



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
02/09/2020	14:00	Cloudy	Surface	27.60	27.60	28.05	6.97	6.97	6.96	0.03	0.03	0.03	99.4	100.6	100.18	7.80	7.81	7.82	33.43	31.09	32.41	21.5	21.75
	14:02			28.50	28.50		6.95	6.95		0.03	0.03		100.3	100.4		7.83	7.83		32.56	32.55		22	
04/09/2020	10:15	Cloudy	Surface	26.50	26.50	26.80	7.17	7.17	7.16	0.04	0.04	0.04	91.3	95.4	95.65	7.30	7.62	7.63	10.43	10.33	10.35	4.7	4.80
	10:17			27.10	27.10		7.14	7.14		0.04	0.04		98.2	97.7		7.82	7.79		10.31	10.31		4.9	
07/09/2020	09:12	Fine	Surface	25.50	25.50	25.45	7.15	7.15	7.14	0.02	0.02	0.03	101.3	101.7	100.53	8.26	8.28	8.21	13.24	13.24	13.24	4.4	4.35
	09:14			25.40	25.40		7.13	7.13		0.03	0.03		100.5	98.6		8.19	8.12		13.24	13.24		4.3	
09/09/2020	10:23	Fine	Surface	25.70	25.70	25.85	7.57	7.57	7.56	0.02	0.02	0.02	86.0	87.1	88.80	7.01	7.12	7.23	32.16	31.85	31.98	5	5.20
	10:25			26.00	26.00		7.54	7.54		0.02	0.02		90.0	92.1		7.32	7.48		31.91	32.01		5.4	
11/09/2020	14:20	Cloudy	Surface	26.10	26.10	26.10	8.30	8.30	8.30	0.02	0.02	0.02	102.8	103.3	103.20	8.33	8.38	8.36	8.83	8.86	8.85	3.9	3.75
	14:22			26.10	26.10		8.30	8.30		0.02	0.02		103.4	103.3		8.37	8.36		8.86	8.85		3.6	
14/09/2020	14:10	Fine	Surface	26.70	26.70	26.90	7.17	7.17	7.17	0.02	0.02	0.02	96.8	97.4	97.53	7.73	7.77	7.78	11.41	11.37	11.34	4	4.15
	14:12			27.10	27.10		7.16	7.16		0.02	0.02		97.7	98.2		7.79	7.82		11.30	11.27		4.3	
16/09/2020	09:11	Fine	Surface	25.30	25.30	25.50	7.79	7.79	7.53	0.03	0.03	0.03	101.0	100.0	100.68	8.25	8.17	8.22	11.58	11.47	11.44	5.7	5.65
	09:13			25.70	25.70		7.27	7.27		0.03	0.03		100.8	100.9		8.23	8.23		11.39	11.32		5.6	
18/09/2020	09:35	Cloudy	Surface	25.60	25.60	25.75	7.19	7.19	7.18	0.04	0.04	0.04	99.8	99.5	99.15	8.13	8.10	8.07	13.23	13.23	13.23	3.4	3.55
	09:37			25.90	25.90		7.16	7.16		0.04	0.04		99.0	98.3		8.06	8.00		13.23	13.23		3.7	
21/09/2020	11:15	Cloudy	Surface	26.00	26.00	26.25	7.05	7.05	7.06	0.03	0.03	0.03	98.4	99.8	99.23	7.96	8.05	8.04	15.63	15.63	15.63	4.2	4.10
	11:17			26.50	26.50		7.06	7.06		0.03	0.03		98.9	99.8		8.07	8.06		15.63	15.63		4	
23/09/2020	09:35	Fine	Surface	25.50	25.50	25.70	7.30	7.30	7.29	0.05	0.05	0.06	100.6	100.1	98.93	8.19	8.14	8.05	9.73	9.69	9.60	3.8	3.70
	09:37			25.90	25.90		7.27	7.27		0.06	0.06		98.7	96.3		8.03	7.83		9.79	9.19		3.6	
25/09/2020	14:10	Fine	Surface	26.10	26.10	26.50	7.66	7.66	7.65	0.03	0.03	0.03	99.8	99.0	99.50	8.03	7.92	7.97	9.82	9.81	9.75	5.7	5.55
	14:12			26.90	26.90		7.63	7.63		0.03	0.03		99.3	99.9		7.94	7.98		9.69	9.69		5.4	
28/09/2020	13:40	Cloudy	Surface	24.90	24.90	25.00	7.56	7.56	7.54	0.03	0.03	0.03	95.6	96.7	96.88	7.90	7.99	8.00	7.59	7.61	7.61	2.6	2.70
	13:42			25.10	25.10		7.51	7.51		0.03	0.03		97.7	97.5		8.07	8.05		7.62	7.63		2.8	
30/09/2020	10:27	Fine	Surface	25.80	25.80	25.95	7.34	7.34	7.34	0.03	0.03	0.03	97.3	97.4	97.40	7.90	7.91	7.90	11.25	11.23	11.35	3.3	3.40
	10:29			26.10	26.10		7.33	7.33		0.03	0.03		97.9	97.0		7.94	7.86		11.38	11.52		3.5	

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
02/09/2020	14:27	Cloudy	Surface	27.50	27.50	27.55	6.95	6.95	6.9	0.08	0.08	0.08	94.5	94.6	95.05	7.59	7.60	7.6	22.55	22.56	22.8	18.9	18.3
	14:29			27.60	27.60		6.90	6.90		0.08	0.08		95.6	95.5		7.65	7.65		22.57	23.56		17.6	
04/09/2020	10:42	Cloudy	Surface	26.70	26.70	26.80	8.20	8.20	8.2	0.05	0.05	0.05	92.4	93.7	93.98	7.40	7.49	7.5	14.32	14.32	14.4	5.0	5.2
	10:44			26.90	26.90		8.15	8.15		0.05	0.05		94.8	95.0		7.56	7.59		14.26	14.57		5.4	
07/09/2020	09:40	Fine	Surface	25.40	25.40	25.45	7.32	7.32	7.3	0.05	0.05	0.05	92.9	92.3	92.70	7.61	7.57	7.6	9.56	9.63	9.6	5.0	4.9
	09:42			25.50	25.50		7.32	7.32		0.05	0.05		92.8	92.8		7.61	7.60		9.67	9.58		4.7	
09/09/2020	10:45	Fine	Surface	25.30	25.30	25.45	7.13	7.13	7.1	0.03	0.03	0.03	96.5	97.4	97.68	7.92	7.99	8.0	11.46	11.46	11.4	6.9	7.0
	10:47			25.60	25.60		7.14	7.14		0.03	0.03		98.3	98.5		8.05	8.06		11.41	11.31		7.0	
11/09/2020	14:35	Cloudy	Surface	26.10	26.10	26.15	8.91	8.91	<u>8.9</u>	0.05	0.05	0.05	104.3	104.4	104.30	8.43	8.44	8.4	112.40	112.00	<u>112.1</u>	128.0	<u>126.5</u>
	14:37			26.20	26.20		8.92	8.92		0.05	0.05		104.2	104.3		8.43	8.43		112.00	111.90		125.0	
14/09/2020	14:42	Fine	Surface	25.80	25.80	25.95	7.55	7.55	7.6	0.04	0.04	0.04	93.9	96.1	96.38	7.63	7.81	7.8	13.29	13.26	13.3	9.8	10.0
	14:44			26.10	26.10		7.56	7.56		0.04	0.04		97.7	97.8		7.93	7.94		13.25	13.24		10.2	
16/09/2020	09:40	Fine	Surface	25.90	25.90	25.90	7.30	7.30	7.3	0.03	0.03	0.03	96.0	92.1	94.55	7.81	7.89	7.9	23.53	23.47	23.5	28.7	<u>29.0</u>
	09:42			25.90	25.90		7.29	7.29		0.03	0.03		92.5	97.6		7.92	7.93		23.45	23.44		29.3	
18/09/2020	10:00	Cloudy	Surface	25.90	25.90	25.80	8.30	8.30	8.3	0.04	0.04	0.04	95.0	97.3	96.40	7.70	7.89	7.8	127.80	127.90	<u>127.8</u>	351.0	<u>349.5</u>
	10:02			25.70	25.70		8.27	8.27		0.04	0.04		97.2	96.1		7.87	7.79		127.80	127.80		348.0	
21/09/2020	11:35	Cloudy	Surface	26.00	26.00	26.15	8.66	8.66	<u>8.7</u>	0.05	0.05	0.05	98.2	98.5	98.03	7.92	7.96	7.9	852.20	846.70	<u>847.4</u>	872.0	<u>876.5</u>
	11:37			26.30	26.30		8.82	8.82		0.05	0.05		98.4	97.0		7.95	7.84		845.50	845.00		881.0	
23/09/2020	10:05	Fine	Surface	25.60	25.60	25.75	7.61	7.61	7.6	0.04	0.04	0.04	91.7	96.8	96.70	7.47	7.88	7.9	22.07	21.78	21.7	23.1	<u>22.9</u>
	10:07			25.90	25.90		7.60	7.60		0.04	0.04		99.2	99.1		8.07	8.06		21.61	21.38		22.6	
25/09/2020	14:35	Fine	Surface	25.50	25.50	25.70	8.11	8.11	8.1	0.04	0.04	0.04	83.0	94.1	92.10	6.77	7.64	7.5	19.28	19.25	20.3	68.8	<u>67.9</u>
	14:37			25.90	25.90		8.05	8.05		0.04	0.04		95.9	95.4		7.81	7.76		21.22	21.35		67.0	
28/09/2020	14:05	Cloudy	Surface	25.00	25.00	25.00	7.47	7.47	7.5	0.05	0.05	0.05	88.1	91.0	91.75	7.28	7.52	7.6	11.73	11.72	11.7	25.4	<u>25.3</u>
	14:07			25.00	25.00		7.47	7.47		0.05	0.05		94.5	93.4		7.81	7.71		11.71	11.70		25.2	
30/09/2020	10:55	Fine	Surface	26.00	26.00	26.05	7.68	7.68	7.7	0.09	0.09	0.09	95.0	95.3	95.00	7.70	7.73	7.7	9.35	9.30	9.3	9.8	10.0
	10:57			26.10	26.10		7.68	7.68		0.09	0.09		95.3	94.4		7.73	7.65		9.29	9.34		10.2	

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	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average
02/09/2020	16:00	Cloudy	Surface	28.30	28.30	28.40	7.77	7.77	7.8	0.18	0.18	0.18	83.1	92.6	90.95	6.46	7.29	7.1	395.40	398.40	396.0	304.0	306.0	
	16:02			28.50	28.50		7.78	7.78		0.18	0.18		94.1	94.0		7.31	7.30		398.20	391.80		308.0		
04/09/2020	09:30	Cloudy	Surface	27.60	27.60	27.70	7.66	7.66	7.7	0.51	0.51	0.51	78.2	81.9	81.38	7.40	7.49	7.5	7.00	7.01	7.0	4.5	4.6	
	09:32			27.80	27.80		7.66	7.66		0.51	0.51		82.1	83.3		7.56	7.59		7.01	7.00		4.6		
07/09/2020	11:05	Fine	Surface	26.70	26.70	26.80	7.61	7.61	7.6	0.13	0.13	0.13	95.6	96.2	96.18	7.63	7.68	7.7	85.96	86.10	86.0	77.6	73.7	
	11:07			26.90	26.90		7.65	7.65		0.13	0.13		96.6	96.3		7.71	7.68		85.96	85.85		69.8		
09/09/2020	10:00	Fine	Surface	26.40	26.40	26.55	8.41	8.41	8.4	0.11	0.11	0.11	95.9	101.3	100.35	7.71	8.13	8.1	163.60	162.40	162.2	128.0	128.5	
	10:02			26.70	26.70		8.40	8.40		0.11	0.11		102.1	102.1		8.19	8.19		161.50	161.10		129.0		
11/09/2020	15:25	Cloudy	Surface	27.40	27.40	27.40	8.09	8.09	8.1	0.24	0.24	0.24	103.6	104.1	103.93	8.20	8.23	8.2	32.63	32.64	32.7	33.6	33.9	
	15:27			27.40	27.40		8.09	8.09		0.24	0.24		104.0	104.0		8.22	8.22		32.65	32.68		34.2		
14/09/2020	15:25	Fine	Surface	27.40	27.40	27.45	7.45	7.45	7.5	0.21	0.21	0.21	102.3	101.1	100.33	8.08	7.98	7.9	5.80	5.80	5.9	4.2	4.4	
	15:27			27.50	27.50		7.47	7.47		0.21	0.21		99.5	98.4		7.84	7.76		5.90	5.96		4.6		
16/09/2020	10:28	Fine	Surface	26.70	26.70	26.80	7.58	7.58	7.6	0.15	0.05	0.13	97.0	99.7	98.80	7.75	7.96	7.9	43.92	44.18	44.1	32.7	32.4	
	10:30			26.90	26.90		7.58	7.58		0.15	0.15		99.1	99.4		7.91	7.93		44.54	43.89		32.0		
18/09/2020	10:43	Cloudy	Surface	26.60	26.60	26.75	7.76	7.76	7.8	0.14	0.14	0.09	97.0	98.0	97.80	7.77	7.89	7.8	60.32	60.29	60.3	62.1	60.7	
	10:45			26.90	26.90		7.76	7.76		0.04	0.04		98.8	97.4		7.90	7.79		60.28	60.31		59.2		
21/09/2020	10:35	Cloudy	Surface	26.40	26.40	26.55	7.87	7.87	7.8	0.20	0.20	0.20	89.9	92.5	93.03	7.22	7.42	7.5	62.77	62.98	63.0	51.7	51.2	
	10:37			26.70	26.70		7.67	7.67		0.20	0.20		95.5	94.2		7.68	7.55		63.07	63.12		50.7		
23/09/2020	10:45	Fine	Surface	26.60	26.60	26.70	8.38	8.38	8.4	0.18	0.18	0.18	91.7	96.9	96.78	7.35	7.75	7.7	1186.00	1184.00	1184.5	1440.0	1430.0	
	10:47			26.80	26.80		8.38	8.38		0.18	0.18		99.0	99.5		7.91	7.95		1184.00	1184.00		1420.0		
25/09/2020	15:00	Fine	Surface	26.70	26.70	26.80	7.54	7.54	7.5	0.20	0.20	0.20	95.1	95.8	96.15	7.60	7.65	7.7	3.46	3.46	3.5	2.4	2.3	
	15:02			26.90	26.90		7.54	7.54		0.20	0.20		97.1	96.6		7.75	7.71		3.45	3.43		2.2		
28/09/2020	14:20	Cloudy	Surface	25.30	25.30	25.35	7.34	7.34	7.3	0.28	0.28	0.28	92.5	94.9	94.25	7.60	7.79	7.7	9.30	9.16	9.2	4.4	4.6	
	14:22			25.40	25.40		7.34	7.34		0.28	0.28		95.1	94.5		7.80	7.75		9.23	9.01		4.8		
30/09/2020	10:05	Fine	Surface	26.60	26.60	26.75	7.91	7.91	7.9	0.29	0.29	0.29	90.7	91.3	91.03	7.26	7.30	7.3	27.15	26.76	26.6	8.9	9.0	
	10:07			26.90	26.90		7.91	7.91		0.29	0.29		91	91.1		7.27	7.28		26.47	26.19		9.1		

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 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		
02/09/2020	16:15	Cloudy	Surface	28.50	28.50	28.60	7.80	7.80	7.8	0.17	0.17	0.17	88.0	89.0	89.60	6.81	6.89	6.9	195.20	195.10	194.7	250.0	<u>252.0</u>
	16:17			28.70	28.70		7.80	7.80		0.17	0.17		90.5	90.9		7.00	7.04		194.80	193.80		254.0	
04/09/2020	09:03	Cloudy	Surface	28.30	28.30	28.40	7.73	7.73	7.7	0.44	0.44	0.44	88.0	92.1	91.25	6.83	7.15	7.1	6.52	6.51	6.5	3.1	3.0
	09:05			28.50	28.50		7.73	7.73		0.44	0.44		91.9	93.0		7.12	7.20		6.50	6.50		2.9	
07/09/2020	11:25	Fine	Surface	27.20	27.20	27.35	7.80	7.80	7.8	0.12	0.12	0.12	88.7	89.8	90.70	7.02	7.11	7.2	55.82	55.93	55.9	34.0	34.0
	11:27			27.50	27.50		7.78	7.78		0.12	0.12		91.3	93.0		7.22	7.35		55.44	56.35		34.0	
09/09/2020	09:07	Fine	Surface	26.20	26.20	26.35	7.74	7.74	7.7	0.10	0.10	0.10	102.7	103.0	102.30	8.27	8.29	8.2	72.01	72.00	71.9	44.8	45.0
	09:09			26.50	26.50		7.72	7.72		0.10	0.10		102.4	101.1		8.23	8.13		71.85	71.87		45.1	
11/09/2020	15:45	Cloudy	Surface	27.60	27.60	27.60	8.04	8.04	8.0	0.21	0.21	0.21	98.7	98.4	98.53	8.02	8.00	8.0	25.73	25.76	25.7	33.1	33.4
	15:47			27.60	27.60		8.05	8.05		0.21	0.21		98.4	98.6		8.00	8.01		25.74	25.74		33.7	
14/09/2020	15:50	Fine	Surface	27.60	27.60	27.70	7.73	7.73	7.7	0.09	0.09	0.14	91.9	94.0	94.13	7.22	7.39	7.4	5.05	5.12	5.1	2.2	2.3
	15:52			27.80	27.80		7.73	7.73		0.19	0.19		94.9	95.7		7.45	7.52		5.09	5.08		2.4	
16/09/2020	10:50	Fine	Surface	27.50	27.50	27.60	7.80	7.80	7.9	0.56	0.56	0.56	92.1	94.8	94.83	7.24	7.45	7.5	30.17	30.14	30.1	17.2	16.9
	10:52			27.70	27.70		7.93	7.93		0.56	0.56		96.3	96.1		7.57	7.55		30.11	29.89		16.6	
18/09/2020	11:05	Cloudy	Surface	27.00	27.00	27.10	7.80	7.80	7.8	0.13	0.13	0.13	95.4	97.6	96.93	7.58	7.75	7.7	33.07	33.55	33.4	37.6	36.6
	11:07			27.20	27.20		7.80	7.80		0.13	0.13		97.4	97.3		7.73	7.72		33.51	33.31		35.6	
21/09/2020	10:00	Cloudy	Surface	27.10	27.10	27.15	7.71	7.71	7.7	0.16	0.16	0.16	98.0	98.7	97.63	7.79	7.88	7.8	26.10	26.12	26.1	15.1	14.9
	10:02			27.20	27.20		7.70	7.70		0.16	0.16		96.4	97.4		7.66	7.74		26.09	26.07		14.6	
23/09/2020	11:25	Fine	Surface	28.30	28.30	28.35	8.11	8.11	8.1	0.16	0.16	0.16	105.3	103.5	102.85	8.19	8.05	8.0	470.90	470.90	470.9	408.0	<u>404.0</u>
	11:27			28.40	28.40		8.11	8.11		0.16	0.16		102.2	100.4		7.94	7.80		470.90	470.90		400.0	
25/09/2020	15:20	Fine	Surface	27.00	27.00	27.10	7.75	7.75	7.8	0.18	0.18	0.18	91.6	92.5	93.83	7.29	7.35	7.5	7.20	7.18	7.1	3.1	3.4
	15:22			27.20	27.20		7.76	7.76		0.18	0.18		95.3	95.9		7.58	7.62		7.09	7.08		3.6	
28/09/2020	14:50	Cloudy	Surface	26.10	26.10	26.15	7.73	7.73	7.7	0.26	0.26	0.26	93.8	93.3	93.90	7.58	7.53	7.6	42.02	41.72	41.6	95.6	95.0
	14:52			26.20	26.20		7.74	7.74		0.26	0.26		94.4	94.1		7.62	7.60		41.43	41.24		94.3	
30/09/2020	09:43	Fine	Surface	27.00	27.00	27.25	8.12	8.12	8.1	0.52	0.52	0.53	96.6	99.2	97.83	7.65	7.85	7.7	61.38	61.38	61.4	64.0	63.7
	9:45			27.50	27.50		8.11	8.11		0.54	0.54		97.6	97.9		7.7	7.72		61.38	61.38		63.4	

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
02/09/2020	-	Cloudy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-																	
04/09/2020	-	Cloudy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-																	
07/09/2020	-	Fine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-																	
09/09/2020	-	Fine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-																	
11/09/2020	-	Cloudy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-																	
14/09/2020	-	Fine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-																	
16/09/2020	-	Fine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-																	
18/09/2020	-	Cloudy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-																	
21/09/2020	-	Cloudy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-																	
23/09/2020	-	Fine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-																	
25/09/2020	-	Fine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-																	
28/09/2020	-	Cloudy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-																	
30/09/2020	-	Fine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-																	
00/01/1900	-	Rainy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-																	

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	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average						
02/09/2020	14:10	Cloudy	Surface	27.00	27.00	27.15	6.80	6.80	6.8	0.06	0.06	0.06	86.7	92.2	92.53	6.90	7.32	7.4	28.37	28.19	28.1	28.8	28.2
	14:12			27.30	27.30		6.85	6.85		0.06	0.06		95.0	96.2		7.55	7.63		28.00	27.92		27.5	
04/09/2020	10:25	Cloudy	Surface	26.50	26.50	26.65	7.58	7.58	7.6	0.06	0.06	0.06	85.1	88.0	89.10	6.83	7.05	7.1	5.51	5.40	5.4	14.2	14.5
	10:27			26.80	26.80		7.59	7.59		0.06	0.06		91.0	92.3		7.29	7.38		5.40	5.40		14.8	
07/09/2020	09:20	Fine	Surface	25.30	25.30	25.40	7.15	7.15	7.1	0.05	0.05	0.05	89.0	91.3	91.38	7.30	7.49	7.5	6.16	6.17	6.2	5	4.8
	09:22			25.50	25.50		7.07	7.07		0.05	0.05		92.4	92.8		7.58	7.60		6.18	6.18		4.6	
09/09/2020	10:32	Fine	Surface	25.70	25.70	25.75	7.69	7.69	7.7	0.05	0.05	0.05	102.5	101.7	101.58	8.35	8.28	8.3	11.22	11.19	11.2	6.7	6.9
	10:34			25.80	25.80		7.69	7.69		0.05	0.05		101.3	100.8		8.25	8.21		11.14	11.11		7.0	
11/09/2020	14:45	Cloudy	Surface	25.70	25.70	25.70	7.97	7.97	8.0	0.05	0.05	0.05	108.3	108.5	108.23	8.81	8.82	8.8	10.66	10.82	10.7	11.5	8.5
	14:47			25.70	25.70		7.98	7.98		0.05	0.05		108.0	108.1		8.79	8.80		10.76	10.71		5.5	
14/09/2020	14:30	Fine	Surface	25.50	25.50	25.75	7.76	7.76	7.8	0.04	0.04	0.04	92.8	95.6	95.08	7.56	7.78	7.7	9.01	9.00	9.0	2.9	3.1
	14:32			26.00	26.00		7.76	7.76		0.04	0.04		95.6	96.3		7.78	7.83		9.00	9.01		3.2	
16/09/2020	09:25	Fine	Surface	25.30	25.30	25.45	7.22	7.22	7.2	0.05	0.05	0.05	96.6	96.7	97.39	7.88	7.92	8.0	5.85	5.84	5.8	5.6	5.4
	09:27			25.60	25.60		7.22	7.22		0.05	0.05		98.1	98.2		8.03	8.04		5.81	5.79		5.1	
18/09/2020	09:44	Cloudy	Surface	25.20	25.20	25.30	7.37	7.37	7.4	0.05	0.05	0.05	102.6	101.8	100.38	8.38	8.31	8.2	16.57	16.57	16.6	7.6	7.8
	09:46			25.40	25.40		7.39	7.38		0.05	0.05		99.0	98.1		8.08	8.01		16.57	16.57		7.9	
21/09/2020	11:25	Cloudy	Surface	25.30	25.30	25.45	7.31	7.31	7.4	0.04	0.04	0.04	96.3	98.1	97.10	7.92	8.02	8.0	5.66	5.58	5.6	3.2	3.4
	11:27			25.60	25.60		7.43	7.43		0.04	0.04		97.1	96.9		7.94	7.92		5.56	5.55		3.5	
23/09/2020	09:47	Fine	Surface	24.80	24.80	24.80	7.58	7.58	7.5	0.04	0.04	0.04	86.4	85.1	85.60	7.06	7.06	7.1	5.78	5.76	5.4	2.8	2.7
	09:49			24.80	24.80		7.33	7.32		0.04	0.04		85.4	85.5		7.08	7.07		4.86	5.01		2.6	
25/09/2020	14:15	Fine	Surface	24.90	24.90	25.15	7.46	7.46	7.5	0.04	0.04	0.04	97.3	98.7	98.08	8.01	8.12	8.1	5.52	5.40	5.4	3.4	3.4
	14:17			25.40	25.40		7.47	7.47		0.04	0.04		98.3	98.0		8.09	8.05		5.38	5.39		3.3	
28/09/2020	13:46	Cloudy	Surface	24.40	24.40	24.50	7.20	7.20	7.2	0.05	0.05	0.05	86.8	95.6	94.15	7.74	7.97	8.0	5.19	5.30	5.2	4.6	4.8
	13:48			24.60	24.60		7.20	7.20		0.05	0.05		97.0	97.2		8.08	8.10		5.24	5.19		5	
30/09/2020	10:35	Fine	Surface	25.50	25.50	25.60	7.47	7.47	7.5	0.05	0.05	0.05	95.0	97.7	97.10	7.77	7.97	7.9	7.59	7.59	7.6	6.5	6.7
	10:37			25.70	25.70		7.48	7.48		0.05	0.05		97.8	97.9		7.99	7.99		7.57	7.56		6.8	

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)

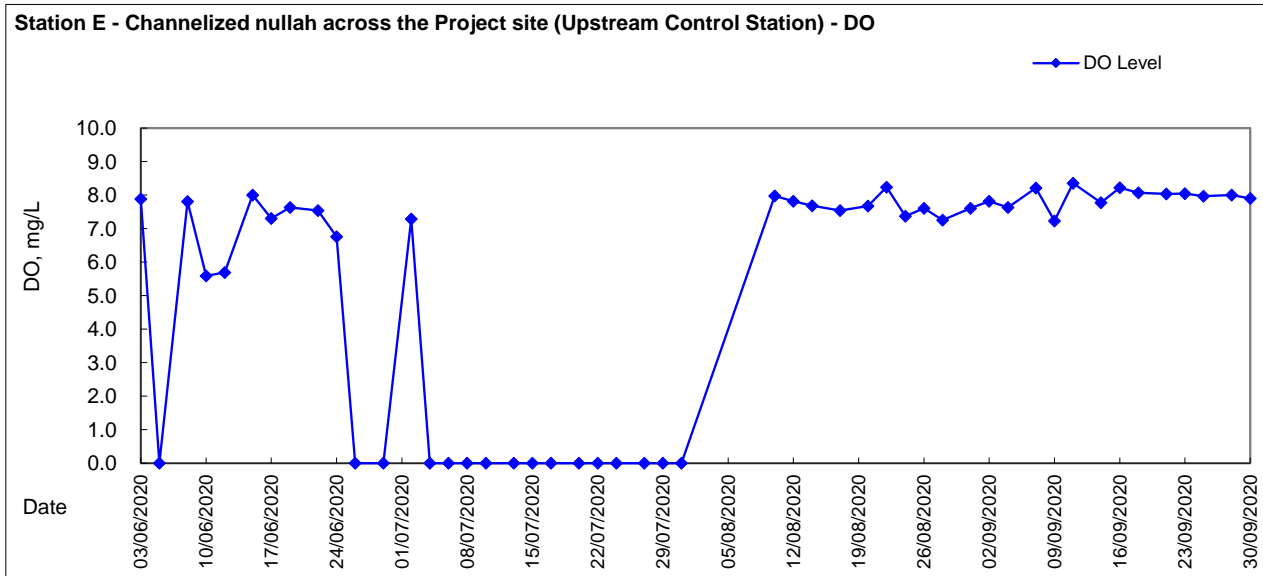
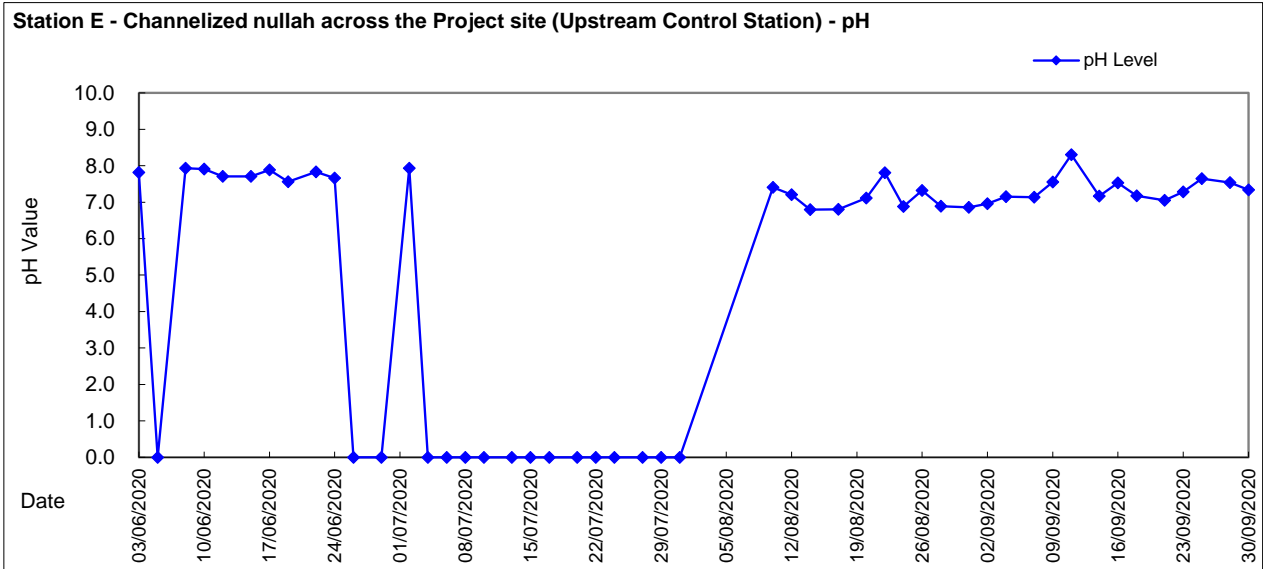
Date	Time	Weather Condition	Sampling Depth m	Water Temperature °C			pH			Salinity ppt			DO Saturation %			DO mg/L			Turbidity NTU			Suspended Solids mg/L	
				Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Average
				02/09/2020	14:20	Cloudy	Surface	27.50	27.50	27.60	7.10	7.10	7.1	0.06	0.06	0.06	82.9	83.5	83.88	6.52	6.57	6.6	15.55
	14:20	27.70	27.70	7.05	7.05			0.06	0.06		84.5	84.6		6.66	6.67		15.58	15.60		47			
04/09/2020	10:35	Cloudy	Surface	27.90	27.90	27.75	8.12	8.12	8.1	0.18	0.18	0.18	99.0	98.2	98.08	7.81	7.74	7.7	43.25	43.21	42.2	166	168.0
	10:37			27.60	27.60		8.08	8.08		0.18	0.18		97.7	97.4		7.71	7.68		42.15	40.15		170	
07/09/2020	09:30	Fine	Surface	25.90	25.90	25.95	7.52	7.52	7.5	0.05	0.05	0.05	105.6	100.6	101.33	8.57	8.16	8.2	7.92	7.82	7.8	4.6	4.5
	09:32			26.00	26.00		7.52	7.52		0.05	0.05		99.9	99.2		8.11	8.06		7.82	7.82		4.4	
09/09/2020	10:52	Fine	Surface	25.50	25.50	25.45	7.59	7.59	7.6	0.03	0.03	0.03	90.1	93.6	93.78	7.36	7.53	7.6	13.18	12.90	12.9	9.9	9.7
	10:54			25.40	25.40		7.60	7.60		0.03	0.03		95.3	96.1		7.71	7.83		12.82	12.77		9.4	
11/09/2020	14:30	Cloudy	Surface	25.90	25.90	25.90	7.83	7.83	7.8	0.04	0.04	0.04	103.6	105.9	105.08	8.40	8.58	8.5	17.20	17.20	17.2	7.7	7.9
	14:32			25.90	25.90		7.85	7.85		0.04	0.04		106.0	104.8		8.60	8.45		17.20	17.05		8.1	
14/09/2020	14:50	Fine	Surface	25.90	25.90	26.35	7.44	7.44	7.4	0.04	0.04	0.04	97.2	97.0	97.28	7.83	7.81	7.8	13.60	13.36	13.4	8.7	8.6
	14:52			26.80	26.80		7.44	7.44		0.04	0.04		97.4	97.5		7.84	7.84		13.39	13.26		8.4	
16/09/2020	09:45	Fine	Surface	25.60	25.60	25.70	7.50	7.50	7.5	0.03	0.03	0.03	92.9	94.4	94.75	7.58	7.70	7.7	16.47	16.33	16.3	18.3	18.1
	09:47			25.80	25.80		7.47	7.47		0.03	0.03		95.6	96.1		7.80	7.83		16.27	16.23		17.9	
18/09/2020	10:10	Cloudy	Surface	25.50	25.60	25.68	7.57	7.57	7.5	0.03	0.03	0.03	93.6	95.8	95.28	7.64	7.81	7.8	36.02	36.68	26.3	39.8	28.9
	10:12			25.90	25.90		7.55	7.55		0.03	0.03		96.4	96.2		7.85	7.83		35.40	34.42		37.9	
21/09/2020	11:30	21:36	Surface	25.70	25.70	25.76	7.78	7.78	7.7	0.05	0.05	0.04	94.7	97.9	96.31	7.71	7.96	7.8	506.60	506.40	270.5	778	406.9
	11:32			25.90	25.90		7.85	7.85		0.05	0.05		98.3	97.6		8.00	7.94		505.70	503.10		772	
23/09/2020	09:58	Fine	Surface	25.60	25.60	25.65	7.78	7.78	7.8	0.04	0.04	0.04	102.5	101.8	101.88	8.37	8.31	8.3	32.38	31.61	31.5	80	44.4
	10:00			25.70	25.70		7.78	7.78		0.04	0.04		101.7	101.5		8.30	8.28		31.07	31.07		8.8	
25/09/2020	14:30	Fine	Surface	25.20	25.20	25.35	7.79	7.79	7.8	0.04	0.04	0.04	95.4	97.4	97.23	7.83	7.99	8.0	16.76	16.68	16.7	22.3	22.6
	14:32			25.50	25.50		7.78	7.78		0.04	0.04		98.0	98.1		8.04	8.04		16.63	16.61		22.8	
28/09/2020	14:00	Cloudy	Surface	24.80	24.80	24.80	7.57	7.57	7.6	0.05	0.05	0.05	84.7	89.8	90.73	7.01	7.43	7.5	12.37	12.32	12.3	25.3	24.9
	14:02			24.80	24.80		7.57	7.57		0.05	0.05		94.2	94.2		7.79	7.79		12.31	12.30		24.4	
30/09/2020	10:48	Fine	Surface	25.60	25.60	25.65	7.65	7.65	7.7	0.09	0.09	0.09	99.2	98.7	98.35	8.06	8.02	8.0	10.02	9.89	9.9	9.9	9.8
	10:50			25.70	25.70		7.65	7.65		0.09	0.09		98.4	97.1		7.99	7.88		9.82	9.69		9.6	

Remarks:

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

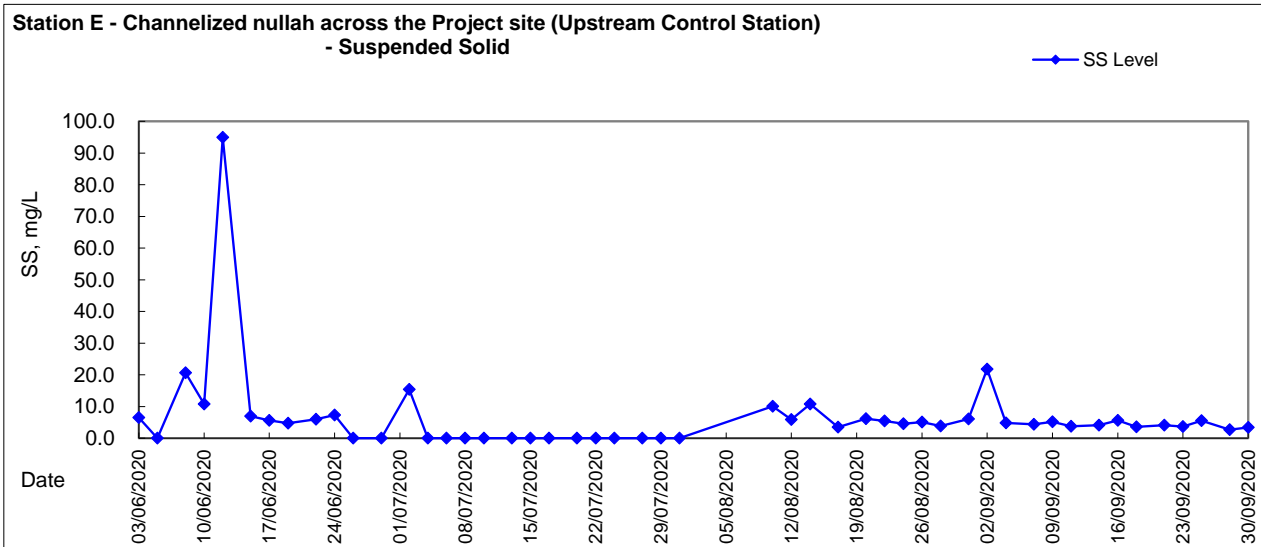
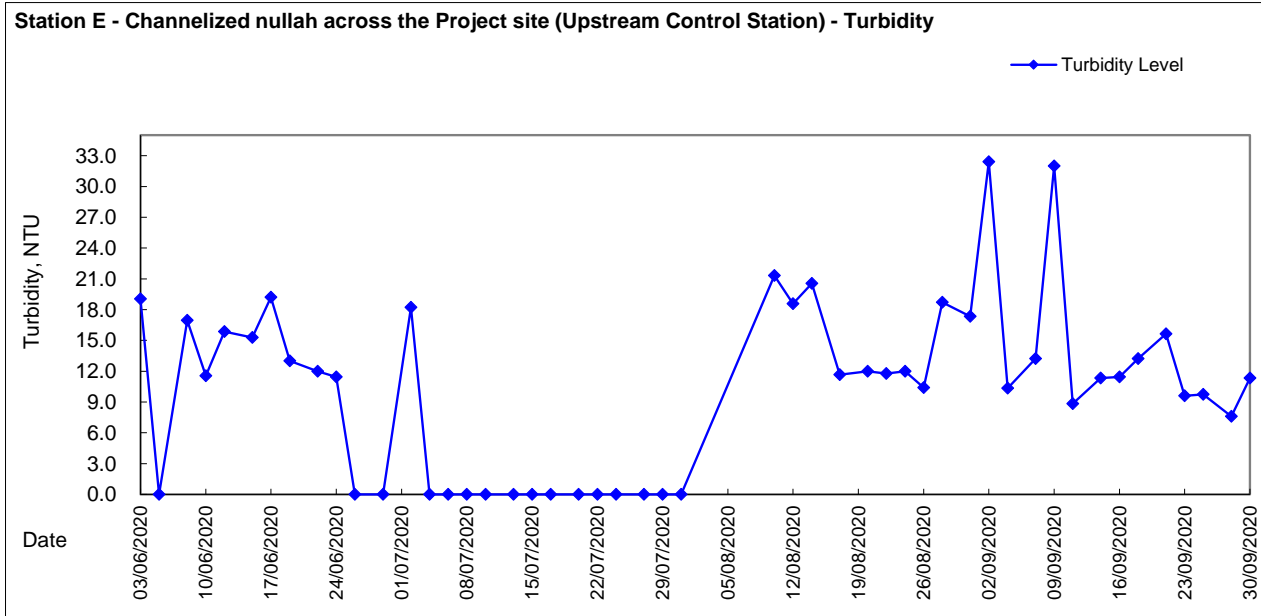


Graphic Presentation of WQM Result



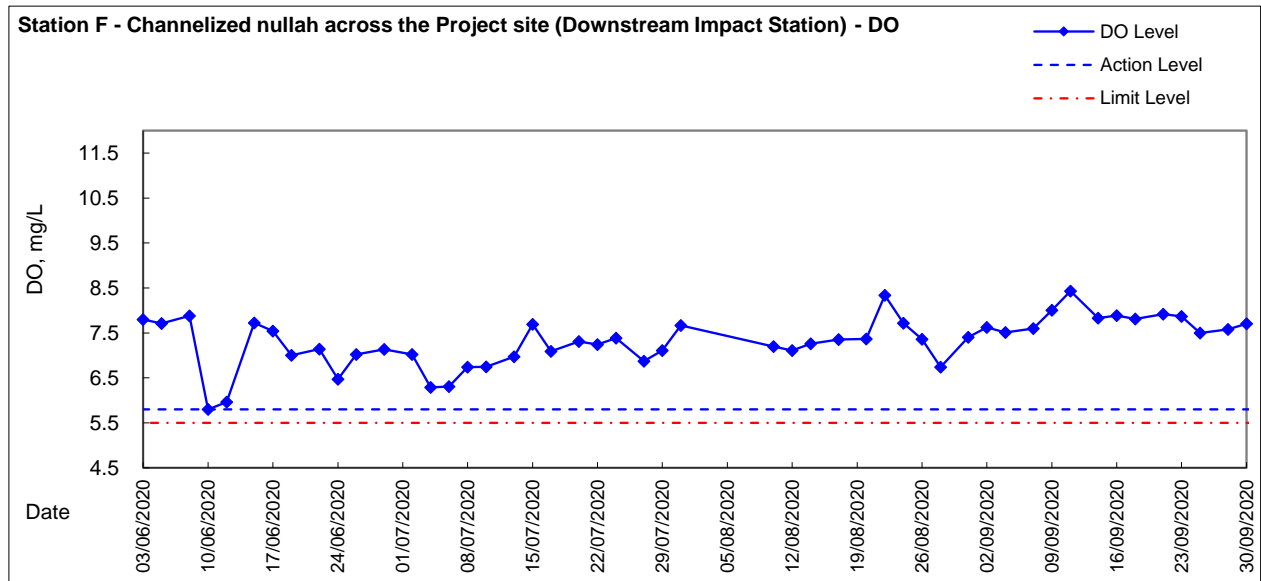
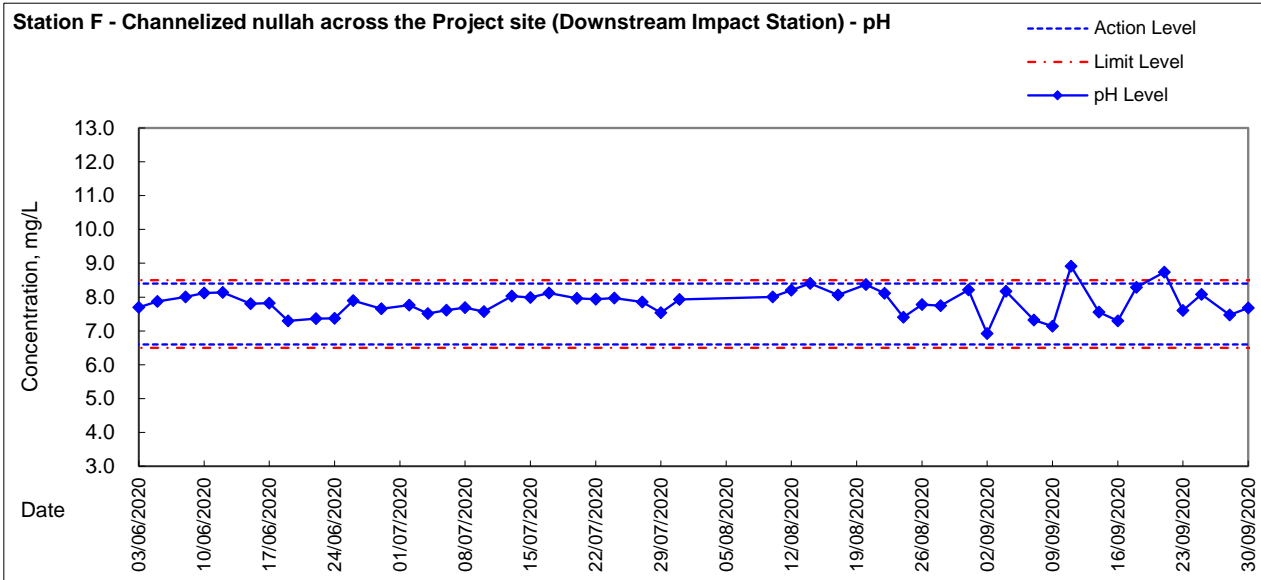


Graphic Presentation of WQM Result



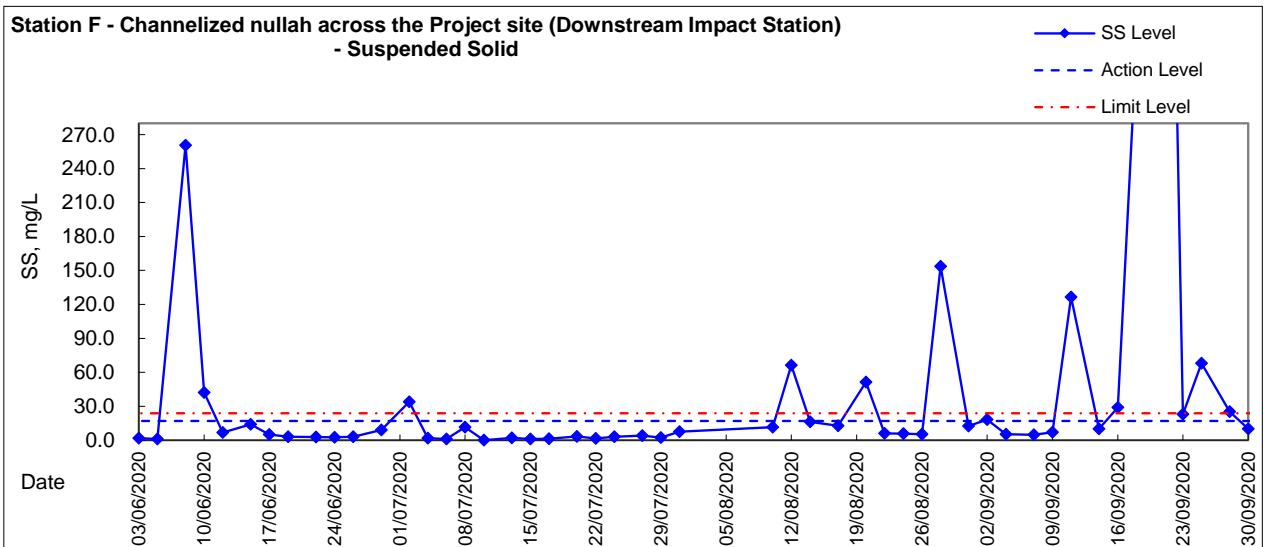
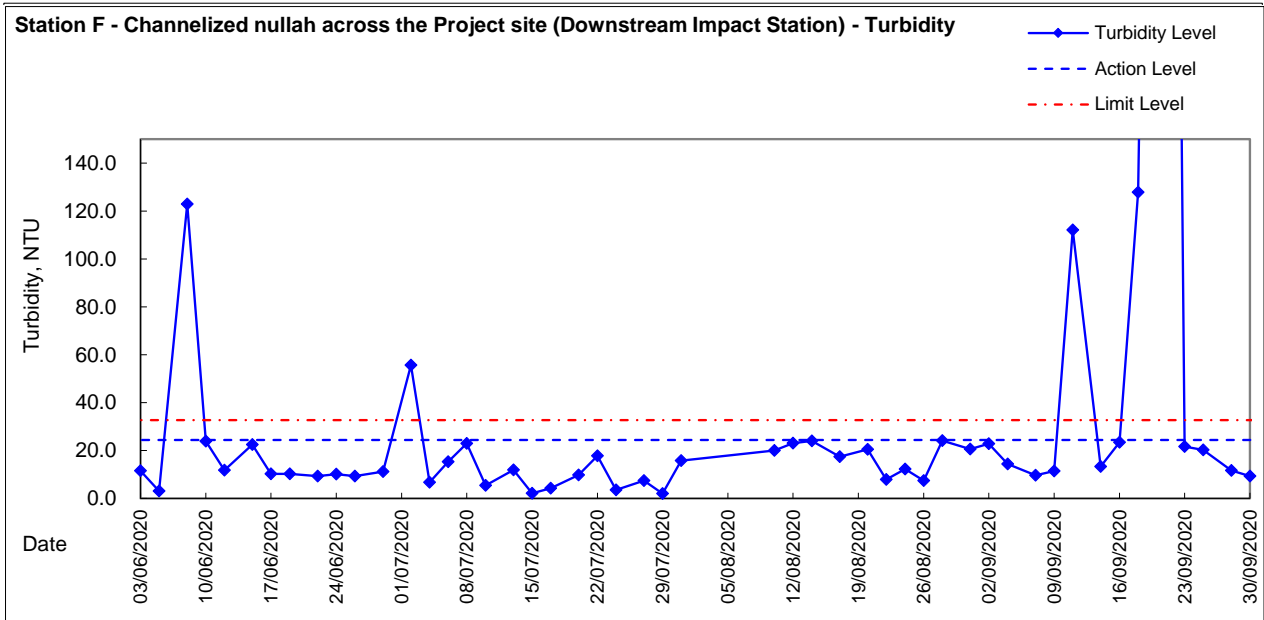


Graphic Presentation of WQM Result



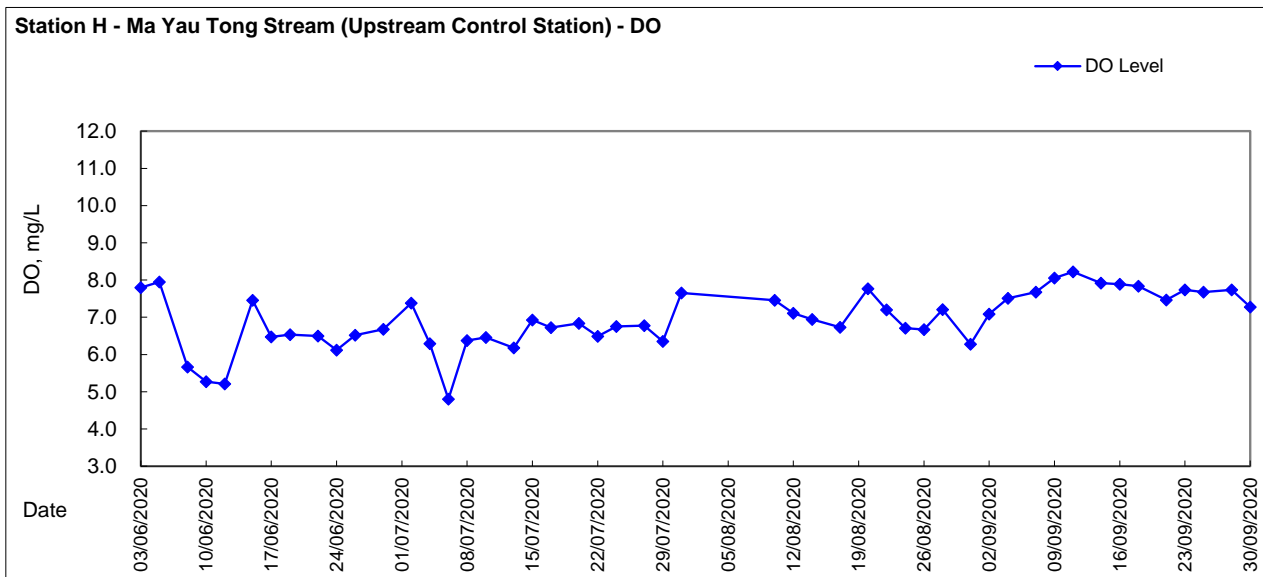
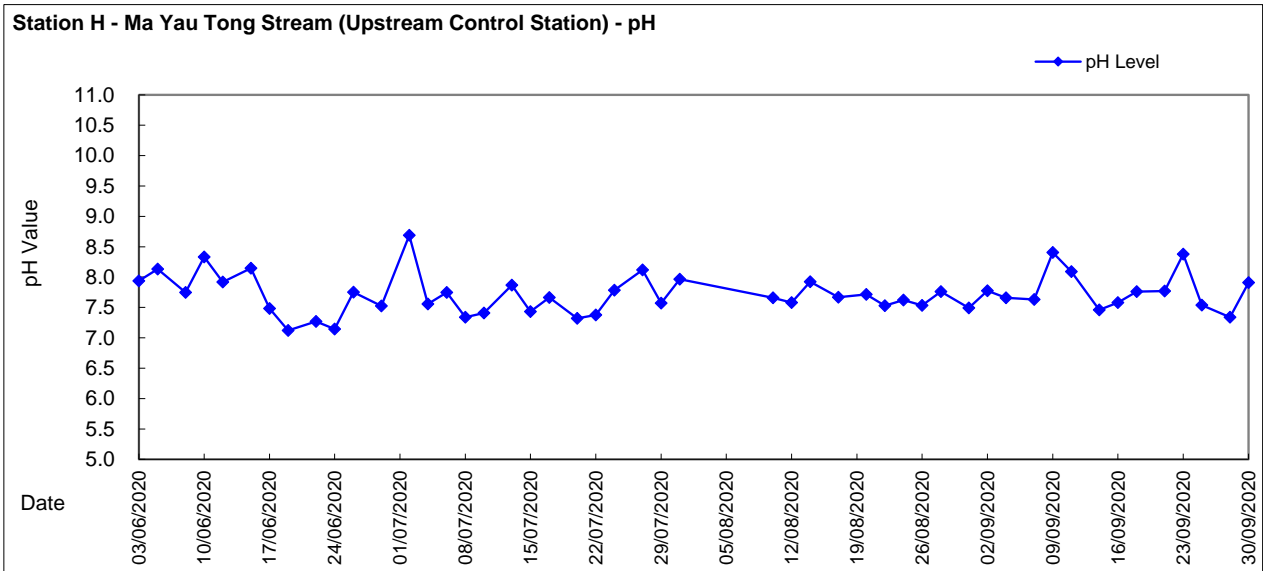


Graphic Presentation of WQM Result



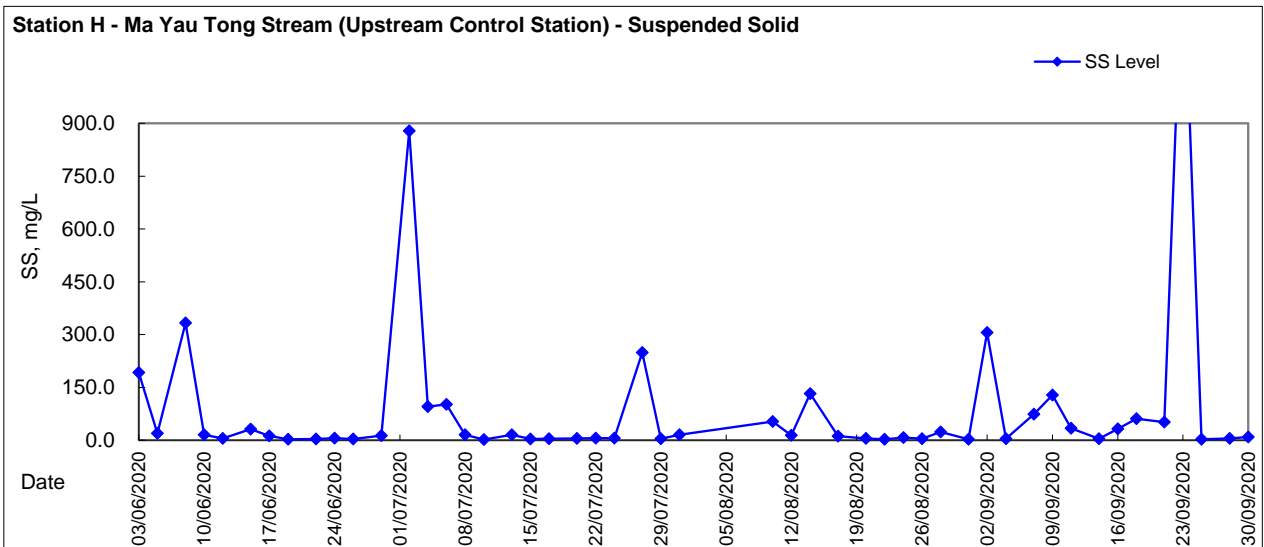
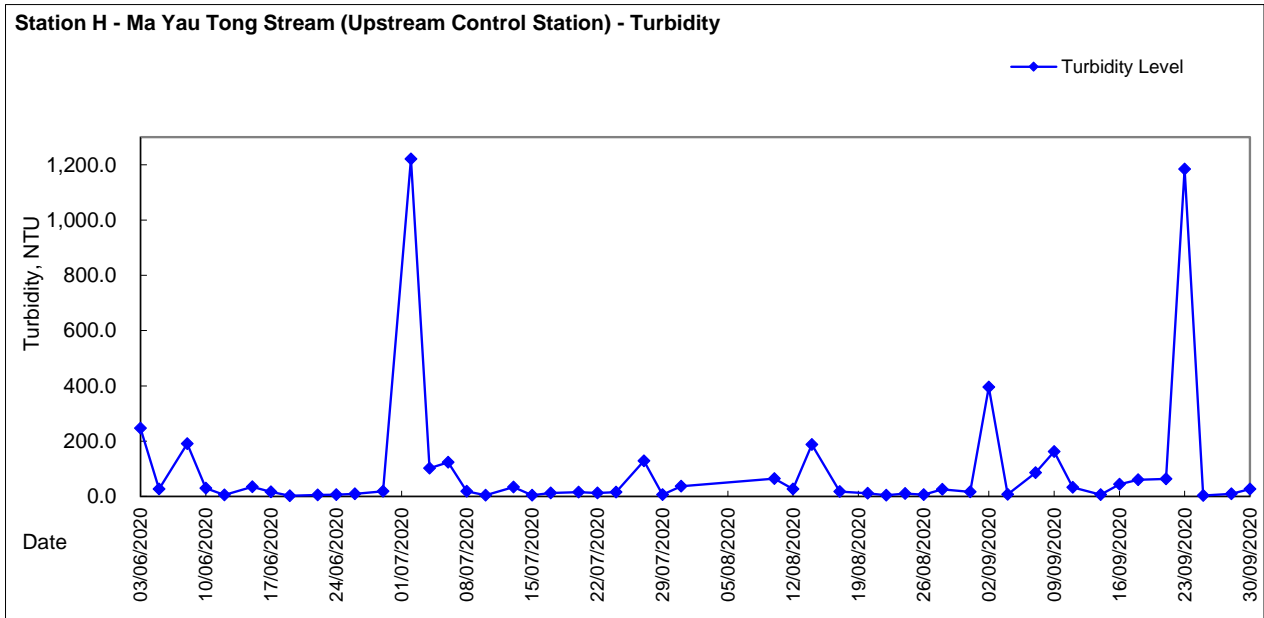


Graphic Presentation of WQM Result



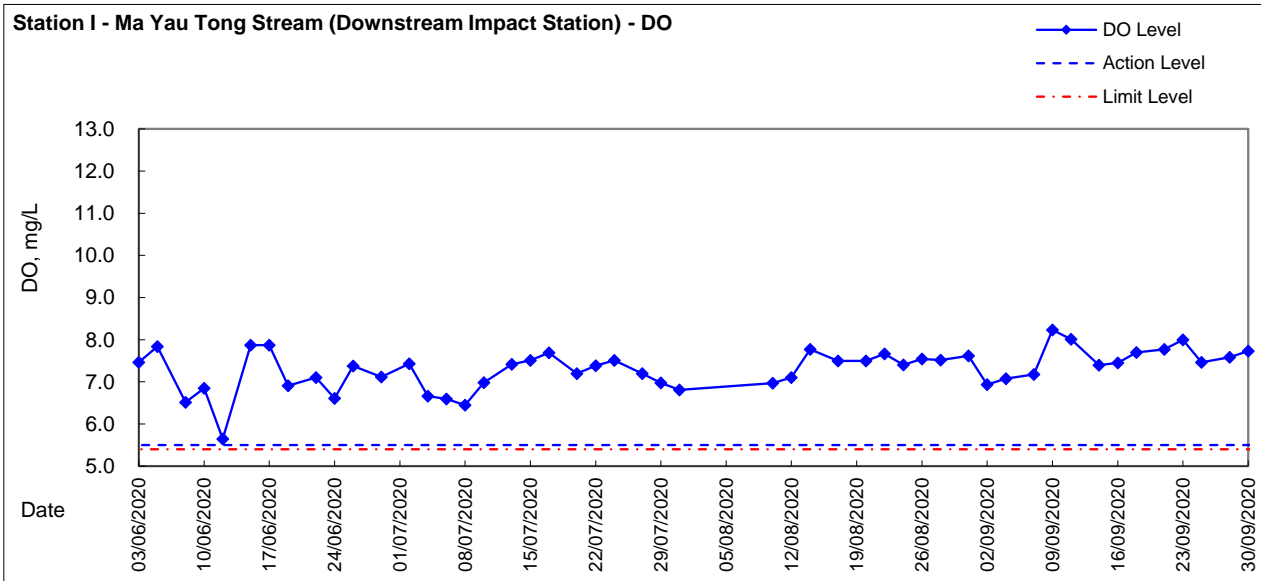
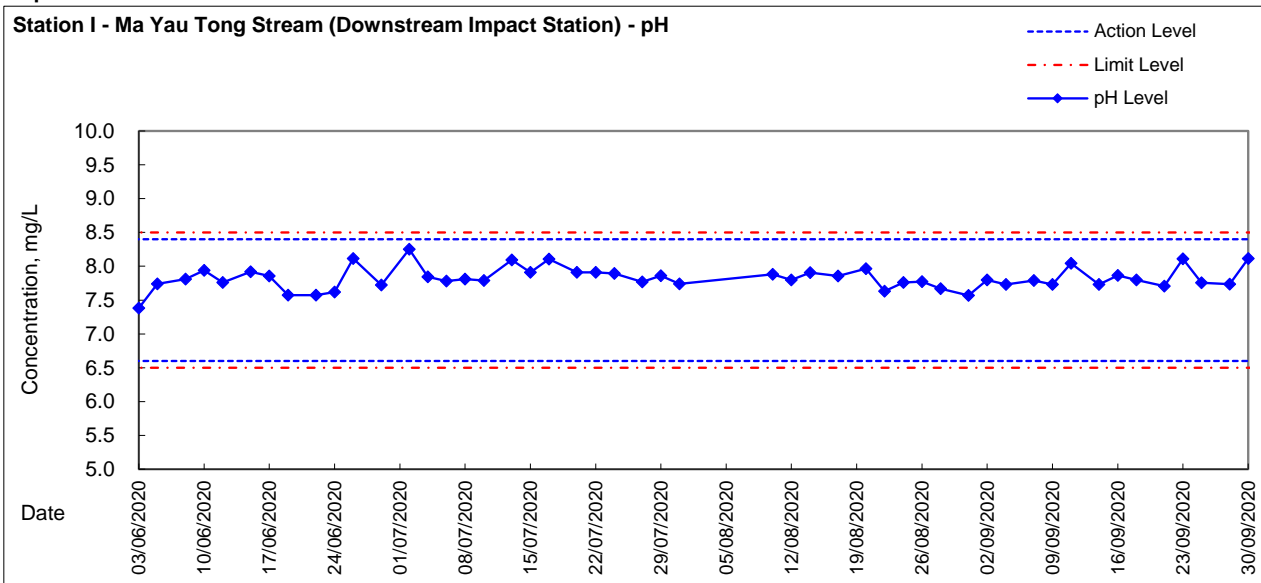


Graphic Presentation of WQM Result



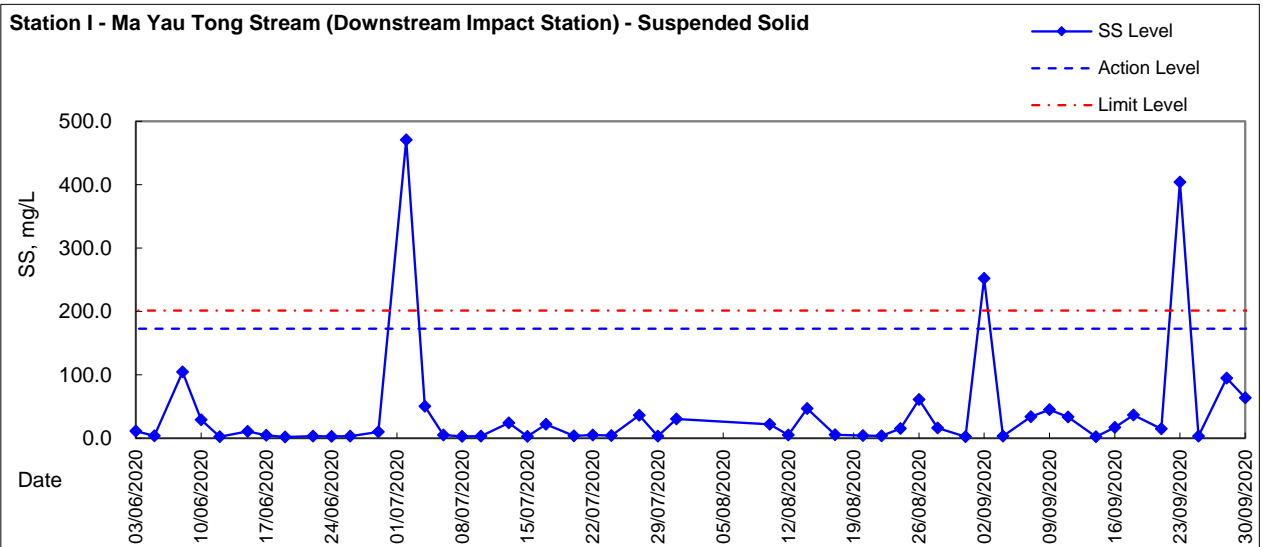
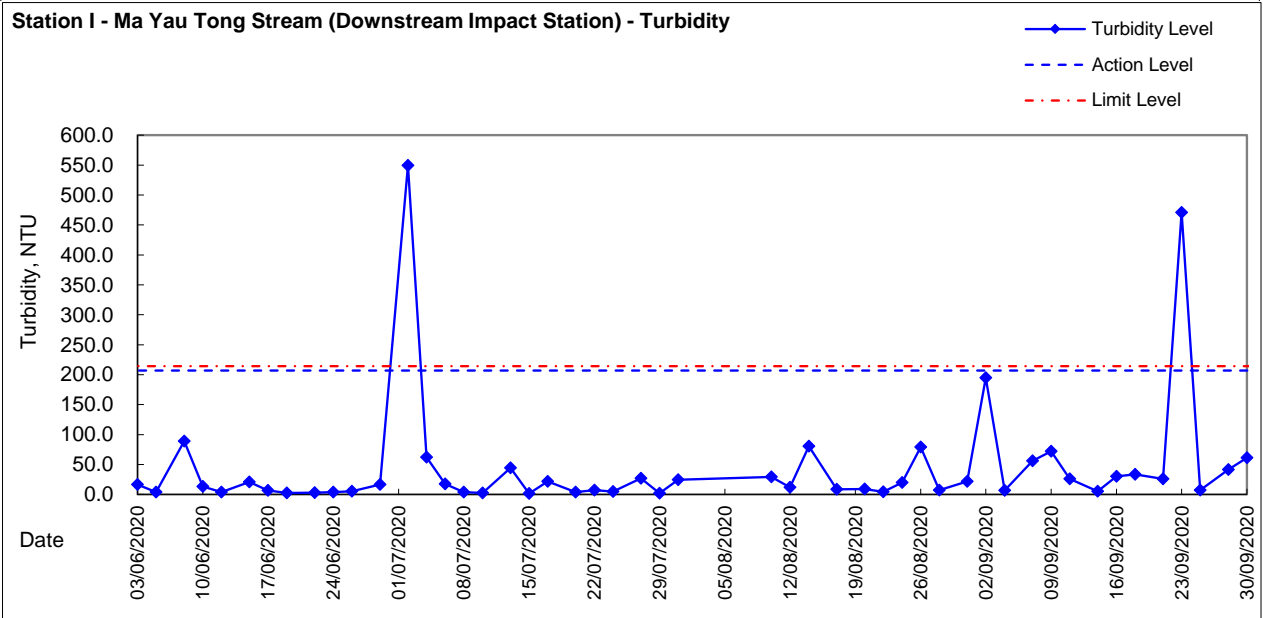


Graphic Presentation of WQM Result



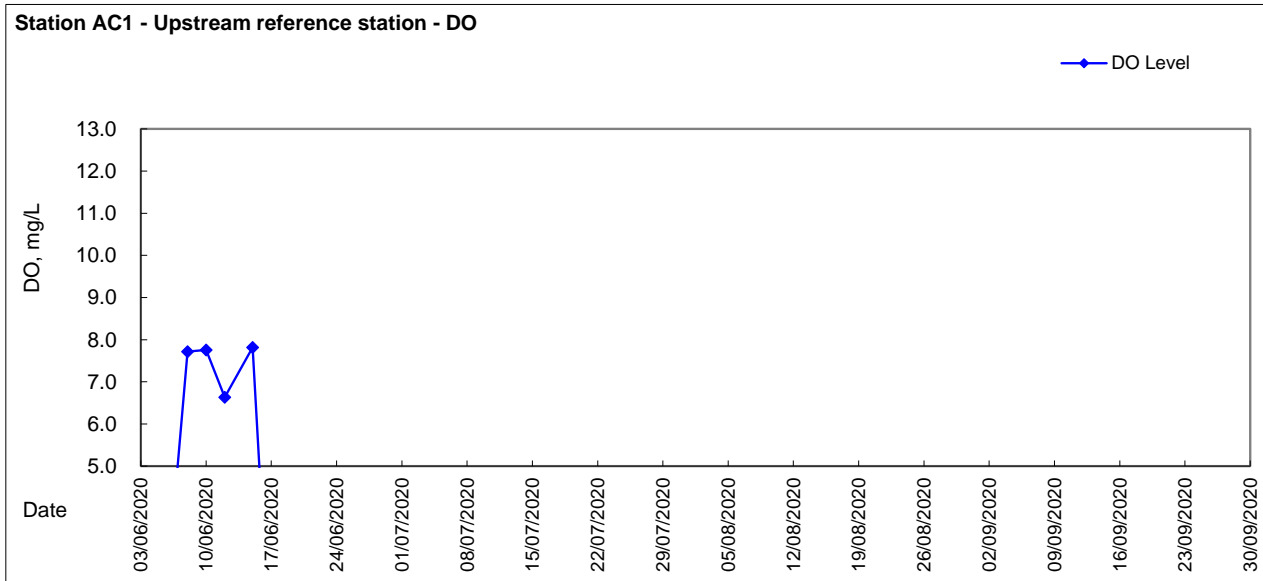
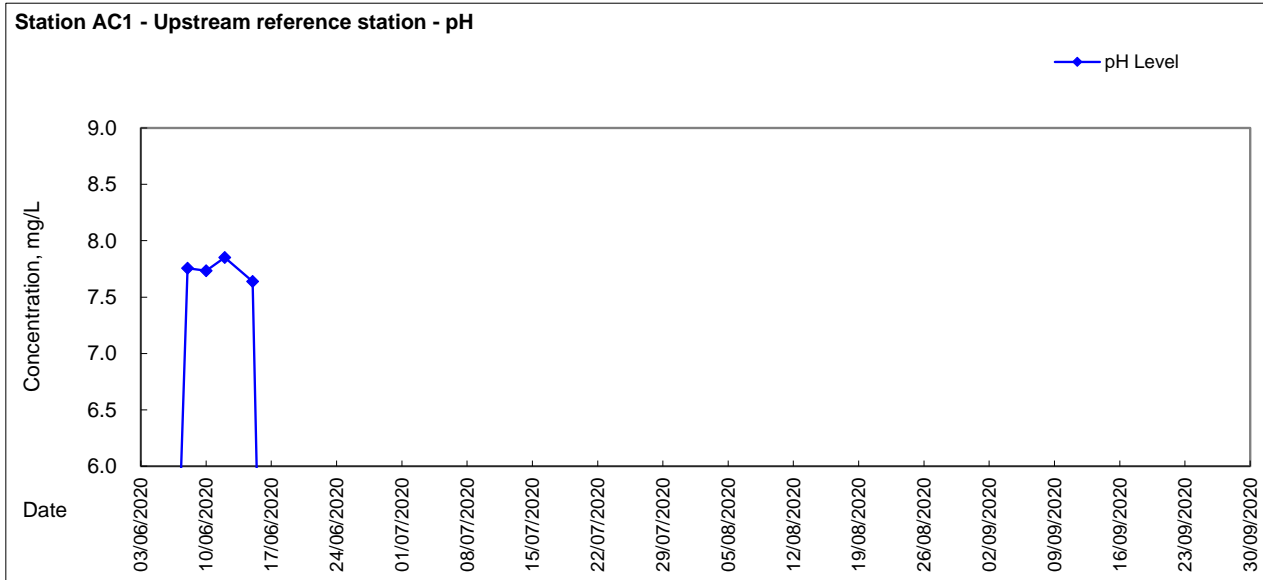


Graphic Presentation of WQM Result



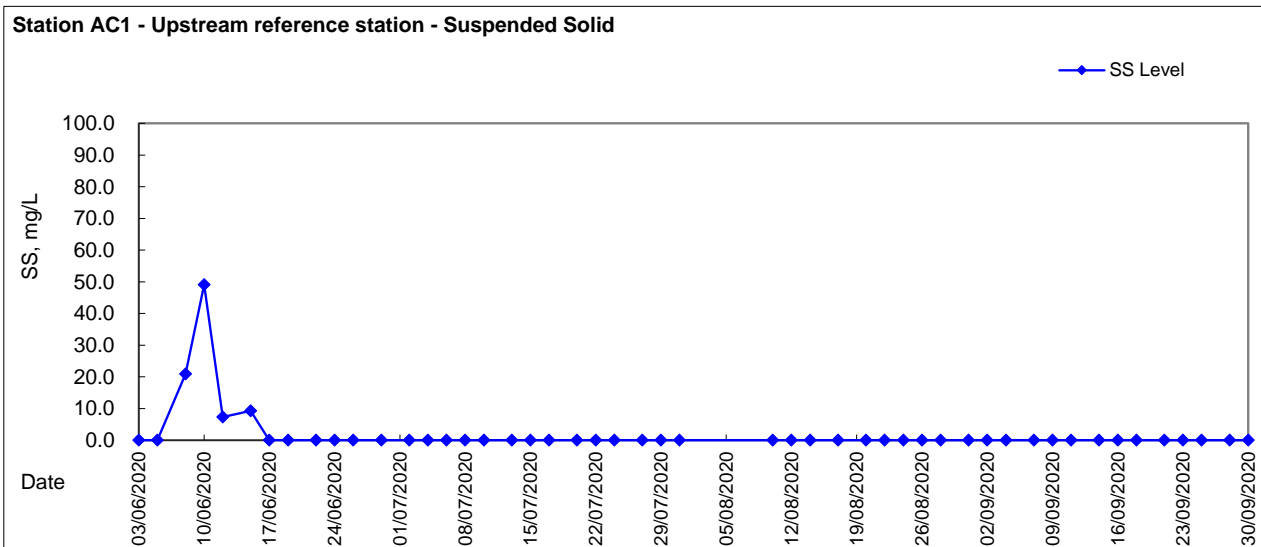
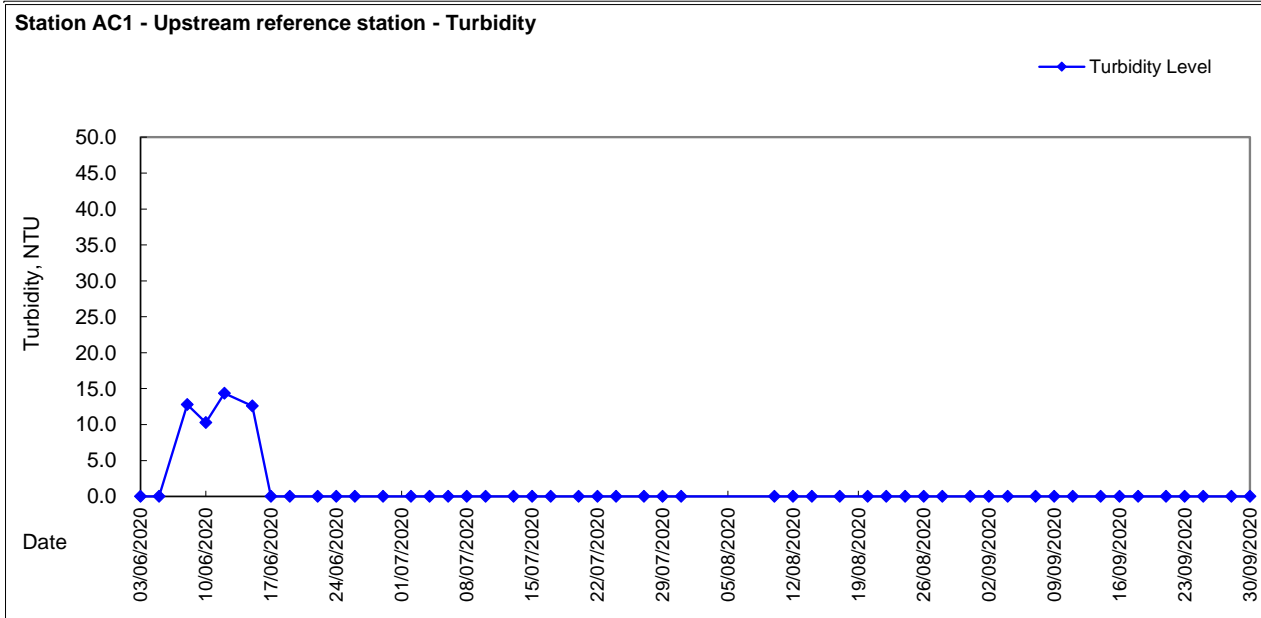


Graphic Presentation of WQM Result



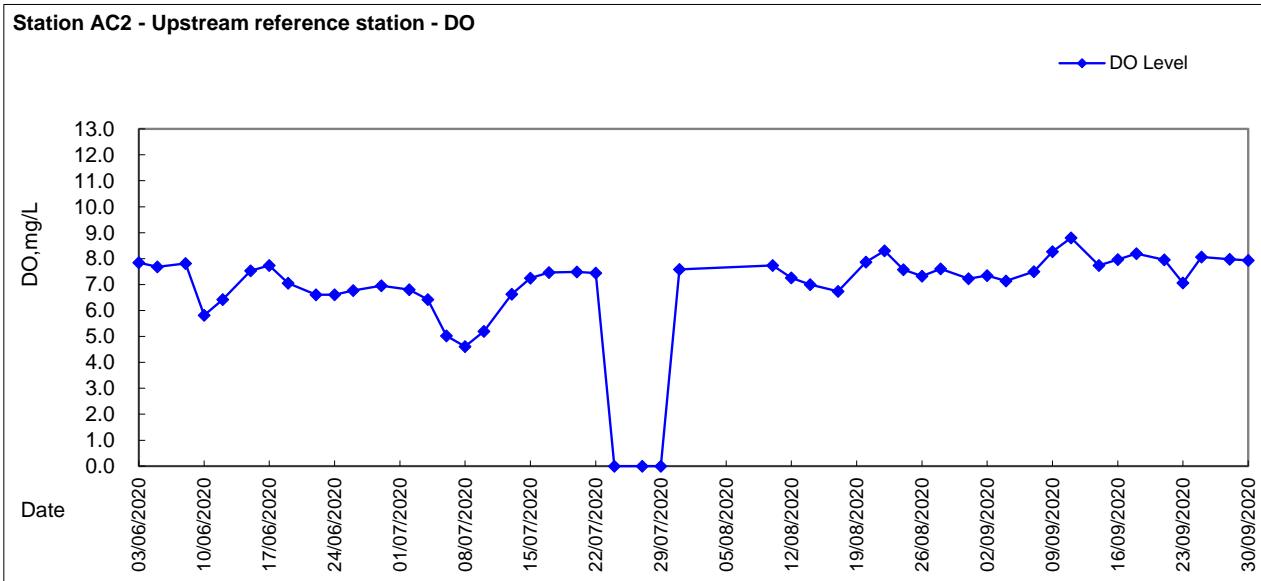
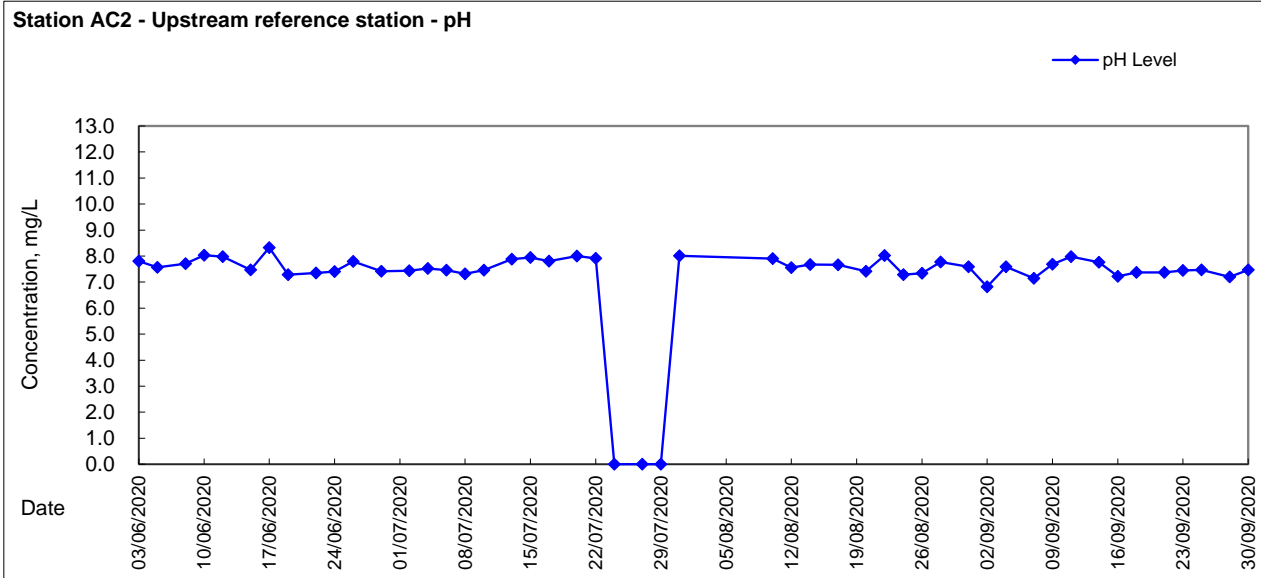


Graphic Presentation of WQM Result



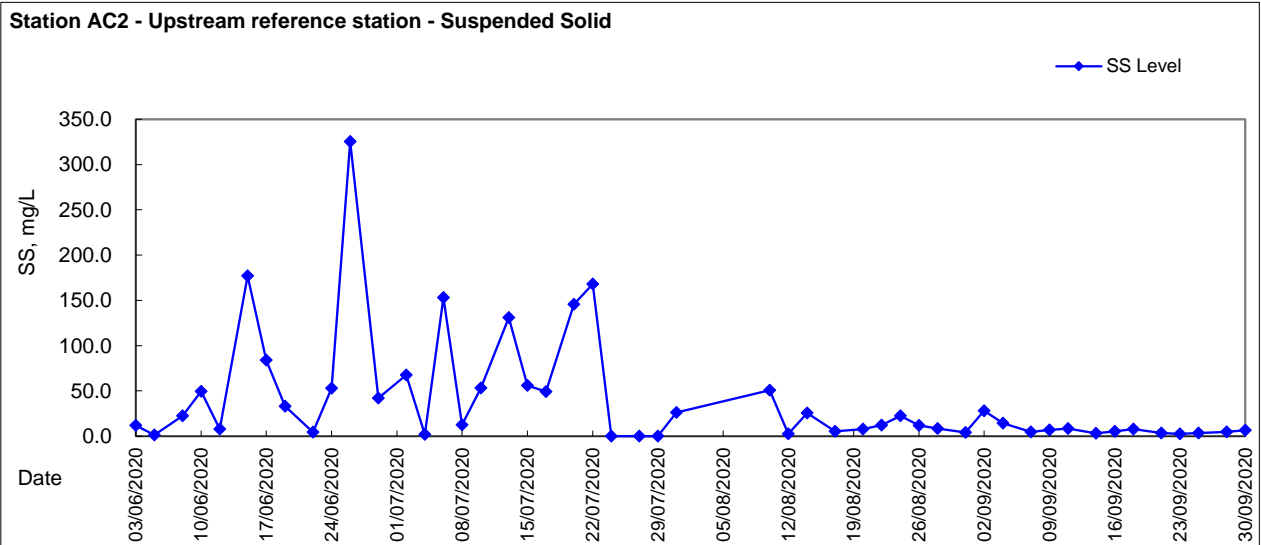
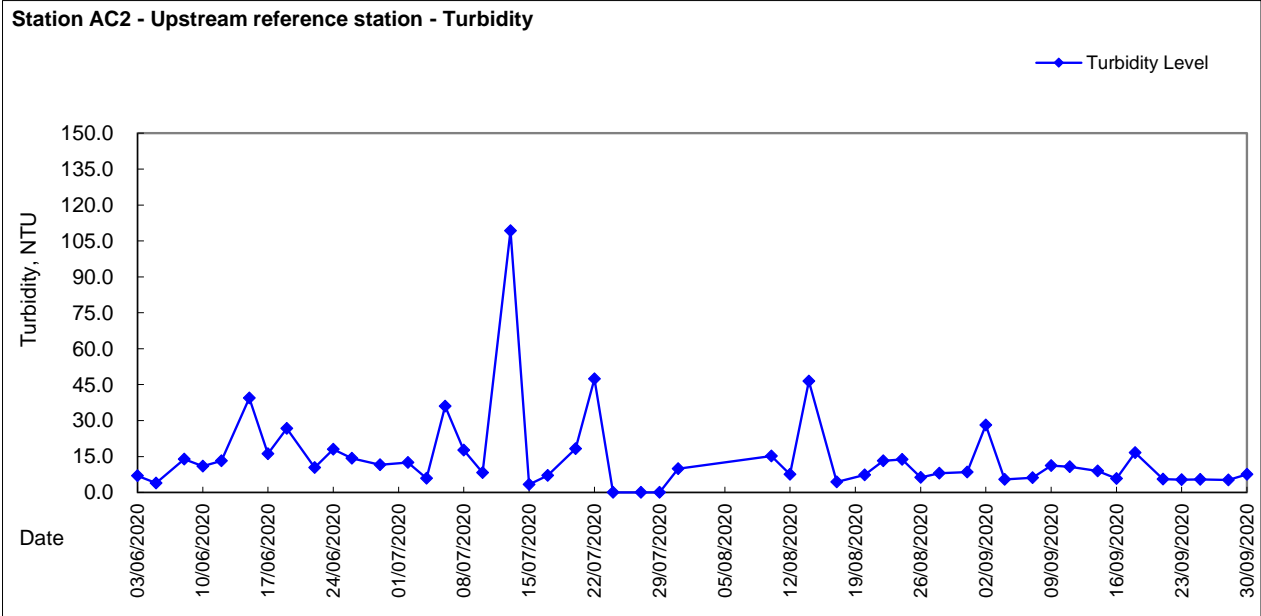


Graphic Presentation of WQM Result



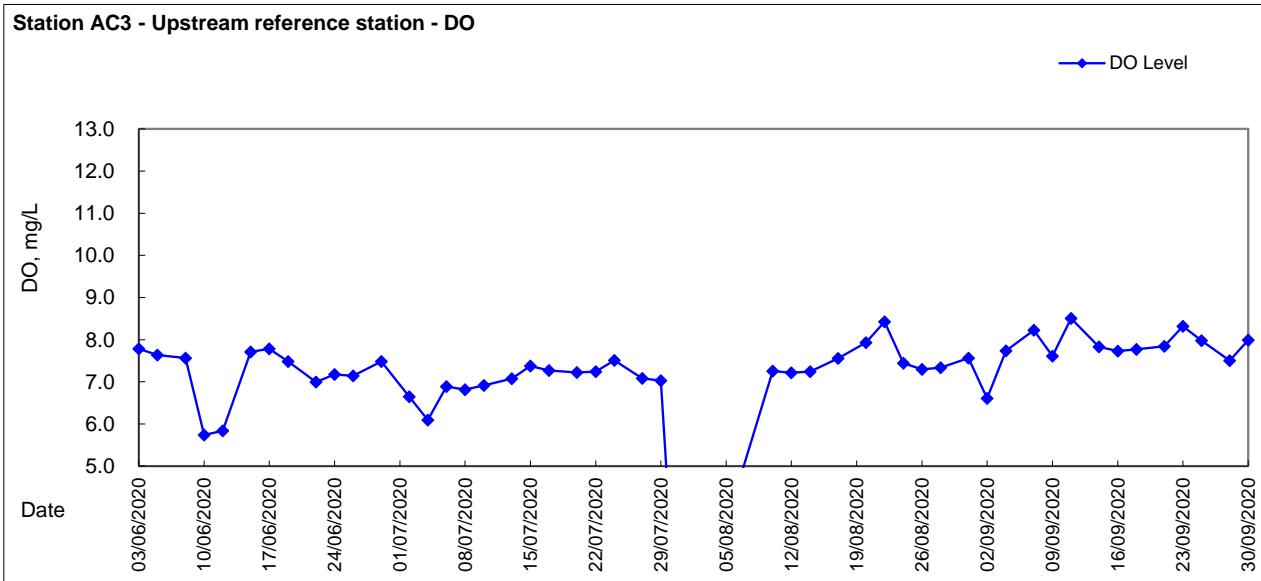
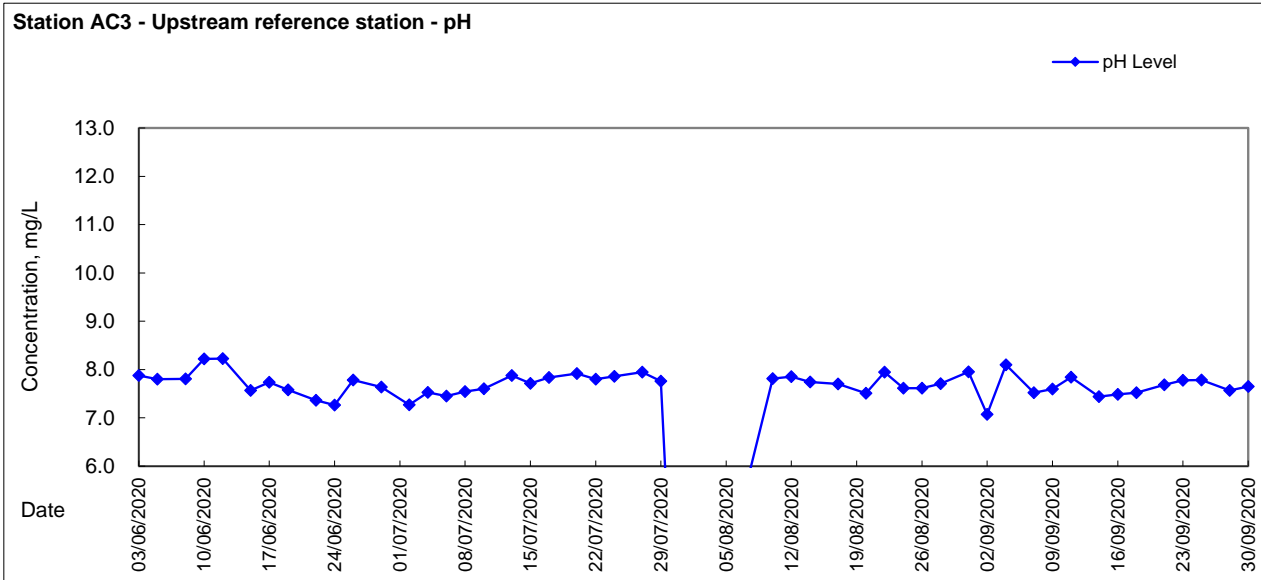


Graphic Presentation of WQM Result





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Graphic Presentation of WQM Result

