



**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
02-05-19	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
04-05-19	10:20	Cloudy	Surface	21.80	21.80	21.85	8.36	8.36	8.3	0.40	0.40	0.42	100.5	100.0	99.75	7.78	7.76	8.7	10.14	10.06	10.1	5.2	5.5
	10:22			21.90	21.90		8.32	8.32		0.43	0.43		99.5	99.0		7.84	7.82		10.08	10.08		5.8	
06-05-19	13:42	Fine	Surface	21.70	21.70	21.65	8.44	8.44	8.4	0.11	0.11	0.11	80.0	78.9	78.43	7.05	6.95	6.9	9.81	9.81	9.8	3.6	3.1
	13:44			21.60	21.60		8.44	8.44		0.11	0.11		78.0	76.8		6.86	6.75		9.81	9.81		2.6	
08-05-19	8:05	Cloudy	Surface	20.80	20.80	20.75	9.29	9.29	9.1	0.06	0.06	0.06	93.5	90.9	90.33	8.57	8.29	8.2	10.49	10.49	10.5	4.3	3.7
	8:07			20.70	20.70		8.82	8.82		0.06	0.06		88.6	88.3		7.93	7.91		10.49	10.49		3.1	
10-05-19	9:50	Fine	Surface	22.70	22.70	22.80	8.44	8.44	8.4	1.12	1.12	1.13	101.6	100.9	100.50	8.68	8.60	8.6	8.21	8.21	8.2	2.4	2.0
	9:52			22.90	22.90		8.43	8.43		1.14	1.14		99.8	99.7		8.57	8.51		8.18	8.19		1.6	
14-05-19	10:00	Fine	Surface	25.10	25.10	25.15	7.80	7.80	7.8	0.04	0.04	0.04	97.1	97.1	96.88	8.01	8.01	8.0	7.53	7.53	7.5	2.0	2.2
	10:02			25.20	25.20		7.80	7.80		0.04	0.04		96.8	96.5		7.97	7.95		7.53	7.52		2.4	
16-05-19	9:40	Fine	Surface	25.00	25.00	25.15	7.90	7.90	7.9	0.95	0.95	0.97	99.0	99.1	98.83	8.11	8.12	8.1	8.84	8.85	8.8	2.8	3.2
	9:42			25.30	25.30		7.88	7.88		0.99	0.99		98.5	98.7		8.07	8.08		8.85	8.82		3.6	
18-05-19	9:30	Fine	Surface	26.30	26.30	26.35	7.81	7.81	7.8	0.24	0.24	0.25	98.5	98.6	98.25	7.92	7.93	7.9	5.92	5.92	5.9	1.9	2.1
	9:32			26.40	26.40		7.83	7.83		0.26	0.26		98.0	97.9		7.87	7.86		5.89	5.84		2.3	
20-05-19	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22-05-19	10:45	Fine	Surface	23.30	23.30	23.40	8.49	8.49	8.5	0.29	0.29	0.30	98.6	97.3	97.50	8.37	8.26	8.3	8.87	8.84	8.8	2.3	2.5
	10:47			23.50	23.50		8.50	8.50		0.30	0.30		97.3	96.8		8.25	8.20		8.80	8.79		2.7	
24-05-19	15:07	Rainy	Surface	23.40	23.40	23.40	6.64	6.64	6.6	0.03	0.03	0.03	103.2	99.9	97.63	8.78	8.50	8.3	10.62	10.62	10.6	1.2	1.5
	15:09			23.40	23.40		6.62	6.62		0.03	0.03		93.1	94.3		7.92	8.02		10.62	10.62		1.7	
27-05-19	13:35	Rainy	Surface	24.10	24.10	24.15	8.28	8.28	8.3	0.37	0.37	0.38	105.2	104.0	104.15	8.81	8.71	8.7	17.18	17.18	17.2	12.0	12.5
	13:37			24.20	24.20		8.27	8.27		0.38	0.38		103.8	103.6		8.69	8.67		17.18	17.19		13.0	
29-05-19	11:34	Cloudy	Surface	23.10	23.10	23.20	6.70	6.70	6.7	0.03	0.03	0.03	99.6	99.1	99.20	8.51	8.47	8.5	11.60	11.60	11.7	4.0	4.2
	11:36			23.30	23.30		6.69	6.69		0.02	0.02		100.0	98.1		8.54	8.38		11.73	11.73		4.3	
31-05-19	11:55	Rainy	Surface	24.30	24.30	24.35	7.30	7.30	7.3	0.03	0.03	0.03	104.8	104.2	102.80	8.76	8.70	8.6	10.48	10.48	10.5	3.8	3.7
	11:57			24.40	24.40		7.30	7.30		0.03	0.03		101.0	101.2		8.42	8.44		10.49	10.49		3.6	

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		
02-05-19	12:00	Fine	Surface	22.20	22.20	22.20	8.36	8.36	8.4	0.34	0.34	0.34	79.2	77.8	77.45	6.89	6.76	6.7	7.61	7.61	7.6	4.0	3.8
	12:02			22.20	22.20		8.36	8.36		0.34	0.34		76.8	76.0		6.67	6.61		7.61	7.61		3.6	
04-05-19	10:35	Cloudy	Surface	21.30	21.30	21.35	8.10	8.10	8.1	0.09	0.09	0.10	100.8	100.7	100.30	8.92	8.91	8.9	6.64	6.62	6.6	2.7	2.5
	10:37			21.40	21.40		8.10	8.10		0.10	0.10		100.1	99.6		8.84	8.80		6.59	6.57		2.3	
06-05-19	13:53	Fine	Surface	22.10	22.10	22.10	8.37	8.37	8.4	0.29	0.29	0.29	77.3	76.9	76.95	6.71	6.68	6.7	5.83	5.83	5.8	3.0	3.2
	13:55			22.10	22.10		8.37	8.37		0.29	0.29		76.7	76.9		6.65	6.67		5.83	5.83		3.4	
08-05-19	8:20	Cloudy	Surface	19.90	19.90	19.90	8.14	8.14	8.1	0.04	0.04	0.04	85.6	84.1	84.65	8.74	8.57	8.6	7.77	7.73	7.7	2.8	2.6
	8:22			19.90	19.90		8.14	8.14		0.04	0.04		84.7	84.2		8.62	8.57		7.73	7.76		2.4	
10-05-19	10:05	Fine	Surface	22.00	22.00	22.05	8.44	8.44	8.4	0.09	0.09	0.09	99.4	99.5	99.40	8.68	8.68	8.7	5.68	5.69	5.6	1.4	1.6
	10:07			22.10	22.10		8.44	8.44		0.09	0.09		99.2	99.5		8.64	8.63		5.47	5.58		1.8	
14-05-19	10:10	Fine	Surface	25.20	25.20	25.25	8.26	8.26	8.3	0.26	0.26	0.26	100.4	100.5	100.68	8.25	8.26	8.3	5.99	5.95	6.0	2.4	2.3
	10:12			25.30	25.30		8.25	8.25		0.26	0.26		100.9	100.9		8.28	8.28		5.95	5.94		2.2	
16-05-19	10:00	Fine	Surface	24.60	24.60	24.90	7.95	7.95	8.0	0.13	0.13	0.14	99.1	99.2	99.08	8.18	8.18	8.2	23.80	23.80	23.7	52.9	<u>55.3</u>
	10:02			25.20	25.20		7.97	7.97		0.14	0.14		98.9	99.1		8.14	8.15		23.40	23.60		57.7	
18-05-19	9:45	Fine	Surface	25.50	25.50	25.55	7.80	7.80	7.8	0.04	0.04	0.04	97.0	97.4	96.63	7.93	7.96	7.9	8.26	8.25	8.3	3.1	3.1
	9:47			25.60	25.60		7.76	7.76		0.04	0.04		96.0	96.1		7.83	7.83		8.25	8.27		3.0	
20-05-19	11:50	Fine	Surface	26.60	26.60	26.60	7.26	7.26	7.3	0.12	0.12	0.12	91.1	90.5	90.88	7.25	7.20	7.2	77.99	77.99	<u>78.0</u>	63.7	<u>61.1</u>
	11:52			26.60	26.60		7.26	7.26		0.12	0.12		90.0	91.9		7.16	7.30		77.99	77.99		58.5	
22-05-19	11:00	Fine	Surface	23.90	23.90	23.90	8.38	8.38	8.4	0.10	0.10	0.10	98.1	97.1	97.20	8.24	8.16	8.2	128.40	128.90	<u>129.4</u>	111.0	<u>110.5</u>
	11:02			23.90	23.90		8.37	8.37		0.10	0.10		96.9	96.7		8.14	8.13		130.10	130.20		110.0	
24-05-19	15:20	Rainy	Surface	23.40	23.40	23.38	7.40	7.40	7.4	0.08	0.08	0.08	90.8	88.2	89.35	7.72	7.50	7.6	681.20	681.20	<u>681.2</u>	505.0	<u>499.0</u>
	15:22			23.30	23.40		7.39	7.39		0.08	0.08		89.4	89.0		7.62	7.60		681.20	681.20		493.0	
27-05-19	13:45	Rainy	Surface	24.00	24.00	24.05	8.15	8.15	8.2	0.08	0.08	0.08	97.1	96.4	96.95	8.13	8.10	8.1	70.65	70.62	<u>70.6</u>	152.0	<u>124.3</u>
	13:47			24.10	24.10		8.15	8.15		0.08	0.08		97.2	97.1		8.16	8.17		70.64	70.66		96.6	
29-05-19	11:50	Cloudy	Surface	23.10	23.10	23.15	6.61	6.61	6.6	0.04	0.04	0.04	101.8	100.4	100.58	8.71	8.59	8.6	12.87	12.87	12.9	7.8	8.0
	11:52			23.20	23.20		6.61	6.61		0.04	0.04		100.6	99.5		8.61	8.51		12.90	12.90		8.2	
31-05-19	12:10	Rainy	Surface	24.40	24.40	24.50	6.62	6.62	6.6	0.05	0.05	0.05	106.4	103.8	102.70	8.86	8.64	8.5	10.49	10.49	10.5	7.2	7.2
	12:12			24.60	24.60		6.62	6.62		0.05	0.05		100.0	100.6		8.32	8.37		10.49	10.49		7.2	

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	Average		Value	Average		Value	Average		Value	Average		Value	Average		Value	Average		Value	Average
02-05-19	12:40	Fine	Surface	22.60	22.60	22.70	8.06	8.06	8.0	0.56	0.56	0.56	98.3	97.6	97.03	8.46	8.40	8.3	7.67	7.67	7.7	3.8	3.5
	12:42			22.80	22.80		7.87	7.87		0.56	0.56		96.4	95.8		8.29	8.24		7.67	7.67		3.1	
04-05-19	11:45	Cloudy	Surface	22.10	22.10	22.10	7.61	7.61	7.6	0.71	0.71	0.71	97.6	97.1	96.55	8.92	8.91	8.9	9.95	9.97	10.0	7.7	7.5
	11:47			22.10	22.10		7.60	7.60		0.71	0.71		95.6	95.9		8.84	8.80		9.96	9.94		7.2	
06-05-19	12:56	Fine	Surface	21.50	21.50	21.50	8.03	8.03	8.0	0.36	0.36	0.36	87.6	86.9	87.15	7.64	7.58	7.6	7.37	7.37	7.4	3.8	4.0
	12:58			21.50	21.50		8.03	8.03		0.36	0.36		87.3	86.8		7.60	7.56		7.37	7.37		4.1	
08-05-19	8:40	Cloudy	Surface	20.50	20.50	20.50	8.01	8.01	8.0	0.40	0.40	0.40	87.3	87.2	87.35	7.61	7.60	7.6	3.55	3.56	3.6	2.6	2.5
	8:42			20.50	20.50		8.00	8.00		0.40	0.40		87.1	87.8		7.60	7.68		3.56	3.57		2.4	
10-05-19	14:20	Fine	Surface	23.40	23.40	23.55	8.10	8.10	8.1	0.26	0.26	0.26	102.9	101.5	101.73	8.71	8.58	8.6	28.26	28.11	28.2	20.1	19.7
	14:22			23.70	23.70		8.10	8.10		0.26	0.26		101.5	101.0		8.56	8.52		28.17	28.17		19.2	
14-05-19	11:18	Fine	Surface	24.80	24.80	25.00	7.48	7.48	7.5	0.35	0.35	0.35	96.2	95.2	95.85	7.93	7.84	7.9	7.97	7.99	8.0	3.2	3.4
	11:20			25.20	25.20		7.49	7.49		0.35	0.35		95.9	96.1		7.87	7.89		7.99	7.99		3.6	
16-05-19	10:50	Fine	Surface	25.50	25.50	25.75	8.17	8.17	8.2	0.36	0.36	0.37	98.2	97.2	97.13	7.92	7.87	7.8	42.32	42.28	42.1	40.1	41.2
	10:52			26.00	26.00		8.21	8.21		0.37	0.37		96.5	96.6		7.79	7.80		41.72	41.97		42.2	
18-05-19	10:30	Fine	Surface	26.20	26.20	26.20	7.27	7.27	7.3	0.53	0.53	0.53	98.5	96.9	96.88	7.94	7.81	7.8	12.50	12.49	12.5	4.4	4.3
	10:32			26.20	26.20		7.30	7.30		0.53	0.53		96.1	96.0		7.75	7.74		12.48	12.48		4.1	
20-05-19	12:17	Fine	Surface	26.80	26.80	26.80	7.58	7.58	7.6	0.27	0.27	0.27	95.7	96.1	95.80	7.86	7.87	7.9	6.98	6.98	7.0	57.2	58.8
	12:19			26.80	26.80		7.58	7.58		0.27	0.27		95.6	95.8		7.85	7.87		6.98	6.98		60.3	
22-05-19	13:15	Fine	Surface	25.70	25.70	25.90	8.02	8.02	8.0	0.83	0.83	0.84	96.5	95.7	95.73	7.87	7.76	7.8	31.14	31.15	31.2	27.2	27.5
	13:17			26.10	26.10		8.02	8.02		0.84	0.84		95.6	95.1		7.74	7.69		31.16	31.16		27.8	
24-05-19	14:45	Rainy	Surface	23.90	23.90	23.90	7.13	7.13	7.1	0.36	0.36	0.36	86.1	86.9	86.75	7.24	7.30	7.3	17.43	17.43	17.4	9.6	9.5
	14:47			23.90	23.90		7.12	7.12		0.36	0.36		86.8	87.2		7.29	7.32		17.43	17.43		9.4	
27-05-19	14:25	Rainy	Surface	24.40	24.40	24.40	7.67	7.67	7.7	0.26	0.26	0.26	99.1	99.0	98.15	8.25	8.24	8.2	235.10	238.40	237.8	219.0	218.5
	14:27			24.40	24.40		7.69	7.69		0.26	0.26		97.2	97.3		8.11	8.12		238.80	238.90		218.0	
29-05-19	11:00	Cloudy	Surface	23.90	23.90	23.95	7.16	7.16	7.2	0.15	0.15	0.15	99.9	99.5	98.85	8.40	8.37	8.3	111.60	111.10	111.3	79.8	80.6
	11:02			24.00	24.00		7.16	7.16		0.15	0.15		98.2	97.8		8.26	8.22		111.10	111.30		81.4	
31-05-19	13:50	Rainy	Surface	24.90	24.90	25.00	6.85	6.85	6.8	0.21	0.21	0.21	99.1	97.4	97.18	8.18	8.03	8.0	30.20	30.20	30.2	19.7	19.9
	13:52			25.10	25.10		6.83	6.83		0.21	0.21		95.9	96.3		7.90	7.93		30.19	30.19		20.1	

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.



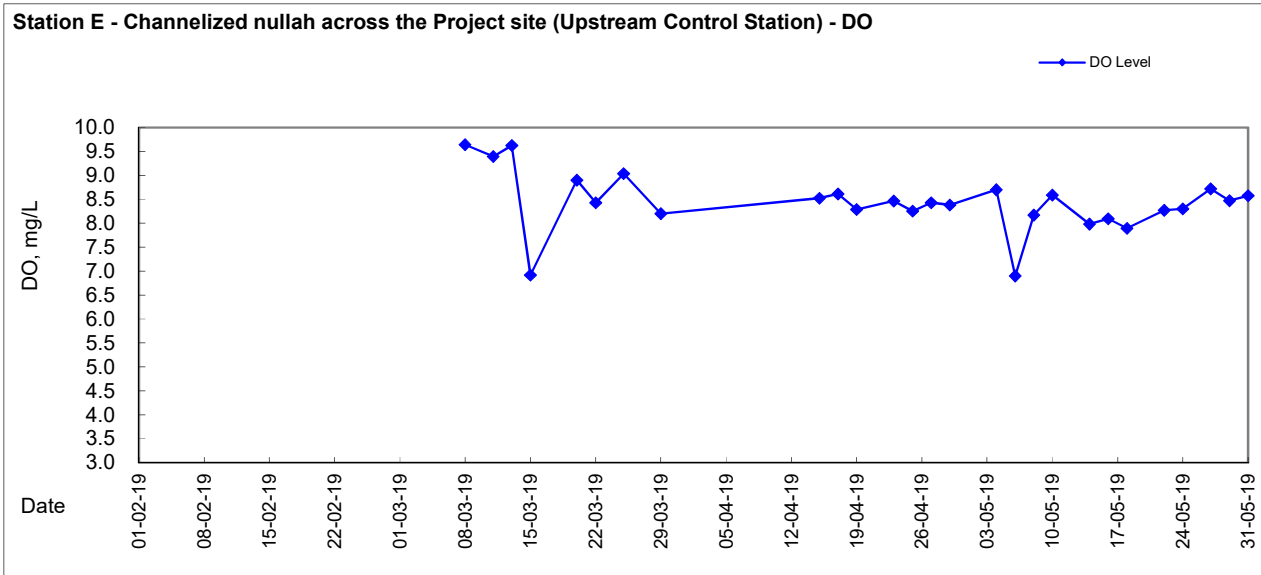
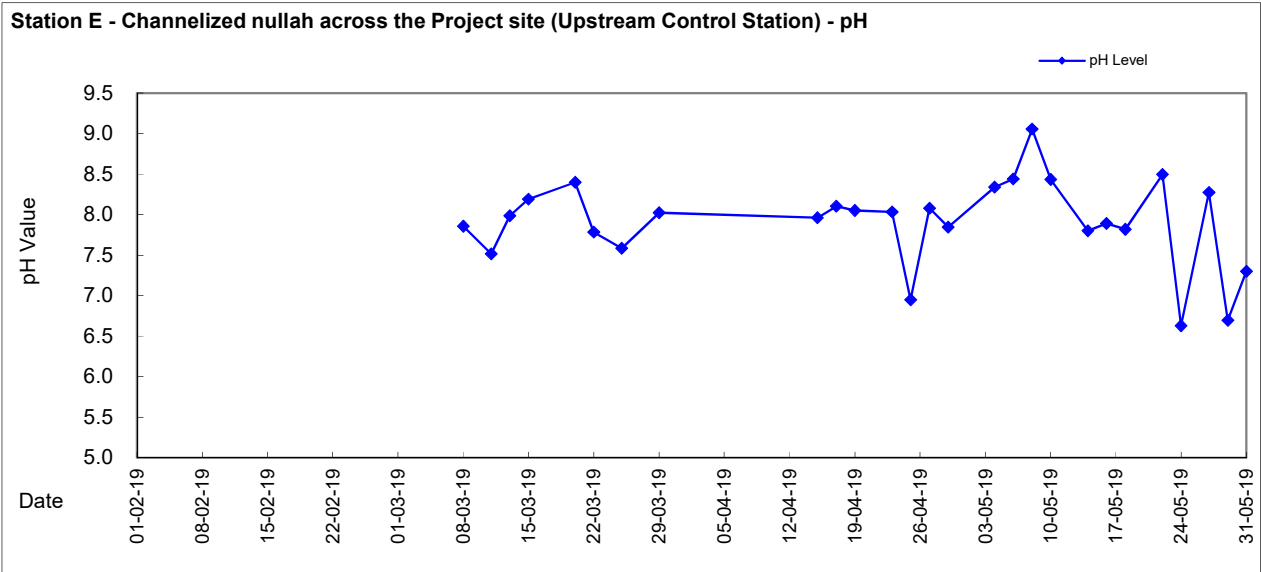
**Water Monitoring Result at Monitoring Station I - Ma You Tong Stream (Downstream Impact Station)**

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	Average		Value	Average		Value	Average		Value	Average	Value	Average	Value	Average	Value	Average			
02-05-19	13:20	Fine	Surface	23.00	23.00	23.00	8.08	8.08	8.1	0.30	0.30	0.30	83.9	81.2	80.15	7.19	6.96	6.9	4.54	4.54	4.5	1.2	1.5
	12:22			23.00	23.00		8.08	8.08		0.30	0.30		79.2	76.3		6.79	6.56		4.54	4.54			
04-05-19	13:55	Cloudy	Surface	22.00	22.00	21.95	7.35	7.35	7.3	0.29	0.29	0.29	94.8	95.4	95.10	8.30	8.35	8.3	4.24	4.27	4.3	7.9	7.4
	13:57			21.90	21.90		7.34	7.34		0.29	0.29		95.2	95.0		8.34	8.32		4.26	4.25		6.9	
06-05-19	12:39	Fine	Surface	21.90	21.90	21.90	7.93	7.93	7.9	0.37	0.37	0.37	73.6	74.1	74.15	6.39	6.42	6.4	3.79	3.79	3.8	3.6	3.7
	12:41			21.90	21.90		7.93	7.93		0.37	0.37		74.6	74.3		6.45	6.43		3.79	3.79		3.8	
08-05-19	9:15	Cloudy	Surface	20.90	20.90	21.00	7.75	7.75	7.7	0.31	0.31	0.31	72.0	72.1	72.30	6.21	6.22	6.2	3.77	3.78	3.8	3.6	3.5
	9:17			21.10	21.10		7.73	7.73		0.31	0.31		72.5	72.6		6.24	6.25		3.79	3.79		3.3	
10-05-19	14:45	Fine	Surface	23.90	23.90	23.85	7.62	7.62	7.6	0.18	0.18	0.18	104.1	103.7	102.70	8.79	8.76	8.7	14.13	14.12	14.1	8.4	8.1
	14:47			23.80	23.80		7.63	7.63		0.18	0.18		101.5	101.5		8.57	8.57		14.08	14.01		7.7	
14-05-19	11:40	Fine	Surface	25.70	25.70	25.85	7.36	7.36	7.4	0.23	0.23	0.23	105.2	104.3	103.40	8.53	8.46	8.4	4.62	4.51	4.6	1.5	1.4
	11:42			26.00	26.00		7.34	7.34		0.23	0.23		102.2	101.9		8.27	8.26		4.58	4.63		1.2	
16-05-19	11:25	Fine	Surface	26.10	26.10	26.15	7.76	7.76	7.8	0.23	0.23	0.23	101.0	100.7	100.20	8.17	8.14	8.1	5.20	5.21	5.2	2.5	2.4
	11:27			26.20	26.20		7.74	7.74		0.23	0.23		100.0	99.1		8.06	8.00		5.20	5.25		2.3	
18-05-19	10:50	Fine	Surface	26.20	26.20	26.25	7.40	7.40	7.4	0.26	0.26	0.26	98.5	98.5	97.98	7.94	7.94	7.9	4.19	4.18	4.2	2.8	2.9
	10:52			26.30	26.30		7.38	7.38		0.26	0.26		97.2	97.7		7.84	7.81		4.18	4.19		2.9	
20-05-19	12:35	Fine	Surface	26.30	26.30	26.30	7.21	7.21	7.2	0.19	0.19	0.19	76.9	77.8	77.38	6.71	6.83	6.8	4.17	4.17	4.2	58.2	59.2
	12:37			26.30	26.30		7.21	7.21		0.19	0.19		77.3	77.5		6.78	6.79		4.17	4.17		60.2	
22-05-19	13:35	Fine	Surface	25.50	25.50	25.65	7.89	7.89	7.9	0.56	0.56	0.57	98.2	98.1	97.85	8.00	7.99	8.0	25.61	25.65	25.6	8.0	7.8
	13:37			25.80	25.80		7.82	7.82		0.57	0.57		97.8	97.3		7.94	7.90		25.67	25.66		7.6	
24-05-19	14:26	Rainy	Surface	24.40	24.40	24.40	7.59	7.59	7.6	0.23	0.23	0.23	100.4	100.3	99.55	8.38	8.37	8.3	11.35	11.35	11.4	2.2	2.5
	14:28			24.40	24.40		7.59	7.59		0.23	0.23		99.2	98.3		8.27	8.19		11.39	11.39		2.7	
27-05-19	14:45	Rainy	Surface	24.70	24.70	24.70	7.74	7.74	7.8	0.19	0.19	0.19	95.5	95.9	96.48	7.92	7.94	8.0	135.30	134.40	134.6	112.0	115.0
	14:47			24.70	24.70		7.76	7.76		0.19	0.19		97.3	97.2		8.07	8.07		134.30	134.30		118.0	
29-05-19	10:35	Cloudy	Surface	24.30	24.30	24.40	7.35	7.35	7.3	0.18	0.18	0.18	99.7	101.7	99.73	8.33	8.48	8.3	65.43	65.31	65.3	51.0	50.9
	10:37			24.50	24.50		7.34	7.34		0.18	0.18		98.0	99.5		8.18	8.30		65.22	65.07		50.7	
31-05-19	14:26	Rainy	Surface	25.30	25.30	25.40	7.11	7.11	7.1	0.25	0.25	0.25	99.4	100.5	99.65	8.14	8.22	8.2	65.21	65.21	64.9	60.6	60.6
	14:28			25.50	25.50		7.12	7.12		0.25	0.25		99.9	98.8		8.18	8.08		64.56	64.56		60.6	

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

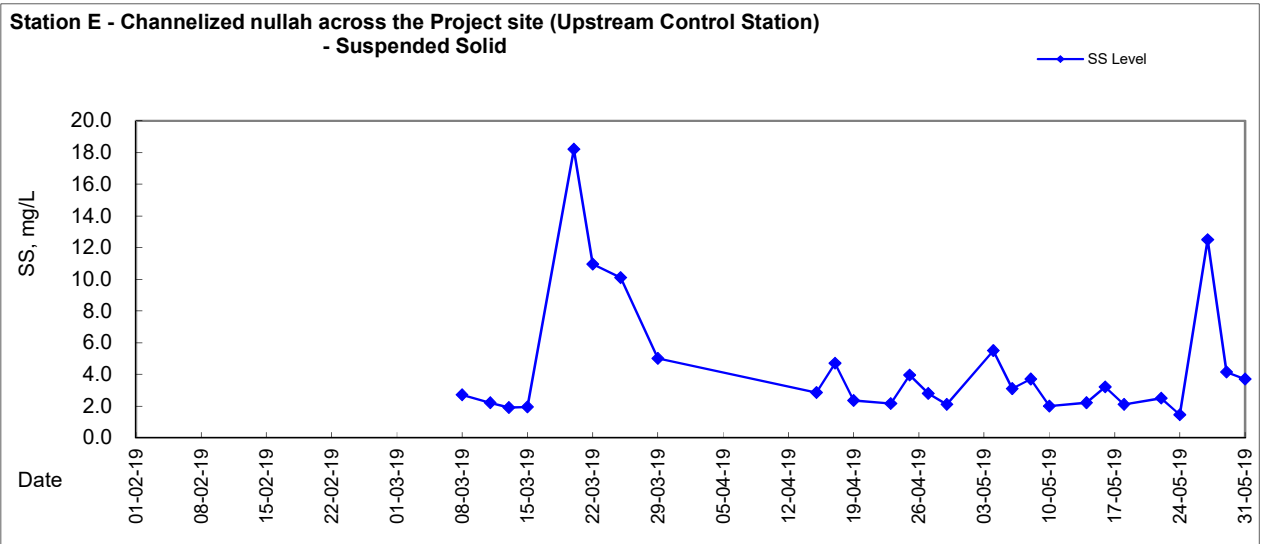
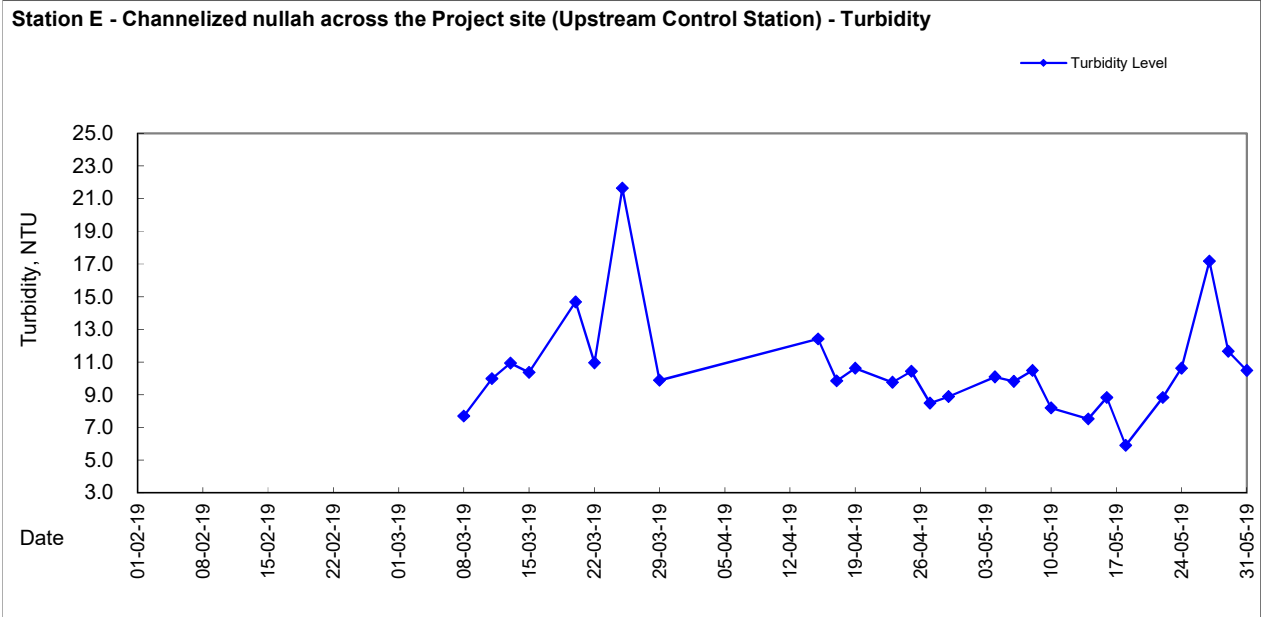


Graphic Presentation of WQM Result



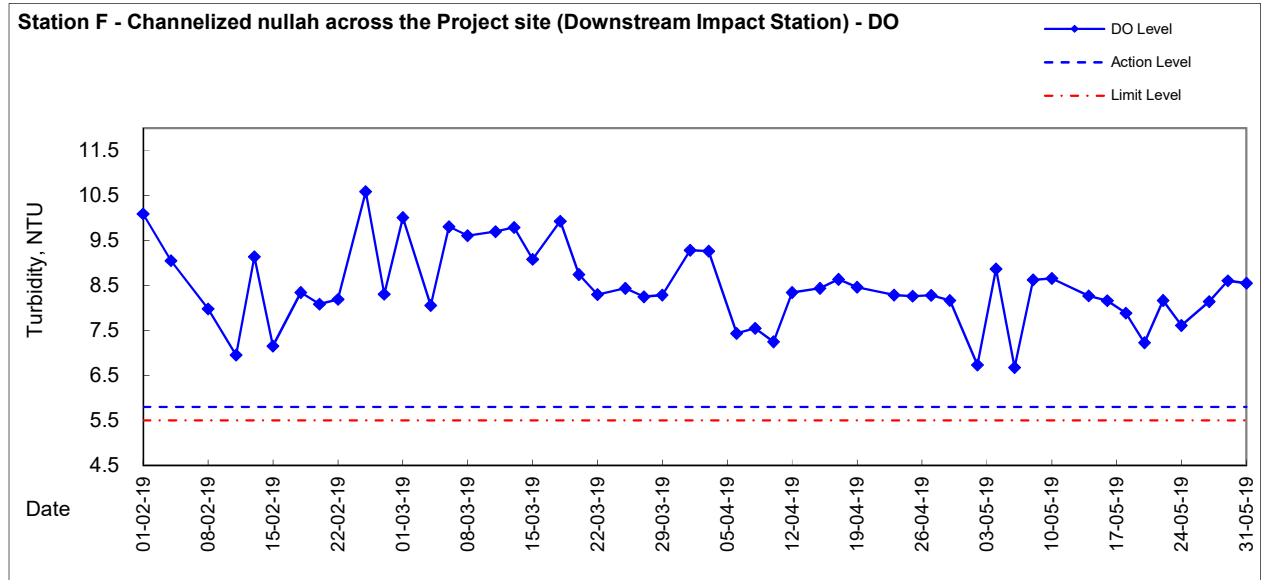
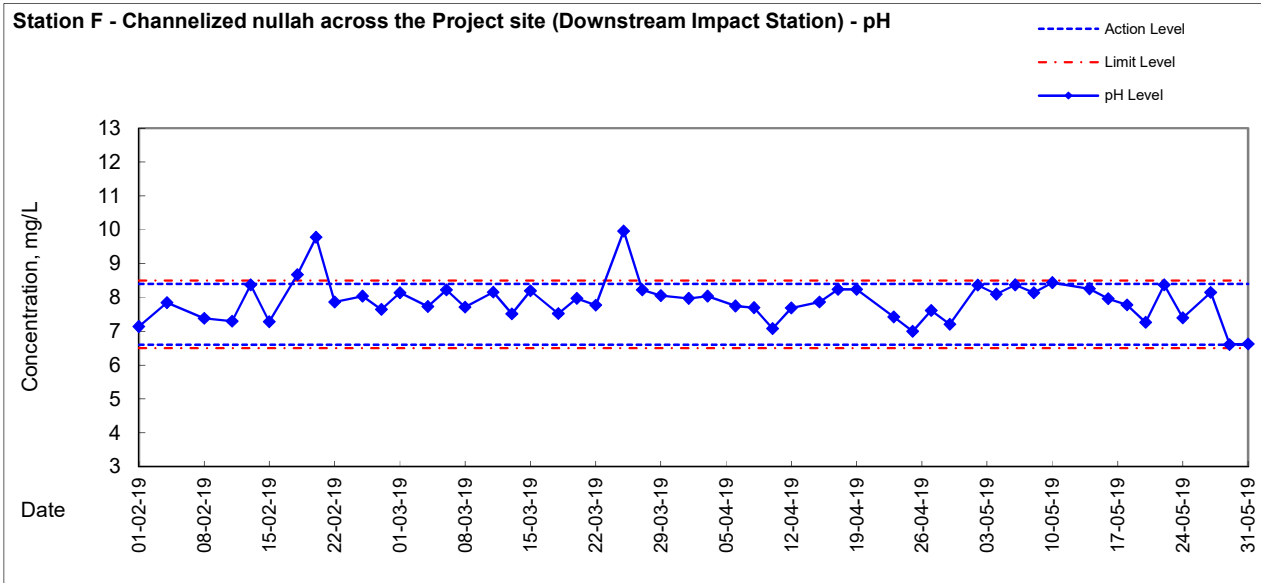


Graphic Presentation of WQM Result



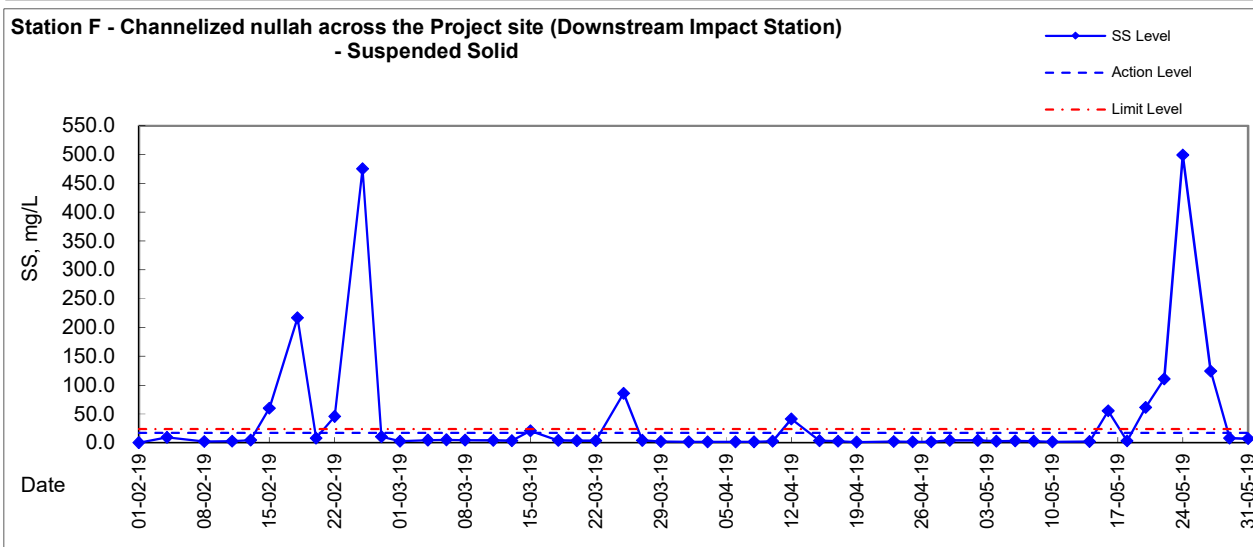
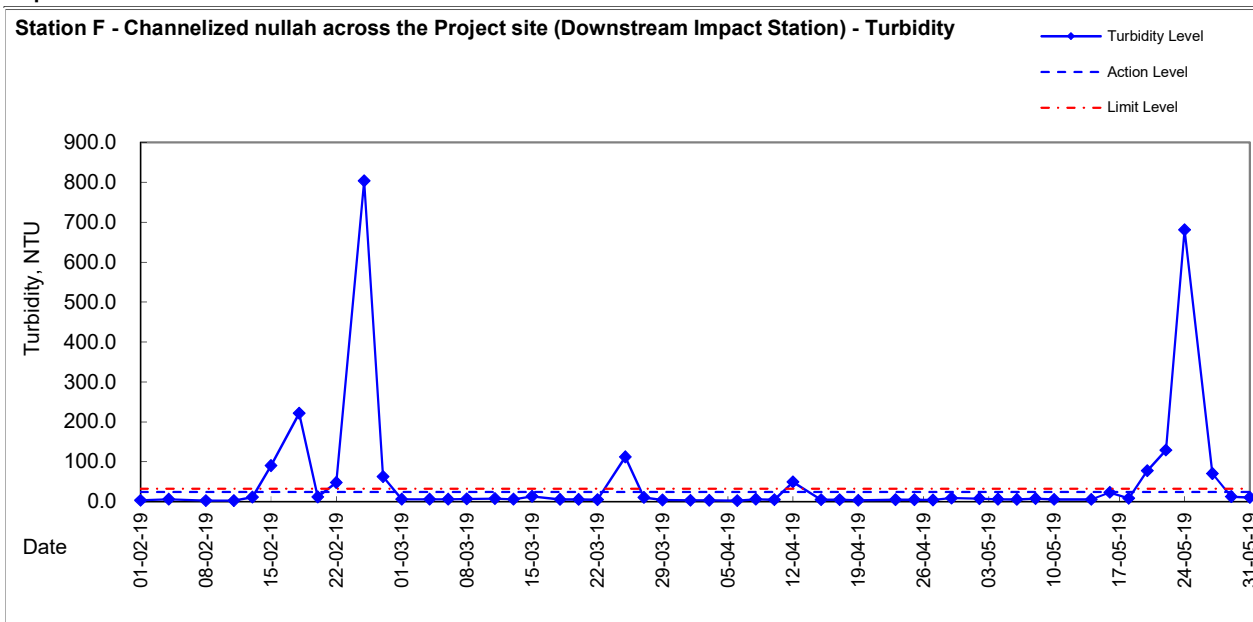


Graphic Presentation of WQM Result





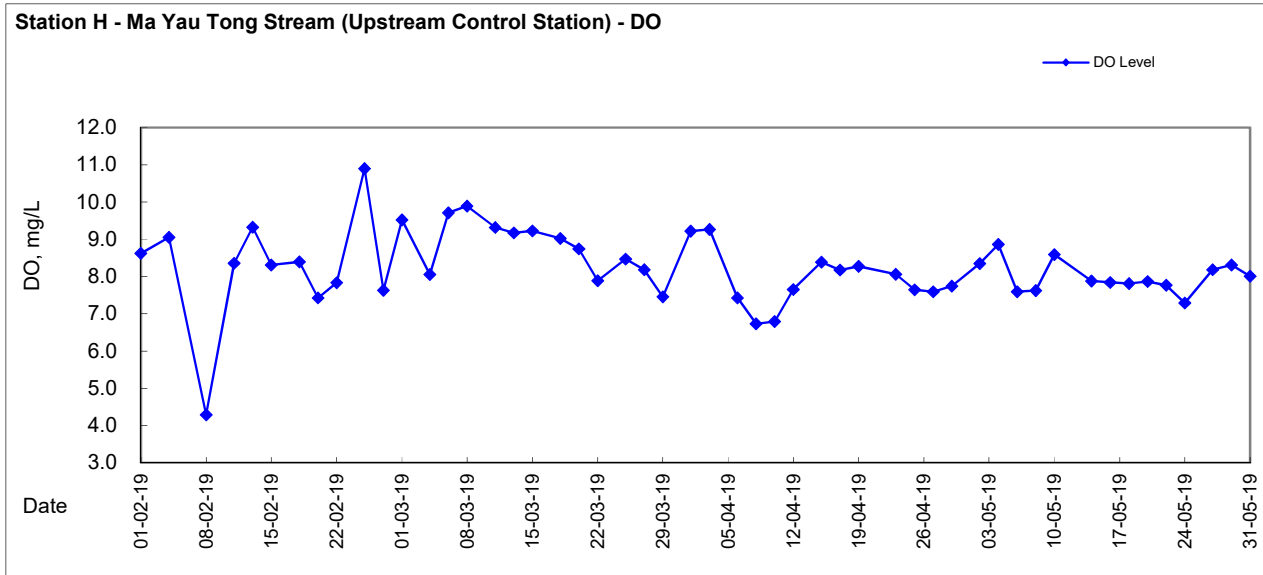
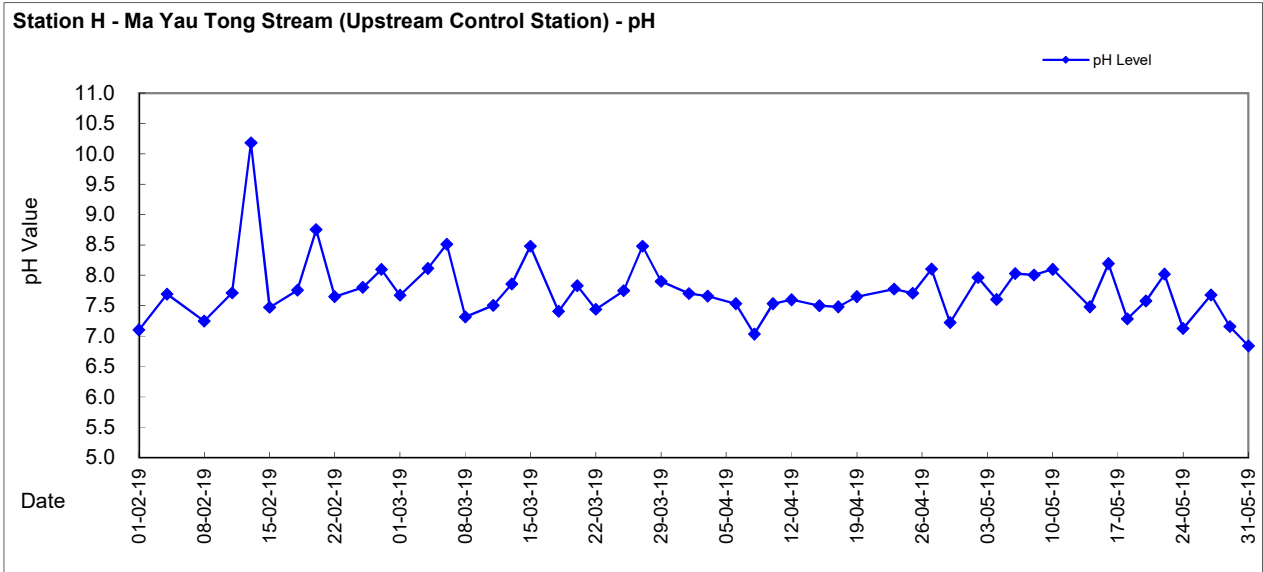
Graphic Presentation of WQM Result





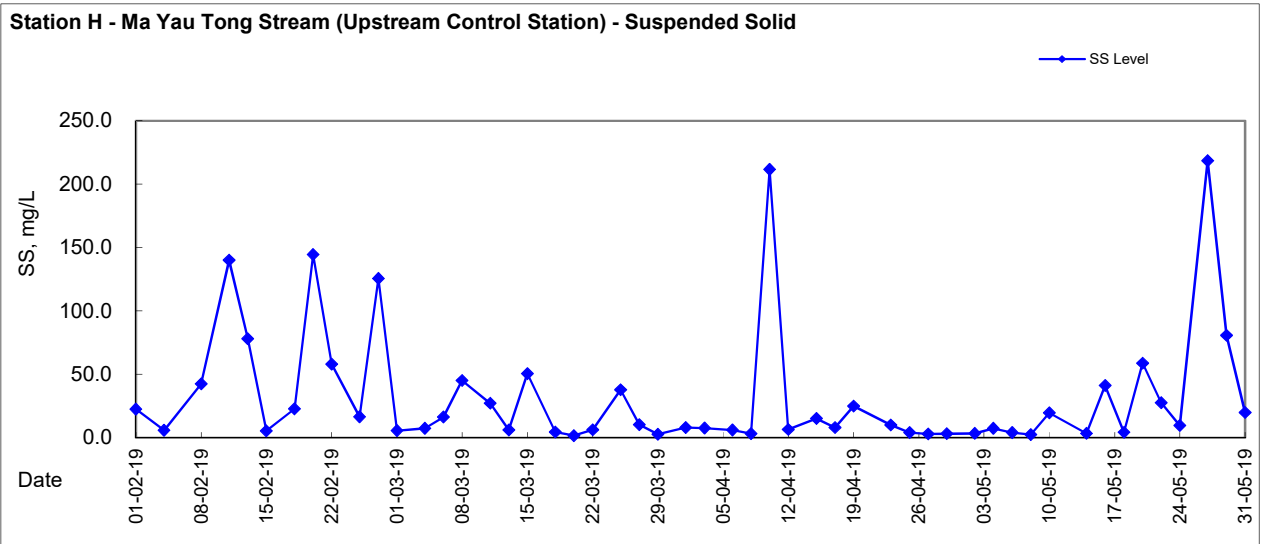
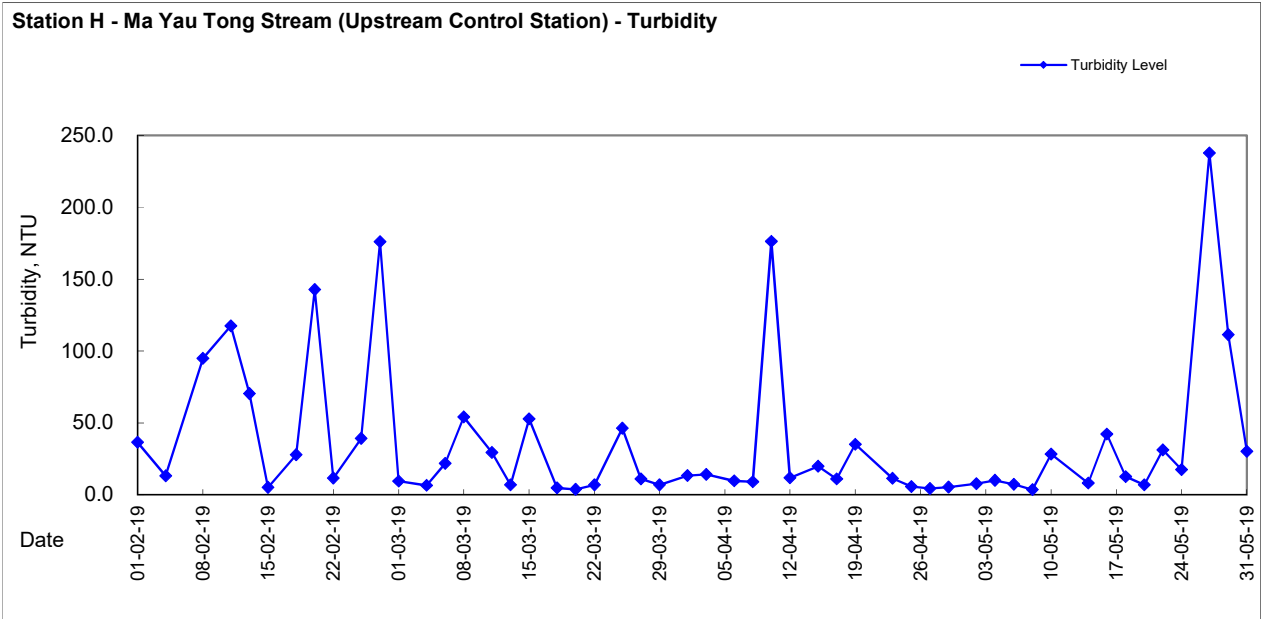


Graphic Presentation of WQM Result



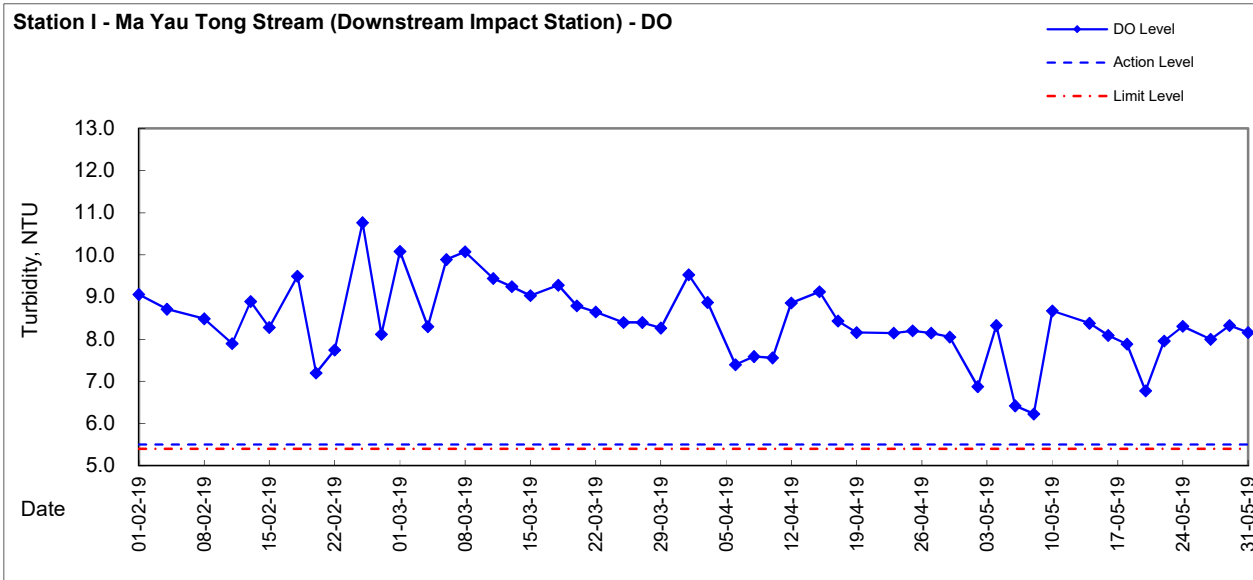
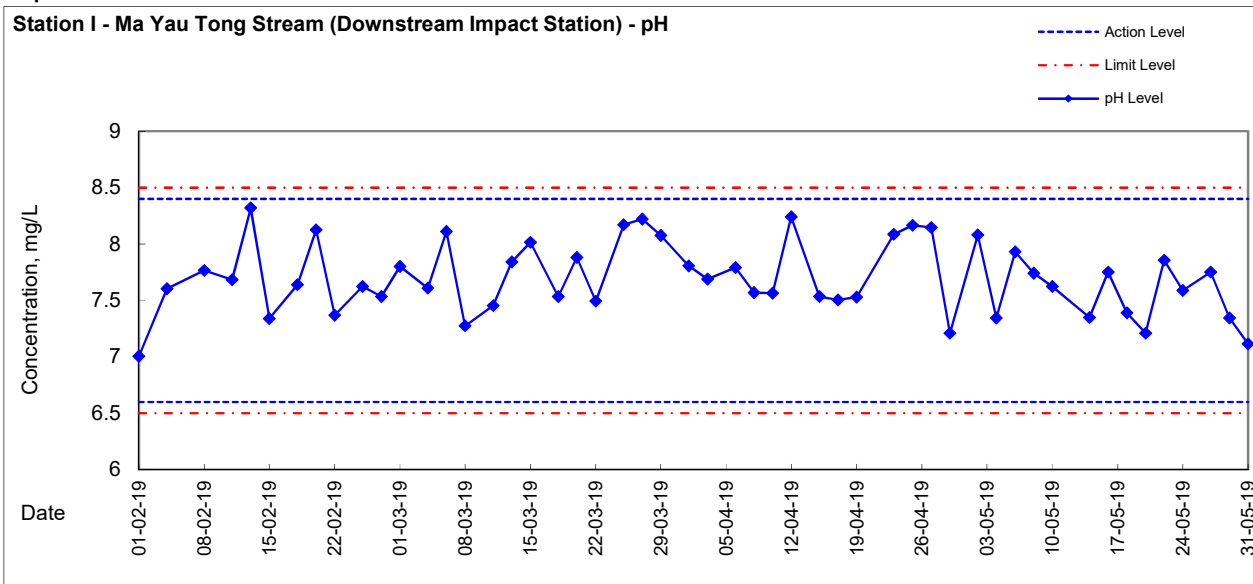


Graphic Presentation of WQM Result





Graphic Presentation of WQM Result





Graphic Presentation of WQM Result

