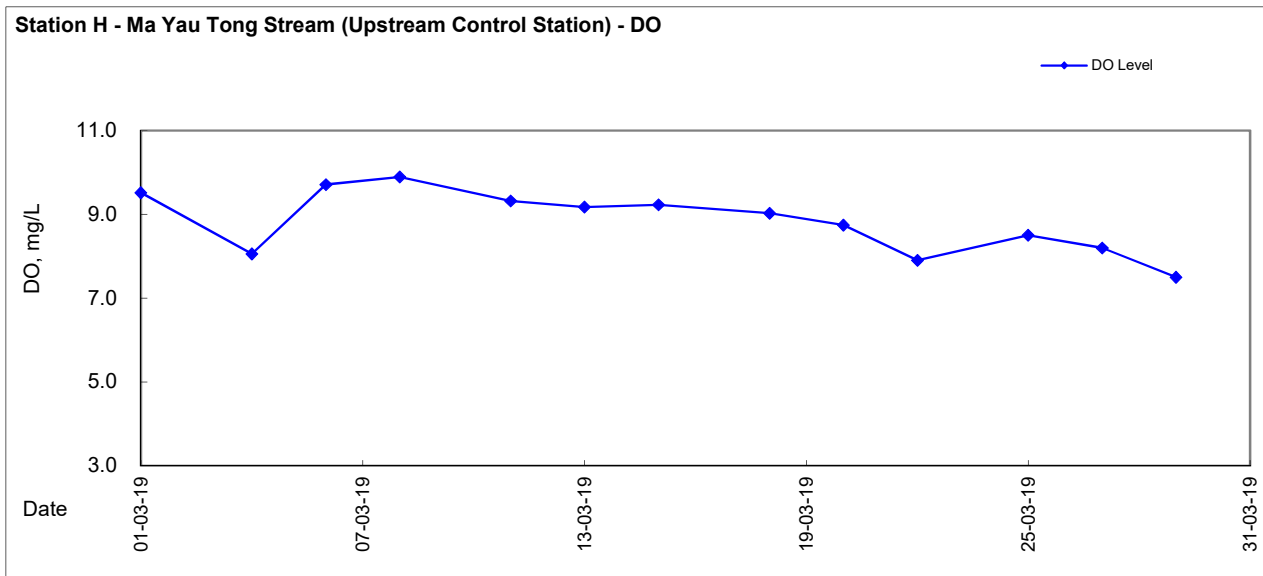
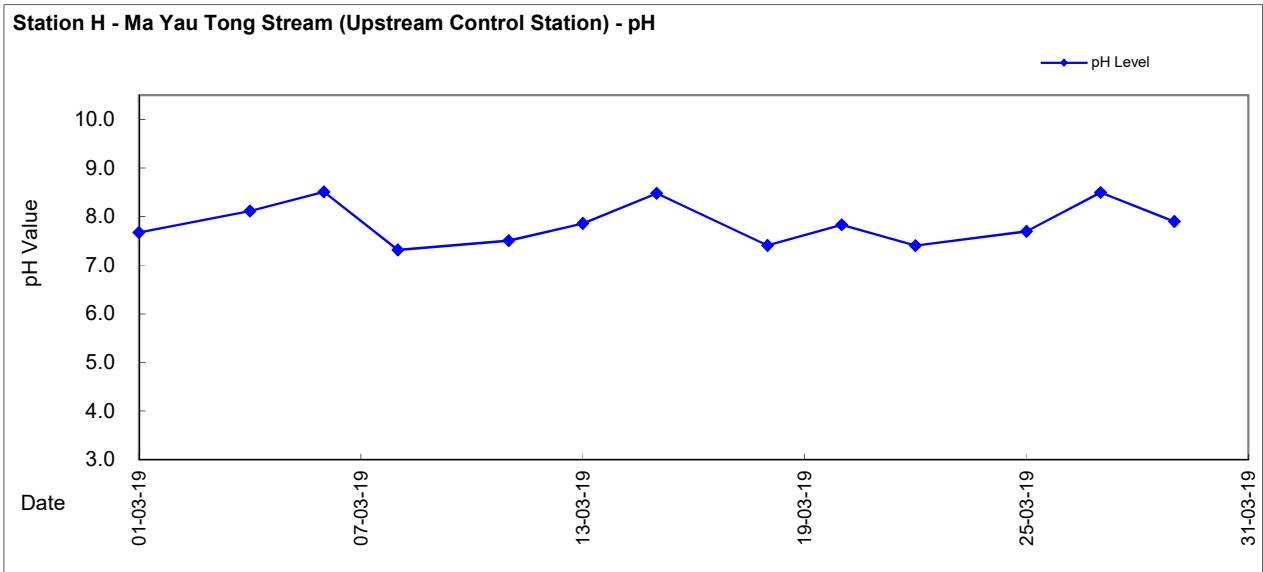
Graphic Presentation of WQM Result





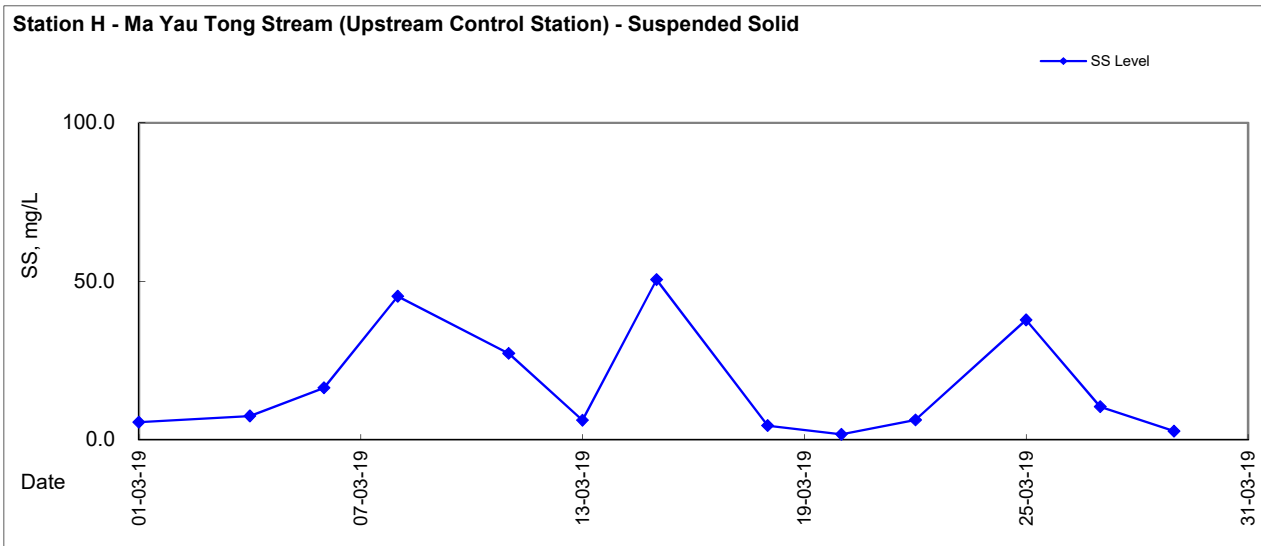
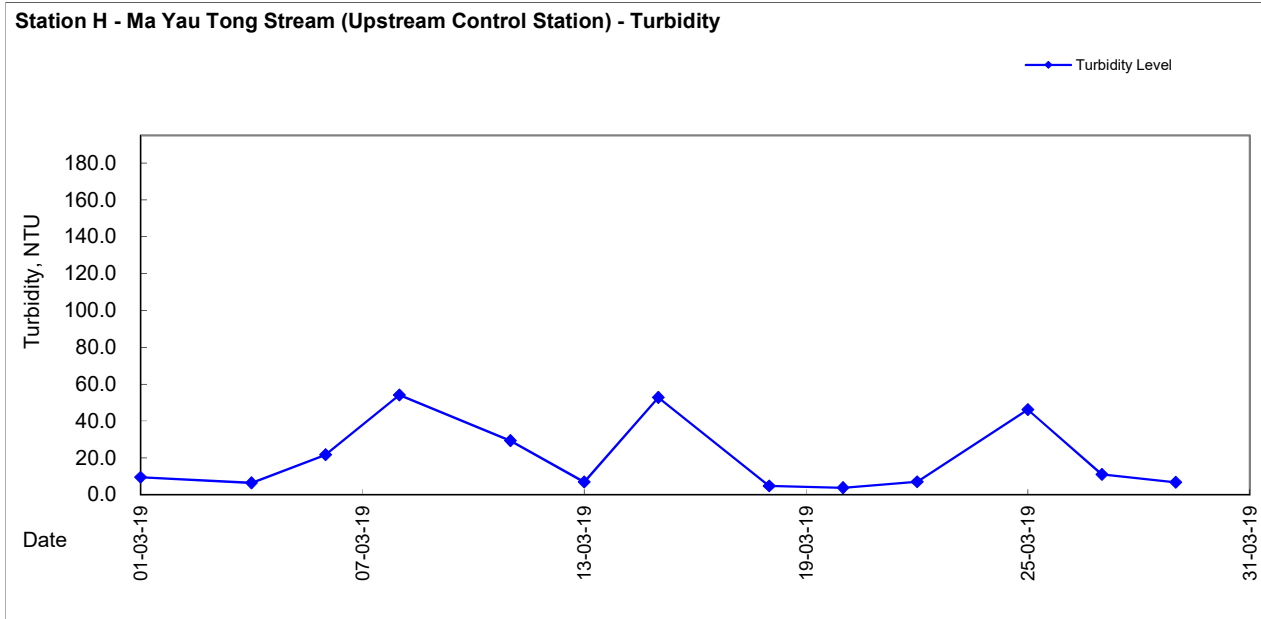


Graphic Presentation of WQM Result



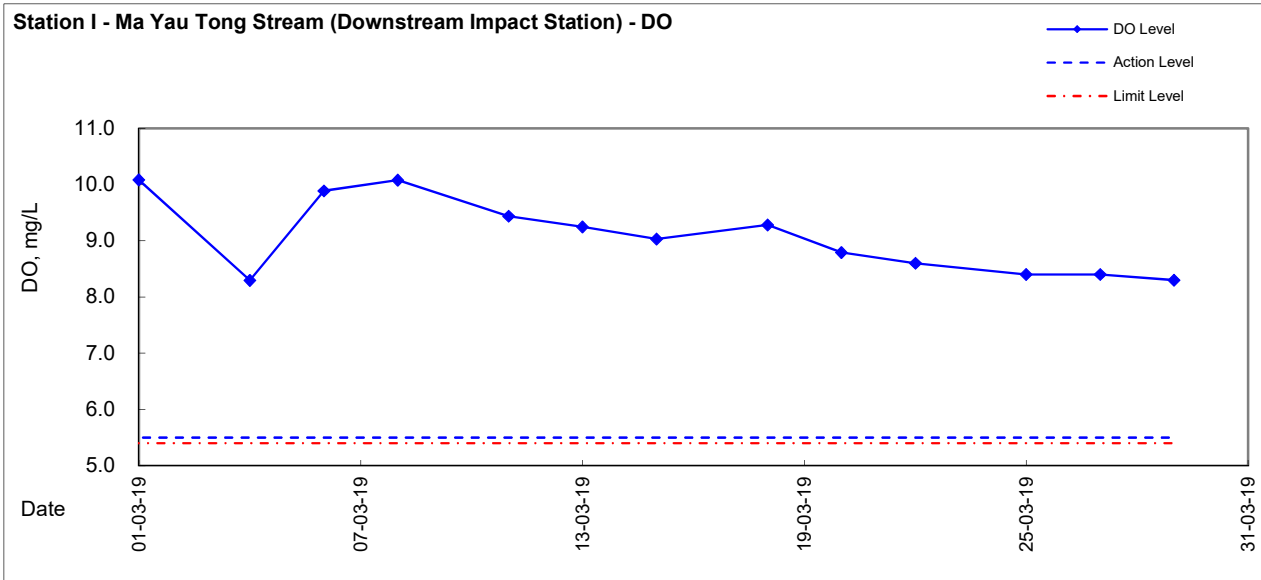
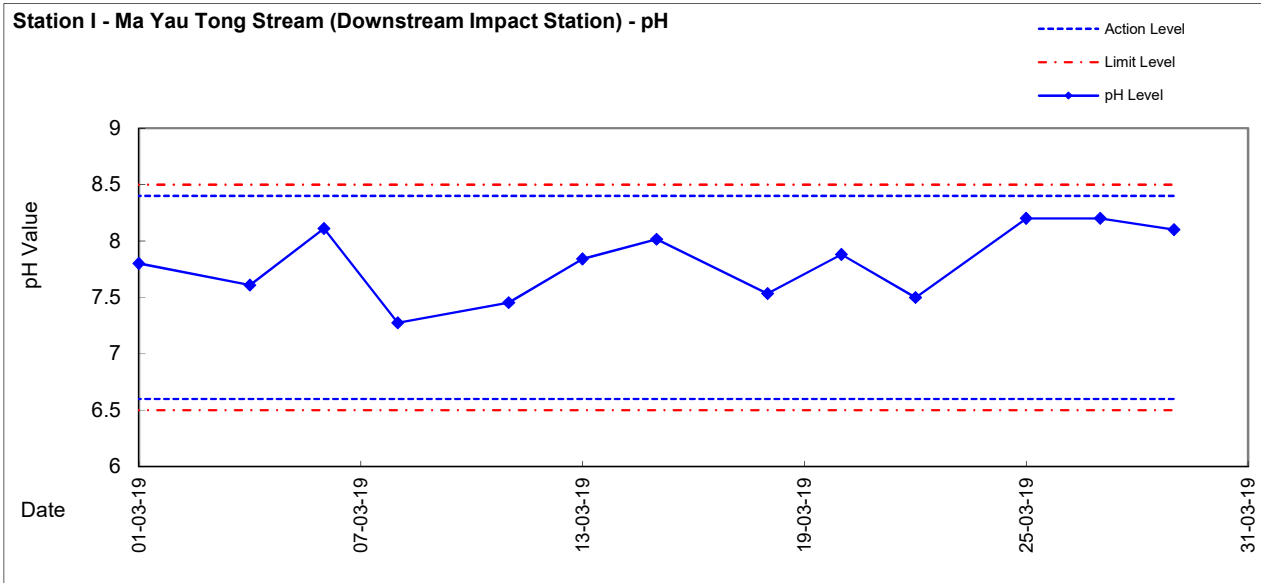


Graphic Presentation of WQM Result





Graphic Presentation of WQM Result





Graphic Presentation of WQM Result

