

Project Name: Contract No. CV/2012/09 Liantang / Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure works - Contract 3  
Entrusted Portion of Widening of Tolo Highway / Fanling Highway between Island House Interchange and Fanling - Stage 2

Date of Monitoring: 1/3/2017 Weather: Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	
C3a	11:23	<0.5	22.3	6.3	7.1	82.1	17.0	<0.1	12.5
C3b	11:43	<0.5	20.8	6.7	7.6	84.8	5.9	<0.1	3.25
I5	11:55	<0.5	22.5	6.9	9.5	109.5	4.8	<0.1	<2.5

Date of Monitoring: 1/5/2017 Weather: Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	
C3a	11:14	<0.5	22.8	6.4	7.6	88.5	17.2	<0.1	12.5
C3b	11:34	<0.5	21.5	6.6	7.7	86.7	8.9	<0.1	6.35
I5	11:48	<0.5	23.0	6.8	8.9	104.2	5.8	<0.1	4.6

Date of Monitoring: 1/7/2017 Weather: Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	
C3a	9:13	<0.5	20.9	6.2	5.8	64.5	16.7	<0.1	11.5
C3b	9:36	<0.5	20.6	6.6	7.4	82.2	16.7	<0.1	9.3
I5	9:49	<0.5	20.6	6.8	7.1	78.9	5.1	<0.1	<2.5

Date of Monitoring: 1/9/2017 Weather: Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	
C3a	11:16	<0.5	22.1	6.4	7.4	85.3	16.5	<0.1	6.15
C3b	11:41	<0.5	21.2	6.9	7.6	85.3	29.0	<0.1	17
I5	11:54	<0.5	22.4	7.0	8.6	99.6	8.0	<0.1	5.05

Date of Monitoring: 1/11/2017 Weather: Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	
C3a	11:11	<0.5	21.6	7.0	7.4	83.9	11.5	<0.1	8.55
C3b	11:36	<0.5	20.7	6.9	7.6	85.2	73.2	<0.1	38.5
I5	11:51	<0.5	21.6	6.9	8.6	97.2	29.7	<0.1	16

Date of Monitoring: 1/13/2017 Weather: Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (°C)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	
C3a	11:05	<0.5	17.7	6.3	7.6	79.4	9.9	<0.1	5.55
C3b	11:28	<0.5	17.6	6.7	7.9	82.7	25.1	<0.1	13.5
I5	11:42	<0.5	17.4	7.0	7.5	78.1	7.2	<0.1	2.85

Date of Monitoring: 1/16/2017 Weather: Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (°C)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	
C3a	11:03	<0.5	17.5	6.3	7.0	73.5	11.6	<0.1	2.6
C3b	11:26	<0.5	17.3	6.7	7.9	82.3	9.6	<0.1	6.1
I5	11:41	<0.5	17.4	7.0	7.4	77.2	5.9	<0.1	5.3

Date of Monitoring: 1/18/2017 Weather: Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (°C)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	
C3a	11:11	<0.5	20.3	6.5	6.2	68.4	14.7	<0.1	11.65
C3b	11:33	<0.5	19.6	6.8	7.8	84.9	11.0	<0.1	7.15
I5	11:45	<0.5	19.9	7.0	7.1	78.2	7.4	<0.1	4.4

Date of Monitoring: 1/20/2017 Weather: Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	
C3a	11:12	<0.5	20.2	6.2	7.1	78.7	17.4	<0.1	12.5
C3b	11:34	<0.5	19.0	6.7	7.8	84.3	10.9	<0.1	8.1

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I5	11:46	<0.5	20.2	6.9	8.0	88.9	11.6	<0.1	6.45
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Date of Monitoring: 1/23/2017 Weather: Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (°C)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	
C3a	11:10	<0.5	19.6	6.3	6.9	75.5	12.7	<0.1	7.8
C3b	11:32	<0.5	18.3	6.7	8.2	87.4	10.5	<0.1	9.2
I5	11:43	<0.5	18.8	7.0	8.4	90.4	7.0	<0.1	3.8

Date of Monitoring: 1/25/2017 Weather: Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	
C3a	11:07	<0.5	20.9	6.4	7.1	79.2	13.1	<0.1	6.9
C3b	11:29	<0.5	19.7	6.8	8.1	88.6	7.5	<0.1	3.8
I5	11:43	<0.5	20.5	7.0	8.2	90.7	6.9	<0.1	3.2

Date of Monitoring: 1/27/2017 Weather: Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	
C3a	11:06	<0.5	19.9	6.4	7.9	87.1	15.0	<0.1	14.5
C3b	11:32	<0.5	18.9	6.7	7.9	85.2	9.2	<0.1	4.3
I5	11:47	<0.5	19.6	6.9	8.0	87.7	5.7	<0.1	2.8