



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	Average
				01/08/2019	13:54	Rainy	Surface	24.10	24.10	24.15	8.03	8.03	8.0	0.02	0.02	0.02	86.2	83.9	84.63	7.24	7.04	7.1	20.95	21.01
	13:56	24.20	24.20	8.03	8.03			0.02	0.02		83.6	84.8		7.02	7.12		21.03	20.80		15.5				
03/08/2019	09:45	Rainy	Surface	24.50	24.50	24.55	9.03	9.03	9.0	0.22	0.22	0.21	109.3	108.0	107.65	9.07	8.96	8.9	28.46	28.47	28.4	11.8	12.9	
	09:47			24.60	24.60		9.02	9.02		0.19	0.19		107.0	106.3		8.87	8.81		28.20	28.32		13.9		
05/08/2019	08:30	Fine	Surface	25.50	25.50	25.55	8.52	8.57	8.5	0.03	0.03	0.04	102.0	101.2	100.98	8.34	8.27	8.3	17.38	17.37	17.4	3.8	4.3	
	08:32			25.60	25.60		8.54	8.54		0.04	0.04		100.4	100.3		8.20	8.20		17.36	17.34		4.7		
07/08/2019	12:35	Fine	Surface	26.90	26.90	27.20	7.92	7.92	7.9	0.05	0.05	0.05	94.5	94.7	94.30	7.51	7.51	7.5	12.12	12.13	12.1	6.1	5.6	
	12:37			27.50	27.50		7.89	7.89		0.05	0.05		94.1	93.9		7.46	7.44		12.13	12.13		5.0		
09/08/2019	10:00	Fine	Surface	28.40	28.40	28.55	8.19	8.19	8.2	0.29	0.29	0.29	120.8	119.2	117.93	9.33	9.21	9.1	12.46	12.45	12.4	10.6	11.3	
	10:02			28.70	28.70		8.20	8.20		0.29	0.29		116.2	115.5		8.96	8.91		12.41	12.40		12		
12/08/2019	10:05	Fine	Surface	27.90	27.90	27.85	8.46	8.46	8.5	0.78	0.78	0.79	111.2	111.9	111.15	8.67	8.71	8.7	8.90	8.81	8.9	2.8	12.9	
	10:07			27.80	27.80		8.45	8.45		0.79	0.79		111.1	110.4		8.65	8.60		8.89	8.91		23		
14/08/2019	08:30	Fine	Surface	25.80	25.80	25.80	9.13	9.13	9.1	0.92	0.92	0.95	99.3	99.8	99.70	7.96	7.99	8.0	9.35	9.37	9.4	10.0	9.5	
	08:32			25.80	25.80		9.10	9.10		0.97	0.97		99.8	99.9		8.0	8.00		9.41	9.41		8.9		
16/08/2019	09:30	Fine	Surface	26.60	26.60	26.75	8.77	8.77	8.8	1.08	1.08	1.09	99.3	99.4	99.10	7.83	7.84	7.8	17.43	17.41	17.4	19.6	20.1	
	09:32			26.90	26.90		8.76	8.76		1.09	1.09		99.0	98.7		7.79	7.77		17.41	17.43		20.6		
19/08/2019	11:00	Fine	Surface	25.70	25.70	25.90	8.55	8.55	8.5	0.03	0.03	0.03	102.3	103.1	102.45	8.29	8.36	8.3	12.27	12.27	12.3	5	4.9	
	11:02			26.10	26.10		8.53	8.53		0.03	0.03		102.2	102.2		8.26	8.26		12.26	12.24		4.7		
21/08/2019	11:03	Cloudy	Surface	25.80	25.80	25.90	8.35	8.35	8.3	0.03	0.03	0.03	94.0	93.6	93.45	7.64	7.60	7.6	7.70	7.77	7.8	5.9	6.1	
	11:05			26.00	26.00		8.31	8.31		0.03	0.03		93.1	93.1		7.56	7.56		7.83	7.81		6.2		
23/08/2019	15:28	Fine	Surface	26.70	26.70	26.75	8.13	8.13	8.1	0.05	0.05	0.05	89.3	89.5	89.65	7.32	7.34	7.4	6.37	6.37	6.4	<0.1	1.5	
	15:30			26.80	26.80		8.13	8.13		0.05	0.05		89.9	89.9		7.38	7.39		6.37	6.37		1.5		
26/08/2019	10:32	Rainy	Surface	25.10	25.10	25.20	7.86	7.86	7.9	0.09	0.09	0.09	92.4	92.7	92.78	7.48	7.51	7.5	22.87	22.87	22.9	18	18.7	
	10:34			25.30	25.30		7.86	7.86		0.09	0.09		92.9	93.1		7.52	7.54		22.87	22.87		19.4		
28/08/2109	08:45	Fine	Surface	25.30	25.30	25.40	7.98	7.98	8.0	0.03	0.03	0.03	127.4	127.4	127.13	10.45	10.45	10.4	14.25	14.23	14.2	3.8	4.0	
	08:47			25.50	25.50		7.98	7.98		0.03	0.03		127.0	126.7		10.41	10.38		14.20	14.21		4.2		
30/08/2019	12:25	Cloudy	Surface	25.30	25.30	25.40	7.87	7.87	7.8	0.03	0.03	0.03	91.9	92.7	91.99	7.54	7.59	7.5	17.15	17.12	17.1	6.2	6.2	
	12:27			25.50	25.50		7.71	7.71		0.03	0.03		91.9	91.4		7.52	7.49		17.09	17.04		6.1		

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	Value
01/08/2019	13:17	Rainy	Surface	24.40	24.40	24.45	8.44	8.43	8.4	0.18	0.18	0.18	87.6	89.1	88.38	7.31	7.43	7.4	61.44	61.42	<u>61.4</u>	46.5	<u>52.0</u>
	13:19			24.50	24.50		8.43	8.42		0.18	0.18		89.1	87.7		7.43	7.31		61.42	61.49		57.4	
03/08/2019	10:10	Rainy	Surface	24.80	24.80	24.85	8.35	8.35	8.4	0.05	0.05	0.05	106.1	105.5	104.80	8.78	8.73	8.7	35.81	35.80	<u>35.8</u>	23.6	<u>24.2</u>
	10:12			24.90	24.90		8.44	8.44		0.05	0.05		104.2	103.4		8.62	8.56		35.79	35.78		24.7	
05/08/2019	08:40	Fine	Surface	25.60	25.60	25.70	8.41	8.41	8.4	0.04	0.04	0.04	110.3	110.1	107.95	8.99	8.97	8.8	9.90	9.88	9.9	3.3	2.8
	08:42			25.80	25.80		8.42	8.42		0.04	0.04		105.6	105.8		8.59	8.61		9.86	9.85		2.3	
07/08/2019	13:05	Fine	Surface	26.50	26.50	26.65	7.26	7.26	7.3	0.05	0.05	0.04	93.1	91.8	91.30	7.47	7.35	7.3	6.99	6.99	7.0	3.4	2.9
	13:07			26.80	26.80		7.26	7.26		0.05	0.00		90.6	89.7		7.25	7.18		6.95	6.93		2.4	
09/08/2019	10:10	Fine	Surface	27.50	27.50	27.65	8.03	8.03	8.0	0.08	0.08	0.08	95.5	95.6	95.28	7.51	7.52	7.5	19.69	19.68	19.7	39.2	<u>38.7</u>
	10:12			27.80	27.80		8.01	8.01		0.08	0.08		94.9	95.1		7.45	7.46		19.67	19.68		38.1	
12/08/2019	10:30	Fine	Surface	27.30	27.30	27.35	7.78	7.78	7.8	0.10	0.10	0.10	100.4	100.3	100.40	7.94	7.93	7.9	11.69	11.70	11.7	6.5	6.5
	10:32			27.40	27.40		7.75	7.75		0.10	0.10		100.7	100.2		7.97	7.92		11.59	11.62		6.4	
14/08/2019	08:35	Fine	Surface	26.30	26.30	26.35	8.44	8.44	8.4	0.11	0.11	0.11	112.2	111.2	109.83	9.03	8.99	8.8	21.53	21.50	21.5	16.0	15.9
	08:37			26.40	26.40		8.44	8.44		0.11	0.11		108.1	107.8		8.69	8.67		21.49	21.47		15.8	
16/08/2019	09:45	Fine	Surface	27.10	27.10	27.20	8.43	8.43	8.4	0.15	0.15	0.15	92.5	92.6	92.63	7.33	7.33	7.3	6.41	6.40	6.4	2.3	2.2
	09:47			27.30	27.30		8.41	8.41		0.15	0.15		92.3	93.1		7.31	7.37		6.38	6.37		2.1	
19/08/2019	15:20	Fine	Surface	28.00	28.00	28.25	8.36	8.36	8.4	0.07	0.07	0.07	93.6	94.0	93.65	7.19	7.32	7.2	97.40	97.30	<u>97.6</u>	188.0	<u>182.5</u>
	15:22			28.30	28.70		8.37	8.37		0.07	0.07		93.5	93.5		7.27	7.17		97.90	97.60		177.0	
21/08/2019	11:25	Cloudy	Surface	26.10	26.10	26.20	8.27	8.27	8.3	0.05	0.05	0.05	94.1	94.1	94.43	7.66	7.65	7.7	7.45	7.45	7.5	1.6	1.7
	11:27			26.30	26.30		8.27	8.27		0.05	0.05		94.6	94.9		7.72	7.75		7.47	7.47		1.7	
23/08/2019	15:45	Fine	Surface	26.50	26.50	26.60	8.19	8.19	8.2	0.09	0.09	0.09	92.6	92.7	93.00	7.51	7.52	7.6	7.33	7.33	7.3	17.2	<u>18.6</u>
	15:47			26.70	26.70		8.19	8.19		0.09	0.09		92.9	93.8		7.54	7.63		7.33	7.33		19.9	
26/08/2019	10:51	Rainy	Surface	25.60	25.60	25.70	8.03	8.03	8.0	0.12	0.12	0.12	83.7	83.9	84.15	6.39	6.41	6.4	23.54	23.54	23.6	20.0	<u>19.8</u>
	10:53			25.80	25.80		8.03	8.03		0.12	0.12		84.3	84.7		6.44	6.48		23.56	23.56		19.5	
28/08/2109	09:10	Fine	Surface	25.50	25.50	25.55	7.52	7.52	7.5	0.05	0.05	0.05	92.5	93.1	92.83	7.56	7.60	7.6	16.15	16.14	16.1	17.6	<u>18.5</u>
	9:12			25.60	25.60		7.54	7.54		0.05	0.05		92.8	92.9		7.57	7.58		16.06	16.08		19.4	
30/08/2019	12:35	Cloudy	Surface	25.80	25.80	25.90	7.44	7.44	7.5	0.06	0.06	0.06	89.7	92.7	92.98	7.51	7.51	7.5	19.67	19.67	19.5	56.4	<u>55.9</u>
	12:37			26.00	26.00		7.50	7.50		0.06	0.06		92.1	97.4		7.46	7.48		19.67	19.18		55.4	

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



Water Monitoring Result at Monitoring Station H - Ma You 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
01/08/2019	13:30	Rainy	Surface	24.80	24.80	24.85	8.32	8.33	8.3	0.09	0.09	0.09	119.2	118.1	121.38	9.87	9.79	10.1	93.70	93.69	93.7	105.0	108.0	
	13:32			24.90	24.90		8.31	8.31		0.09	0.09		125.0	123.2		10.35	10.28		93.70	93.70		111.0		
03/08/2019	10:30	Rainy	Surface	25.00	25.00	25.10	10.87	10.87	10.9	0.02	0.23	0.18	99.5	99.9	99.25	8.78	8.73	8.7	285.30	285.30	285.3	287.0	316.5	
	10:32			25.20	25.20		10.88	10.88		0.24	0.24		98.7	98.9		8.62	8.56		285.30	285.40		346.0		
05/08/2019	10:20	Fine	Surface	26.40	26.40	26.45	7.89	7.89	7.9	0.17	0.17	0.17	96.0	95.7	95.58	7.71	7.69	7.7	10.50	10.50	10.5	33.9	34.4	
	10:22			26.50	26.50		7.89	7.89		0.17	0.17		95.4	95.2		7.68	7.69		10.50	10.52		34.8		
07/08/2019	13:25	Fine	Surface	27.65	27.60	27.76	7.99	7.99	8.0	0.21	0.21	0.21	106.1	105.3	102.45	8.33	8.20	8.0	22.89	22.88	22.8	13.9	14.5	
	13:27			27.90	27.90		7.99	7.99		0.21	0.21		100.3	98.1		7.87	7.69		22.88	22.45		15.1		
09/08/2019	10:40	Fine	Surface	28.70	28.70	28.85	8.29	8.29	8.3	0.23	0.23	0.23	108.4	107.5	106.98	8.32	8.25	8.2	26.56	26.62	26.6	23.8	24.5	
	10:42			29.00	29.00		8.31	8.31		0.23	0.23		106.1	105.9		8.14	8.12		26.55	26.52		25.2		
12/08/2019	10:55	Fine	Surface	28.20	28.20	28.35	8.63	8.63	8.6	0.34	0.34	0.34	108.8	107.7	107.15	8.44	8.32	8.3	24.56	24.58	24.3	23.4	23.4	
	10:57			28.50	28.50		8.63	8.63		0.34	0.34		106.4	105.7		8.28	8.10		24.53	23.49		23.4		
14/08/2019	09:40	Fine	Surface	27.30	27.30	27.35	8.71	8.71	8.7	0.46	0.46	0.46	110.9	110.8	112.95	8.73	8.72	8.9	29.48	29.47	29.5	24.3	24.9	
	09:42			27.40	27.40		8.73	8.73		0.46	0.46		116.5	113.6		9.17	8.94		29.46	29.46		25.4		
16/08/2019	11:30	Fine	Surface	28.50	28.50	28.60	8.42	8.42	8.4	0.35	0.35	0.36	103.6	104.9	105.08	7.99	8.08	8.1	20.24	20.24	20.2	19.9	20.3	
	11:32			28.70	28.70		8.44	8.44		0.36	0.36		105.5	106.3		8.12	8.18		20.24	20.26		20.7		
19/08/2019	13:15	Fine	Surface	27.50	27.50	27.60	7.93	7.93	7.9	0.42	0.42	0.42	92.5	93.7	93.48	7.34	7.36	7.3	6.33	6.34	6.3	29.9	28.3	
	13:17			27.70	27.70		7.89	7.89		0.42	0.42		93.9	93.8		7.30	7.29		6.34	6.34		26.6		
21/08/2019	11:56	Cloudy	Surface	25.40	25.40	25.40	8.47	8.47	8.5	0.23	0.23	0.23	98.3	98.4	97.98	8.18	8.19	8.1	19.92	19.92	19.9	2.8	3.1	
	11:58			25.40	25.40		8.47	8.47		0.23	0.23		97.5	97.7		8.09	8.11		19.92	19.92		3.4		
23/08/2019	16:10	Fine	Surface	25.60	25.60	25.60	7.86	7.86	7.9	0.28	0.28	0.28	85.7	85.8	85.95	6.95	6.96	7.0	6.49	6.49	6.5	42.6	42.6	
	16:12			25.60	25.60		7.86	7.86		0.28	0.28		86.1	86.2		6.98	6.99		6.49	6.49		42.5		
26/08/2019	11:19	Rainy	Surface	25.40	25.40	25.45	8.24	8.24	8.2	0.09	0.09	0.09	86.9	87.3	87.55	6.88	6.92	6.9	25.69	25.69	25.7	20.7	20.6	
	11:21			25.50	25.50		8.24	8.24		0.09	0.09		87.7	88.3		6.96	7.02		25.69	25.69		20.4		
28/08/2019	10:00	Fine	Surface	27.10	27.10	27.15	7.22	7.22	7.2	0.12	0.12	0.12	94.9	94.2	94.28	7.56	7.49	7.5	15.58	15.59	15.6	11.9	11.7	
	10:02			27.20	27.20		7.21	7.21		0.12	0.12		94	94		7.47	7.47		15.59	15.48		11.4		
30/08/2019	10:30	Cloudy	Surface	26.20	26.20	26.25	8.00	8.00	8.0	0.14	0.14	0.14	92.7	97.8	93.98	7.45	7.47	7.5	640.50	640.50	640.5	357.0	347.0	
	10:32			26.30	26.30		7.95	7.95		0.14	0.14		92.5	92.9		7.46	7.56		640.50	640.50		337.0		

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	Average
01/08/2019	13:50	Rainy	Surface	25.20	25.20	25.20	8.21	8.21	8.2	0.07	0.07	0.07	94.3	94.1	94.08	7.76	7.74	7.7	61.50	61.51	61.5	56.4	56.9	
	13:52			25.20	25.20		8.14	8.14		0.07	0.07		94.0	93.9		7.73	7.72		61.52	61.53		57.4		
03/08/2019	11:00	Rainy	Surface	25.60	25.60	25.60	9.59	9.59	<u>9.6</u>	0.12	0.12	0.12	97.6	96.6	96.83	7.97	7.89	7.9	62.73	62.28	62.4	147.0	150.0	
	11:02			25.60	25.60		9.59	9.59		0.12	0.12		96.9	96.2		7.88	7.87		62.29	62.26		153.0		
05/08/2019	10:10	Fine	Surface	26.00	26.00	26.05	8.35	8.35	8.4	0.17	0.17	0.17	93.1	93.8	93.73	7.56	7.60	7.6	33.89	33.89	33.9	6.9	6.8	
	10:12			26.10	26.10		8.39	8.39		0.17	0.17		94.0	94.0		7.60	7.60		33.89	33.89		6.6		
07/08/2019	13:41	Fine	Surface	27.40	27.40	27.45	8.09	8.09	8.1	0.24	0.24	0.24	98.7	98.9	99.10	7.77	7.79	7.8	28.33	28.33	28.4	14.8	15.9	
	13:43			27.50	27.50		8.09	8.09		0.24	0.24		99.3	99.5		7.83	7.85		28.41	28.41		16.9		
09/08/2019	11:00	Fine	Surface	29.20	29.20	29.30	8.05	8.05	8.0	0.23	0.23	0.23	97.5	97.6	97.08	7.45	7.45	7.4	7.61	7.61	7.6	4.4	4.0	
	11:02			29.40	29.40		8.01	8.01		0.23	0.23		96.8	96.4		7.38	7.35		7.62	7.64		3.6		
12/08/2019	11:26	Fine	Surface	28.40	28.40	28.55	8.33	8.33	8.3	0.22	0.22	0.22	93.7	94.2	93.90	7.24	7.28	7.3	13.30	13.36	13.3	3.7	3.7	
	11:27			28.70	28.70		8.31	8.31		0.22	0.22		94.0	93.7		7.25	7.23		13.34	13.37		3.7		
14/08/2019	10:15	Fine	Surface	27.50	27.50	27.65	8.39	8.39	8.4	0.24	0.24	0.24	94.2	94.0	92.95	7.39	7.36	7.3	10.92	10.41	10.6	4.3	4.6	
	10:17			27.80	27.80		8.39	8.39		0.24	0.24		92.4	91.2		7.25	7.15		10.49	10.46		4.8		
16/08/2019	12:05	Fine	Surface	28.90	28.90	28.95	8.44	8.49	8.4	0.19	0.19	0.19	100.4	100.1	99.70	7.68	7.66	7.6	200.60	200.40	200.5	210.0	<u>205.0</u>	
	12:07			29.00	29.00		8.43	8.43		0.19	0.19		99.3	99.0		7.60	7.57		200.50	200.50		200.0		
19/08/2019	16:50	Fine	Surface	28.10	28.10	28.15	7.68	7.68	7.7	0.60	0.60	0.60	109.0	108.1	107.65	8.44	8.37	8.3	25.51	25.52	25.5	19.2	18.6	
	16:52			28.20	28.20		7.72	7.72		0.60	0.60		107.3	106.2		8.31	8.26		25.56	25.58		18.0		
21/08/2019	12:21	Cloudy	Surface	26.20	26.20	26.30	8.26	8.26	8.3	0.17	0.17	0.17	94.6	94.7	95.15	7.72	7.73	7.8	23.51	23.51	23.5	3.4	3.1	
	12:23			26.40	26.40		8.26	8.26		0.17	0.17		95.4	95.9		7.81	7.87		23.51	23.51		2.8		
23/08/2019	16:16	Fine	Surface	26.10	26.10	26.20	7.96	7.96	8.0	0.19	0.19	0.19	97.8	97.9	98.25	8.12	8.13	8.2	8.46	8.46	8.5	4.1	4.0	
	16:18			26.30	26.30		7.96	7.96		0.19	0.19		98.4	98.9		8.17	8.19		8.76	8.46		3.9		
26/08/2019	11:33	Rainy	Surface	25.70	25.70	25.75	8.37	8.37	8.4	0.07	0.07	0.07	83.3	83.7	83.90	6.84	6.92	6.9	27.44	27.44	27.4	19.5	19.6	
	11:35			25.80	25.80		8.37	8.37		0.07	0.07		84.1	84.5		6.96	7.00		27.44	27.44		19.6		
28/08/2109	10:24	Fine	Surface	27.50	27.50	27.55	7.26	7.26	7.3	0.12	0.12	0.12	97.5	97.7	96.43	7.68	7.77	7.6	12.27	12.29	12.3	11.3	11.3	
	10:26			27.60	27.60		7.34	7.34		0.12	0.12		95.2	95.3		7.46	7.5		12.28	12.26		11.2		
30/08/2019	10:50	Cloudy	Surface	27.30	27.30	27.35	7.85	7.85	7.9	0.32	0.32	0.32	98.1	97.3	96.60	7.89	7.74	7.8	184.10	185.10	185.8	103.0	107.0	
	10:52			27.40	27.40		7.85	7.85		0.32	0.32		96.2	94.8		7.77	7.60		186.60	187.50		111.0		

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		
01/08/2019	13:51	Rainy	Surface	24.20	24.20	24.20	6.81	6.81	6.8	0.03	0.03	0.03	79.7	79.8	80.28	6.64	6.69	6.7	13.89	13.92	13.8	6.70	6.2
	13:53			24.20	24.20		6.83	6.83		0.03	0.03		79.7	81.9		6.68	6.86		13.74	13.69		5.6	
03/08/2019	09:55	Rainy	Surface	24.00	24.00	24.05	8.41	8.41	8.4	0.03	0.03	0.04	90.8	90.8	90.73	7.63	7.63	7.6	12.84	12.86	12.9	9.50	8.6
	09:57			24.10	24.10		8.42	8.42		0.04	0.04		90.7	90.6		7.62	7.61		12.86	12.86		7.7	
05/08/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-		-	-		-	-		-	-		-	-		-				
07/08/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-		-	-		-	-		-										
09/08/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-		-	-		-	-		-										
12/08/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-		-	-		-	-		-										
14/08/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-		-	-		-	-		-										
16/08/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-		-	-		-	-		-										
19/08/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-		-	-		-	-		-										
21/08/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-		-	-		-	-		-										
23/08/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-		-	-		-	-		-										
26/08/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-		-	-		-	-		-										
28/08/2109	09:00	Fine	Surface	24.80	24.80	24.65	7.56	7.56	7.6	0.02	0.02	0.02	122.1	121.6	120.93	10.20	10.17	10.1	21.40	21.36	20.9	140.00	142.0
	09:02			24.50	24.50		7.56	7.56		0.02	0.02		120.2	119.8		10.01	9.98		20.57	20.36		144	
30/08/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-		-	-		-	-		-										

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	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
01/08/2019	13:38	Rainy	Surface	24.30	24.30	24.30	8.38	8.38	8.4	0.06	0.06	0.06	85.6	85.2	84.45	7.16	7.12	7.1	47.64	47.64	47.6	34	39.7
	13:40			24.30	24.30		8.40	8.40		0.06	0.06		84.3	82.7		7.05	6.91		47.64	47.64		45.4	
03/08/2019	10:20	Rainy	Surface	24.40	24.40	24.45	8.25	8.25	8.2	0.05	0.05	0.05	96.3	96.5	96.43	8.03	8.05	8.0	21.07	21.07	21.1	11	10.8
	10:22			24.50	24.50		8.22	8.22		0.05	0.05		96.6	96.3		8.04	8.02		21.07	21.07		10.6	
05/08/2019	08:45	Fine	Surface	26.50	26.50	26.55	8.12	8.12	8.1	0.04	0.04	0.04	101.9	101.9	101.15	8.18	8.18	8.1	8.21	8.27	8.3	3.1	3.0
	08:47			26.60	26.60		8.09	8.09		0.04	0.04		100.2	100.6		8.08	8.07		8.26	8.26		2.9	
07/08/2019	12:45	Fine	Surface	26.40	26.40	26.55	7.59	7.59	7.6	0.05	0.05	0.05	92.2	92.5	91.95	7.41	7.43	7.4	5.84	5.90	5.9	4.2	17.0
	12:47			26.70	26.70		7.59	7.59		0.05	0.05		92.5	90.6		7.34	7.27		5.95	5.98		29.8	
09/08/2019	10:20	Fine	Surface	27.00	27.00	27.10	7.82	7.82	7.9	0.06	0.06	0.06	93.0	93.6	93.30	7.39	7.44	7.4	9.34	9.26	9.3	31.8	34.5
	10:22			27.20	27.20		7.89	7.89		0.06	0.06		93.1	93.5		7.35	7.42		9.27	9.27		37.1	
12/08/2019	10:40	Fine	Surface	26.80	26.80	26.85	7.72	7.72	7.7	0.08	0.08	0.08	97.0	96.9	97.05	7.73	7.72	7.7	21.50	21.49	21.5	28.2	30.1
	10:42			26.90	26.90		7.69	7.69		0.08	0.08		97.2	97.1		7.75	7.74		21.49	21.48		31.9	
14/08/2019	08:50	Fine	Surface	25.70	25.70	25.80	8.10	8.10	8.1	0.20	0.20	0.20	96.5	96.6	96.33	7.84	7.85	7.8	14.52	14.56	14.5	16.0	17.2
	08:52			25.90	25.90		8.09	8.09		0.20	0.20		96.1	96.1		7.81	7.81		14.53	14.57		18.3	
16/08/2019	09:50	Fine	Surface	26.60	26.60	26.65	8.75	8.75	8.7	0.06	0.06	0.06	90.3	90.0	89.70	7.24	7.22	7.2	9.60	9.66	9.6	26.6	26.3
	09:52			26.70	26.70		8.70	8.70		0.06	0.06		89.0	89.5		7.12	7.15		9.62	9.64		25.9	
19/08/2019	11:15	Fine	Surface	26.30	26.30	26.35	8.42	8.42	8.4	0.07	0.07	0.07	89.0	89.7	89.03	7.18	7.23	7.2	5.55	5.50	5.5	8.9	9.0
	11:22			26.40	26.40		8.40	8.40		0.07	0.07		88.7	88.7		7.15	7.15		5.49	5.54		9	
21/08/2019	11:14	Cloudy	Surface	25.70	25.70	25.80	8.11	8.11	8.1	0.06	0.06	0.06	92.1	93.5	92.68	7.50	7.61	7.5	5.20	5.20	5.2	2.3	2.6
	11:16			25.90	25.90		8.11	8.11		0.06	0.06		92.7	92.4		7.55	7.52		5.20	5.20		2.9	
23/08/2019	15:35	Fine	Surface	26.40	26.40	26.45	8.34	8.34	8.3	0.09	0.09	0.09	92.8	93.4	93.50	7.42	7.49	7.5	7.56	7.56	7.6	20.8	22.2
	15:37			26.50	26.50		8.34	8.34		0.09	0.09		93.7	94.1		7.53	7.58		7.56	7.56		23.5	
26/08/2019	10:41	Rainy	Surface	25.30	25.30	25.35	7.93	7.93	7.9	0.15	0.15	0.15	88.5	88.9	89.10	6.94	6.97	7.0	22.41	22.41	22.4	19.4	19.3
	10:43			25.40	25.40		7.93	7.93		0.15	0.15		89.4	89.6		7.02	7.04		22.41	22.41		19.1	
28/08/2109	09:20	Fine	Surface	25.30	25.30	25.35	7.32	7.32	7.3	0.04	0.04	0.04	92.8	92.9	93.08	7.66	7.67	7.7	15.59	15.59	15.6	2.7	2.8
	09:22			25.40	25.40		7.32	7.32		0.04	0.04		93.6	93.0		7.67	7.67		15.59	15.59		2.8	
30/08/2019	09:15	Cloudy	Surface	25.40	25.40	25.35	7.45	7.45	7.5	0.06	0.06	0.06	93.0	93.3	90.18	7.64	7.66	7.6	13.18	13.18	13.2	8.6	8.7
	09:17			25.30	25.30		7.45	7.45		0.06	0.06		92.0	82.4		7.55	7.60		13.19	13.16		8.7	

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)

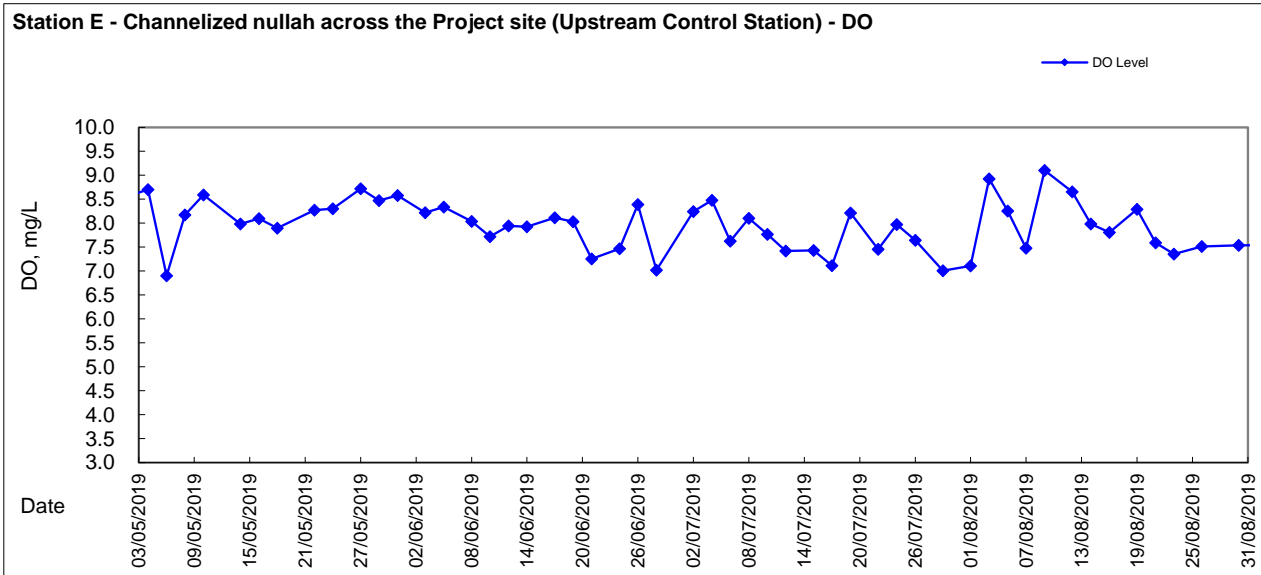
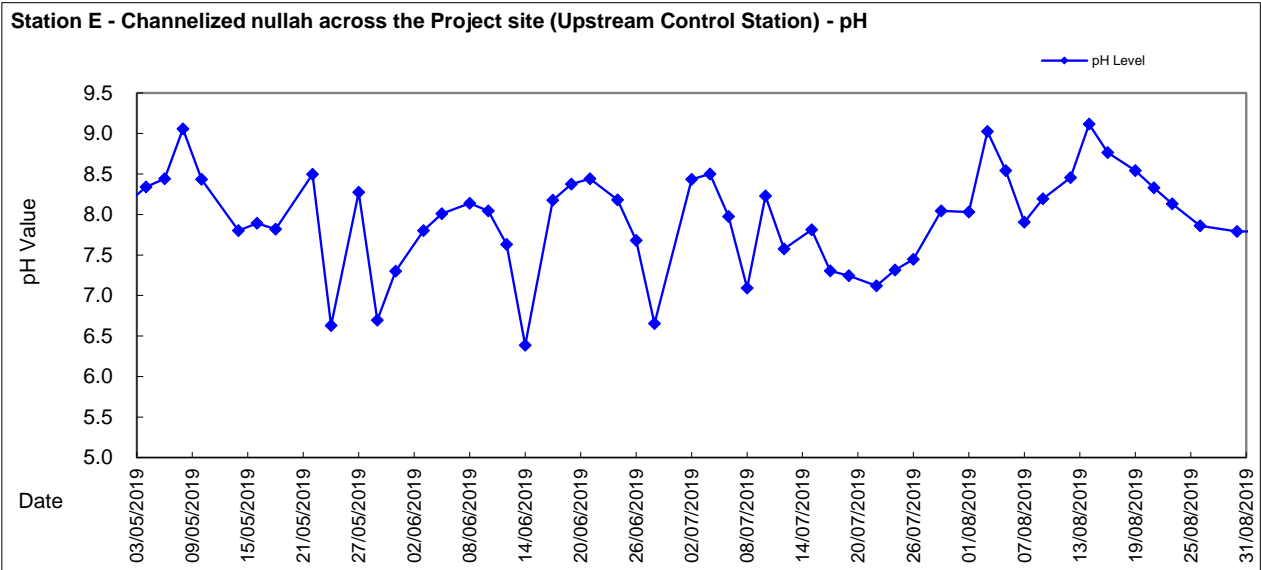
Date	Time	Weather Condition	Sampling Depth m	Water Temperature °C			pH			Salinity ppt			DO Saturation %			DO mg/L			Turbidity NTU			Suspended Solids mg/L	
				Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value
01/08/2019	13:27	Rainy	Surface	24.20	24.20	24.25	8.26	8.26	8.2	0.05	0.05	0.05	85.9	86.4	86.93	7.20	7.24	7.3	31.72	31.98	32.4	35	33.0
	13:27			24.30	24.30		8.19	8.19		0.05	0.05		87.7	87.7		7.35	7.35		32.82	32.89		30.9	
03/08/2019	10:15	Rainy	Surface	24.60	24.60	24.65	8.30	8.30	8.4	0.03	0.03	0.04	99.1	99.0	99.08	8.25	8.24	8.2	25.55	25.54	25.5	22.2	22.1
	10:17			24.70	24.70		8.40	8.40		0.04	0.04		99.2	99.0		8.26	8.23		25.54	25.51		22	
05/08/2019	08:55	Fine	Surface	26.50	26.50	26.50	8.00	8.00	8.0	0.05	0.05	0.05	99.3	99.6	99.18	7.98	8.01	8.0	7.67	7.67	7.7	4.2	4.4
	08:57			26.50	26.50		8.00	8.00		0.05	0.05		98.9	98.9		7.92	7.93		7.67	7.69		4.5	
07/08/2019	12:55	Fine	Surface	27.10	27.10	42.30	7.68	7.68	7.7	0.05	0.05	0.05	92.9	94.0	91.93	7.37	7.44	7.3	7.23	7.20	7.2	5.8	5.7
	12:57			57.50	57.50		7.67	7.67		0.05	0.05		92.2	88.6		7.30	7.01		7.12	7.08		5.6	
09/08/2019	10:15	Fine	Surface	26.10	26.10	26.20	7.85	7.85	7.8	0.05	0.05	0.05	91.9	92.9	92.63	7.42	7.49	7.5	20.86	20.73	20.7	10.7	10.0
	10:17			26.30	26.30		7.82	7.82		0.05	0.05		92.9	92.8		7.49	7.48		20.60	20.58		9.3	
12/08/2019	10:35	Fine	Surface	27.30	27.30	27.40	7.86	7.86	7.9	0.15	0.15	0.15	103.9	104.4	103.75	8.16	8.20	8.1	8.30	8.31	8.3	5.9	5.8
	10:37			27.50	27.50		7.86	7.86		0.15	0.15		103.8	102.9		8.15	8.08		8.35	8.26		5.6	
14/08/2019	08:45	Fine	Surface	26.50	26.50	26.55	8.16	8.16	8.2	0.06	0.06	0.06	102.0	101.6	101.43	8.20	8.17	8.2	6.90	6.82	6.9	3.6	3.5
	08:47			26.60	26.60		8.18	8.18		0.06	0.06		101.2	100.9		8.13	8.11		6.85	6.86		3.4	
16/08/2019	09:58	Fine	Surface	26.80	26.80	26.70	8.52	8.52	8.4	0.08	0.08	0.07	88.3	88.9	94.83	7.05	7.10	7.6	10.14	10.21	8.5	2.9	3.2
	10:00			27.00	27.00		8.54	8.54		0.08	0.08		89.4	89.9		7.14	7.18		10.27	10.23		2.1	
19/08/2019	11:15	16:48	Surface	26.50	26.50	26.73	8.64	8.64	8.6	0.06	0.06	0.07	91.8	93.2	90.66	7.38	7.49	7.3	12.39	12.38	11.3	8.5	5.5
	11:17			26.60	26.60		8.53	8.53		0.06	0.06		92.6	91.2		7.44	7.33		12.38	12.40		8.3	
21/08/2019	11:36	Cloudy	Surface	25.80	25.80	25.85	8.23	8.23	8.2	0.05	0.05	0.05	86.7	86.9	87.20	6.73	6.75	6.8	5.73	5.73	5.7	3.4	3.3
	11:38			25.90	25.90		8.24	8.24		0.05	0.05		87.5	87.7		6.81	6.83		5.73	5.73		3.1	
23/08/2019	15:52	Fine	Surface	26.70	26.70	26.75	8.32	8.32	8.3	0.11	0.11	0.11	96.7	96.8	92.08	7.06	7.07	7.1	6.81	6.81	6.8	28.5	27.6
	15:54			26.80	26.80		8.32	8.32		0.11	0.11		87.3	87.5		7.14	7.16		6.83	6.83		26.6	
26/08/2019	10:59	Rainy	Surface	25.40	25.40	25.45	7.69	7.69	7.7	0.17	0.17	0.17	95.1	95.4	95.45	7.77	7.80	7.8	23.14	23.14	23.1	16.3	17.0
	10:01			25.50	25.50		7.69	7.69		0.17	0.17		95.6	95.7		7.82	7.83		23.14	23.14		17.7	
28/08/2109	09:15	Fine	Surface	26.30	26.30	27.35	7.29	7.29	7.3	0.05	0.05	0.06	96.0	95.7	95.98	7.75	7.73	7.7	13.99	13.96	13.9	7.1	7.2
	09:17			28.40	28.40		7.35	7.35		0.06	0.06		96.0	96.2		7.73	7.74		13.90	13.92		7.3	
30/08/2019	09:15	Cloudy	Surface	26.10	26.10	26.15	7.55	7.53	7.5	0.06	0.06	0.06	92.4	92.3	92.38	7.47	7.45	7.5	21.45	21.43	21.3	6.6	6.3
	00:00			26.20	26.20		7.49	7.49		0.06	0.06		92.3	92.5		7.46	7.48		21.25	21.25		6	

Remarks:

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

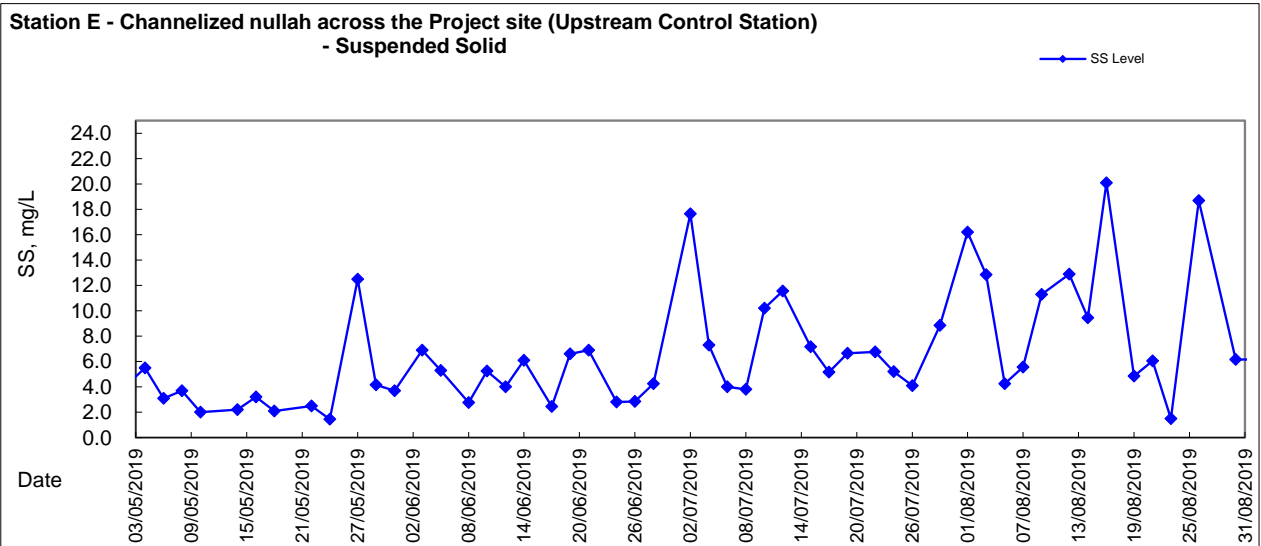
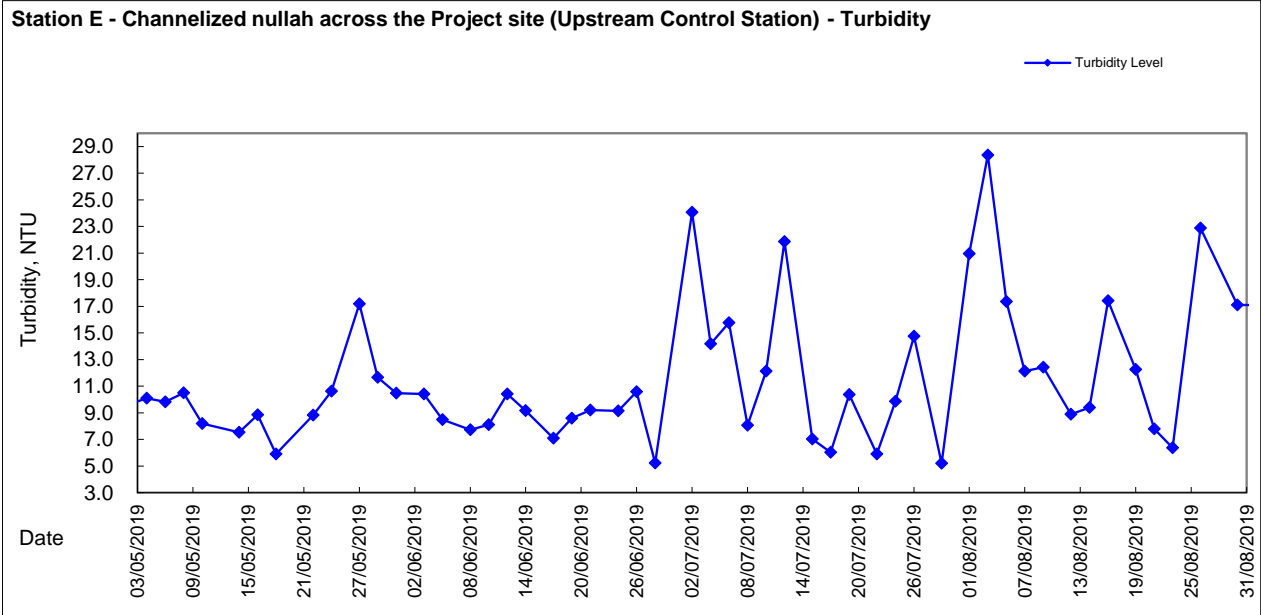


Graphic Presentation of WQM Result



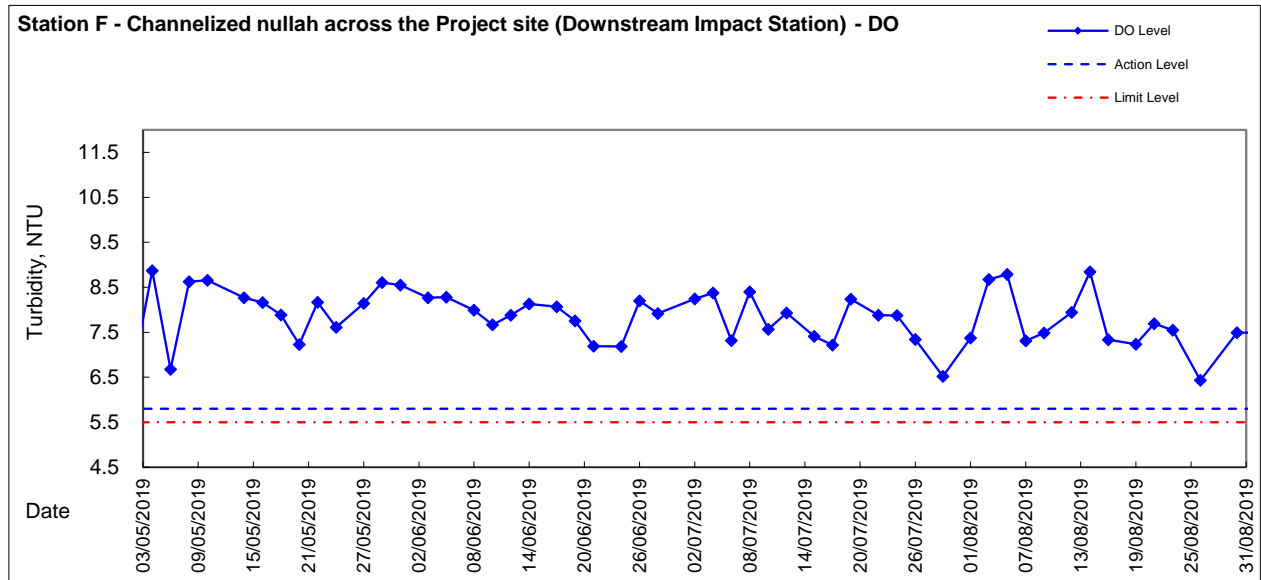
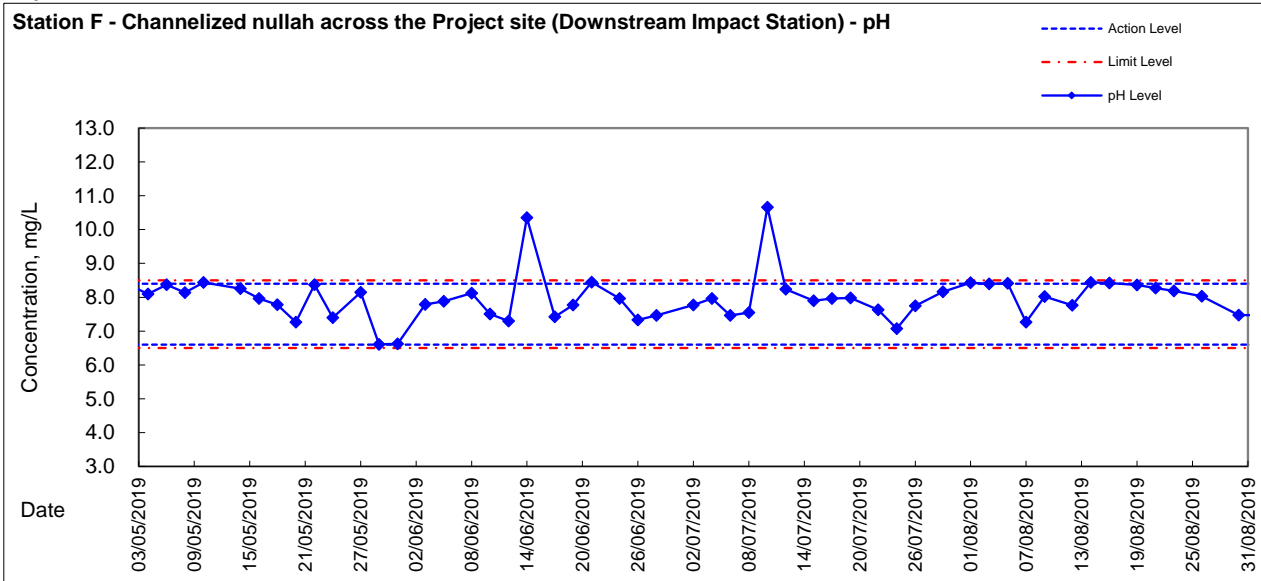


Graphic Presentation of WQM Result



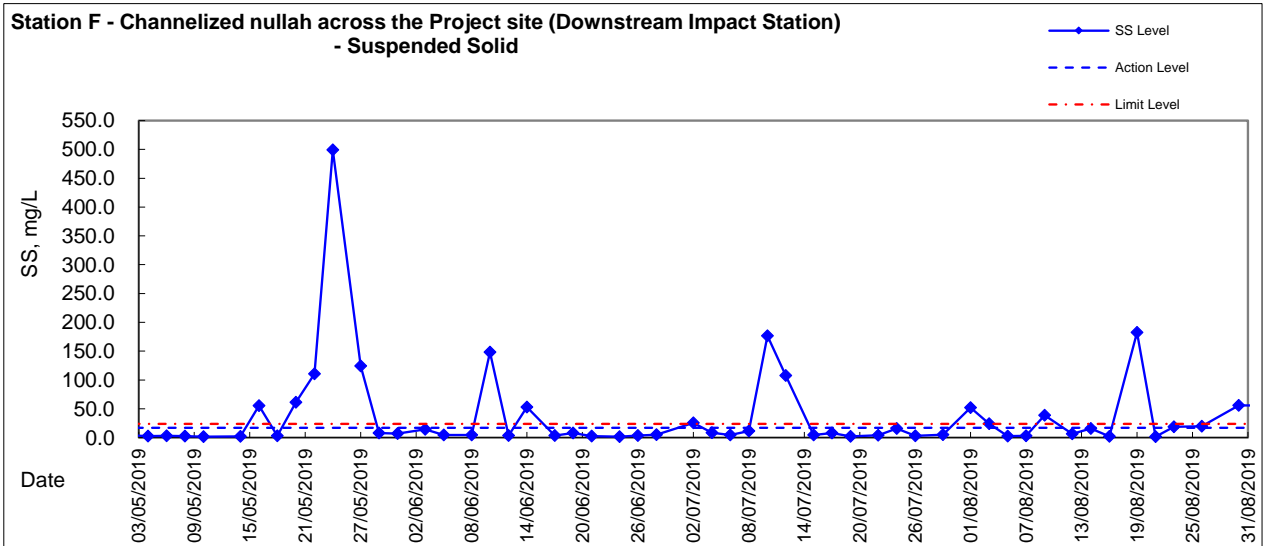
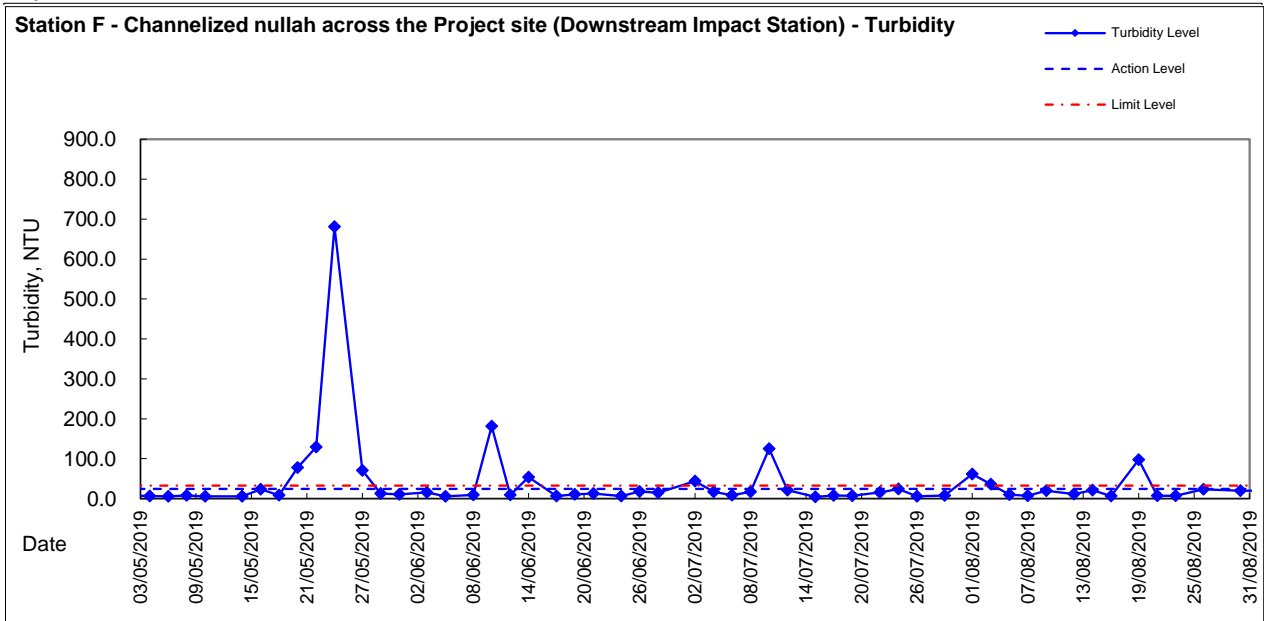


Graphic Presentation of WQM Result





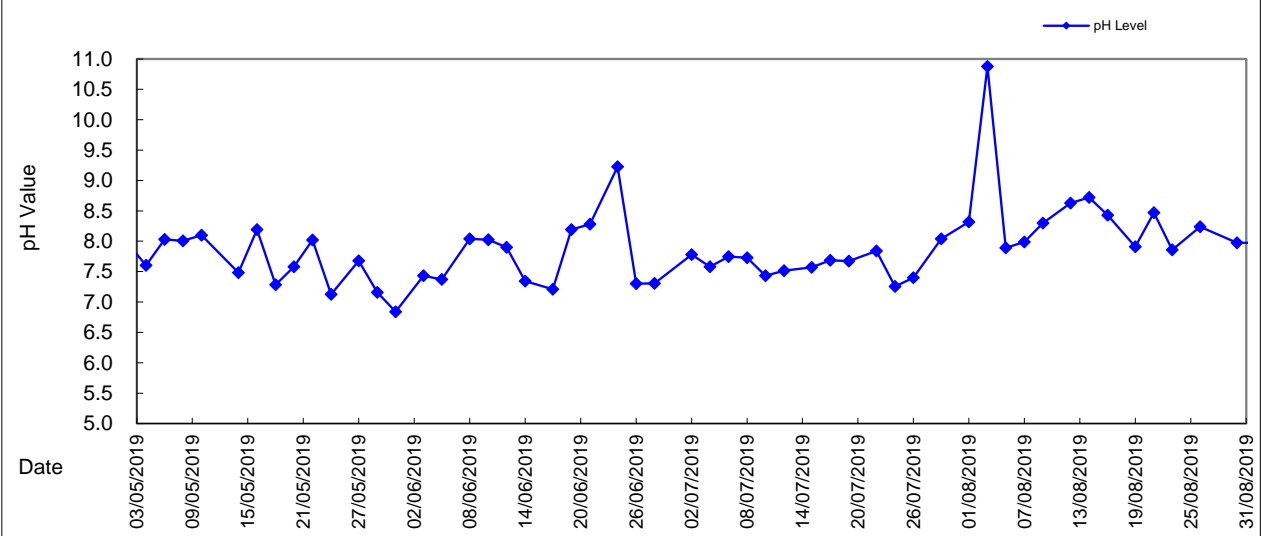
Graphic Presentation of WQM Result



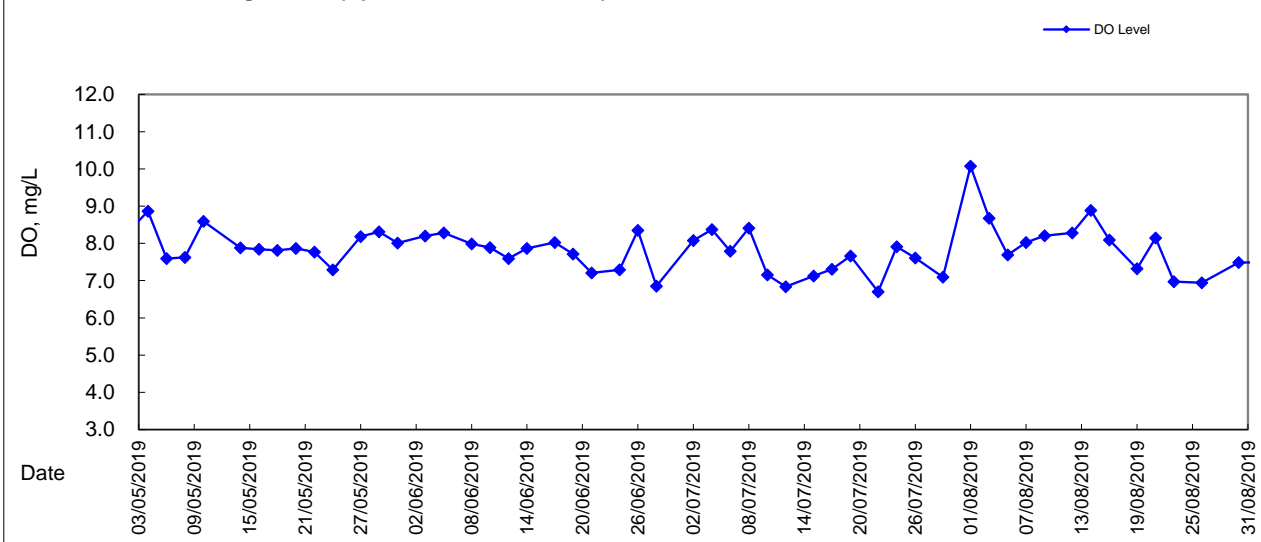


Graphic Presentation of WQM Result

Station H - Ma Yau Tong Stream (Upstream Control Station) - pH

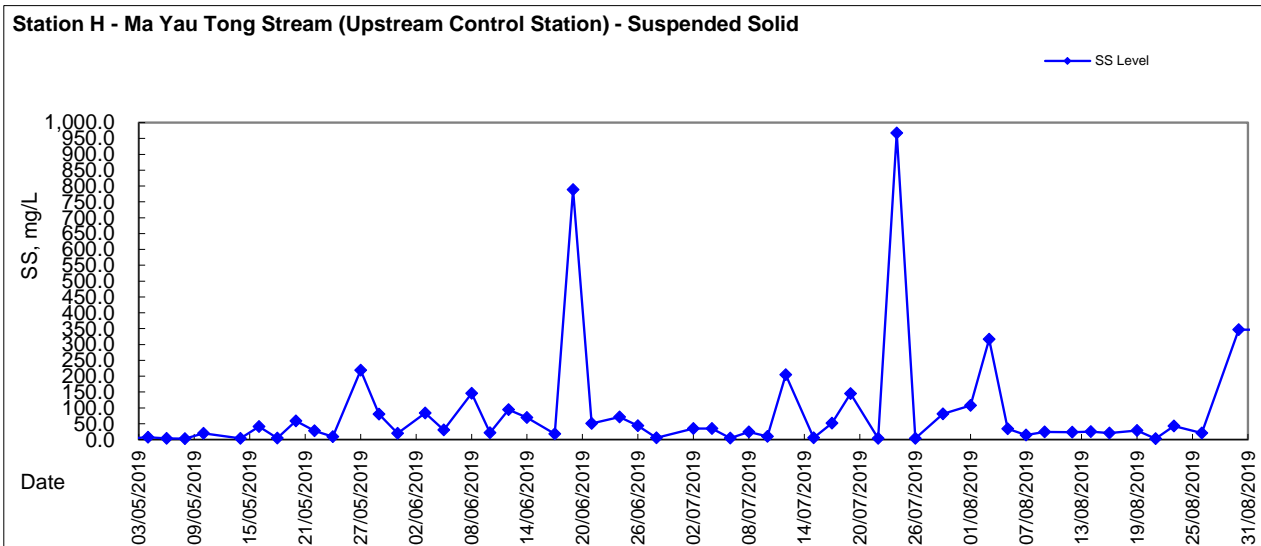
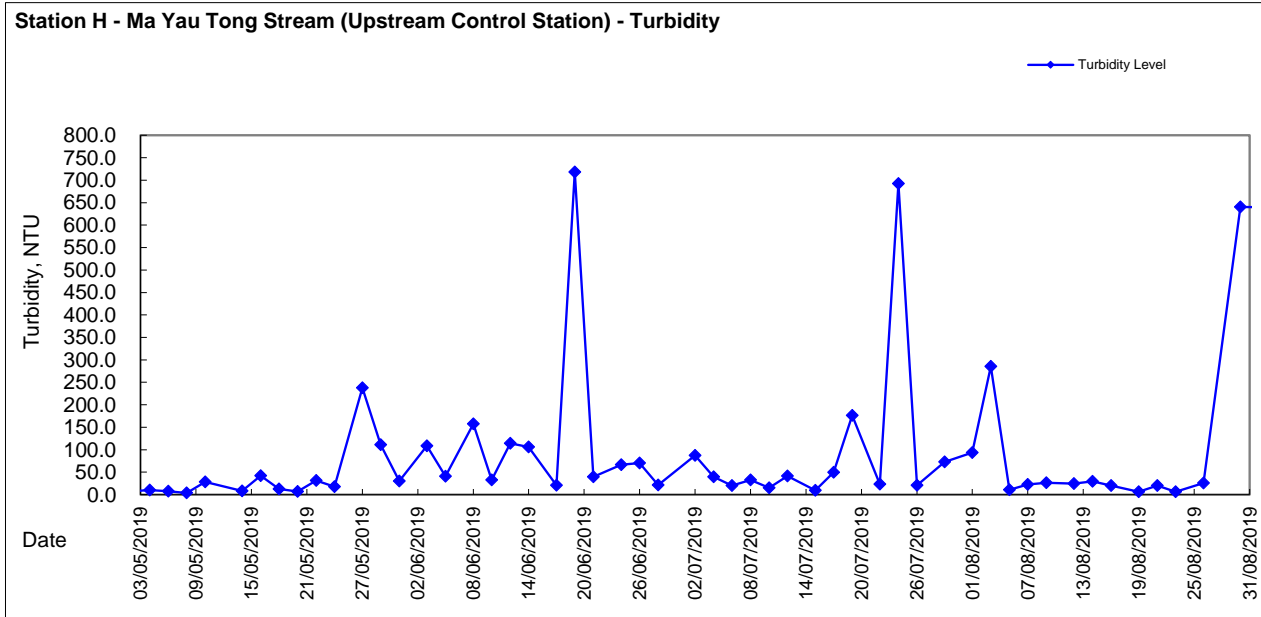


Station H - Ma Yau Tong Stream (Upstream Control Station) - DO



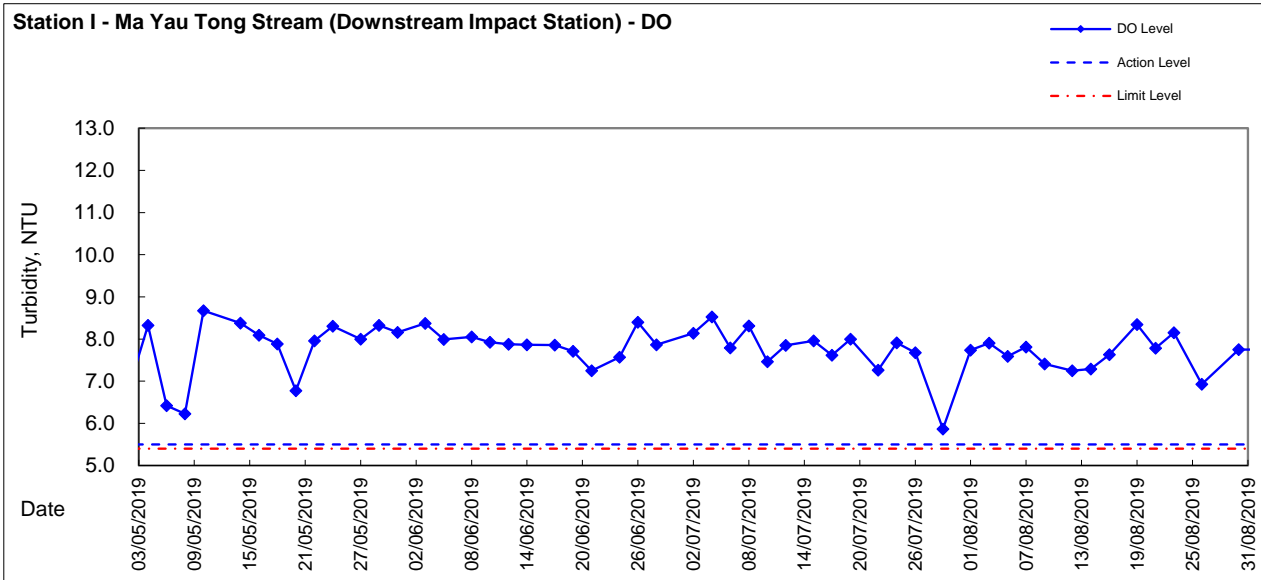
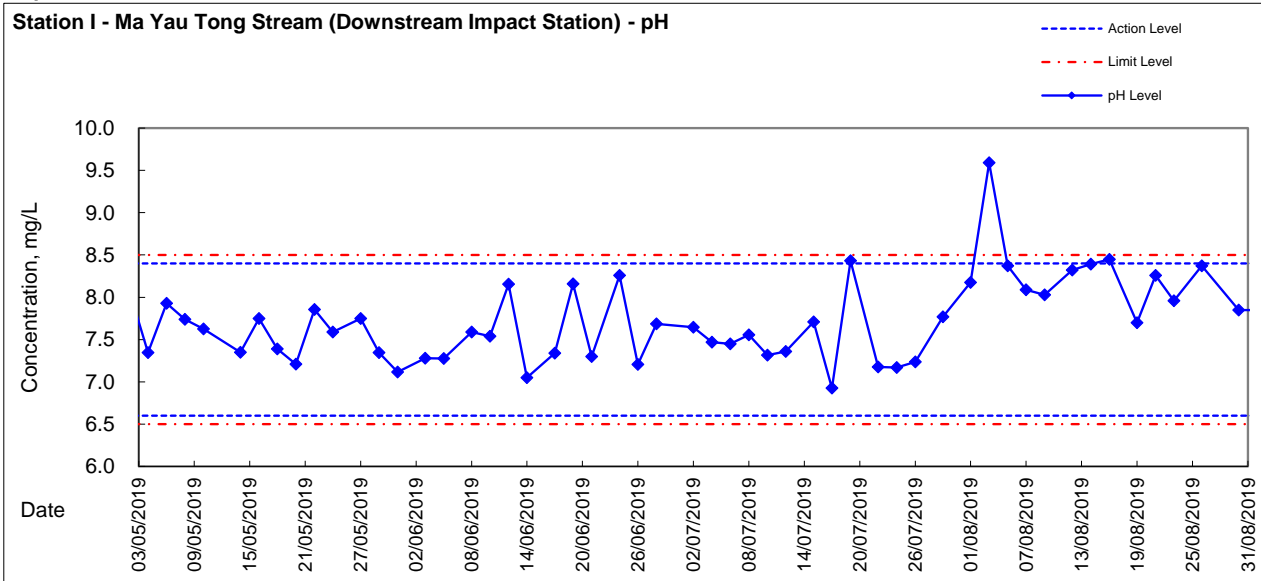


Graphic Presentation of WQM Result



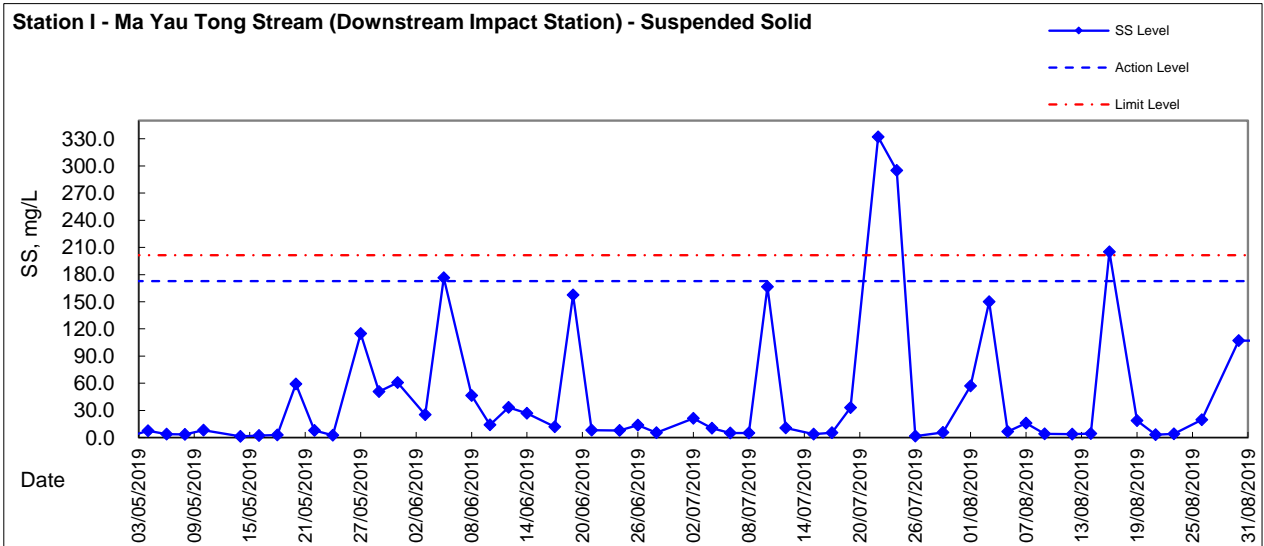
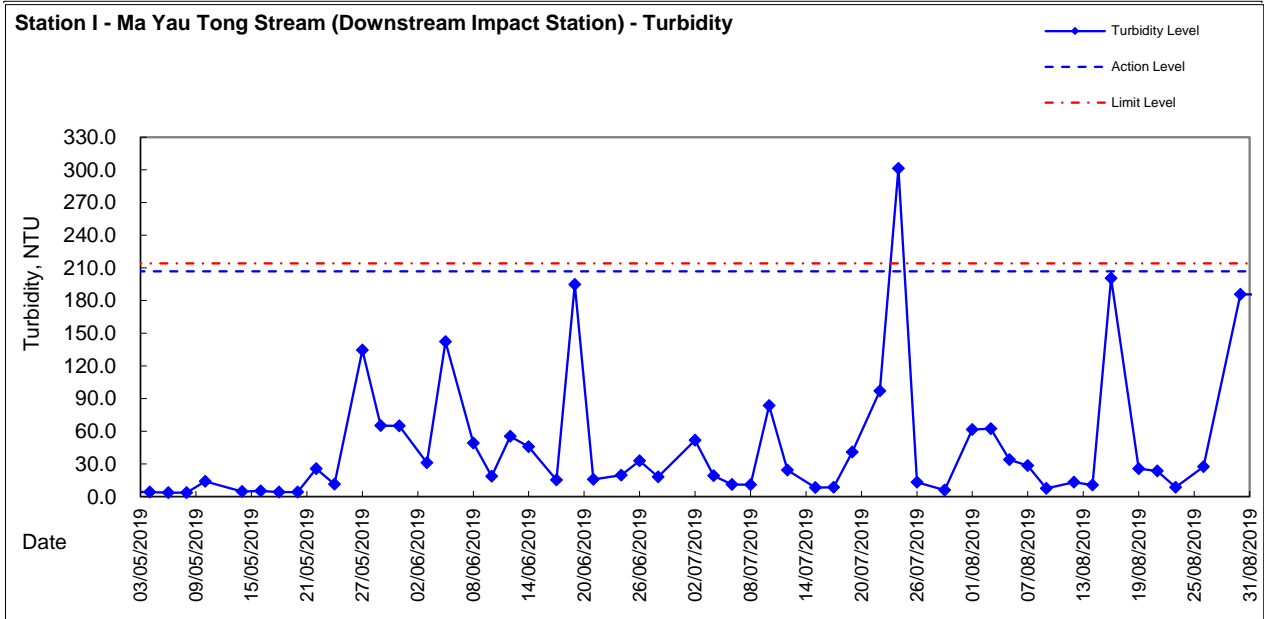


Graphic Presentation of WQM Result



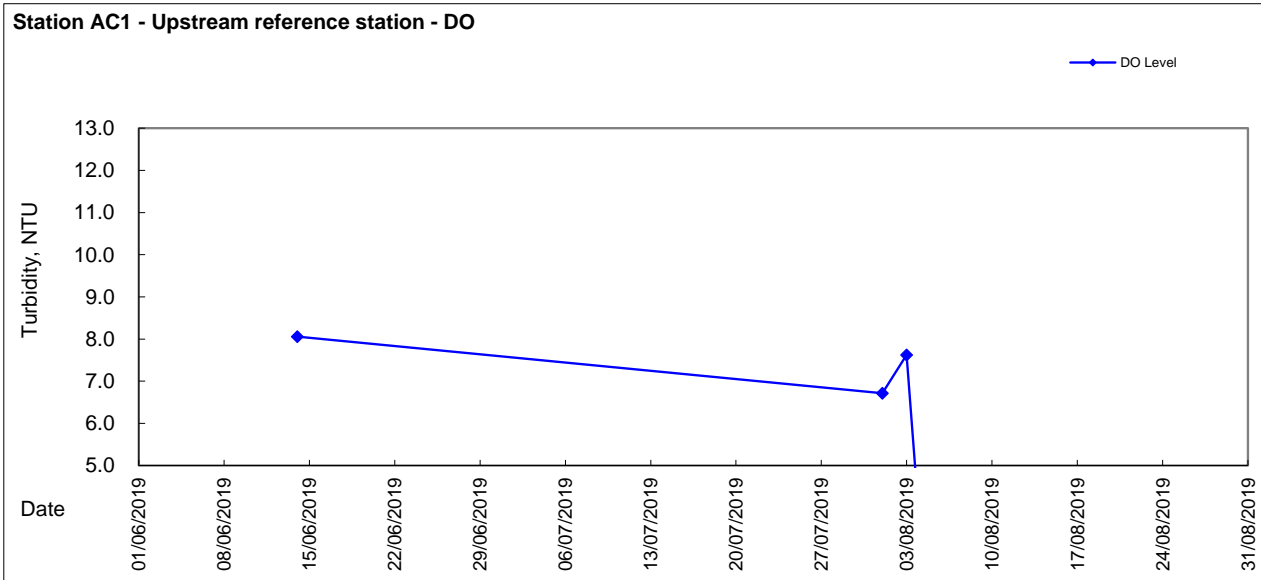
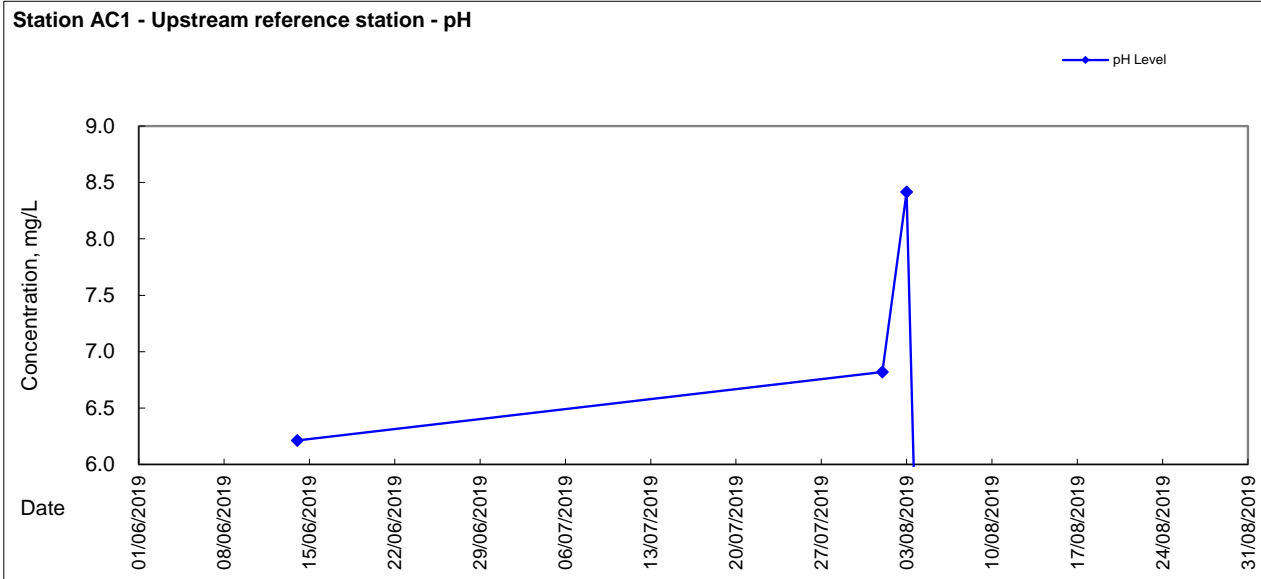


Graphic Presentation of WQM Result



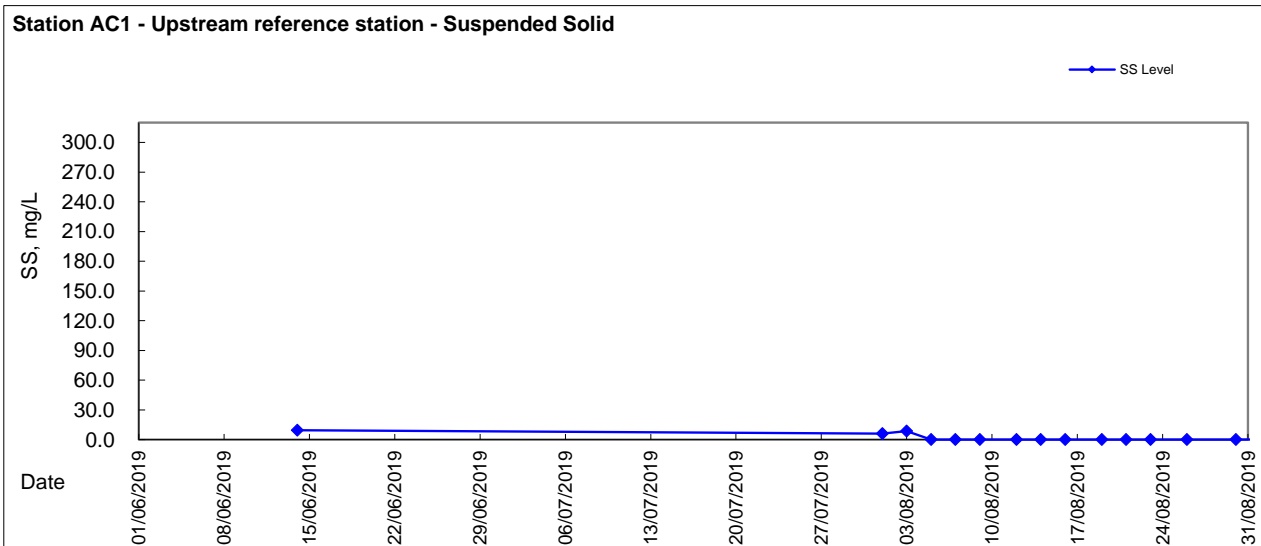
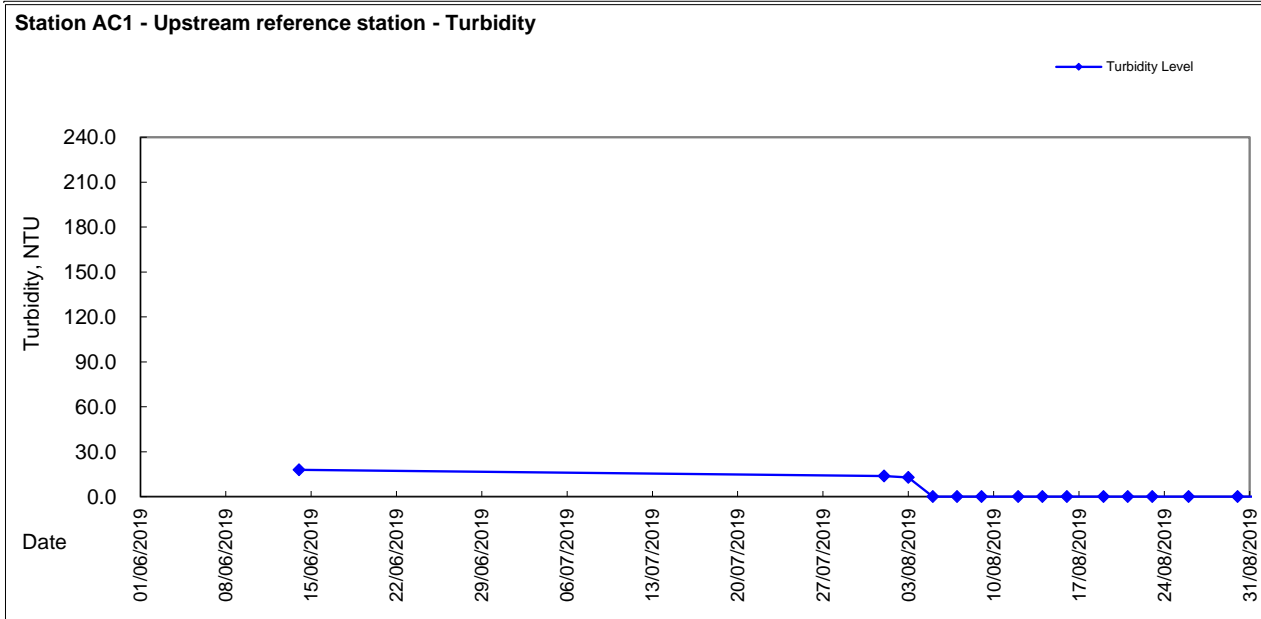


Graphic Presentation of WQM Result



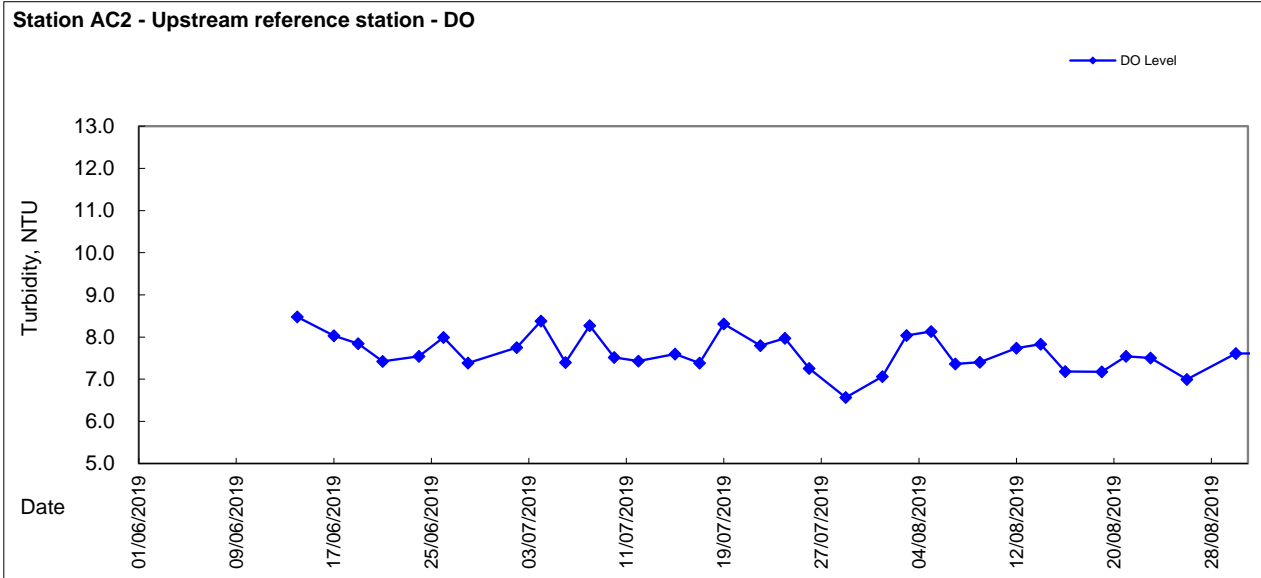
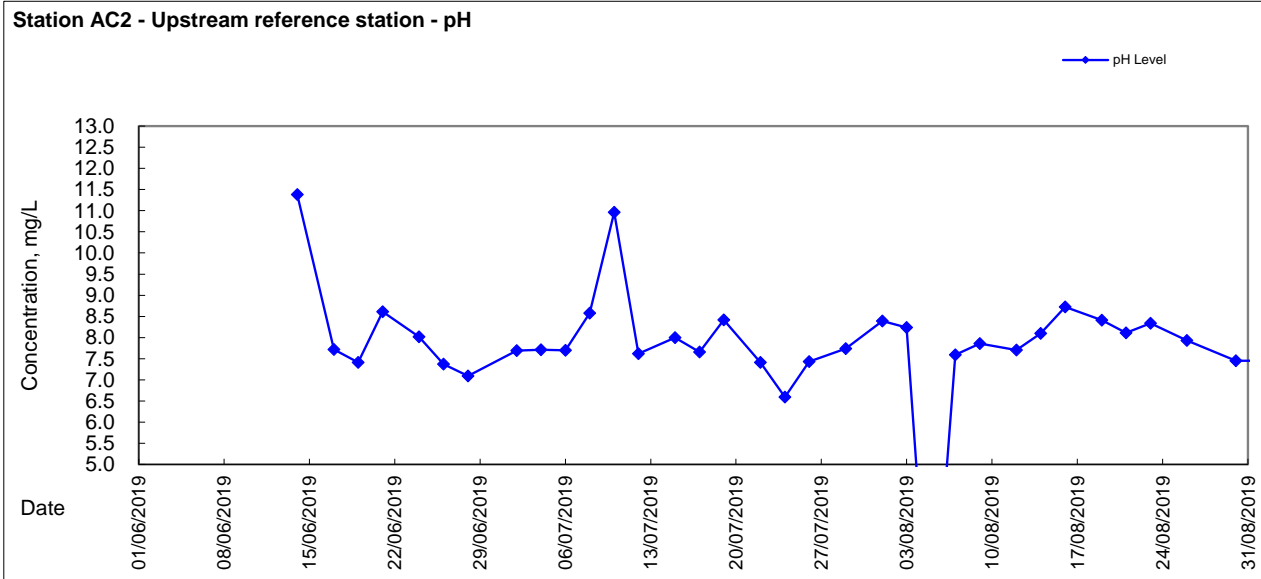


Graphic Presentation of WQM Result



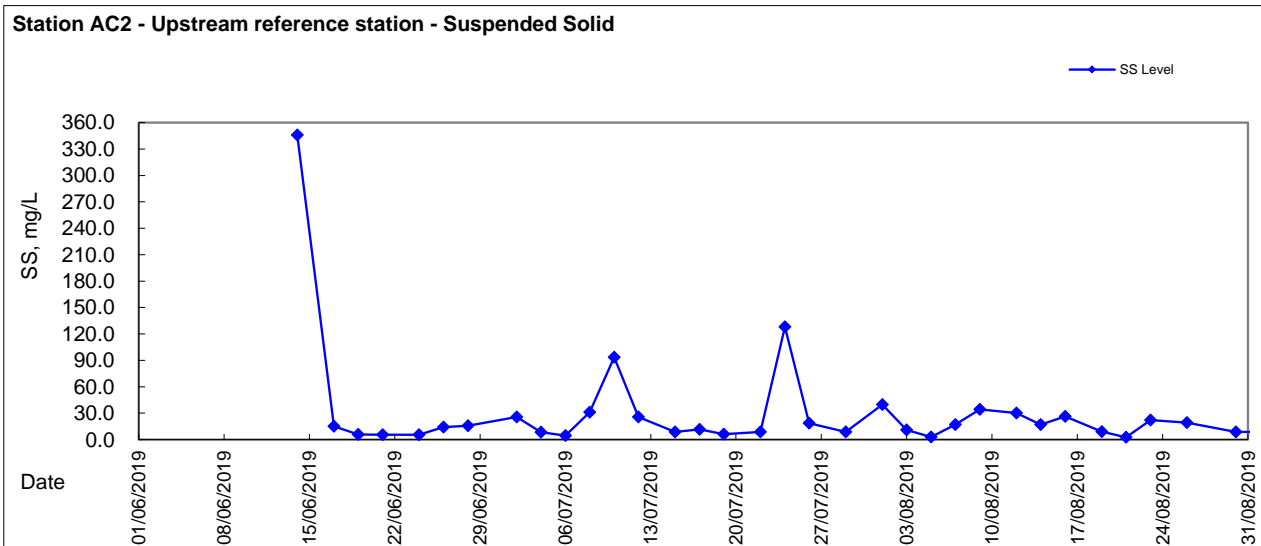
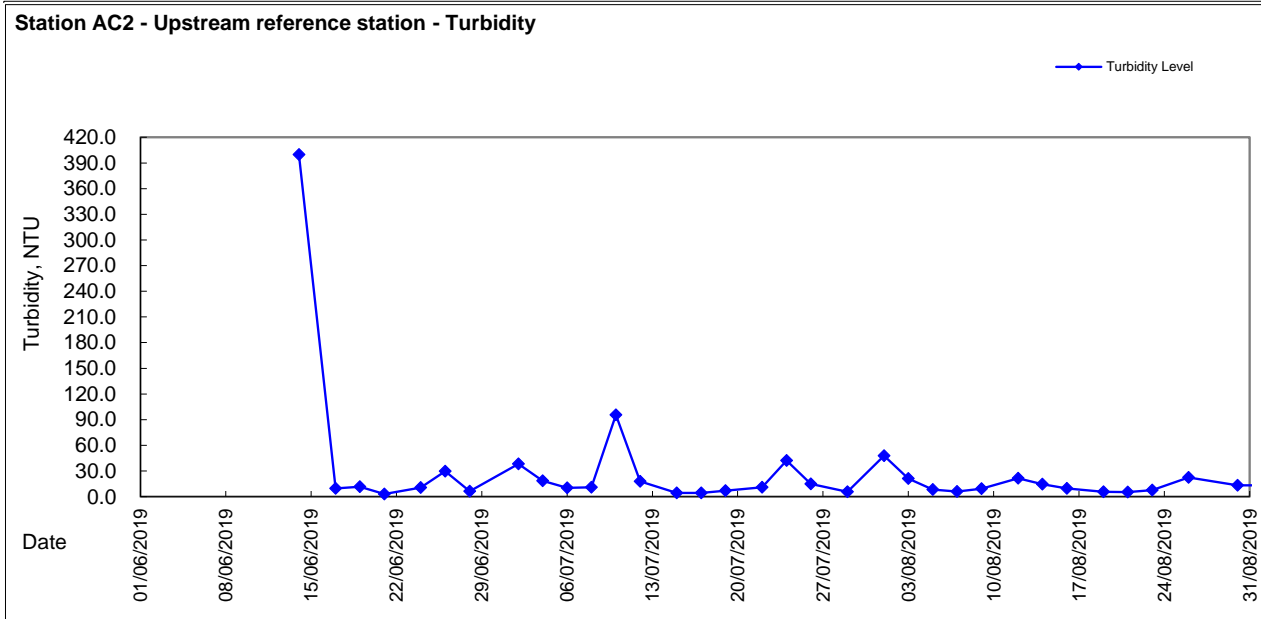


Graphic Presentation of WQM Result



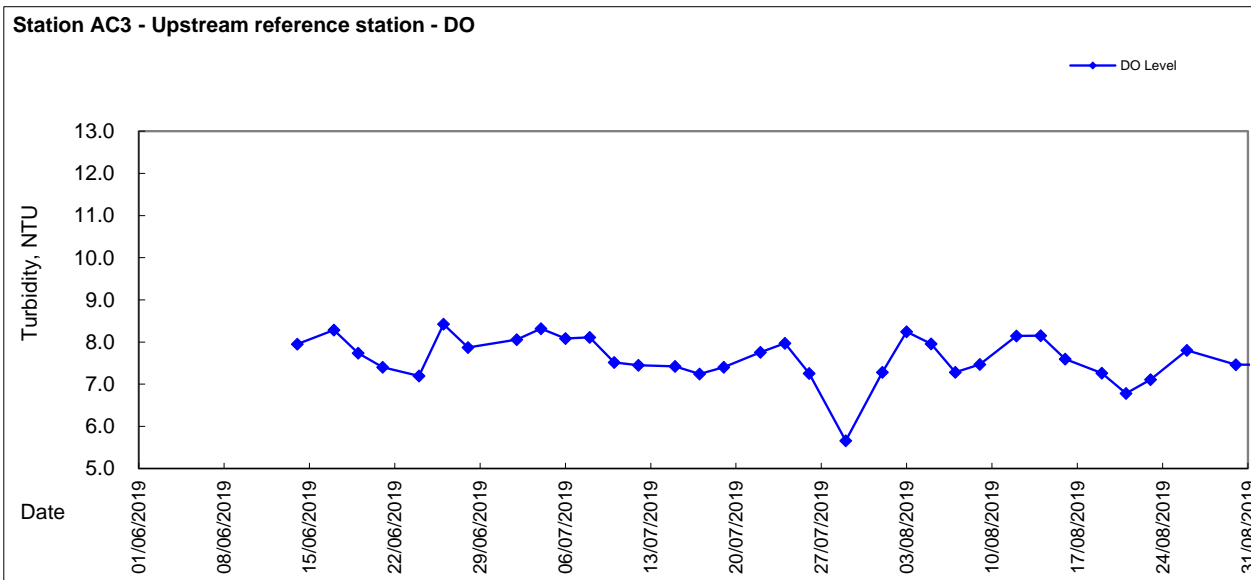
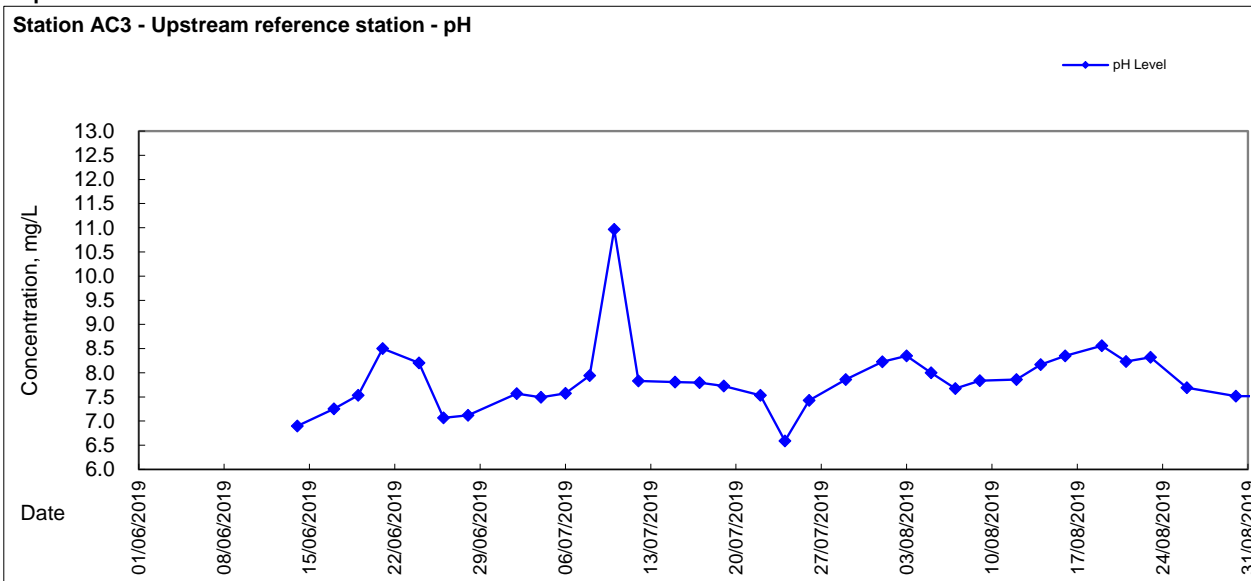


Graphic Presentation of WQM Result





Graphic Presentation of WQM Result





Graphic Presentation of WQM Result

