



**Water Monitoring Result at M5B - Central Cooling Water Intake Group
Mid-Flood Tide**

Date	Time	Weather Condition	Sampling Depth		Water Temperature			pH			Salinity			DO Saturation		DO		Turbidity			Suspended Solids			
					°C		-		ppt		%		mg/L		NTU		mg/L							
			m	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average			
1/6/16	14:36	Fine	Middle	3.5	29.40	29.40	29.50	8.56	8.56	8.57	26.10	26.10	26.10	77.4	77.4	75.5	5.11	5.11	4.99	3.20	3.20	3.21	3	3.50
	14:38		Middle	3.5	29.60	29.60		8.58	8.58		26.09	26.09		75.1	72.1		4.96	4.78		3.22	3.22		4	
3/6/16	15:38	Fine	Middle	3.5	28.80	28.80	28.85	8.54	8.54	8.55	27.76	27.76	27.76	76.8	77.1	76.3	5.08	5.10	5.05	3.93	3.99	4.06	4	5.00
	15:40		Middle	3.5	28.90	28.90		8.56	8.56		27.75	27.75		75.6	75.7		5.00	5.00		4.15	4.16		6	
6/6/16	19:50	Cloudy	Middle	3.0	26.70	26.70	26.75	8.48	8.48	8.50	30.08	30.08	30.08	72.8	73.3	73.2	4.92	4.95	4.95	2.93	2.91	2.82	6	5.00
	19:51		Middle	3.0	26.80	26.80		8.52	8.52		30.08	30.08		73.1	73.6		4.94	4.98		2.80	2.62		4	
8/6/16	20:00	Cloudy	Middle	3.0	27.40	27.40	27.40	8.52	8.50	8.52	28.25	28.25	28.25	71.5	72.4	71.8	4.83	4.89	4.85	3.12	3.35	3.16	8	8.50
	20:01		Middle	3.0	27.40	27.40		8.52	8.52		28.25	28.25		71.8	71.4		4.85	4.82		3.09	3.06		9	
10/6/16	21:53	Cloudy	Middle	3.0	26.50	26.50	26.45	8.56	8.56	8.57	29.27	29.27	29.27	75.6	76.0	75.6	5.17	5.19	5.16	2.15	2.03	2.11	<2	<2
	21:54		Middle	3.0	26.40	26.40		8.57	8.57		29.27	29.27		75.5	75.1		5.16	5.13		2.17	2.08		<2	
14/6/16	23:50	Cloudy	Middle	3.0	28.10	28.10	28.10	8.37	8.37	8.38	24.97	24.97	24.97	70.7	71.1	71.2	4.80	4.83	4.85	3.01	2.60	2.71	11	11.50
	23:51		Middle	3.0	28.10	28.10		8.39	8.39		24.97	24.97		71.6	71.4		4.87	4.88		2.58	2.64		12	
16/6/16	6:06	Cloudy	Middle	3.5	27.90	27.90	27.95	8.43	8.43	8.44	22.14	22.14	22.14	69.5	71.7	71.0	4.81	4.96	4.91	2.46	2.42	2.49	2	2.00
	6:07		Middle	3.5	28.00	28.00		8.44	8.44		22.14	22.14		71.5	71.1		4.95	4.92		2.48	2.59		2	
18/6/16	16:50	Fine	Middle	3.5	27.30	27.30	27.35	8.45	8.42	8.45	27.02	27.02	27.03	62.6	66.4	64.9	4.61	4.52	<u>4.50</u>	4.68	4.68	4.68	6	6.00
	16:52		Middle	3.5	27.40	27.40		8.46	8.46		27.03	27.03		65.8	64.6		4.48	4.40		4.68	4.68		6	
20/6/16	19:40	Fine	Middle	3.0	28.50	28.50	28.55	8.30	8.30	8.35	26.54	26.54	26.55	79.2	82.8	81.8	5.30	5.53	5.45	6.94	6.96	6.85	8	8.50
	19:41		Middle	3.0	28.60	28.60		8.39	8.39		26.55	26.55		81.7	83.6		5.38	5.58		6.83	6.65		9	
22/6/16	19:15	Fine	Middle	3.0	27.70	27.70	27.80	8.35	8.35	8.37	28.17	28.17	28.17	81.7	83.4	82.5	5.47	5.58	5.52	6.24	6.09	6.15	8	8.00
	19:16		Middle	3.0	27.90	27.90		8.40	8.39		28.17	28.17		83.7	81.1		5.59	5.43		6.18	6.07		8	
24/6/16	22:31	Fine	Middle	3.0	29.40	29.40	29.45	8.63	8.63	8.63	29.31	29.31	29.32	72.8	74.1	73.2	4.72	4.91	4.77	4.36	4.09	4.10	4	5.00
	22:32		Middle	3.0	29.50	29.50		8.62	8.62		29.32	29.32		73.0	72.9		4.73	4.73		3.92	4.01		6	
27/6/16	10:35	Sunny	Middle	3.5	29.00	29.00	29.10	8.56	8.56	8.59	26.09	26.09	26.09	78.3	80.1	78.9	5.21	5.32	5.24	5.96	5.92	5.96	6	5.00
	10:37		Middle	3.5	29.20	29.20		8.62	8.62		26.08	26.08		77.9	79.1		5.17	5.25		5.95	5.99		4	
30/6/16	15:14	Fine	Middle	3.5	28.10	28.10	28.20	8.62	8.62	8.63	25.51	25.51	25.51	64.1	61.1	60.6	4.35	4.15	<u>4.12</u>	8.07	7.99	8.01	7	6.00
	15:16		Middle	3.5	28.30	28.30		8.63	8.63		25.50	25.50		59.2	58.1		4.02	3.94		7.99	8.00		5	

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



**Water Monitoring Result at Culvert J - Reference Station
Mid-Flood Tide**

Date	Time	Weather Condition	Sampling Depth		Water Temperature			pH			Salinity		DO Saturation		DO		Turbidity		Suspended Solids					
					°C		-		ppt		%		mg/L		NTU		mg/L							
			m	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average					
1/6/16	14:32	Fine	Middle	3.5	29.80	29.80	29.95	8.50	8.50	8.52	25.41	25.41	25.41	77.5	76.1	75.1	5.10	5.04	4.95	4.29	4.30	4.26	4	4.50
	14:34		Middle	3.5	30.10	30.10		8.54	8.54		25.40	25.40		74.4	72.5		4.89	4.77		4.29	4.15		5	
3/6/16	15:33	Fine	Middle	3.5	29.30	29.30	29.40	8.48	8.48	8.52	24.92	24.92	24.91	77.1	75.2	75.9	5.14	5.01	5.06	7.37	7.44	7.48	8	7.00
	15:35		Middle	3.5	29.50	29.50		8.55	8.55		24.90	24.90		75.1	76.3		5.00	5.08		7.59	7.53		6	
6/6/16	20:00	Cloudy	Middle	2.5	26.60	26.60	26.65	8.55	8.55	8.55	27.60	27.60	27.55	68.7	69.1	68.4	4.72	4.74	4.70	4.26	4.28	4.22	6	5.50
	20:01		Middle	2.5	26.70	26.70		8.55	8.55		27.50	27.50		67.7	68.0		4.65	4.67		4.19	4.16		5	
8/6/16	20:10	Cloudy	Middle	2.5	27.20	27.20	27.25	8.53	8.53	8.53	23.16	23.16	23.16	68.6	69.1	68.8	4.78	4.82	4.79	9.34	9.05	9.17	10	9.00
	20:11		Middle	2.5	27.30	27.30		8.52	8.52		23.16	23.16		68.9	68.4		4.80	4.77		9.08	9.19		8	
10/6/16	22:00	Cloudy	Middle	2.5	26.40	26.40	26.40	8.64	8.64	8.62	24.42	24.42	24.40	60.9	62.9	62.0	4.28	4.42	4.36	8.22	8.00	8.08	5	4.50
	22:01		Middle	2.5	26.40	26.40		8.59	8.60		24.37	24.37		62.0	62.3		4.36	4.38		7.98	8.13		4	
14/6/16	23:58	Cloudy	Middle	2.5	28.30	28.30	28.30	8.44	8.44	8.43	22.41	22.40	22.40	59.1	59.9	60.0	4.10	4.14	4.14	4.70	4.73	4.72	15	14.50
	23:59		Middle	2.5	28.30	28.30		8.42	8.42		22.40	22.39		60.0	60.9		4.13	4.18		4.74	4.69		14	
16/6/16	6:13	Cloudy	Middle	3.0	27.70	27.70	27.70	8.49	8.49	8.48	20.20	20.20	20.21	66.0	67.2	66.9	4.66	4.74	4.72	3.00	3.02	2.99	3	2.50
	6:14		Middle	3.0	27.70	27.70		8.47	8.47		20.21	20.21		67.4	67.1		4.75	4.73		2.98	2.96		2	
18/6/16	16:46	Fine	Middle	3.5	27.50	27.50	27.65	8.34	8.34	8.38	25.68	25.68	25.66	67.6	67.6	67.4	4.62	4.61	4.60	7.76	7.26	7.60	8	8.50
	16:48		Middle	3.5	27.80	27.80		8.42	8.42		25.63	25.63		67.4	67.1		4.59	4.57		7.83	7.53		9	
20/6/16	19:52	Fine	Middle	2.5	28.60	28.60	28.60	8.67	8.67	8.65	21.31	21.31	21.31	63.2	62.2	63.1	4.35	4.27	4.34	12.43	11.89	12.16	10	9.00
	19:53		Middle	2.5	28.60	28.60		8.63	8.63		21.30	21.30		63.0	63.8		4.34	4.39		12.26	12.04		8	
22/6/16	19:23	Fine	Middle	2.5	27.80	27.80	27.90	8.62	8.62	8.62	25.13	25.13	25.13	76.7	77.0	76.9	5.23	5.25	5.24	11.57	11.09	11.23	12	12.00
	19:24		Middle	2.5	28.00	28.00		8.61	8.61		25.12	25.12		76.3	77.5		5.20	5.27		11.06	11.19		12	
24/6/16	22:37	Fine	Middle	2.5	29.60	29.60	29.60	8.59	8.59	8.58	26.17	26.17	26.17	46.4	47.7	47.3	3.10	3.14	3.12	4.75	4.98	4.81	6	6.50
	22:38		Middle	2.5	29.60	29.60		8.56	8.56		26.17	26.17		47.5	47.4		3.13	3.12		5.01	4.48		7	
27/6/16	10:30	Sunny	Middle	3.5	29.00	29.00	29.10	8.50	8.50	8.52	23.97	23.97	23.97	70.1	70.9	70.1	4.73	4.77	4.72	9.27	9.27	9.29	6	6.50
	10:32		Middle	3.5	29.20	29.20		8.53	8.53		23.97	23.97		69.3	69.9		4.68	4.70		9.30	9.31		7	
30/6/16	15:10	Fine	Middle	3.5	28.50	28.50	28.60	8.61	8.61	8.62	23.71	23.71	23.67	53.6	54.0	54.3	3.64	3.67	3.68	9.87	9.90	9.92	6	6.50
	15:12		Middle	3.5	28.70	28.70		8.63	8.63		23.62	23.62		54.5	54.9		3.70	3.72		9.91	9.99		7	



**Water Monitoring Result at M5B - Central Colling Water Intake Group
Mid-Ebb Tide**

Date	Time	Weater Condition	Sampling Depth		Water Temperature			pH			Salinity		DO Saturation		DO		Turbidity		Suspended Solids					
					°C			-			ppt		%		mg/L		NTU		mg/L					
					Value	Average		Value	Average		Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average		
1/6/16	8:50	Fine	Middle	3.5	28.10	28.10	28.15	8.54	8.54	8.56	26.62	26.62	26.62	78.5	78.5	77.8	5.29	5.29	5.24	3.86	3.87	3.85	4	4.50
	8:52		Middle	3.5	28.20	28.20		8.57	8.57		26.62	26.62		76.9	77.3		5.18	5.20		3.85	3.80		5	
3/6/16	10:45	Fine	Middle	4.0	29.00	29.00	29.05	8.51	8.51	8.54	26.20	26.20	26.20	77.1	77.5	77.3	5.12	5.15	5.13	5.87	5.90	5.91	4	5.00
	10:47		Middle	4.0	29.10	29.10		8.57	8.57		26.20	26.20		77.0	77.4		5.12	5.14		5.95	5.93		6	
6/6/16	-	Amber Rainstorm Warning Signal	Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		Middle	-	-	-		-	-		-	-		-	-		-	-		-	-		-	
8/6/16	15:02	Cloudy	Middle	3.5	27.80	27.80	27.75	8.46	8.46	8.48	29.07	29.07	29.07	62.7	61.8	62.0	4.20	4.14	<u>4.15</u>	4.05	4.02	3.99	7	7.00
	15:04		Middle	3.5	27.70	27.70		8.49	8.49		29.06	29.06		61.7	61.8		4.13	4.14		4.01	3.89		7	
10/6/16	18:12	Fine	Middle	3.5	27.40	27.40	27.35	8.28	8.28	8.33	27.91	27.91	27.94	62.4	61.5	61.4	4.24	4.17	<u>4.16</u>	4.39	4.33	4.40	4	3.50
	18:14		Middle	3.5	27.30	27.30		8.37	8.37		27.96	27.96		61.1	60.4		4.14	4.09		4.38	4.48		3	
13/6/16	19:55	Cloudy	Middle	3.0	28.20	28.20	28.25	8.39	8.39	8.40	25.16	25.16	25.16	72.0	73.6	73.9	4.88	4.90	4.99	4.68	4.61	4.54	11	12.00
	19:56		Middle	3.0	28.30	28.30		8.40	8.40		25.16	25.16		74.4	75.6		5.04	5.12		4.45	4.40		13	
16/6/16	10:20	Fine	Middle	3.5	28.80	28.80	28.80	8.35	8.35	8.37	20.86	20.86	20.86	72.8	73.0	73.3	5.01	5.02	5.04	4.03	4.00	3.99	3	3.00
	10:22		Middle	3.5	28.80	28.80		8.38	8.38		20.86	20.86		74.4	73.0		5.11	5.02		3.97	3.96		3	
18/6/16	11:07	Fine	Middle	3.5	28.30	28.30	28.35	8.28	8.28	8.31	26.61	26.61	26.60	64.7	64.0	63.5	4.34	4.30	<u>4.26</u>	5.22	5.20	5.06	4	4.50
	11:09		Middle	3.5	28.40	28.40		8.34	8.34		26.59	26.59		62.8	62.4		4.22	4.19		4.93	4.90		5	
20/6/16	11:52	Sunny	Middle	3.5	28.70	28.70	28.75	8.69	8.69	8.71	25.84	25.84	25.83	73.8	73.0	72.7	4.94	4.88	4.87	5.48	5.47	5.55	8	8.50
	11:54		Middle	3.5	28.80	28.80		8.72	8.72		25.82	25.82		72.2	71.9		4.83	4.81		5.62	5.62		9	
22/6/16	11:04	Sunny	Middle	3.5	27.80	27.80	27.80	8.53	8.53	8.56	29.03	29.03	28.96	68.7	69.6	69.3	4.60	4.66	4.63	5.89	5.77	5.82	6	6.00
	11:06		Middle	3.5	27.80	27.80		8.59	8.59		28.88	28.88		69.8	68.9		4.67	4.60		5.87	5.76		6	
24/6/16	15:08	Fine	Middle	3.5	28.30	28.30	28.40	8.54	8.54	8.56	29.11	29.11	29.11	80.4	78.5	78.0	5.32	5.26	5.18	4.33	4.29	4.18	6	6.00
	15:10		Middle	3.5	28.50	28.50		8.58	8.58		29.11	29.11		76.3	76.8		5.05	5.07		4.05	4.03		6	
27/6/16	16:39	Sunny	Middle	3.5	29.70	29.70	29.70	8.63	8.63	8.69	25.87	25.87	25.98	71.4	70.0	71.2	4.71	4.61	4.69	6.00	6.00	6.03	4	4.50
	16:41		Middle	3.5	29.70	29.70		8.74	8.74		26.09	26.09		71.2	72.3		4.69	4.76		6.06	6.07		5	
30/6/16	8:33	Fine	Middle	3.5	28.30	28.30	28.35	8.66	8.66	8.67	24.67	24.67	24.69	61.0	60.6	60.2	4.11	4.11	<u>4.08</u>	7.53	7.71	7.60	3	3.50
	8:35		Middle	3.5	28.40	28.40		8.67	8.67		24.71	24.71		60.0	59.1		4.07	4.01		7.61	7.56		4	

Remarks:
 Single underline denotes exceedance over Action Level.
 Double underline denotes exceedance over Limit Level.
 Due to the hoisting of Amber Rainstorm Warning Signal, the water quality monitoring events on 6 July 216 during ebb tide was cancelled.



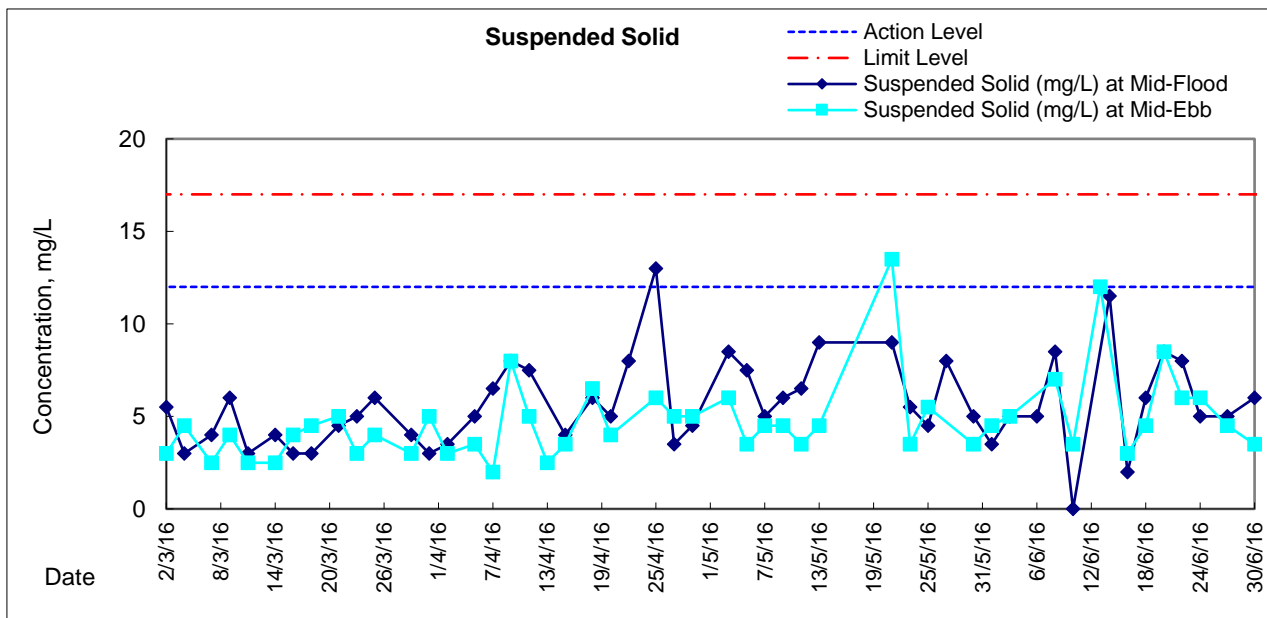
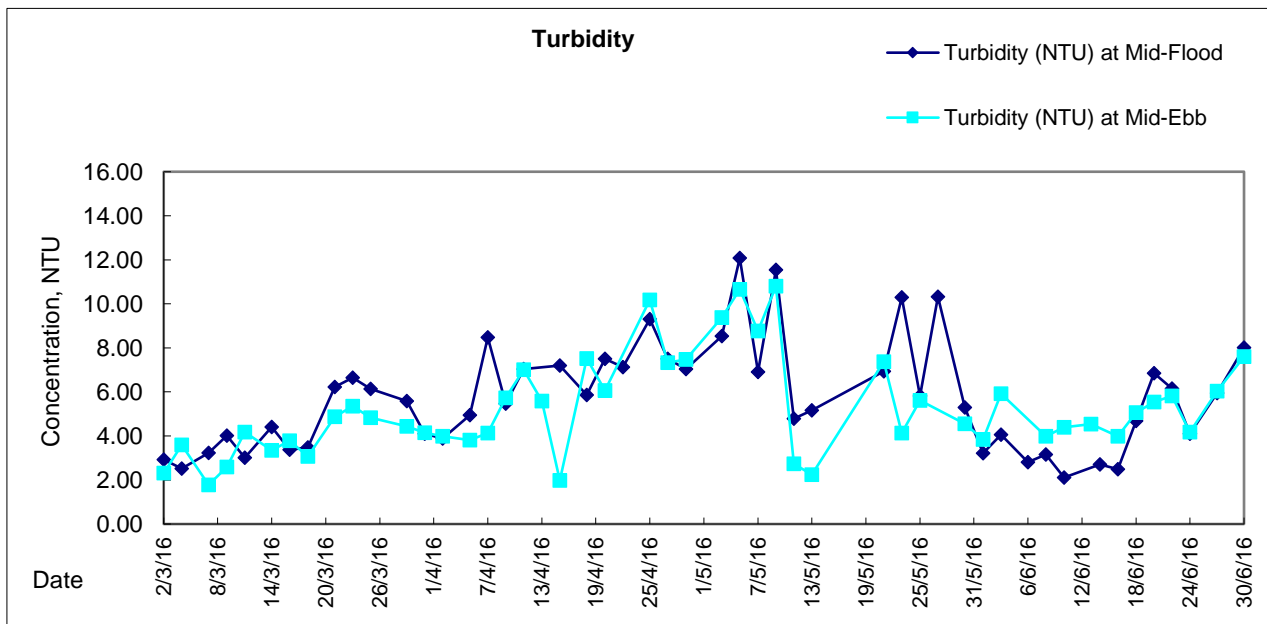
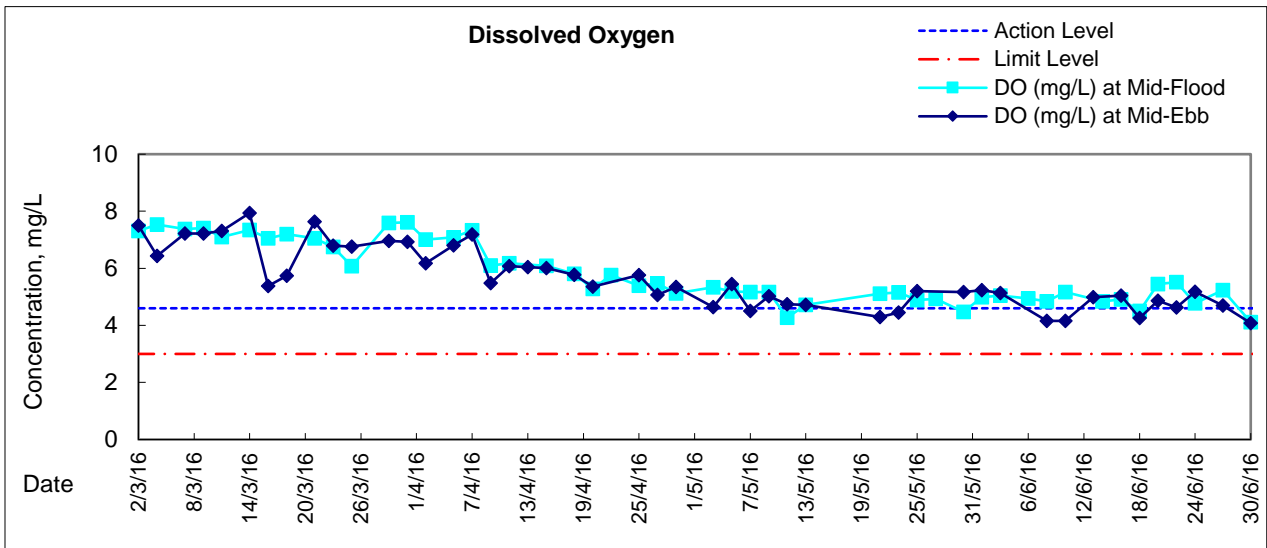
**Water Monitoring Result at Culvert J - Reference Station
Mid-Ebb Tide**

Date	Time	Weater Condition	Sampling Depth		Water Temperature			pH			Salinity		DO Saturation		DO		Turbidity		Suspended Solids					
					°C		-		ppt		%		mg/L		NTU		mg/L							
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average				
1/6/16	8:45	Fine	Middle	4	28.30	28.30	28.40	8.46	8.46	8.49	26.12	26.12	26.12	78.6	79.1	78.4	5.29	5.32	5.27	4.15	4.15	4.10	4	3.50
	8:47		Middle	4	28.50	28.50		8.52	8.52		26.12	26.12		78.3	77.5		5.26	5.21		4.08	4.02		3	
3/6/16	10:40	Fine	Middle	4	29.10	29.10	29.10	8.50	8.50	8.50	24.31	24.31	24.31	74.4	74.4	74.0	4.99	4.99	4.97	6.80	6.89	6.84	6	6.50
	10:42		Middle	4	29.10	29.10		8.50	8.50		24.31	24.31		73.0	74.1		4.94	4.97		6.83	6.82		7	
6/6/16	-	Amber Rainstorm Warning Signal	Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		Middle	-	-	-		-	-		-	-		-	-		-	-		-	-		-	
8/6/16	14:58	Cloudy	Middle	4	27.70	27.70	27.75	8.43	8.43	8.44	28.86	28.86	28.86	62.3	61.7	62.3	4.17	4.13	4.16	2.84	2.78	2.83	7	7.50
	15:00		Middle	4	27.80	27.80		8.45	8.45		28.86	28.86		62.1	62.9		4.15	4.20		2.83	2.85		8	
10/6/16	18:08	Fine	Middle	4	27.40	27.40	27.40	8.20	8.20	8.26	22.48	22.48	22.48	63.5	61.7	62.2	4.43	4.37	4.36	9.60	9.79	9.69	8	8.50
	18:10		Middle	4	27.40	27.40		8.32	8.32		22.47	22.47		60.3	63.2		4.21	4.41		9.69	9.68		9	
13/6/16	20:07	Cloudy	Middle	3	27.80	27.80	27.80	8.51	8.51	8.49	18.69	18.69	18.69	58.8	59.4	59.3	4.16	4.20	4.19	9.68	9.23	9.39	16	16.00
	20:08		Middle	3	27.80	27.80		8.47	8.47		18.69	18.69		59.6	59.4		4.21	4.20		9.31	9.34		16	
16/6/16	10:15	Fine	Middle	4	28.70	28.70	28.80	8.31	8.31	8.32	20.51	20.51	20.51	69.7	69.9	68.9	4.80	4.81	4.75	5.41	5.45	5.45	5	5.50
	10:17		Middle	4	28.90	28.90		8.32	8.32		20.51	20.51		68.4	67.7		4.71	4.66		5.46	5.46		6	
18/6/16	11:03	Fine	Middle	4	28.30	28.30	28.45	8.25	8.25	8.27	25.39	25.39	25.36	55.4	56.0	56.6	3.74	3.77	3.82	5.62	5.82	5.81	6	6.50
	11:05		Middle	4	28.60	28.60		8.28	8.28		25.32	25.32		57.4	57.4		3.87	3.88		5.89	5.89		7	
20/6/16	11:48	Sunny	Middle	4	28.90	28.90	29.05	8.81	8.61	8.69	25.62	25.62	25.61	76.3	76.6	76.0	5.08	5.11	5.07	5.90	5.90	5.91	6	6.50
	11:50		Middle	4	29.20	29.20		8.66	8.66		25.62	25.58		76.2	74.9		5.08	4.99		5.91	5.93		7	
22/6/16	11:08	Sunny	Middle	4	27.80	27.80	27.80	8.62	8.62	8.61	26.76	26.76	26.75	64.9	63.9	63.7	4.39	4.32	4.31	6.67	6.82	6.81	10	10.00
	11:10		Middle	4	27.80	27.80		8.60	8.60		26.74	26.74		63.5	62.6		4.30	4.23		6.85	6.89		10	
24/6/16	15:04	Fine	Middle	4	28.60	28.60	28.80	8.52	8.52	8.52	26.17	26.17	26.17	70.4	67.4	68.3	4.70	4.50	4.57	8.17	8.15	8.21	4	4.00
	15:06		Middle	4	29.00	29.00		8.52	8.52		26.16	26.16		67.4	68.1		4.50	4.58		8.25	8.25		4	
27/6/16	16:35	Sunny	Middle	4	29.50	29.50	29.60	8.62	8.62	8.64	23.27	23.27	23.25	64.4	66.2	66.1	4.32	4.43	4.43	9.91	9.93	9.96	6	6.00
	16:37		Middle	4	29.70	29.70		8.65	8.65		23.22	23.22		68.0	65.8		4.55	4.40		9.94	10.06		6	
30/6/16	8:29	Fine	Middle	4	28.20	28.20	28.25	8.59	8.59	8.62	24.79	24.79	24.80	58.5	57.6	57.8	3.98	3.92	3.93	6.82	6.86	6.84	4	3.50
	8:30		Middle	4	28.30	28.30		8.65	8.65		24.80	24.80		57.4	57.6		3.89	3.91		6.84	6.83		3	

Remark:
Due to the hoisting of Amber Rainstorm Warning Signal, the water quality monitoring events on 6 July 216 during ebb tide was cancelled.



Graphic Presentation of Water Quality Result of M5B - Central Cooling Water Intake Groups





Graphic Presentation of Water Quality Result of Culvert J - Reference Station

