



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
02/09/2019	10:58	Rainy	Surface	26.30	26.30	26.40	8.13	8.13	8.1	0.04	0.04	0.04	89.6	88.7	89.13	7.58	7.47	7.5	19.68	19.68	19.7	10.1	9.7
	11:00			26.50	26.50		8.14	8.14		0.04	0.04		88.9	89.3		7.49	7.53		19.68	19.68		9.3	
04/09/2019	14:01	Rainy	Surface	24.90	24.90	25.00	8.29	8.29	8.3	0.05	0.05	0.05	88.8	89.7	90.63	7.25	7.32	7.4	22.13	22.13	22.1	6.3	6.2
	14:03			25.10	25.10		8.29	8.29		0.05	0.05		91.8	92.2		7.49	7.52		22.13	22.13		6.1	
06/09/2009	09:25	Fine	Surface	25.30	25.30	25.45	8.98	8.98	9.0	0.02	0.02	0.03	97.6	97.7	97.25	7.99	8.00	7.9	8.02	8.02	8.0	7.8	8.4
	09:27			25.60	25.60		8.98	8.98		0.03	0.03		97.5	96.2		7.98	7.81		8.02	8.02		8.9	
09/09/2019	12:47	Fine	Surface	26.10	26.10	26.15	8.01	8.01	8.0	0.06	0.06	0.06	83.6	83.4	83.23	6.88	6.86	6.8	14.09	14.09	14.1	34.8	32.7
	12:49			26.20	26.20		8.01	8.01		0.06	0.06		83.2	82.7		6.84	6.79		14.09	14.09		30.5	
11/09/2019	10:10	Fine	Surface	26.70	26.70	26.80	7.06	7.06	7.0	0.03	0.03	0.03	93.8	93.6	94.35	7.49	7.47	7.5	20.67	20.68	20.6	35.6	33.9
	10:12			26.90	26.90		7.02	7.02		0.03	0.03		95.2	94.8		7.50	7.45		20.57	20.58		32.2	
13/09/2019	09:45	Fine	Surface	28.30	28.30	28.35	8.44	8.44	8.4	0.07	0.07	0.07	85.8	86.1	86.38	7.28	7.31	7.3	11.85	11.85	11.9	4.9	5.4
	09:47			28.40	28.40		8.44	8.44		0.07	0.07		86.6	87.0		7.36	7.40		11.85	11.85		5.9	
16/09/2019	13:35	Fine	Surface	27.50	27.50	27.65	9.20	9.20	9.2	0.02	0.02	0.02	96.8	97.5	96.85	7.64	7.68	7.6	10.62	10.45	10.4	5.4	5.9
	13:37			27.80	27.80		9.19	9.19		0.02	0.02		96.7	96.4		7.62	7.62		10.32	10.24		6.4	
18/09/2019	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-		-	-		-	-		-	-		-	-		-	-			
20/09/2019	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-		-	-		-	-		-	-		-	-		-				
23/09/2019	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-		-	-		-	-		-	-		-	-						
25/09/2019	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-		-	-		-	-		-	-		-	-						
27/09/2019	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-
	-			-	-		-	-		-	-		-	-		-	-		0				
30/09/2019	-	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	Average		Value	Average		Value	Average		Value	Average		Value	Average		Value	Average		Value	Average
02/09/2019	11:18	Rainy	Surface	26.60	26.60	26.65	8.26	8.26	8.3	0.13	0.13	0.13	93.6	93.8	94.13	7.69	7.71	7.7	22.94	22.94	22.9	10.0	8.9
	11:20			26.70	26.70		8.26	8.26		0.13	0.13		94.5	94.6		7.77	7.78		22.94	22.94		7.8	
04/09/2019	14:20	Rainy	Surface	25.10	25.10	25.15	8.37	8.37	8.4	0.08	0.08	0.08	93.0	93.6	93.78	7.35	7.40	7.4	24.19	24.19	24.2	6.5	6.3
	14:22			25.20	25.20		8.38	8.38		0.08	0.08		94.0	94.5		7.42	7.48		24.19	24.19		6.1	
06/09/2009	09:40	Fine	Surface	25.40	25.40	25.50	8.35	8.35	8.3	0.05	0.05	0.06	91.3	93.0	91.98	7.47	7.61	7.5	17.00	17.00	17.0	19.7	<u>18.7</u>
	09:42			25.60	25.60		8.33	8.33		0.06	0.06		90.6	93.0		7.41	7.61		17.00	17.10		17.7	
09/09/2019	13:06	Fine	Surface	25.90	25.90	26.00	8.16	8.16	8.2	0.16	0.16	0.16	85.4	85.8	86.33	7.06	7.10	7.1	19.85	19.85	19.9	36.2	<u>33.9</u>
	13:08			26.10	26.10		8.16	8.16		0.16	0.16		86.9	87.2		7.11	7.13		19.85	19.85		31.6	
11/09/2019	10:30	Fine	Surface	26.40	26.70	26.58	7.55	7.55	7.6	0.06	0.06	0.06	92.6	93.6	87.93	7.45	7.52	7.5	5.13	5.13	5.1	3.5	4.0
	10:32			26.60	26.60		7.61	7.61		0.06	0.06		73.3	92.2		7.50	7.41		5.13	5.12		4.4	
13/09/2019	10:02	Fine	Surface	28.10	28.10	28.15	8.28	8.28	8.3	0.09	0.09	0.09	80.2	80.9	81.03	6.72	6.79	6.8	16.52	16.52	16.5	5.4	5.3
	10:04			28.20	28.20		8.28	8.28		0.09	0.09		81.3	81.7		6.83	6.87		16.52	16.52		5.2	
16/09/2019	13:55	Fine	Surface	27.20	27.20	27.25	8.44	8.44	8.4	0.11	0.11	0.11	89.4	90.3	89.90	7.10	7.16	7.1	13.96	13.96	14.0	6.6	6.9
	13:57			27.30	27.30		8.44	8.44		0.11	0.11		90.1	89.8		7.15	7.12		13.96	13.96		7.2	
18/09/2019	11:32	Fine	Surface	28.10	28.10	28.20	7.98	7.98	8.0	0.13	0.13	0.13	78.9	79.7	80.05	5.72	5.80	5.8	15.57	15.57	15.6	5.0	4.6
	11:34			28.30	28.30		7.98	7.98		0.13	0.13		80.4	81.2		5.87	5.95		15.57	15.57		4.2	
20/09/2019	12:05	Fine	Surface	25.20	25.20	25.30	8.03	8.03	8.0	0.03	0.03	0.03	84.2	84.0	84.33	6.11	6.10	6.1	14.97	14.97	15.0	<0.1	<u>0.1</u>
	12:07			25.40	25.40		8.03	8.03		0.03	0.03		84.6	84.5		6.13	6.12		14.97	14.97		<0.1	
23/09/2019	10:15	Fine	Surface	25.00	25.00	25.15	7.57	7.57	7.5	0.09	0.09	0.10	98.9	99.0	99.03	8.14	8.14	8.1	5.90	5.86	5.9	5.3	4.9
	10:17			25.30	25.30		7.50	7.50		0.10	0.10		99.3	98.9		8.15	8.11		5.87	5.84		4.5	
25/09/2019	09:30	Fine	Surface	25.30	25.30	25.35	7.68	7.68	7.7	0.10	0.10	0.10	97.2	97.1	96.78	7.98	7.97	7.9	5.82	5.78	5.8	1.5	1.7
	09:32			25.40	25.40		7.68	7.68		0.10	0.10		96.6	96.2		7.88	7.88		5.77	5.77		1.8	
27/09/2019	13:45	Fine	Surface	26.90	26.90	27.15	7.62	7.62	7.6	0.13	0.13	0.14	96.1	97.7	97.28	7.63	7.74	7.7	9.04	9.03	9.0	3.9	3.8
	13:47			27.40	27.40		7.65	7.65		0.14	0.14		97.6	97.7		7.73	7.73		9.03	9.03		3.6	
30/09/2019	11:03	Fine	Surface	27.90	27.90	27.95	8.26	8.26	8.3	0.10	0.10	0.10	86.8	87.6	87.73	6.38	6.46	6.5	12.29	12.29	12.3	1.4	1.4
	11:05			28.00	28.00		8.26	8.26		0.1	0.1		88	88.5		6.5	6.55		12.29	12.29		1.3	

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
02/09/2019	11:45	Rainy	Surface	25.80	25.80	25.85	8.42	8.42	8.4	0.11	0.11	0.11	97.2	97.7	97.73	8.06	8.11	8.1	36.49	36.49	36.5	8.9	9.3	
	11:47			25.90	25.90		8.42	8.42		0.11	0.11		97.9	98.1		8.13	8.15		36.49	36.49		9.7		
04/09/2019	13:44	Rainy	Surface	24.30	24.30	24.35	8.32	8.32	8.3	0.09	0.09	0.09	87.9	88.6	88.75	7.35	7.40	7.4	43.60	43.60	43.6	83.2	78.5	
	13:46			24.40	24.40		8.32	8.32		0.09	0.09		89.2	89.3		7.42	7.48		43.62	43.62		73.8		
06/09/2009	10:15	Fine	Surface	24.70	24.70	24.80	8.45	8.45	8.5	0.09	0.09	0.09	87.4	87.7	88.28	7.21	7.24	7.3	46.80	46.80	46.8	41.9	44.5	
	10:17			24.90	24.90		8.45	8.45		0.09	0.09		88.9	89.1		7.36	7.38		46.80	46.80		47.1		
09/09/2019	13:33	Fine	Surface	26.80	26.80	26.85	8.37	8.37	8.4	0.04	0.04	0.04	87.3	87.4	87.48	7.25	7.26	7.3	39.51	39.51	39.5	49.2	33.4	
	13:35			26.90	26.90		8.37	8.37		0.04	0.04		87.4	87.8		7.26	7.30		39.54	39.54		17.5		
11/09/2019	11:40	Fine	Surface	27.80	27.80	27.80	8.31	8.31	8.3	0.22	0.22	0.23	96.0	95.3	95.48	7.52	7.45	7.5	42.28	42.28	42.3	17.6	18.1	
	11:42			27.80	27.80		8.32	8.32		0.23	0.23		95.4	95.2		7.47	7.45		42.28	42.28		18.5		
13/09/2019	10:28	Fine	Surface	27.60	27.60	27.70	8.31	8.31	8.3	0.15	0.15	0.15	81.0	81.4	81.63	6.80	6.84	6.9	48.16	48.16	48.2	496.0	536.0	
	10:30			27.80	27.80		8.31	8.31		0.15	0.15		81.6	82.5		6.86	6.95		48.16	48.16		576.0		
16/09/2019	14:20	Fine	Surface	28.30	28.30	28.35	8.20	8.20	8.2	0.44	0.44	0.44	89.7	90.5	90.05	6.97	7.05	7.0	64.63	64.63	64.6	56.0	56.4	
	14:22			28.40	28.40		8.20	8.20		0.44	0.44		90.8	89.2		7.05	6.92		64.63	64.63		56.8		
18/09/2019	12:07	Fine	Surface	28.40	28.40	28.45	7.85	7.85	7.9	0.10	0.10	0.10	73.6	73.8	74.08	5.19	5.21	5.2	57.69	57.69	57.7	11.6	12.2	
	12:09			28.50	28.50		7.85	7.85		0.10	0.10		74.3	74.6		5.26	5.29		57.69	57.69		12.8		
20/09/2019	12:26	Fine	Surface	25.30	25.30	25.35	8.07	8.07	8.1	0.05	0.05	0.05	80.2	81.0	81.18	5.72	5.80	5.8	38.99	38.99	39.0	53.7	52.0	
	12:28			25.40	25.40		8.07	8.07		0.05	0.05		81.5	82.0		5.85	5.90		38.99	38.99		50.3		
23/09/2019	14:05	Fine	Surface	26.80	26.80	26.80	7.22	7.22	7.3	0.84	0.84	0.84	92.2	91.8	91.85	7.30	7.23	7.3	18.65	18.65	18.7	9.4	9.9	
	14:07			26.80	26.80		7.30	7.30		0.84	0.84		91.8	91.6		7.25	7.24		18.65	18.65		10.3		
25/09/2019	10:07	Fine	Surface	25.50	25.50	25.50	7.39	7.39	7.4	0.42	0.42	0.42	95.9	95.5	95.15	7.82	7.79	7.8	44.02	44.03	44.1	39.6	39.8	
	10:09			25.50	25.50		7.42	7.42		0.42	0.42		94.9	94.3		7.73	7.68		44.15	44.25		40.0		
27/09/2019	14:30	Fine	Surface	26.90	26.90	26.90	7.46	7.46	7.5	0.32	0.32	0.32	98.2	98.3	97.73	7.80	7.80	7.8	15.50	15.71	15.7	9.2	9.1	
	14:32			26.90	26.90		7.50	7.50		0.32	0.32		97.2	97.2		7.75	7.71		15.80	15.85		9.0		
30/09/2019	11:27	Fine	Surface	27.30	27.30	27.40	8.32	8.32	8.3	0.13	0.13	0.13	91.7	92.0	92.23	6.70	6.73	6.8	18.64	18.64	18.6	2.3	2.2	
	11:29			27.50	27.50		8.32	8.32		0.13	0.13		92.5	92.7		6.78	6.8		18.64	18.64		2.1		

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		
02/09/2019	11:54	Rainy	Surface	26.30	26.30	26.35	8.31	8.31	8.3	0.09	0.09	0.09	91.4	91.5	91.63	7.67	7.68	7.7	28.37	28.37	28.4	9.0	9.0
	11:56			26.40	26.40		8.33	8.33		0.09	0.09		91.7	91.9		7.70	7.72		28.37	28.37		9.0	
04/09/2019	13:31	Rainy	Surface	25.20	25.20	25.20	8.34	8.34	8.3	0.13	0.13	0.13	91.3	91.3	92.38	7.30	7.30	7.4	57.19	57.19	57.2	74.0	76.4
	13:33			25.20	25.20		8.34	8.34		0.13	0.13		93.2	93.7		7.45	7.49		57.19	57.19		78.8	
06/09/2009	10:31	Fine	Surface	25.10	25.10	25.10	8.41	8.41	8.4	0.12	0.12	0.12	90.4	90.6	90.65	7.57	7.59	7.6	61.70	61.70	61.7	49.7	49.6
	10:33			25.10	25.10		8.41	8.41		0.12	0.12		90.7	90.9		7.60	7.62		61.70	61.70		49.5	
09/09/2019	13:44	Fine	Surface	26.60	26.60	26.63	8.21	8.21	8.2	0.19	0.19	0.19	90.1	90.6	90.78	7.52	7.57	7.6	48.64	48.64	48.6	12.5	44.8
	13:46			26.80	26.50		8.21	8.21		0.19	0.19		90.8	91.6		7.59	7.67		48.64	48.64		77.1	
11/09/2019	12:00	Fine	Surface	27.80	27.80	27.90	8.05	8.05	8.0	0.14	0.14	0.14	92.2	93.1	93.45	7.22	7.25	7.3	13.98	13.99	14.0	11.1	11.2
	12:02			28.00	28.00		8.00	8.00		0.14	0.14		94.3	94.2		7.38	7.36		14.02	14.00		11.3	
13/09/2019	10:44	Fine	Surface	27.90	27.90	28.00	8.36	8.36	8.4	0.07	0.07	0.07	82.9	83.7	83.73	6.99	7.07	7.1	34.74	34.74	34.7	569.0	574.0
	10:46			28.10	28.10		8.36	8.36		0.07	0.07		83.9	84.4		7.09	7.14		34.74	34.74		579.0	
16/09/2019	14:35	Fine	Surface	28.40	28.40	28.50	8.02	8.02	8.0	0.81	0.81	0.81	84.6	87.4	87.08	6.54	6.75	6.7	17.14	17.11	17.1	6.5	6.2
	14:37			28.60	28.60		8.02	8.02		0.81	0.81		88.9	87.4		6.80	6.74		17.10	17.09		5.9	
18/09/2019	12:18	Fine	Surface	27.90	27.90	28.00	7.93	7.93	7.9	0.15	0.15	0.15	78.6	78.6	79.00	5.69	5.69	5.7	42.69	42.69	42.7	12.0	12.8
	12:20			28.10	28.10		7.93	7.93		0.15	0.15		79.2	79.6		5.75	5.79		42.69	42.69		13.5	
20/09/2019	12:38	Fine	Surface	25.50	25.50	25.55	7.92	7.92	7.9	0.05	0.05	0.05	91.2	92.1	92.28	6.65	6.74	6.8	36.25	36.25	36.3	54.2	52.6
	12:40			25.60	25.60		7.92	7.92		0.05	0.05		92.5	93.3		6.78	6.86		36.25	36.25		50.9	
23/09/2019	14:30	Fine	Surface	27.00	27.00	27.10	7.65	7.65	7.7	0.23	0.23	0.23	97.9	98.6	98.20	7.78	7.83	7.8	5.13	5.11	5.1	2.3	2.7
	14:32			27.20	27.20		7.67	7.67		0.23	0.23		98.1	98.2		7.79	7.78		5.11	5.08		3.1	
25/09/2019	10:26	Fine	Surface	26.20	26.20	26.20	7.47	7.47	7.5	0.21	0.21	0.21	94.4	94.2	94.45	7.61	7.60	7.6	8.67	8.64	8.7	2.5	2.5
	10:28			26.20	26.20		7.44	7.44		0.21	0.21		95.0	94.2		7.65	7.59		8.66	8.67		2.5	
27/09/2019	14:52	Fine	Surface	27.80	27.80	27.65	7.65	7.65	7.7	0.22	0.22	0.22	97.4	97.8	95.23	7.27	7.32	7.3	8.42	8.40	8.4	4.0	4.2
	14:54			27.50	27.50		7.65	7.65		0.22	0.22		92.4	93.3		7.36	7.35		8.46	8.47		4.3	
30/09/2019	11:36	Fine	Surface	27.20	27.20	27.25	7.89	7.89	7.9	0.14	0.14	0.14	80.5	81.2	81.55	5.67	5.70	5.7	21.60	21.60	21.6	2.4	2.4
	11:38			27.30	27.30		7.89	7.89		0.14	0.14		82.4	82.1		5.77	5.75		21.6	21.6		2.3	

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	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	Average
02/09/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04/09/2019	14:02	Rainy	Surface	24.60	24.60	24.65	8.16	8.16	8.2	0.06	0.06	0.06	87.8	88.3	88.43	6.77	6.82	6.8	13.48	13.48	13.5	6	6.5
	14:04			24.70	24.70		8.16	8.16		0.06	0.06		88.7	88.9		6.87	6.89		13.48	13.48		6.9	
06/09/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/09/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/09/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13/09/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16/09/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/09/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/09/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/09/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25/09/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27/09/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30/09/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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	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	Average
				02/09/2019	11:06	Rainy	Surface	26.10	26.10	26.15	8.09	8.09	8.1	0.03	0.03	0.03	85.8	86.0	86.35	7.16	7.18	7.2	23.16
	11:08	26.20	26.20	8.09	8.09			0.03	0.03		86.9	86.7		7.27	7.25		23.16	23.16		9.5			
04/09/2019	14:08	Rainy	Surface	24.50	24.50	24.50	8.11	8.11	8.1	0.05	0.05	0.05	88.8	89.7	90.63	7.25	7.32	7.4	22.07	22.07	22.1	4.5	4.1
	14:10			24.50	24.50		8.11	8.11		0.05	0.05		91.8	92.2		7.49	7.52		22.07	22.07		3.6	
06/09/2009	09:35	Fine	Surface	24.90	24.90	25.05	8.84	8.84	8.8	0.06	0.06	0.06	92.1	93.5	92.83	7.55	7.72	7.7	7.03	7.03	7.0	14.4	15.5
	09:37			25.20	25.20		8.84	8.84		0.06	0.06		93.1	92.6		7.69	7.64		7.03	7.03		16.6	
09/09/2019	12:54	Fine	Surface	26.40	26.40	26.45	7.87	7.87	7.9	0.06	0.06	0.06	78.5	78.8	79.08	6.27	6.31	6.3	16.84	16.84	16.8	31.8	42.3
	12:56			26.50	26.50		7.87	7.87		0.06	0.06		79.3	79.7		6.36	6.41		16.84	16.84		52.8	
11/09/2019	10:35	Fine	Surface	26.60	26.60	26.70	10.65	10.65	10.7	0.47	0.47	0.47	92.5	92.1	92.63	7.42	7.36	7.4	18.65	18.65	18.7	128.0	98.2
	10:37			26.80	26.80		10.67	10.67		0.47	0.47		92.7	93.2		7.40	7.44		18.65	18.65		68.3	
13/09/2019	09:53	Fine	Surface	27.50	27.50	27.60	8.43	8.43	8.4	0.04	0.04	0.04	83.8	83.8	84.03	7.08	7.08	7.1	11.64	11.64	11.6	5	4.5
	09:55			27.70	27.70		8.43	8.43		0.04	0.04		84.2	84.3		7.12	7.13		11.65	11.65		4	
16/09/2019	13:45	Fine	Surface	26.70	26.70	26.85	9.03	9.03	9.0	0.06	0.06	0.06	89.1	89.3	88.88	7.14	7.15	7.1	10.78	10.00	9.8	153.0	92.2
	13:47			27.00	27.00		9.02	9.02		0.06	0.06		88.8	88.3		7.10	7.06		9.16	9.12		31.4	
18/09/2019	11:25	Fine	Surface	28.00	28.00	28.10	8.41	8.41	8.4	0.13	0.13	0.13	82.1	82.3	82.88	5.91	5.93	6.0	9.47	9.47	9.5	4.9	5.2
	11:27			28.20	28.20		8.41	8.41		0.13	0.13		83.1	84.0		6.01	6.10		9.47	9.47		5.4	
20/09/2019	11:56	Fine	Surface	24.70	24.70	24.75	8.33	8.33	8.3	0.05	0.05	0.05	77.3	77.9	78.05	5.56	5.62	5.6	11.87	11.87	11.9	1.7	2.0
	11:58			24.80	24.80		8.33	8.33		0.05	0.05		78.4	78.6		5.67	5.69		11.87	11.87		2.2	
23/09/2019	10:45	Fine	Surface	24.80	24.80	24.80	7.67	7.67	7.7	0.06	0.06	0.06	94.9	95.0	94.08	7.86	7.87	7.8	6.69	6.71	6.7	3.8	3.3
	10:47			24.80	24.80		7.66	7.66		0.06	0.06		93.0	93.4		7.67	7.70		6.71	6.72		2.8	
25/09/2019	09:50	Fine	Surface	24.70	24.70	24.75	8.04	8.04	8.0	0.06	0.06	0.06	94.0	94.3	94.35	7.80	7.82	7.8	9.56	9.56	9.6	13.8	14.0
	09:52			24.80	24.80		8.00	8.00		0.06	0.06		94.4	94.7		7.83	7.85		9.72	9.74		14.1	
27/09/2019	14:00	Fine	Surface	25.30	25.30	25.40	7.74	7.73	7.8	0.07	0.07	0.07	91.0	91.1	91.33	7.47	7.47	7.5	10.61	10.61	10.6	10.6	10.8
	14:02			25.50	25.50		7.77	7.78		0.07	0.07		91.0	92.2		7.46	7.56		10.61	10.61		11	
30/09/2019	10:54	Fine	Surface	26.90	26.90	27.00	8.05	8.05	8.1	0.06	0.06	0.06	87.4	87.4	87.60	6.44	6.44	6.5	10.09	10.09	10.1	2.0	2.1
	10:56			27.10	27.10		8.05	8.05		0.06	0.06		87.5	88.1		6.45	6.51		10.09	10.09		2.1	

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)

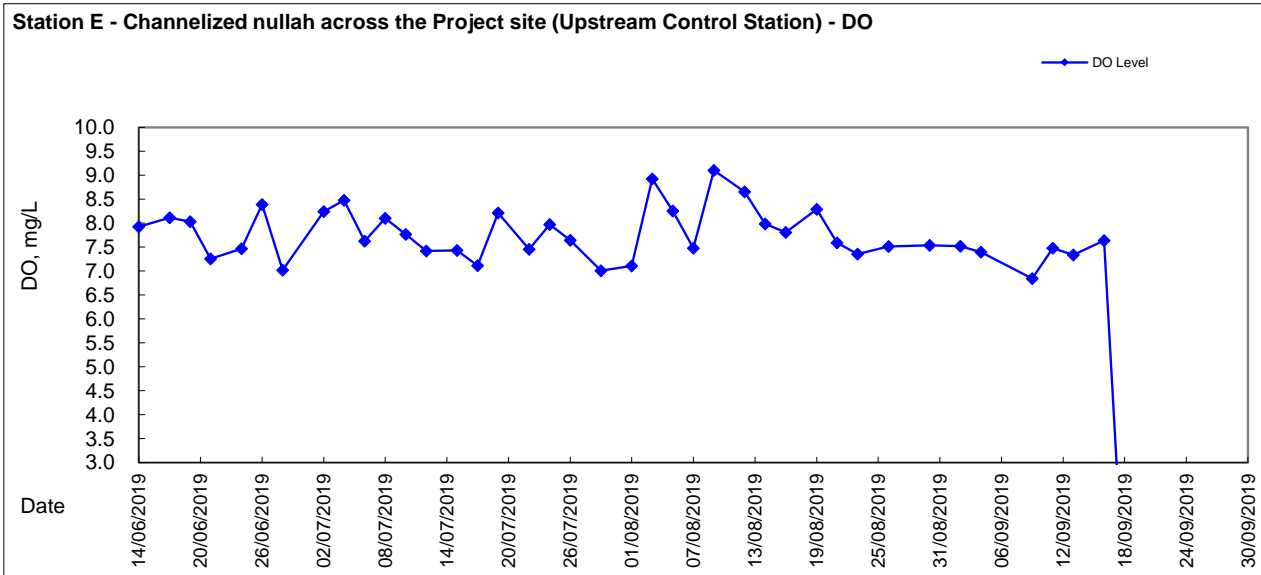
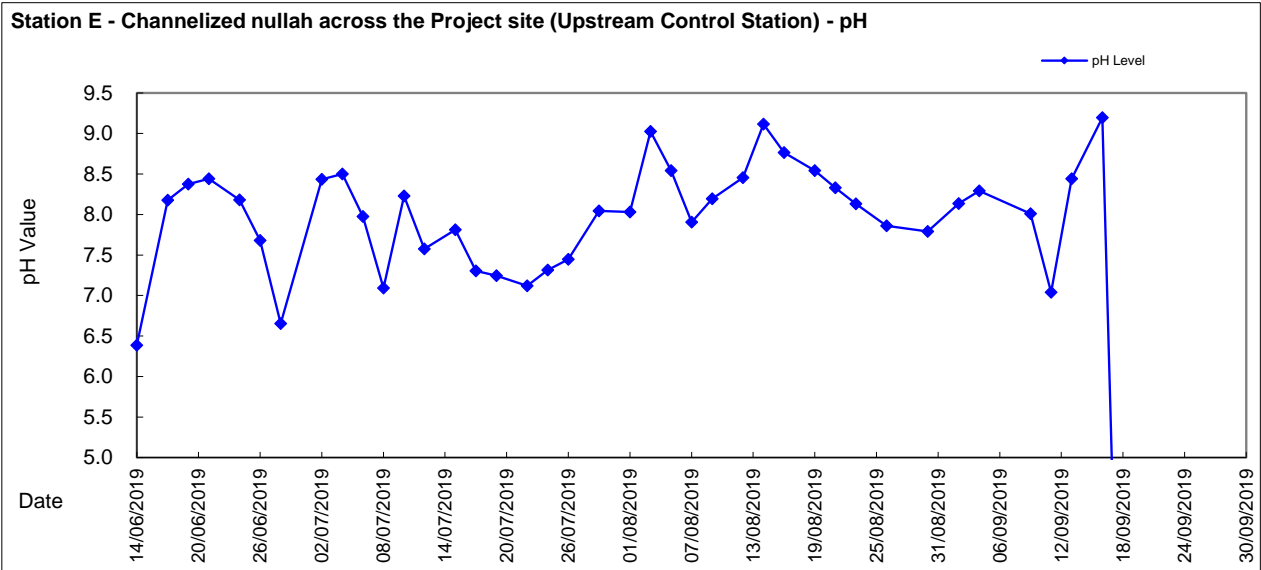
Date	Time	Weather Condition	Sampling Depth m	Water Temperature °C			pH			Salinity ppt			DO Saturation %			DO mg/L			Turbidity NTU			Suspended Solids mg/L	
				Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Value	Average	Value	Average
				02/09/2019	11:27	Rainy	Surface	26.40	26.40	26.50	8.17	8.17	8.2	0.07	0.07	0.07	86.5	87.1	87.15	7.24	7.29	7.3	22.25
	11:27	26.60	26.60	8.17	8.17			0.07	0.07		87.4	87.6		7.33	7.35		22.25	22.25		9.1			
04/09/2019	14:14	Rainy	Surface	25.00	25.00	25.00	8.37	8.37	8.4	0.06	0.06	0.06	95.0	95.1	94.88	7.81	7.81	7.8	23.54	23.54	23.5	5.7	5.7
	14:16			25.00	25.00		8.37	8.37		0.06	0.06		94.5	94.9		7.75	7.80		23.54	23.54		5.7	
06/09/2009	09:47	Fine	Surface	24.80	24.80	24.90	8.77	8.77	8.7	0.06	0.06	0.06	86.2	88.8	89.35	7.13	7.35	7.4	7.11	7.11	7.1	7.6	8.1
	09:49			25.00	25.00		8.68	8.68		0.06	0.06		91.0	91.4		7.53	7.58		7.04	7.06		7.1	
09/09/2019	13:13	Fine	Surface	25.80	25.80	25.95	8.09	8.09	8.1	0.11	0.11	0.11	85.1	85.2	85.63	7.03	7.04	7.1	18.10	18.10	18.1	23.8	43.7
	13:15			26.10	26.10		8.09	8.09		0.11	0.11		85.9	86.3		7.12	7.16		18.10	18.10		63.5	
11/09/2019	10:25	Fine	Surface	26.60	26.60	26.70	7.02	7.02	7.0	0.07	0.07	0.07	94.8	95.2	94.80	7.58	7.62	7.6	10.14	10.06	10.1	5.5	5.1
	10:27			26.80	26.80		7.03	7.03		0.07	0.07		95.0	94.2		7.61	7.52		10.10	10.06		4.6	
13/09/2019	10:07	Fine	Surface	28.00	28.00	28.10	8.20	8.20	8.2	0.05	0.05	0.05	77.6	78.2	78.46	6.59	6.65	6.7	14.28	14.28	14.3	6.6	6.1
	10:09			28.20	28.20		8.20	8.20		0.05	0.05		78.9	79.1		6.72	6.74		14.28	14.28		5.6	
16/09/2019	14:05	Fine	Surface	26.70	26.70	26.75	8.60	8.60	8.6	0.10	0.10	0.10	92.2	92.5	92.35	7.38	7.40	7.4	11.00	11.46	11.1	4.6	4.9
	14:07			26.80	26.80		8.55	8.55		0.10	0.10		92.4	92.3		7.39	7.38		11.00	11.00		5.2	
18/09/2019	11:41	Fine	Surface	28.10	28.10	27.45	8.16	8.16	8.4	0.08	0.08	0.09	78.9	79.5	85.78	5.72	5.78	6.6	13.37	13.37	12.2	5.4	5.3
	11:43			28.30	28.30		8.16	8.16		0.08	0.08		79.9	80.3		5.26	5.29		13.37	13.37		6.3	
20/09/2019	12:11	12:00	Surface	24.90	24.90	26.60	8.30	8.30	8.2	0.08	0.08	0.08	82.7	83.0	81.46	5.97	6.00	5.8	13.77	13.77	13.6	1.6	3.9
	12:13			25.10	25.10		8.30	8.30		0.08	0.08		83.5	83.9		6.05	6.09		13.77	13.77		2.1	
23/09/2019	10:30	Fine	Surface	24.40	24.40	24.50	7.55	7.55	7.6	0.09	0.09	0.09	98.9	96.1	96.48	7.98	8.00	8.0	7.77	7.68	7.7	5.7	5.4
	10:32			24.60	24.60		7.61	7.61		0.09	0.09		95.4	95.5		7.94	7.95		7.70	7.77		5	
25/09/2019	09:40	Fine	Surface	24.80	24.80	24.85	7.99	7.99	8.0	0.10	0.10	0.11	94.7	96.3	95.13	7.84	7.88	7.8	8.13	8.10	8.1	4.4	4.3
	09:42			24.90	24.90		7.99	7.99		0.11	0.11		94.8	94.7		7.84	7.82		8.16	8.16		4.2	
27/09/2019	13:50	Fine	Surface	26.60	26.60	26.70	7.77	7.76	7.8	0.09	0.09	0.09	90.6	91.3	91.58	7.26	7.31	7.3	7.03	7.04	7.0	2.2	2.3
	13:52			26.80	26.80		7.81	7.81		0.09	0.09		91.9	92.5		7.33	7.40		7.02	7.00		2.3	
30/09/2019	10:59	Fine	Surface	27.00	27.00	27.10	7.71	7.71	7.7	0.02	0.02	0.02	72.2	73.1	73.10	5.05	5.14	5.1	11.09	11.09	11.1	1.6	1.7
	11:01			27.20	27.20		7.71	7.71		0.02	0.02		73.3	73.8		5.16	5.21		11.09	11.09		1.8	

Remarks:

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

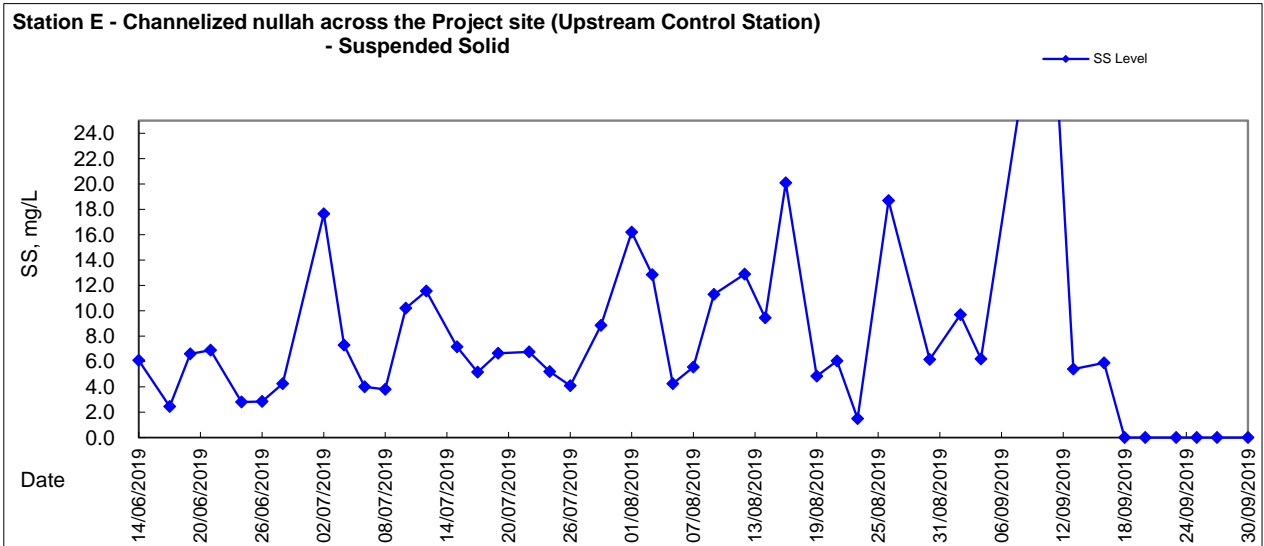
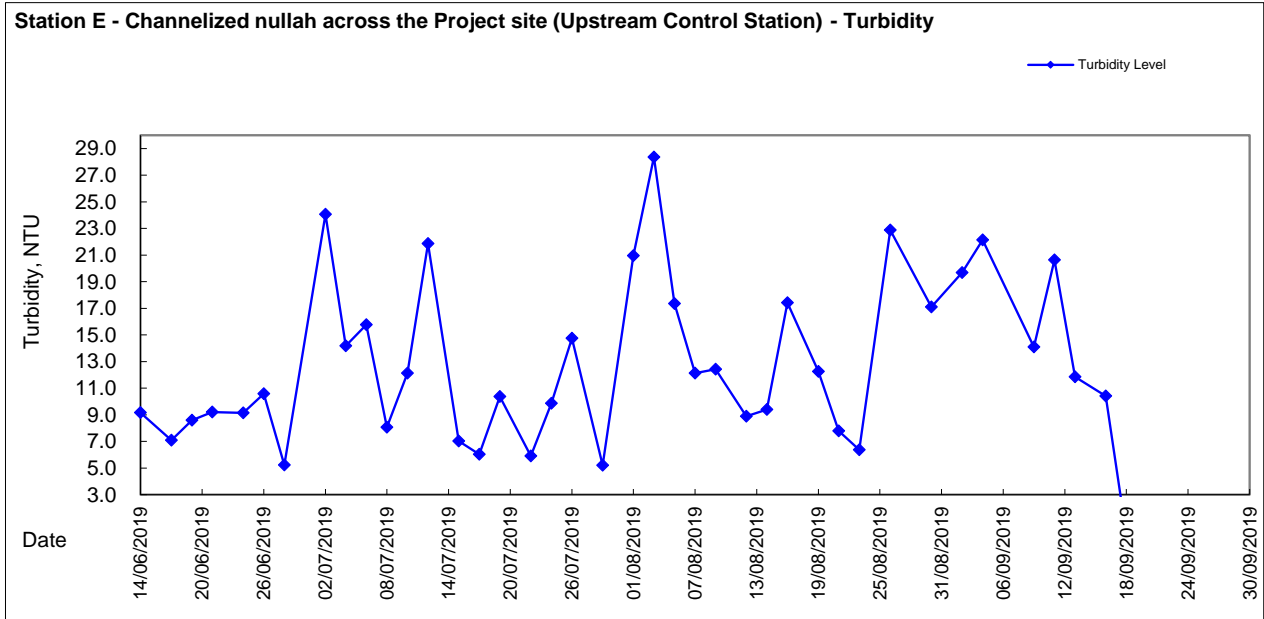


Graphic Presentation of WQM Result



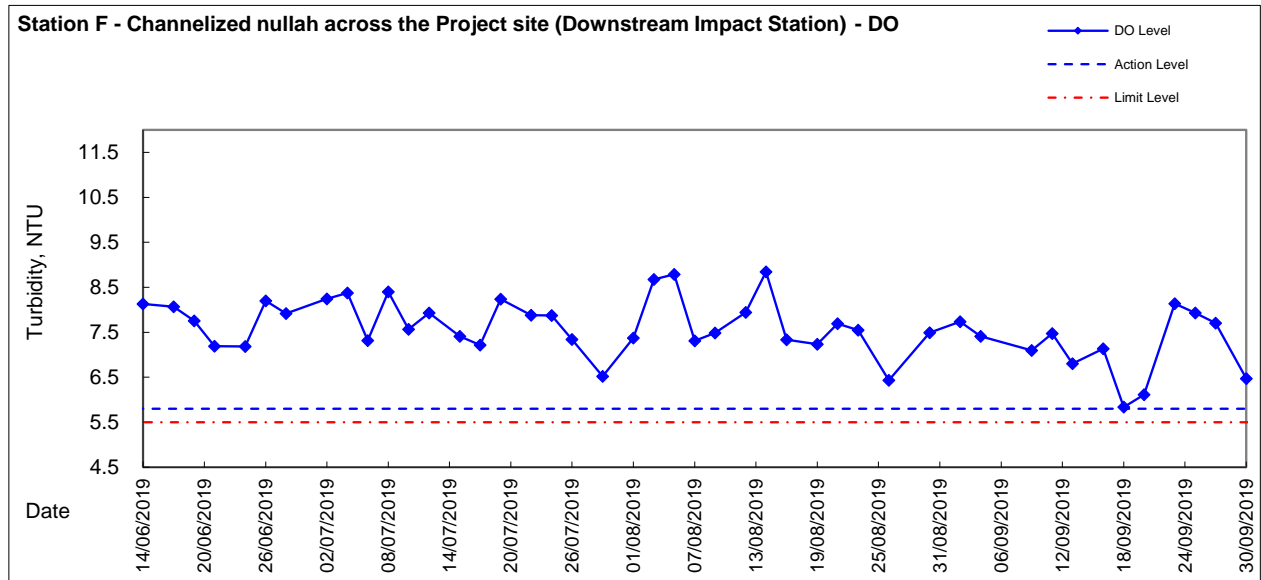
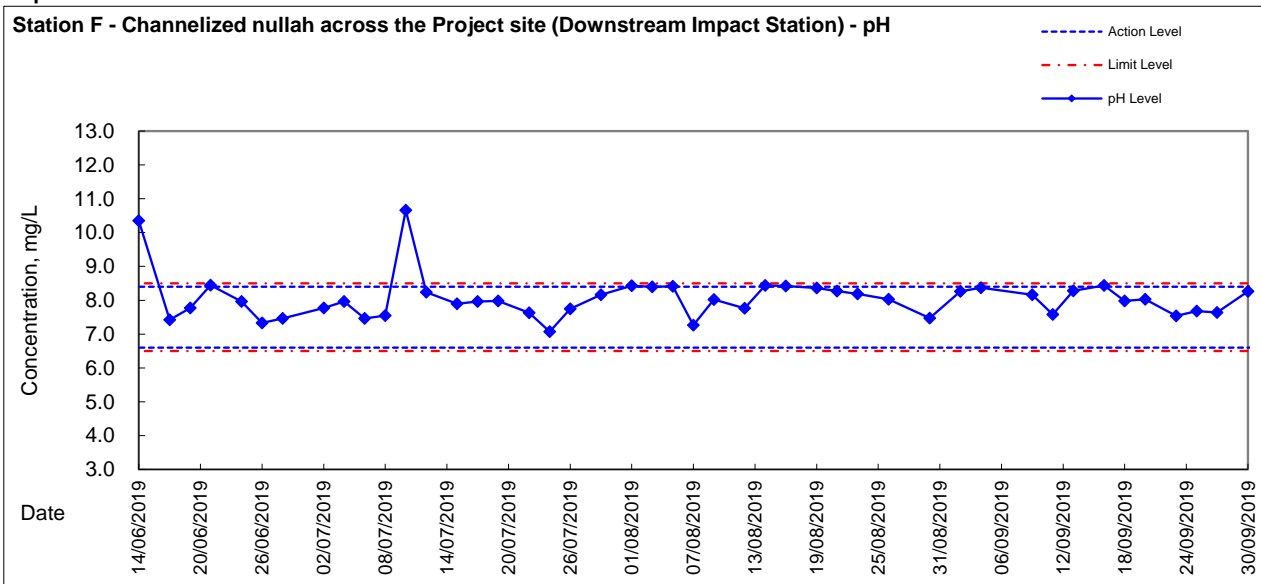


Graphic Presentation of WQM Result



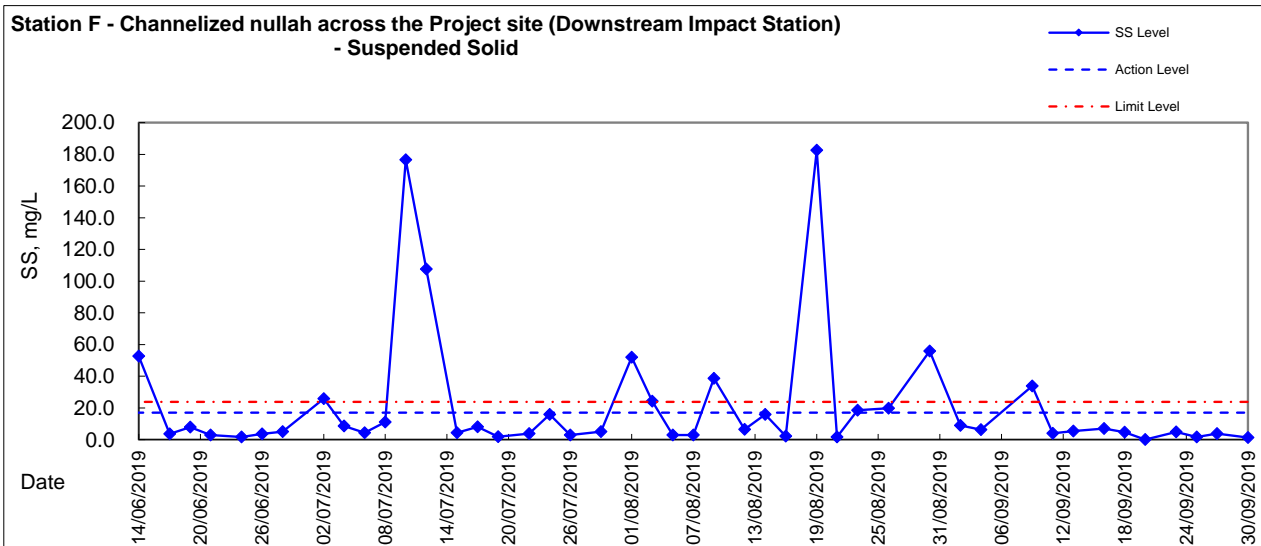
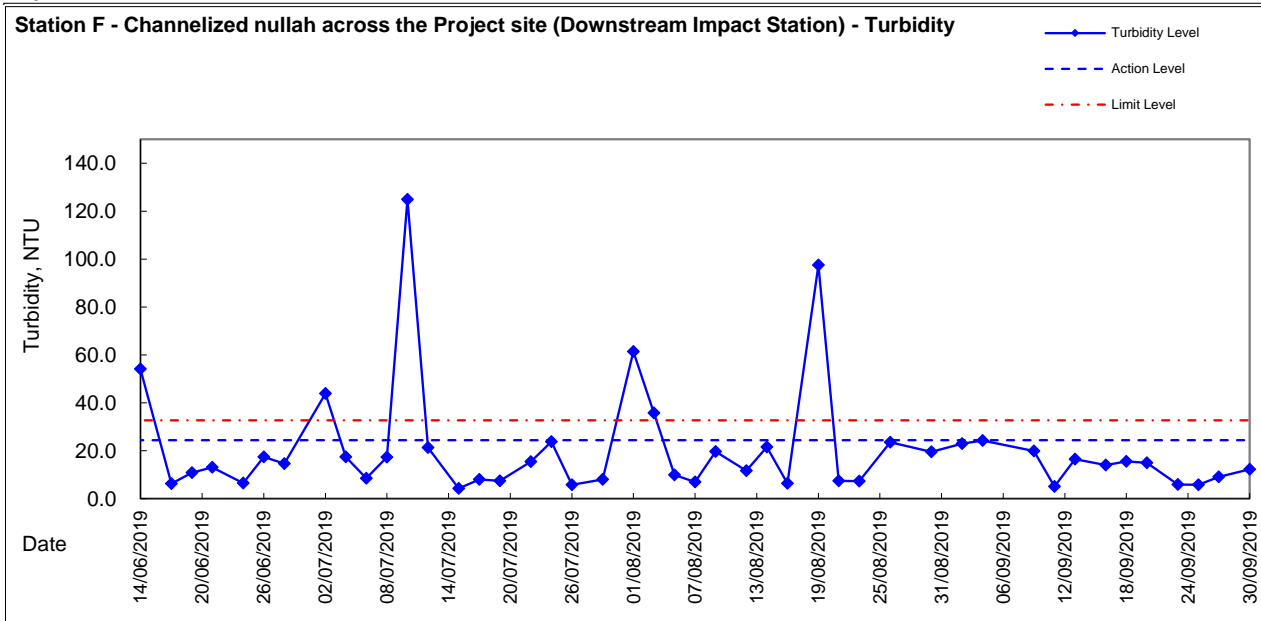


Graphic Presentation of WQM Result



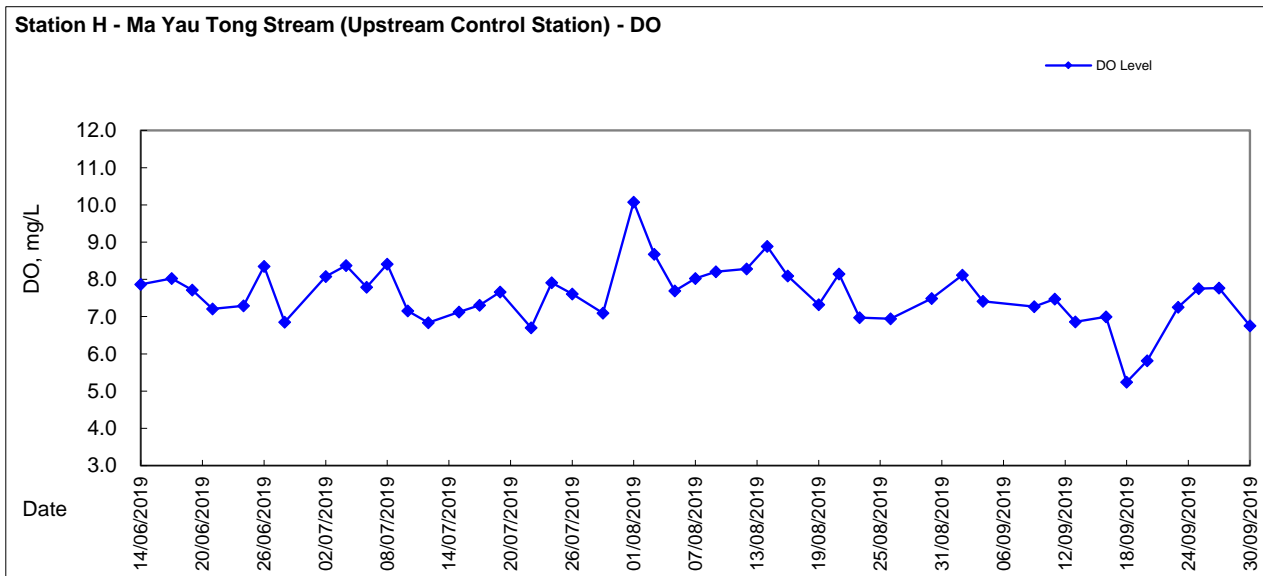
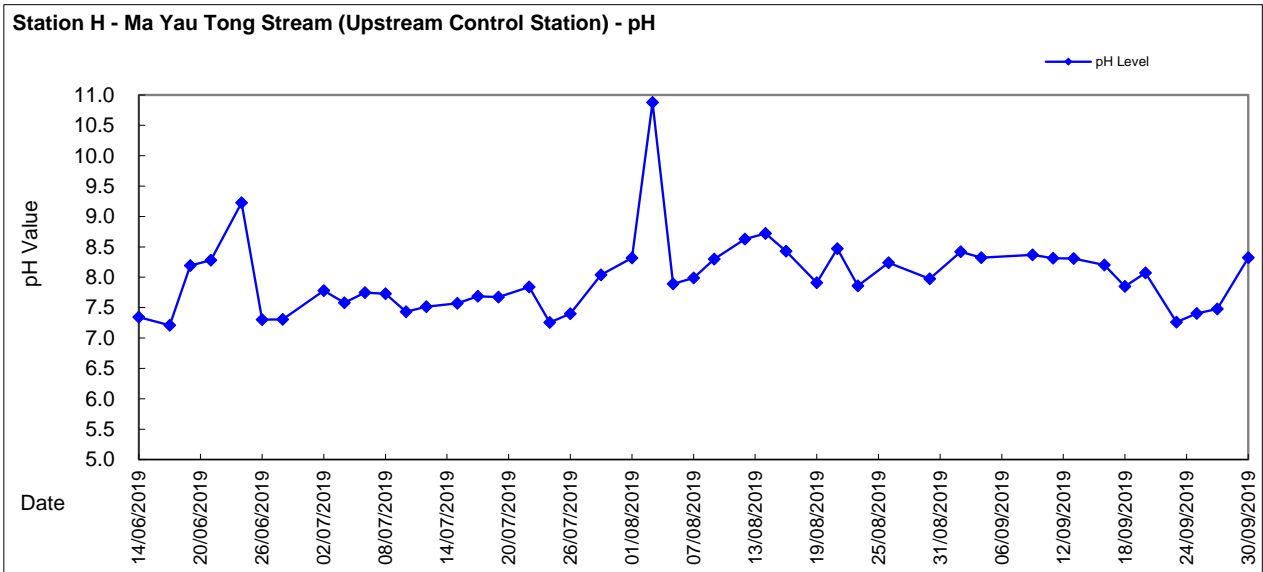


Graphic Presentation of WQM Result



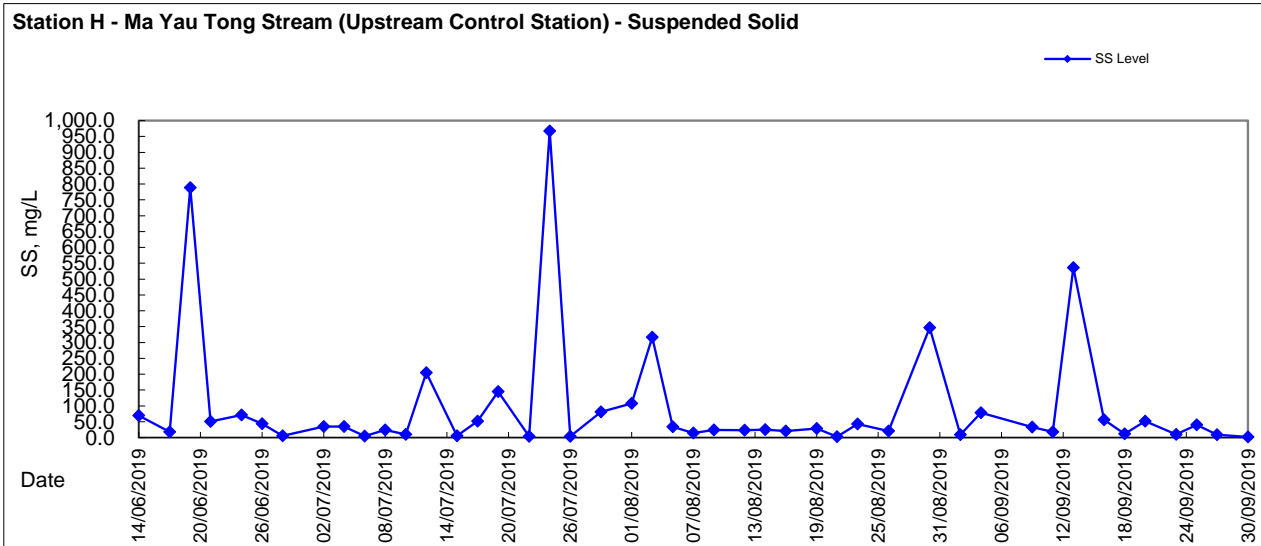
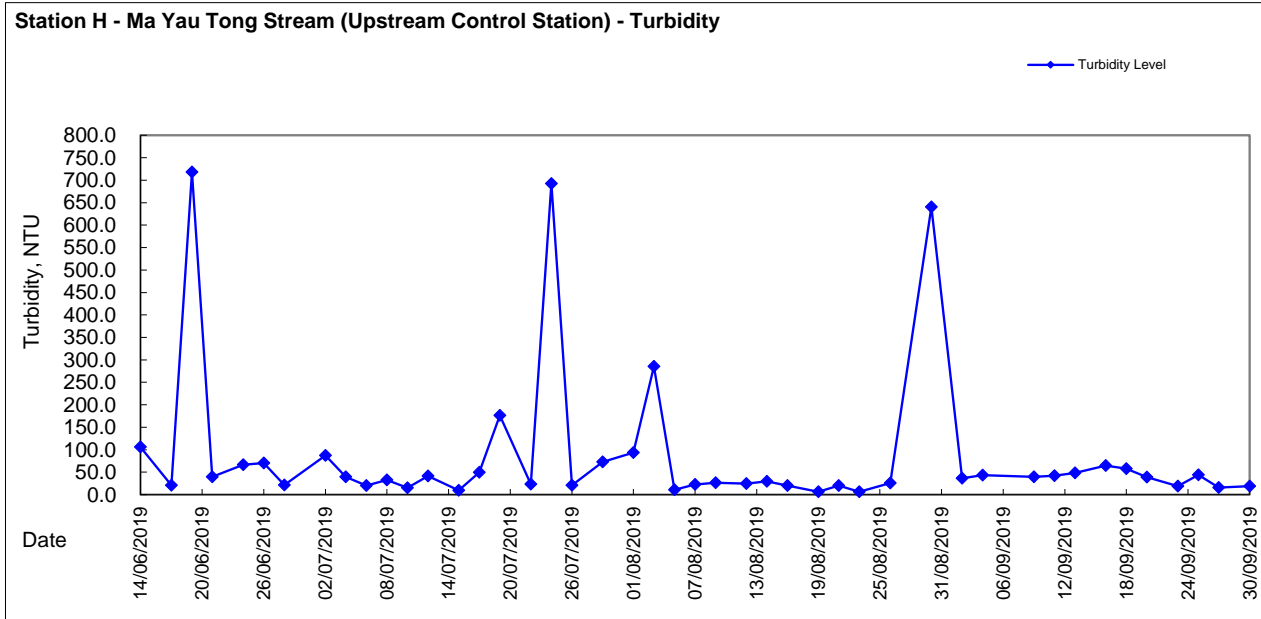


Graphic Presentation of WQM Result



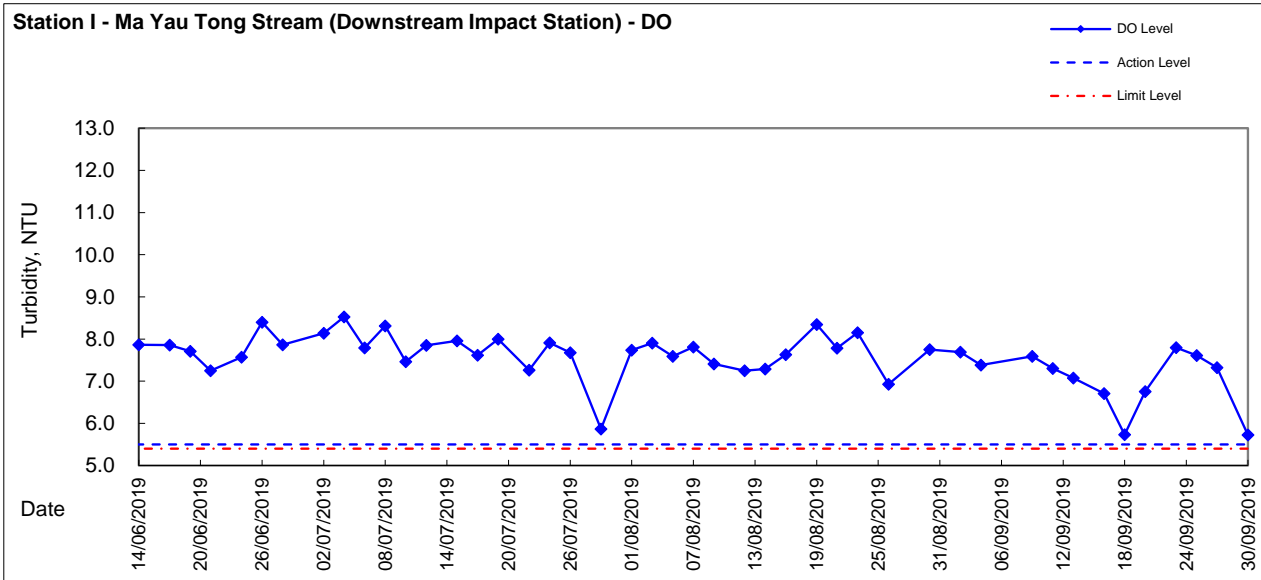
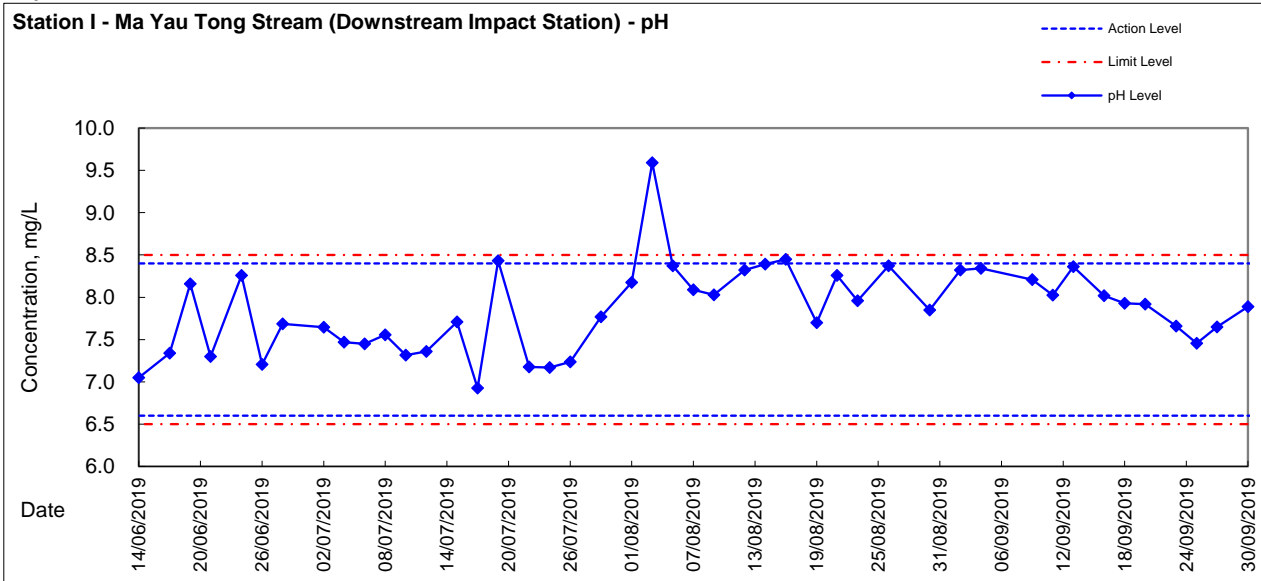


Graphic Presentation of WQM Result



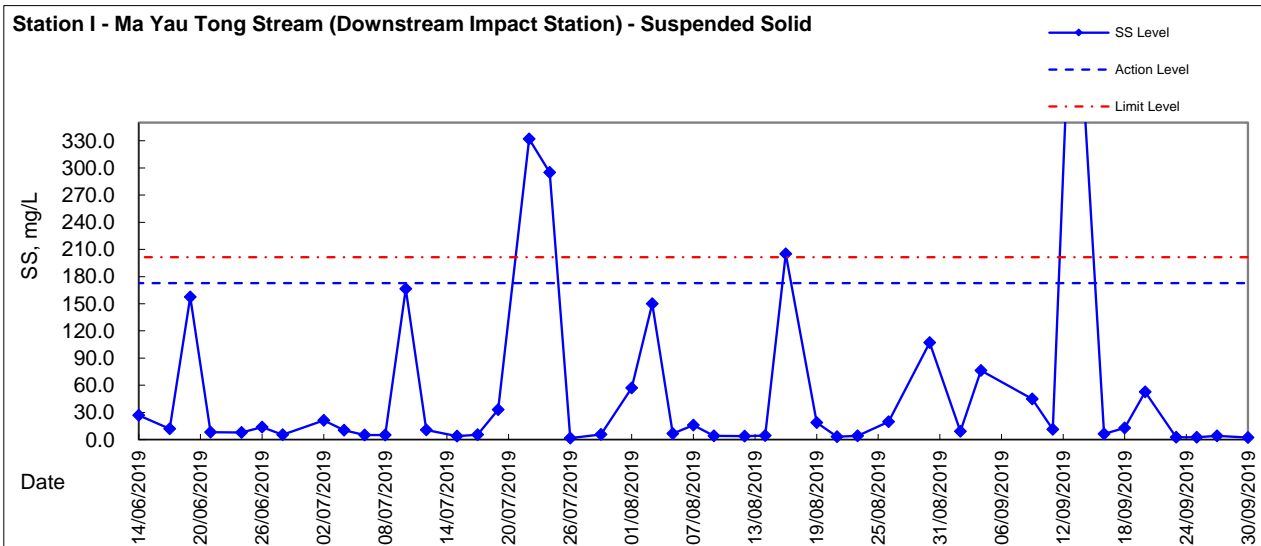
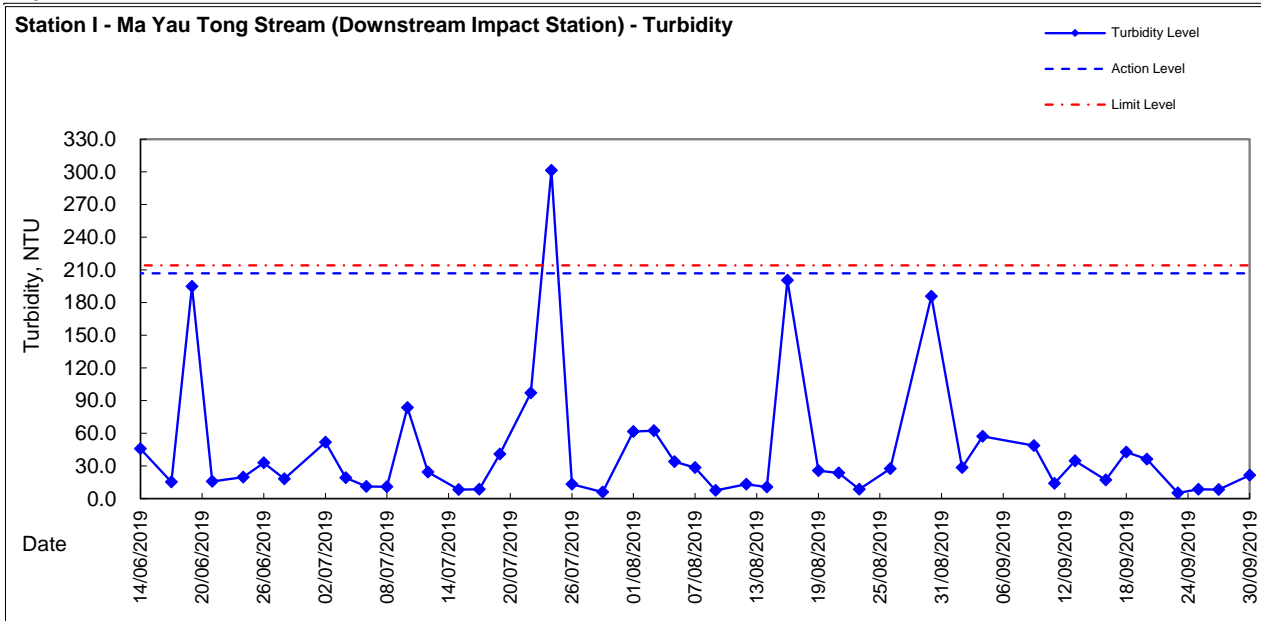


Graphic Presentation of WQM Result



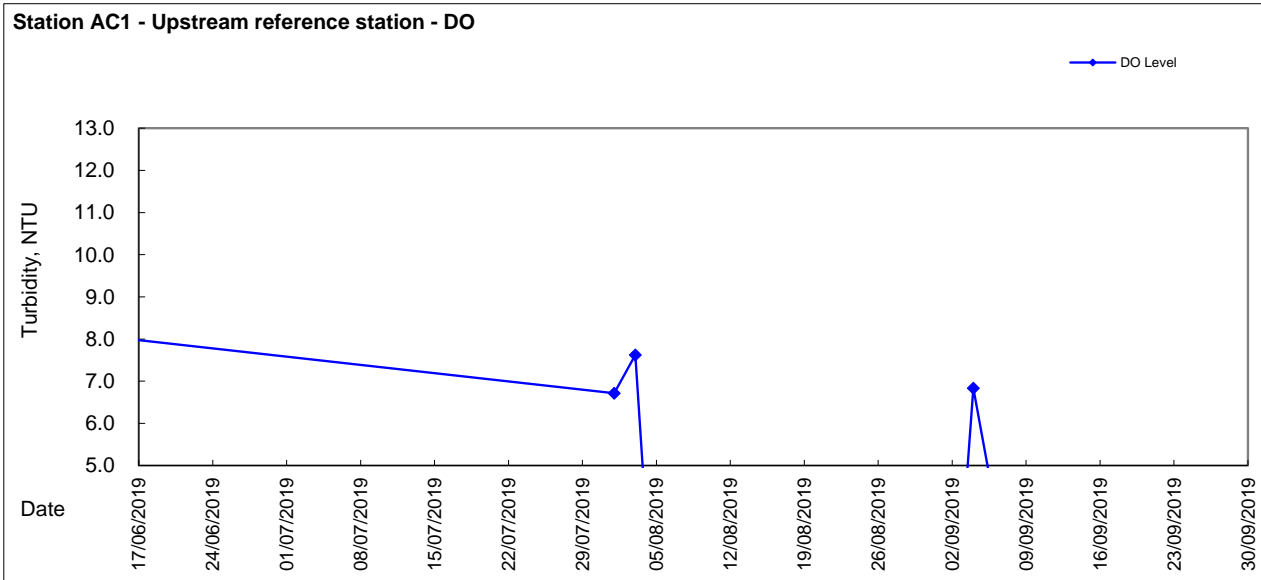
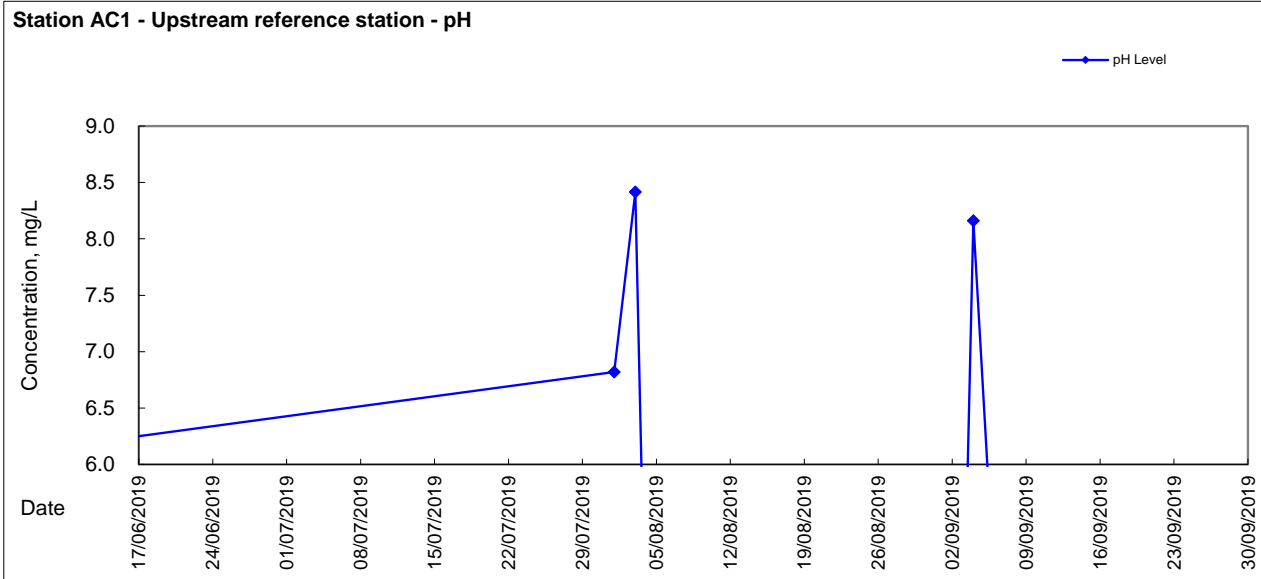


Graphic Presentation of WQM Result



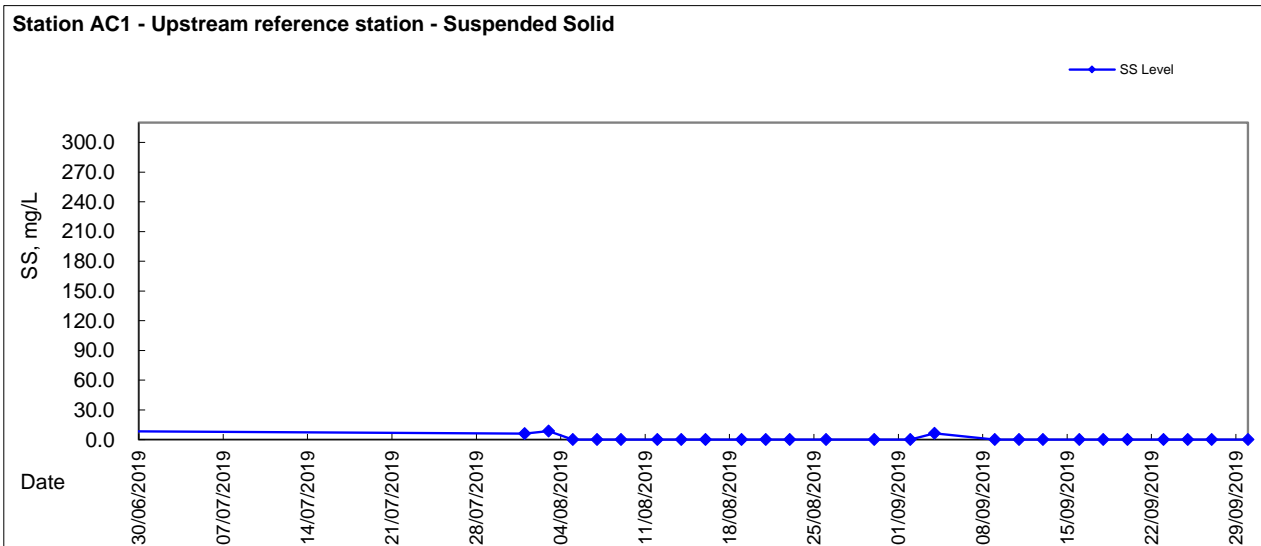
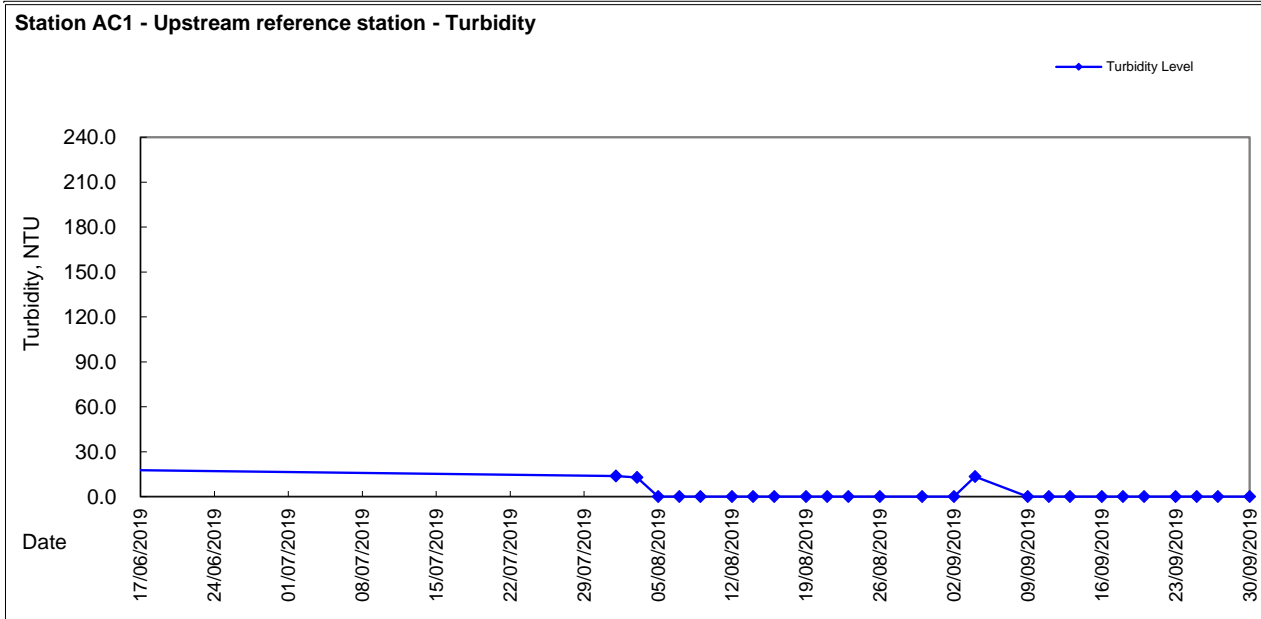


Graphic Presentation of WQM Result



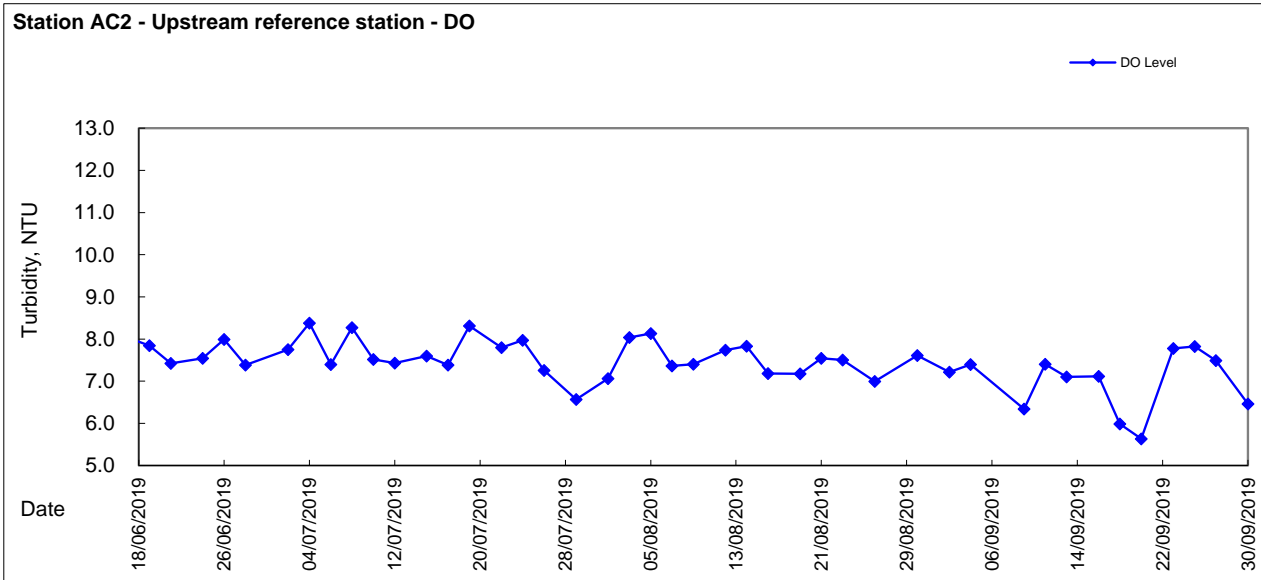
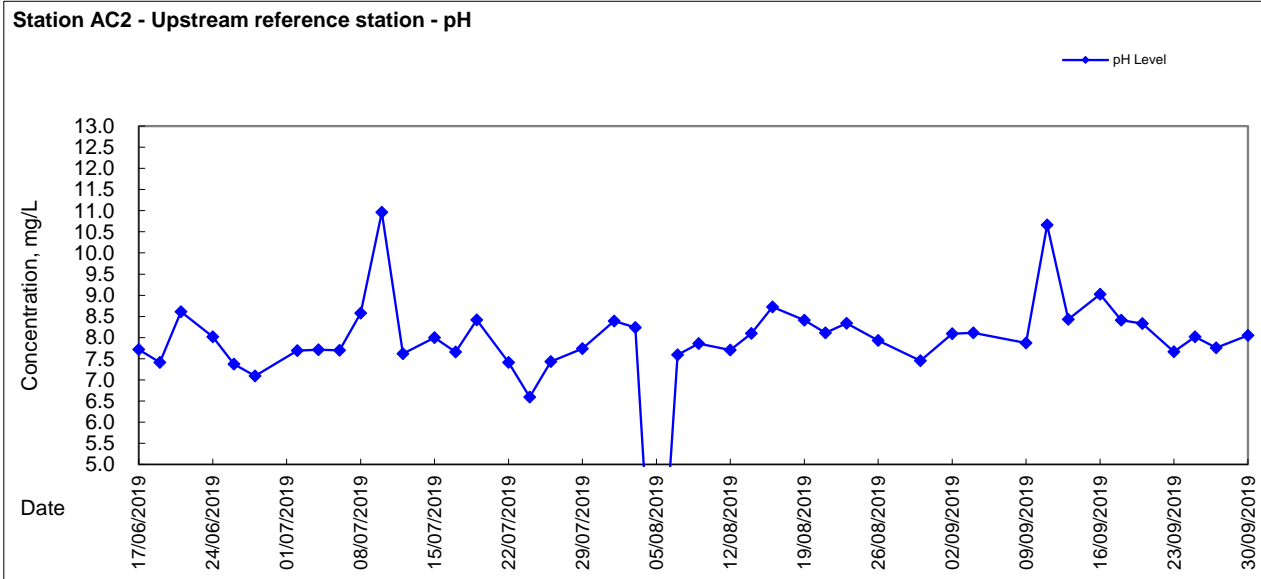


Graphic Presentation of WQM Result



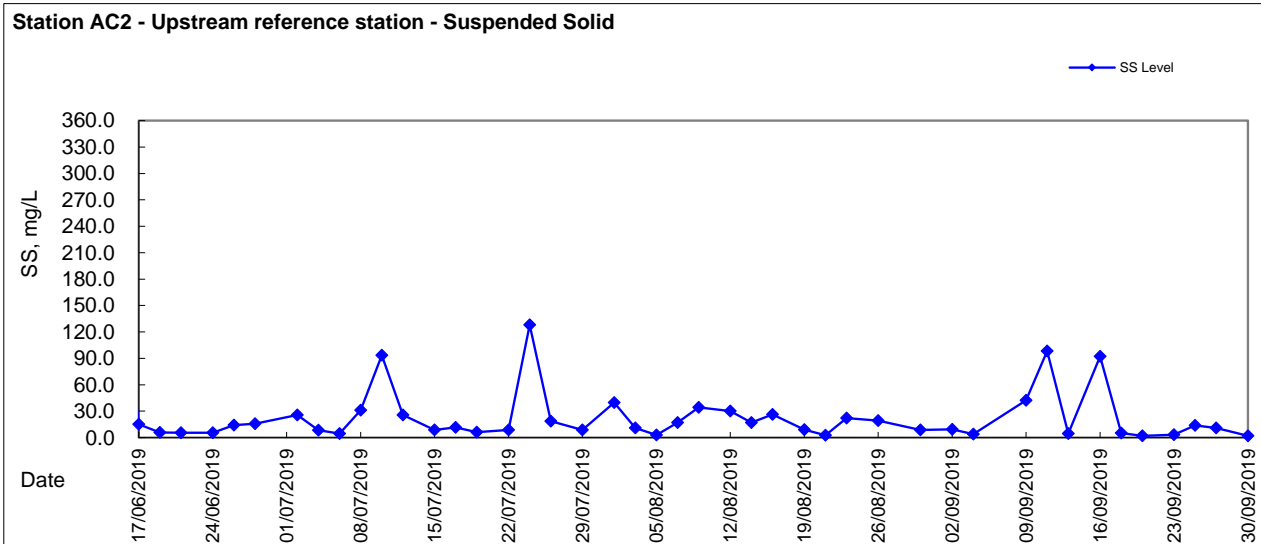
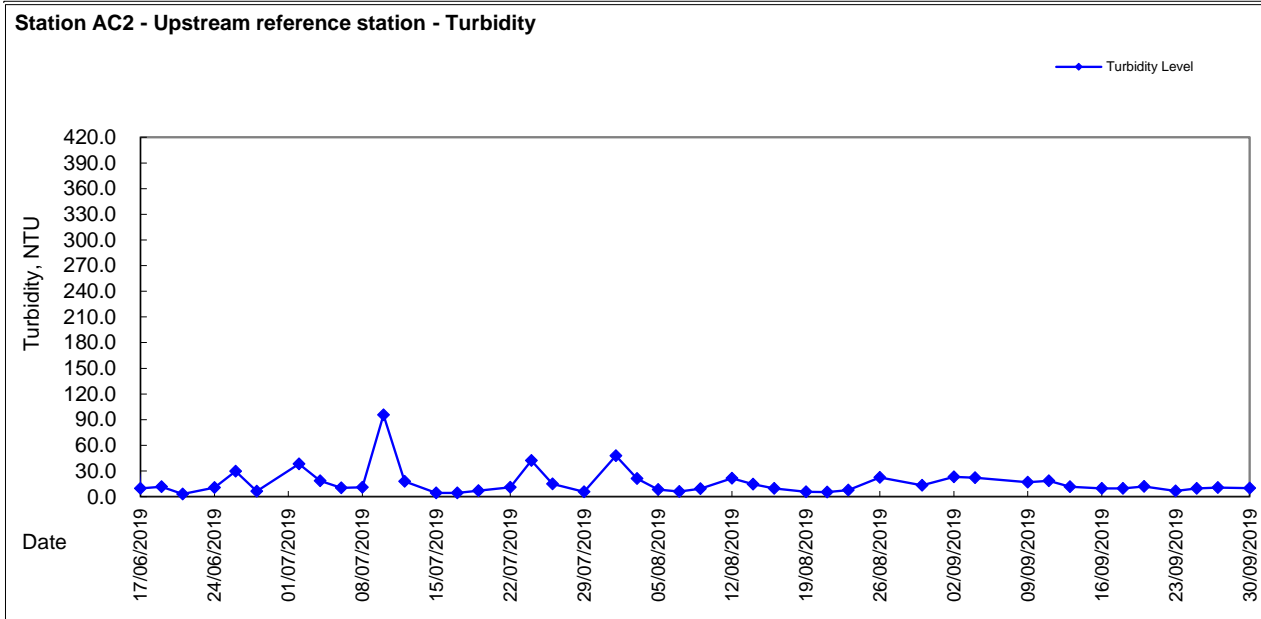


Graphic Presentation of WQM Result



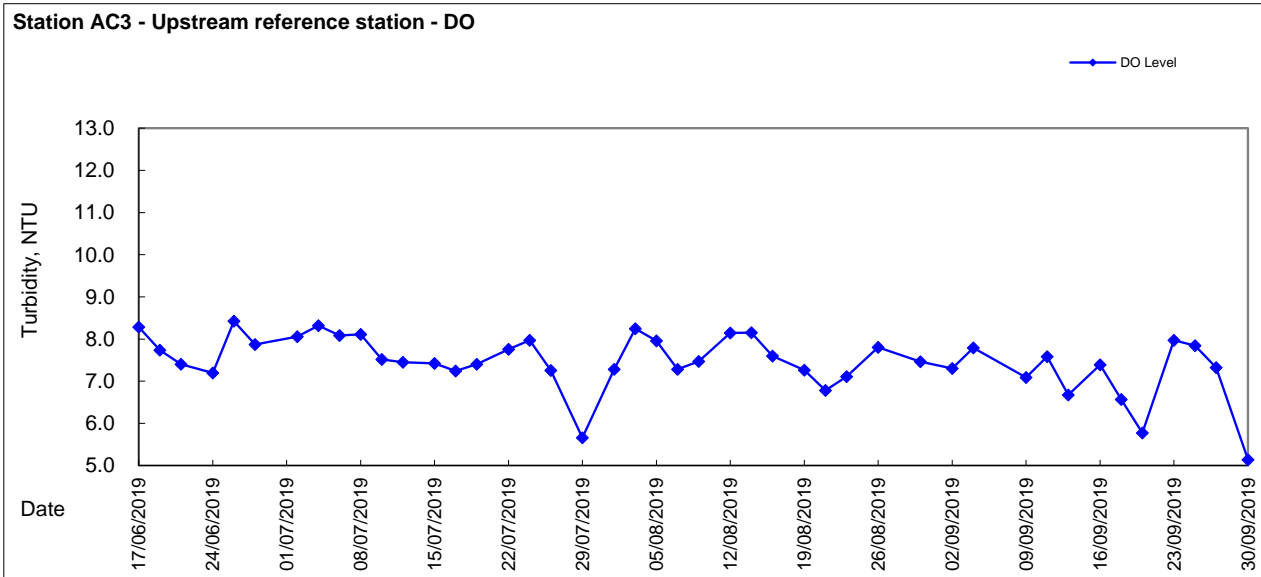
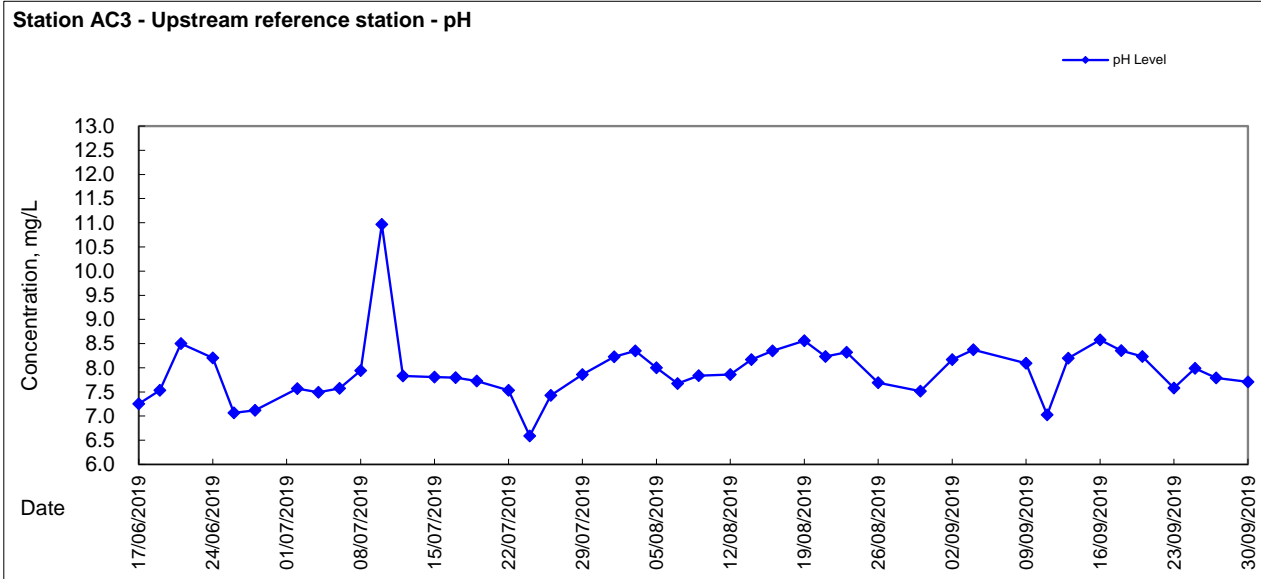


Graphic Presentation of WQM Result





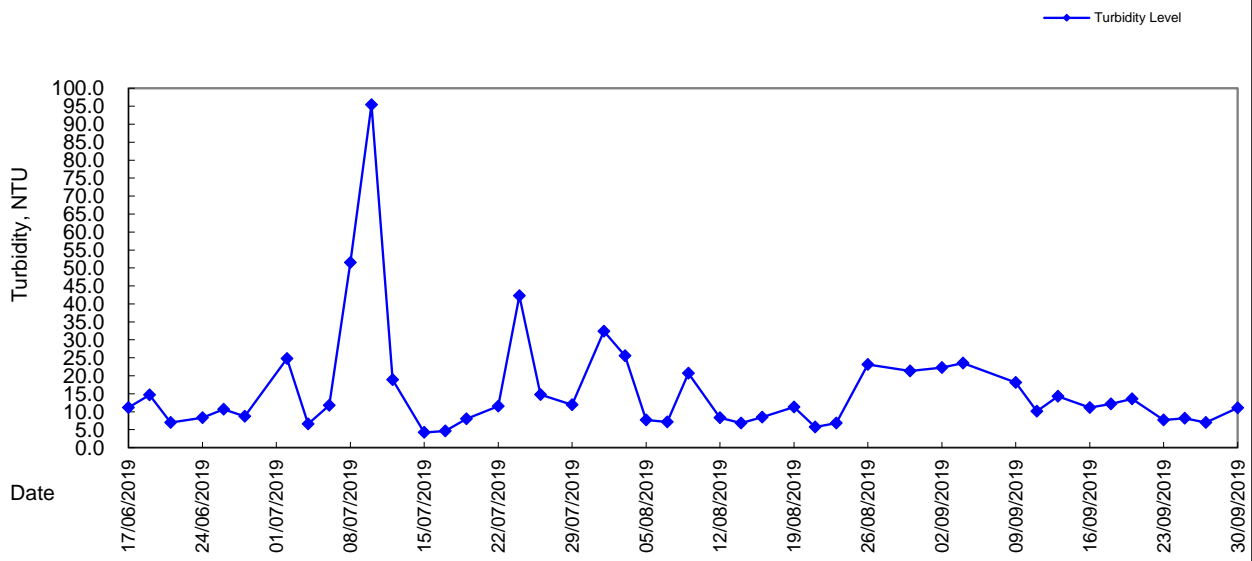
Graphic Presentation of WQM Result





Graphic Presentation of WQM Result

Station AC3 - Upstream reference station - Turbidity



Station AC3 - Upstream reference station - Suspended Solid

