



**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	Average		Value	Average		Value	Average		Value	Average		Value	Average		Value	Average	Value	Average	
3/12/2018	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5/12/2018	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7/12/2018	-	Cloudy	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10/12/2018	-	Cloudy	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12/12/2018	-	Cloudy	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14/12/2018	-	Cloudy	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
17/12/2018	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
19/12/2018	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
21/12/2018	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
24/12/2018	-	Cloudy	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
27/12/2018	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
29/12/2018	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
31/12/2018	-	Cloudy	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						
3/12/2018	16:00	Fine	Surface	23.0	23.0	23.3	7.3	7.3	7.3	0.11	0.11	0.11	81.8	82.2	82.1	7.0	7.0	7.0	1.3	1.3	1.3	<1.0	<1.0
	16:02			23.5	23.6		7.3	7.3		0.11	0.11		82.2	82.2		7.0	7.0		1.3	1.3		<1.0	
5/12/2018	14:30	Fine	Surface	22.3	22.3	22.5	7.6	7.6	7.6	0.12	0.12	0.12	79.5	80.1	79.8	6.9	6.9	6.9	1.9	2.0	1.9	<1.0	<1.0
	14:32			22.6	22.6		7.6	7.6		0.12	0.12		79.7	80.0		6.9	6.9		2.0	2.0		<1.0	
7/12/2018	17:00	Cloudy	Surface	21.0	21.0	21.1	7.5	7.5	7.5	0.12	0.12	0.12	70.8	69.7	72.5	6.3	6.2	6.4	20.4	20.4	20.4	10.8	11.1
	17:02			21.1	21.1		7.5	7.5		0.12	0.12		73.2	76.2		6.5	6.8		20.4	20.4		11.3	
10/12/2018	15:45	Cloudy	Surface	18.5	18.5	18.6	7.2	7.2	7.2	0.15	0.15	0.15	73.2	74.4	75.0	6.8	6.9	7.0	2.4	2.4	2.4	1.7	1.5
	15:47			18.7	18.7		7.1	7.1		0.15	0.15		76.0	76.2		7.1	7.1		2.4	2.4		1.3	
12/12/2018	16:00	Cloudy	Surface	17.2	17.2	17.2	7.5	7.5	7.5	0.21	0.21	0.21	74.1	73.6	72.4	7.1	7.0	7.0	2.8	2.7	2.7	<1.0	1.1
	16:02			17.2	17.2		7.5	7.5		0.21	0.21		71.4	70.5		6.9	6.8		2.6	2.6		1.1	
14/12/2018	9:35	Cloudy	Surface	16.5	16.5	16.5	7.1	7.1	7.0	0.12	0.12	0.12	77.9	78.6	78.8	7.6	7.7	7.7	7.3	7.3	7.3	1.0	1.3
	9:37			16.5	16.5		7.0	7.0		0.11	0.11		79.4	79.2		7.7	7.7		7.3	7.3		1.5	
17/12/2018	15:30	Fine	Surface	18.5	18.5	18.7	7.3	7.3	7.3	0.17	0.17	0.17	78.9	78.8	78.8	7.4	7.4	7.4	4.1	4.0	4.0	<1.0	<1.0
	15:32			18.8	18.8		7.3	7.3		0.17	0.17		78.9	78.4		7.4	7.3		4.0	3.9		<1.0	
19/12/2018	11:30	Fine	Surface	19.7	19.7	19.8	7.2	7.2	7.2	0.12	0.12	0.12	84.3	84.4	84.4	7.7	7.7	7.7	2.4	2.3	2.3	1.7	1.6
	11:32			19.9	19.9		7.2	7.2		0.12	0.12		84.8	84.2		7.7	7.7		2.3	2.3		1.4	
21/12/2018	14:10	Fine	Surface	21.7	21.7	21.9	7.8	7.8	7.8	0.25	0.25	0.25	78.5	77.8	78.9	6.8	6.8	6.9	5.0	5.0	5.0	2.1	2.1
	14:12			22.0	22.0		7.9	7.9		0.25	0.25		79.5	79.6		6.9	6.9		5.0	5.0		2.0	
24/12/2018	9:15	Cloudy	Surface	18.5	18.5	18.5	7.5	7.5	7.5	0.11	0.11	0.11	76.9	78.1	78.2	7.2	7.4	7.3	3.8	3.8	3.8	3.8	3.8
	9:17			18.5	18.5		7.5	7.5		0.11	0.11		78.9	79.0		7.4	7.4		3.7	3.7		3.7	
27/12/2018	13:25	Fine	Surface	20.5	20.5	20.6	7.4	7.4	7.3	0.21	0.21	0.22	71.3	71.1	71.5	6.4	6.4	6.4	7.8	7.8	7.8	1.3	1.2
	13:27			20.6	20.6		7.3	7.3		0.22	0.22		71.7	71.8		6.4	6.5		7.9	7.9		1.0	
29/12/2018	8:35	Fine	Surface	15.7	15.7	15.7	7.7	7.7	7.7	0.11	0.11	0.11	77.6	77.8	77.4	7.7	7.7	7.7	4.7	4.8	4.8	1.5	1.7
	8:37			15.7	15.7		7.7	7.7		0.11	0.11		77.1	77.0		7.7	7.7		4.8	4.8		1.8	
31/12/2018	10:45	Cloudy	Surface	14.6	14.6	14.6	8.1	8.1	8.1	0.15	0.15	0.15	69.6	69.9	69.9	7.1	7.1	7.1	5.0	5.0	5.0	3.2	3.1
	10:47			14.5	14.5		8.1	8.1		0.15	0.15		70.1	70.0		7.1	7.1		5.0	5.0		2.9	

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	Value	Average				
3/12/2018	16:40	Fine	Surface	23.1	23.1	23.3	7.9	7.9	7.9	0.25	0.25	0.25	80.5	78.8	80.2	6.9	6.7	6.8	5.5	5.5	5.7	1.2	1.2
	16:42			23.4	23.4		7.9	7.9		0.25	0.25		80.1	81.5		6.8	6.9		5.5	6.5		<1.0	
5/12/2018	15:00	Fine	Surface	22.6	22.6	22.7	7.7	7.7	7.7	0.64	0.64	0.64	83.6	82.1	81.3	6.9	6.9	6.9	2.4	2.4	2.5	2.9	2.2
	15:02			22.7	22.7		7.7	7.7		0.64	0.64		80.9	78.5		6.9	6.9		2.5	2.5		1.4	
7/12/2018	8:55	Cloudy	Surface	22.1	22.1	22.1	8.1	8.1	8.0	0.46	0.46	0.47	66.4	67.2	67.6	5.8	5.8	5.9	6.0	6.0	6.0	6.9	7.1
	8:57			22.1	22.1		8.0	8.0		0.48	0.48		68.3	68.3		6.0	6.0		6.0	6.0		7.2	
10/12/2018	15:10	Cloudy	Surface	19.7	19.7	19.8	7.4	7.4	7.4	0.45	0.45	0.45	72.4	73.1	73.6	6.6	6.7	6.7	3.4	3.4	3.4	1.6	1.9
	15:12			19.8	19.8		7.4	7.4		0.45	0.45		74.4	74.4		6.8	6.8		3.4	3.4		2.2	
12/12/2018	15:50	Cloudy	Surface	18.1	18.1	18.1	7.9	7.9	7.9	0.64	0.64	0.66	72.3	72.8	73.0	6.8	6.9	6.9	6.0	5.9	5.9	<1.0	<1.0
	15:52			18.1	18.1		7.9	7.9		0.67	0.67		73.2	73.7		6.9	6.9		5.9	5.9		<1.0	
14/12/2018	9:15	Cloudy	Surface	17.7	17.7	17.7	6.8	6.8	6.8	0.64	0.64	0.64	65.3	65.3	65.5	6.2	6.2	6.2	7.7	7.7	7.7	<1.0	<1.0
	9:17			17.7	17.7		6.8	6.8		0.64	0.64		65.8	65.6		6.3	6.2		7.6	7.7		<1.0	
17/12/2018	14:35	Fine	Surface	21.0	21.0	21.3	7.4	7.4	7.4	0.40	0.40	0.40	82.8	84.1	83.6	7.3	7.5	7.4	93.2	93.3	93.3	73.2	70.4
	14:37			21.5	21.5		7.4	7.4		0.40	0.40		83.7	83.6		7.4	7.4		93.3	93.3		67.6	
19/12/2018	12:00	Fine	Surface	20.1	20.1	20.2	9.7	9.7	9.7	0.51	0.51	0.51	74.6	78.9	78.1	6.7	7.1	7.1	3.5	3.5	3.5	5.9	6.2
	12:02			20.3	20.3		9.8	9.8		0.51	0.51		79.5	79.5		7.2	7.2		3.5	3.5		6.4	
21/12/2018	13:25	Fine	Surface	22.8	22.8	22.9	8.2	8.2	8.3	0.89	0.89	0.89	69.9	70.5	70.6	6.0	6.0	6.0	5.9	6.8	6.1	7.4	7.6
	13:27			22.9	22.9		8.3	8.3		0.89	0.89		71.0	71.0		6.1	6.1		5.8	5.8		7.7	
24/12/2018	10:00	Cloudy	Surface	19.1	19.1	19.1	7.8	7.8	7.8	0.27	0.27	0.27	80.7	80.8	80.8	7.5	7.5	7.5	33.7	33.7	33.8	23.6	24.0
	10:02			19.1	19.1		7.8	7.8		0.27	0.27		81.1	80.5		7.5	7.4		33.9	33.9		24.3	
27/12/2018	12:35	Fine	Surface	21.4	21.4	21.5	7.6	7.6	7.6	0.49	0.49	0.49	80.1	79.4	79.1	7.0	7.0	7.0	9.1	9.2	9.2	2.8	2.7
	12:37			21.6	21.6		7.6	7.6		0.49	0.49		78.6	78.1		6.9	7.0		9.2	9.2		2.5	
29/12/2018	8:50	Fine	Surface	16.0	16.0	16.0	7.1	7.1	7.1	0.41	0.41	0.41	61.8	63.2	64.3	6.1	6.2	6.3	4.4	4.5	4.4	1.4	1.5
	8:52			16.0	16.0		7.1	7.1		0.41	0.41		66.0	66.3		6.5	6.5		4.4	4.4		1.6	
31/12/2018	11:10	Cloudy	Surface	16.6	16.6	16.6	7.3	7.3	7.3	0.79	0.79	0.79	75.0	75.0	75.4	7.3	7.3	7.3	5.9	5.8	5.9	1.4	1.5
	11:12			16.6	16.6		7.2	7.2		0.79	0.79		75.6	75.8		7.3	7.4		5.9	5.9		1.5	

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.



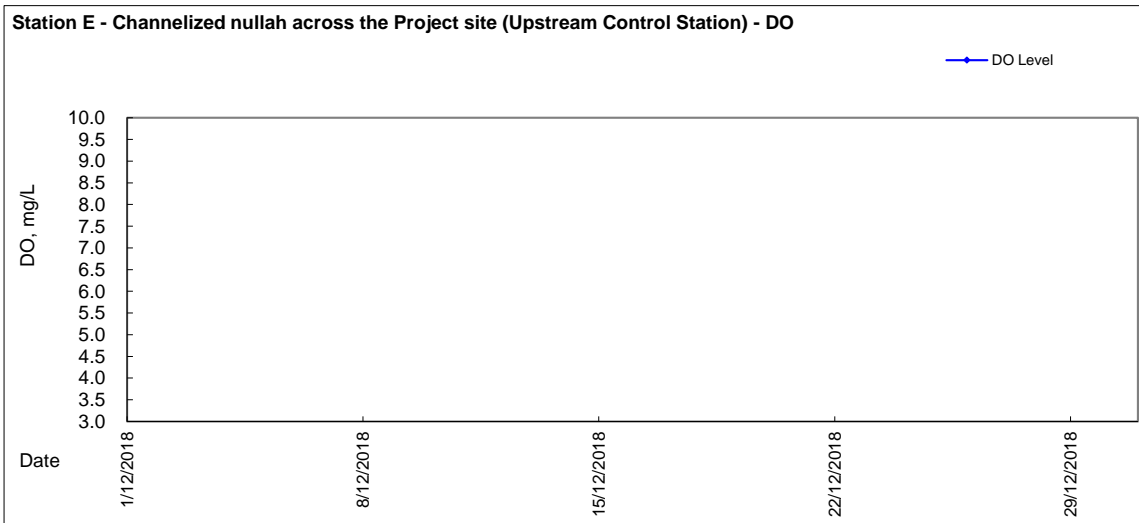
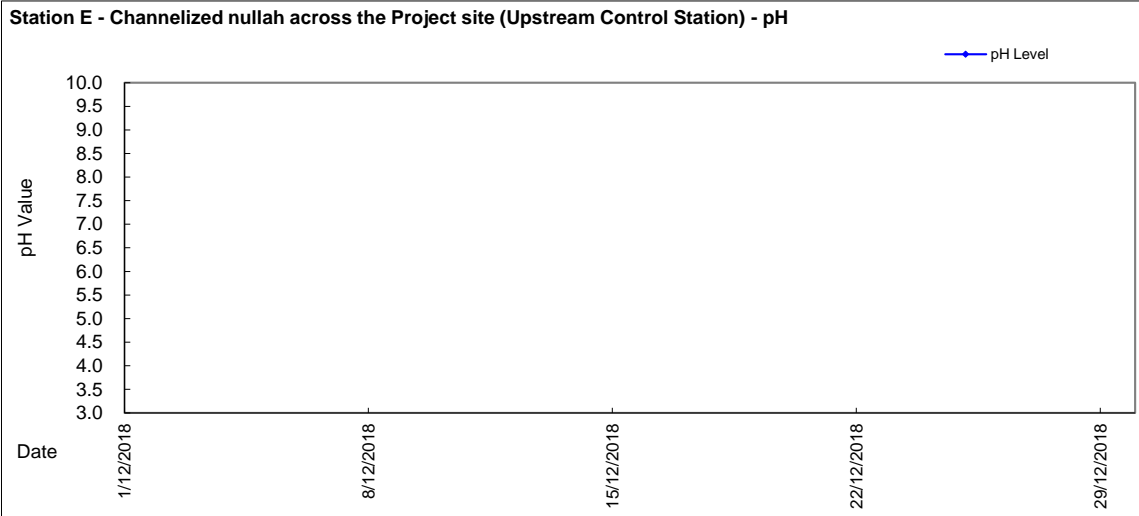
Water Monitoring Result at Monitoring Station I - Ma You Tong Stream (Downstream Impact Station)

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						
3/12/2018	17:15	Fine	Surface	23.4	23.4	23.4	7.8	7.7	7.8	0.58	0.58	0.58	74.4	71.2	70.6	6.3	6.1	6.0	10.9	10.9	10.7	5.2	6.0
	17:17			23.4	23.4		7.8	7.8		0.58	0.58		68.7	68.0		5.8	5.8		10.6	10.6		6.7	
5/12/2018	15:30	Fine	Surface	23.0	23.0	23.1	7.8	7.8	7.8	0.32	0.32	0.32	75.4	80.3	79.1	6.5	6.9	6.8	1.8	1.7	1.7	2.3	2.2
	15:32			23.1	23.1		7.8	7.8		0.32	0.32		79.9	80.7		6.8	6.9		1.7	1.7		2.0	
7/12/2018	8:00	Cloudy	Surface	22.6	22.6	22.7	8.3	8.3	8.2	1.22	1.22	1.24	72.4	73.1	73.0	6.2	6.3	6.3	45.7	45.7	45.1	45.9	46.3
	8:02			22.7	22.7		8.0	8.0		1.26	1.26		73.3	73.1		6.3	6.3		44.6	44.6		46.6	
10/12/2018	14:10	Cloudy	Surface	20.1	20.1	20.2	7.9	7.9	7.8	0.91	0.91	0.92	82.5	82.5	82.7	7.4	7.4	7.5	3.4	3.4	3.4	1.9	2.1
	14:12			20.2	20.2		7.8	7.8		0.93	0.93		82.9	82.9		7.5	7.5		3.4	3.3		2.2	
12/12/2018	16:30	Cloudy	Surface	18.4	18.4	18.4	7.8	7.7	7.8	0.33	0.33	0.33	82.7	82.5	81.5	7.8	7.7	7.6	2.3	2.3	2.3	<1.0	1.0
	16:32			18.3	18.3		7.8	7.8		0.33	0.33		80.6	80.3		7.6	7.5		2.3	2.2		1.0	
14/12/2018	8:50	Cloudy	Surface	18.4	18.4	18.4	7.4	7.4	7.3	0.27	0.27	0.28	78.0	77.6	77.1	7.3	7.3	7.2	3.3	3.3	3.3	1.0	1.1
	8:52			18.3	18.3		7.2	7.2		0.28	0.28		76.4	76.2		7.2	7.2		3.3	3.3		1.1	
17/12/2018	15:00	Fine	Surface	20.4	20.4	20.6	7.6	7.6	7.6	0.24	0.24	0.24	85.6	85.6	85.2	7.7	7.7	7.6	14.4	14.4	14.4	13.8	14.4
	15:02			20.7	20.7		7.6	7.6		0.24	0.24		85.1	84.3		7.6	7.6		14.4	14.4		14.9	
19/12/2018	13:15	Fine	Surface	20.7	20.7	20.8	8.2	8.2	8.2	0.23	0.23	0.23	87.5	85.8	85.4	7.8	7.7	7.6	3.1	3.0	3.0	2.4	2.7
	13:17			20.9	20.9		8.2	8.2		0.23	0.23		84.4	83.8		7.5	7.5		3.0	3.0		2.9	
21/12/2018	12:10	Fine	Surface	22.7	22.7	22.9	7.8	7.8	7.8	0.61	0.61	0.62	75.3	75.4	74.2	6.4	6.5	6.3	5.8	5.8	5.9	3.9	3.9
	12:12			23.0	23.0		7.8	7.8		0.62	0.62		73.1	73.1		6.3	6.3		5.9	6.0		3.9	
24/12/2018	10:30	Cloudy	Surface	19.7	19.7	19.7	8.1	8.1	8.1	0.21	0.21	0.22	79.3	80.4	80.1	7.2	7.3	7.3	9.1	9.1	9.1	4.1	4.1
	10:32			19.7	19.7		8.1	8.1		0.22	0.22		80.1	80.6		7.3	7.4		9.1	9.1		4.0	
27/12/2018	11:45	Fine	Surface	21.3	21.3	21.4	8.0	8.0	7.9	0.73	0.73	0.74	86.0	86.3	85.1	7.5	7.5	7.4	7.1	7.1	7.1	1.5	1.7
	11:47			21.4	21.4		7.8	7.8		0.75	0.75		84.1	83.8		7.4	7.4		7.1	7.0		1.8	
29/12/2018	9:05	Fine	Surface	16.8	16.8	16.8	7.1	7.1	7.1	0.28	0.28	0.28	74.8	74.0	74.5	7.3	7.3	7.3	4.1	4.0	4.0	2.7	2.8
	9:07			16.7	16.7		7.1	7.1		0.28	0.28		74.4	74.7		7.3	7.3		4.0	4.0		2.8	
31/12/2018	11:30	Cloudy	Surface	18.6	18.6	18.6	7.2	7.2	7.2	0.86	0.86	0.87	81.3	81.8	81.9	7.5	7.6	7.6	4.3	4.3	4.3	5.1	4.9
	11:32			18.5	18.5		7.2	7.2		0.87	0.87		82.1	82.2		7.6	7.6		4.2	4.2		4.6	

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

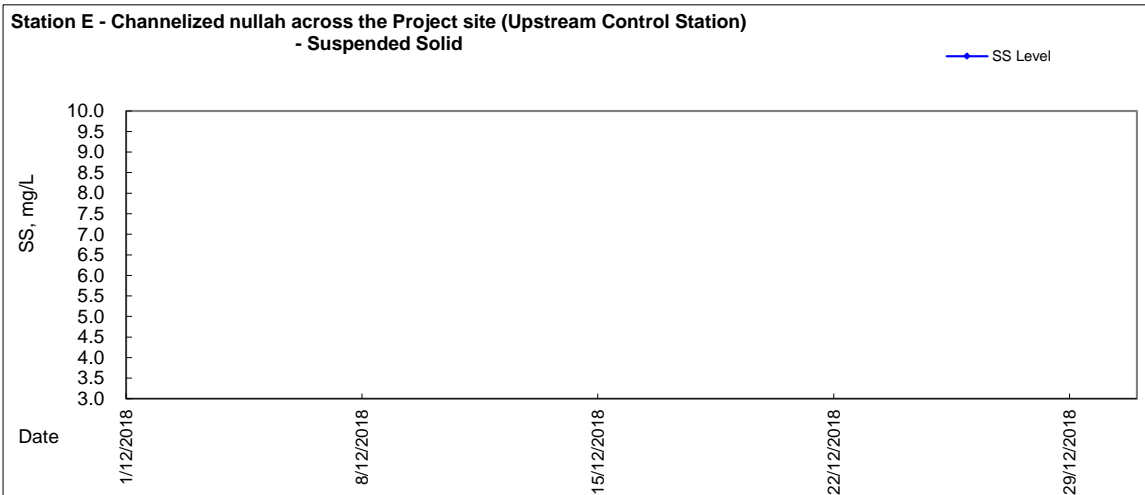
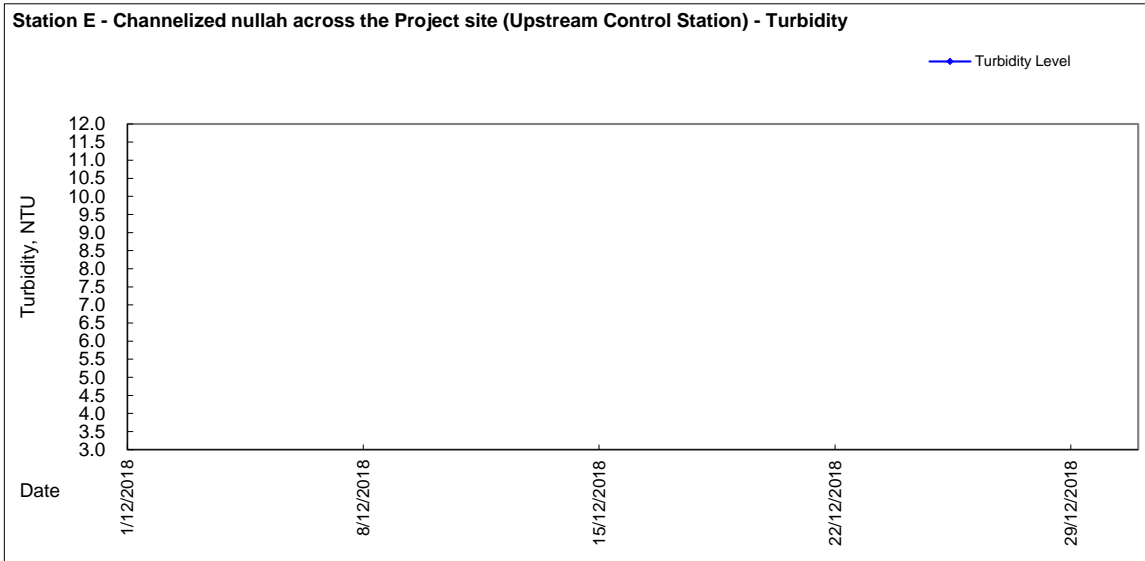


Graphic Presentation of WQM Result



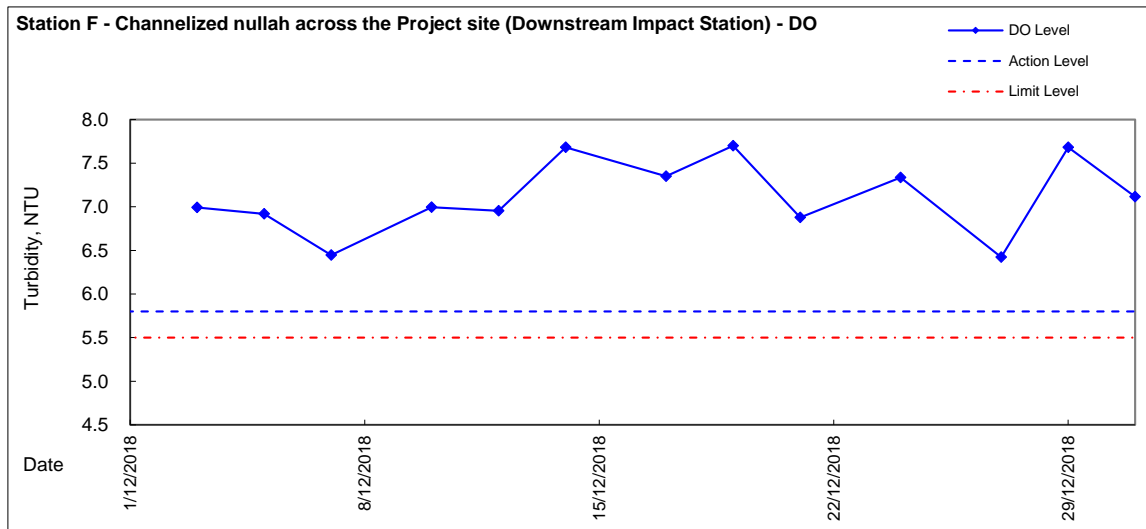
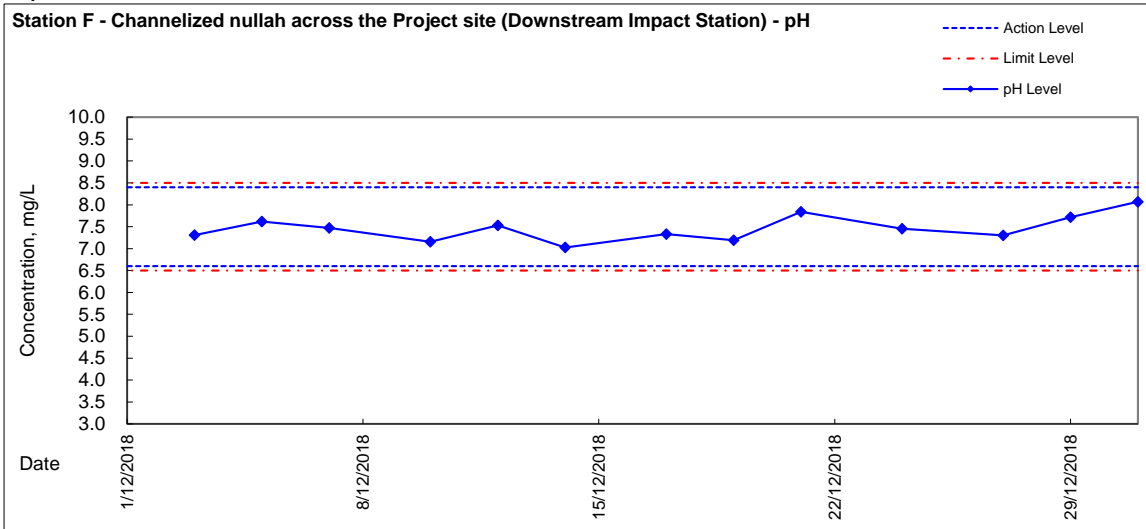


Graphic Presentation of WQM Result



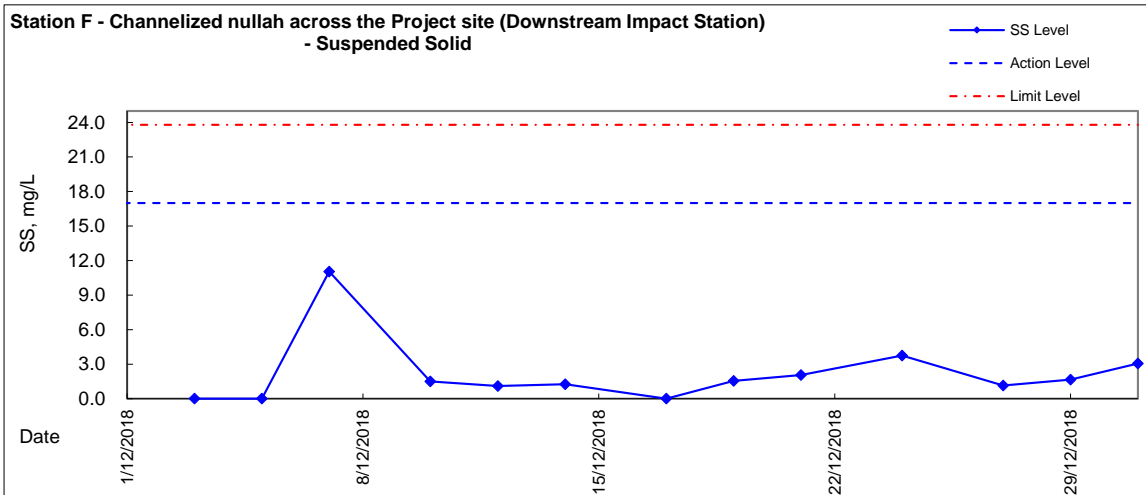
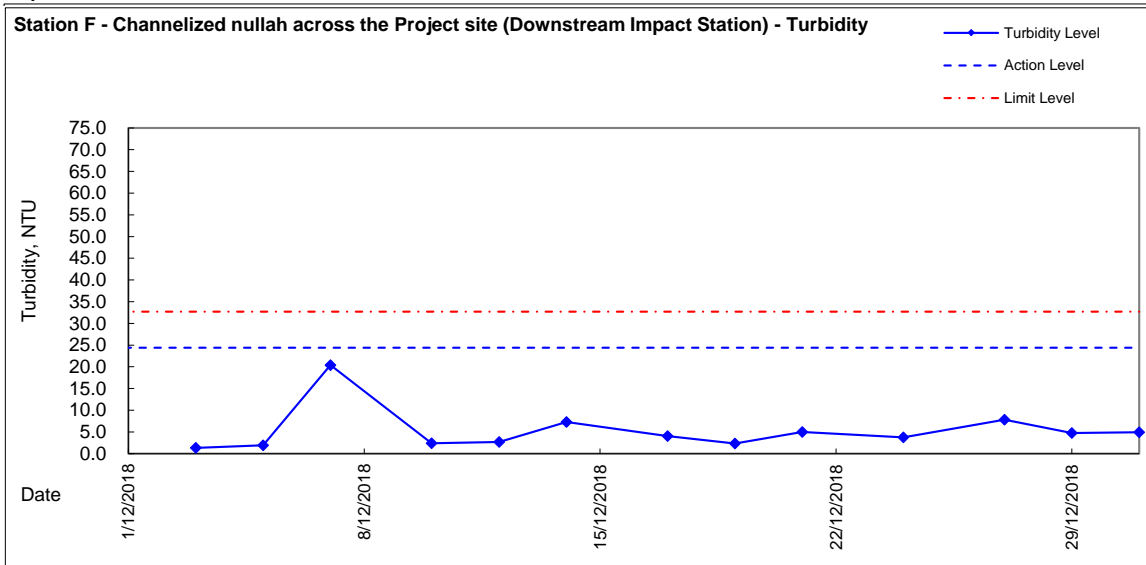


Graphic Presentation of WQM Result





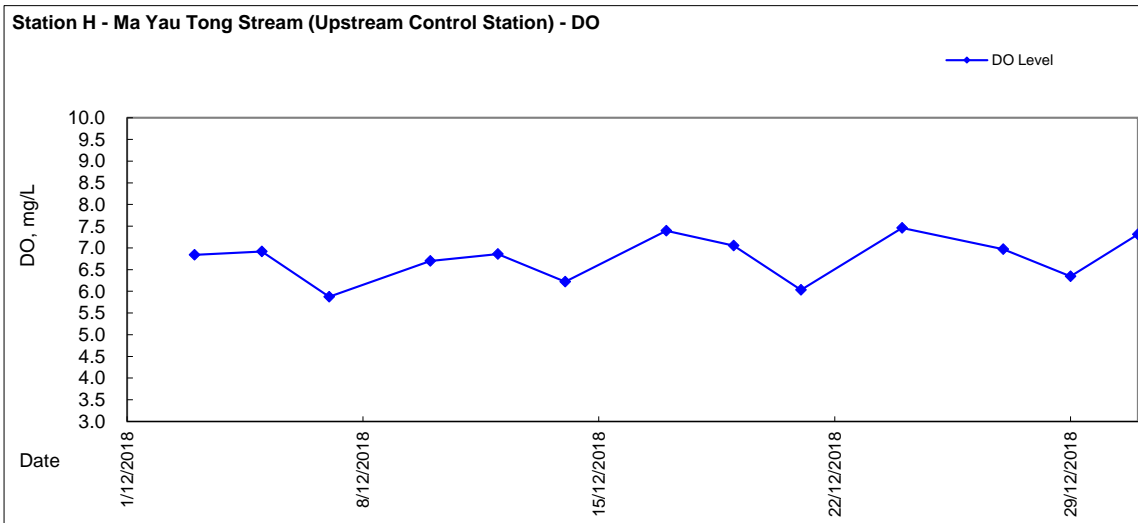
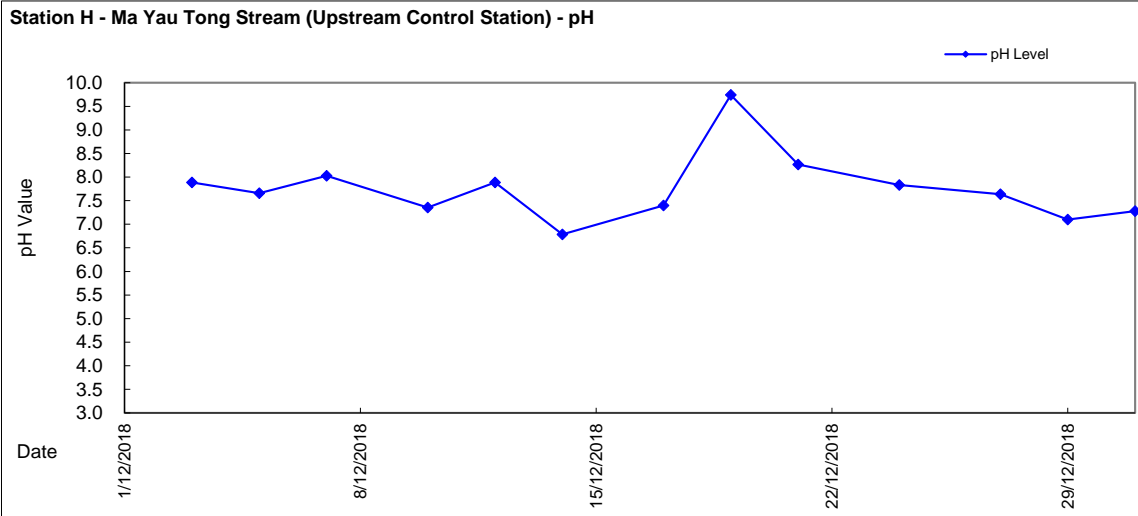
Graphic Presentation of WQM Result





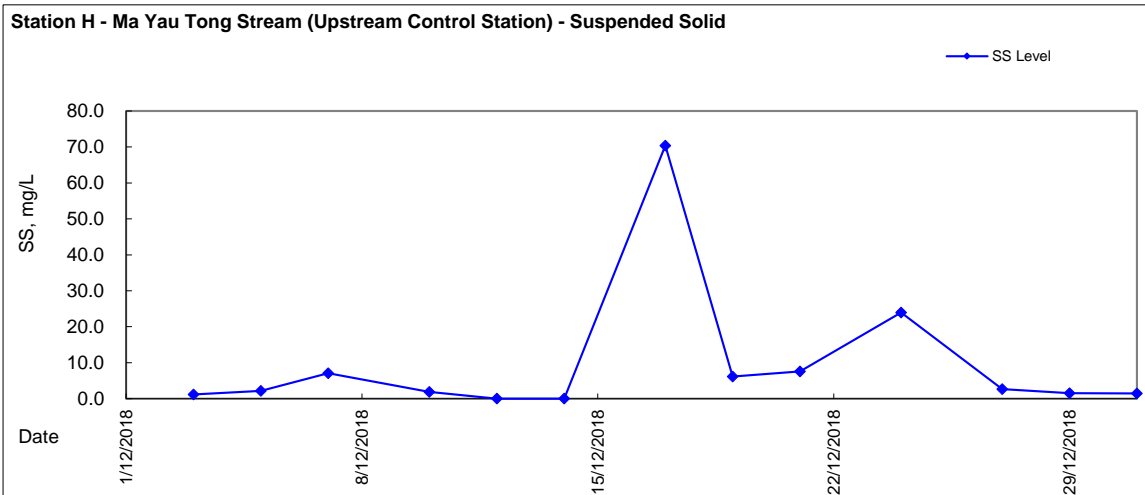
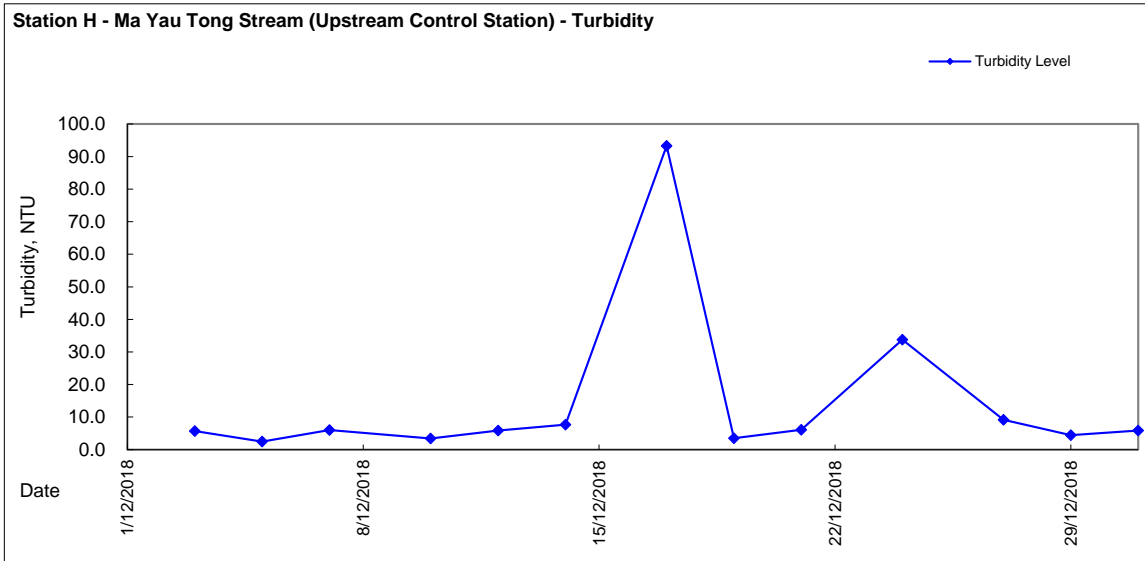


Graphic Presentation of WQM Result



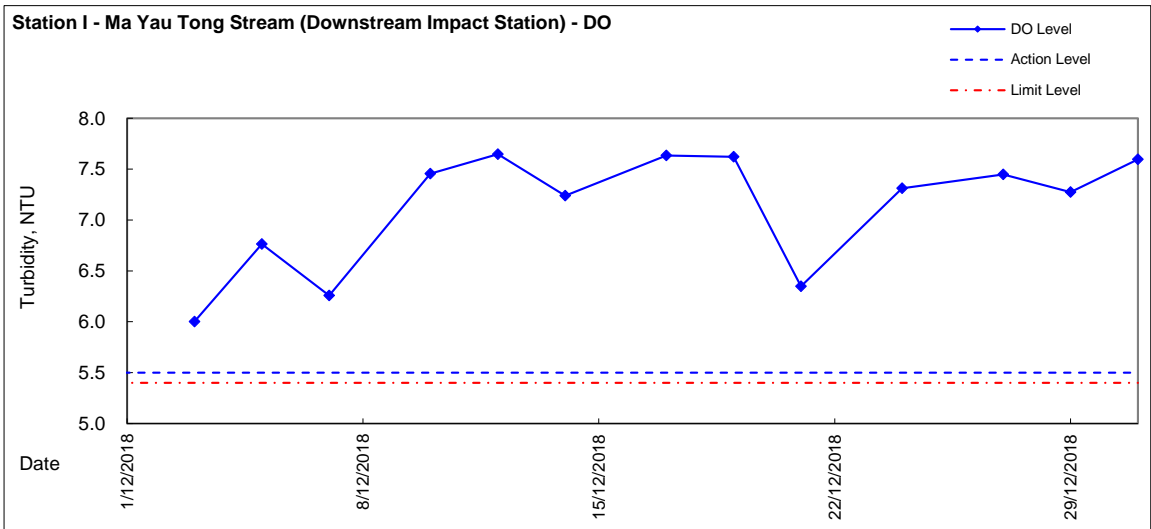
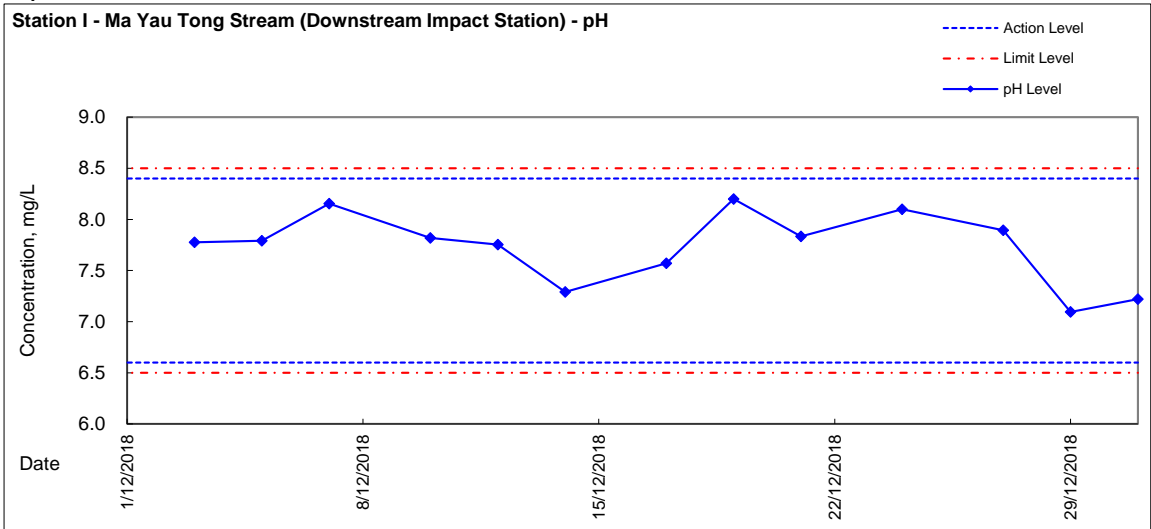


Graphic Presentation of WQM Result





Graphic Presentation of WQM Result





Graphic Presentation of WQM Result

