

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: 2/1/2017 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	Average Value
C3a	11:07	<0.5	20.8	6.3	7.4	83.2	14.4	<0.1	11
C3b	11:32	<0.5	20.0	6.6	7.6	83.3	7.6	<0.1	3.85
I5	11:48	<0.5	20.8	7.0	7.9	88.6	6.3	<0.1	2.8

Date of Monitoring: 2/3/2017 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	Average Value
C3a	11:08	<0.5	18.9	6.4	7.2	77.5	12.9	<0.1	13.05
C3b	11:36	<0.5	18.7	6.7	8.0	85.2	7.5	<0.1	3.65
I5	11:50	<0.5	19.1	6.9	7.4	79.5	5.6	<0.1	2.8

Date of Monitoring: 2/6/2017 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	Average Value
C3a	11:22	<0.5	22.2	6.4	7.7	88.2	21.4	<0.1	25.5
C3b	11:44	<0.5	20.5	6.6	7.2	80.0	7.5	<0.1	5.8
I5	11:56	<0.5	21.5	6.8	6.8	77.4	5.7	<0.1	<2.5

Date of Monitoring: 2/8/2017 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	Average Value
C3a	8:44	<0.5	18.4	6.3	5.7	60.3	14.3	<0.1	17.95
C3b	9:09	<0.5	18.3	6.5	6.6	70.1	7.6	<0.1	5.75
I5	9:22	<0.5	18.3	6.8	5.2	55.0	6.1	<0.1	3.2

Date of Monitoring: 2/10/2017 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	Average Value
C3a	12:26	<0.5	16.9	6.6	8.6	88.5	17.0	<0.1	18
C3b	11:50	<0.5	16.1	6.5	9.3	94.5	11.2	<0.1	7.3
I5	12:01	<0.5	15.2	6.7	8.5	85.1	8.1	<0.1	5.9

Date of Monitoring: 2/13/2017 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	Average Value
C3a	11:17	<0.5	19.1	6.4	8.6	93.1	18.2	<0.1	14
C3b	11:46	<0.5	18.2	6.6	7.8	83.2	8.5	<0.1	4.15
I5	11:56	<0.5	18.0	7.1	8.1	85.3	6.4	<0.1	<2.5

Date of Monitoring: 2/15/2017 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	Average Value
C3a	10:54	<0.5	18.8	6.6	9.7	103.7	24.4	<0.1	34.5
C3b	11:10	<0.5	18.1	6.8	8.1	86.3	10.0	<0.1	14.5
I5	11:23	<0.5	18.5	7.2	7.6	80.7	11.1	<0.1	15

Date of Monitoring: 2/17/2017 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	Average Value
C3a	11:07	<0.5	21.4	6.7	8.9	101.1	17.4	<0.1	16.5
C3b	11:31	<0.5	20.5	6.9	8.2	91.0	8.6	<0.1	10.5
I5	11:42	<0.5	21.0	7.0	8.8	98.8	12.4	<0.1	10.35

Date of Monitoring: 2/20/2017 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	Average Value
C3a	11:28	<0.5	22.9	7.1	8.4	85.0	12.9	<0.1	11.5
C3b	11:57	<0.5	21.5	7.1	9.0	92.1	9.0	<0.1	12

Project Name: Contract No. CV/2012/09 Liantang / Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure works - Contract 3

I5	12:08	<0.5	22.2	7.3	8.3	82.4	5.7	<0.1	4.75
----	-------	------	------	-----	-----	------	-----	------	------

Date of Monitoring: 2/22/2017

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	Average Value
C3a	11:27	<0.5	21.1	7.0	8.6	95.6	32.8	<0.1	24.5
C3b	11:49	<0.5	20.7	7.1	8.8	98.8	12.6	<0.1	10.25
I5	12:01	<0.5	22.0	7.2	9.1	103.8	23.5	<0.1	14

Date of Monitoring: 2/24/2017

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	Average Value
C3a	11:22	<0.5	15.7	6.6	9.5	95.7	13.2	<0.1	12.5
C3b	11:46	<0.5	15.6	7.1	8.3	83.5	29.5	<0.1	21.5
I5	11:59	<0.5	14.9	7.3	9.2	91.4	6.9	<0.1	5.95

Date of Monitoring: 2/27/2017

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	Average Value
C3a	11:36	<0.5	19.3	7.0	8.5	91.7	31.6	<0.1	38
C3b	11:56	<0.5	18.3	7.1	8.0	85.3	8.2	<0.1	9
I5	12:09	<0.5	20.3	7.2	7.9	87.5	24.7	<0.1	15