

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: 3/1/2017 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	11:19	<0.5	20.3	6.5	8.3	91.2	21.5	<0.1	21
C3b	11:43	<0.5	19.4	6.9	8.6	93.9	10.1	<0.1	9.35
I5	11:59	<0.5	19.9	7.1	8.1	89.0	15.2	<0.1	8.55

Date of Monitoring: 3/3/2017 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	12:08	<0.5	21.6	6.7	8.2	92.7	25.5	<0.1	17
C3b	12:30	<0.5	19.8	6.9	8.5	93.0	7.6	<0.1	7.4
I5	12:41	<0.5	21.3	7.1	7.8	88.0	22.5	<0.1	15.5

Date of Monitoring: 3/6/2017 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	15:11	<0.5	24.4	6.7	8.0	91.5	20.4	<0.1	9.65
C3b	15:32	<0.5	21.9	6.9	8.1	92.9	9.1	<0.1	3.95
I5	15:45	<0.5	23.3	7.1	7.9	88.2	16.4	<0.1	11

Date of Monitoring: 3/8/2017 Weather : Rainy

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	11:34	<0.5	18.2	6.8	9.0	95.3	43.5	<0.1	28
C3b	11:55	<0.5	18.2	6.9	8.8	93.7	20.4	<0.1	12
I5	12:10	<0.5	18.3	7.1	8.3	89.3	40.9	<0.1	33.5

Date of Monitoring: 3/10/2017 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	11:18	<0.5	19.6	6.4	8.8	100.2	22.1	<0.1	16
C3b	11:43	<0.5	19.4	6.8	8.5	95.9	12.6	<0.1	5.15
I5	11:58	<0.5	19.3	7.1	8.2	89.9	10.3	<0.1	15.5

Date of Monitoring: 3/13/2017 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	11:08	<0.5	22.7	6.4	8.8	102.1	30.9	<0.1	18.5
C3b	11:34	<0.5	22.5	6.8	8.6	98.5	9.0	<0.1	4.65
I5	11:47	<0.5	22.2	6.9	8.2	88.7	11.5	<0.1	16.5

Date of Monitoring: 3/15/2017 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	11:56	<0.5	19.0	7.9	6.9	73.9	38.4	<0.1	7.3
C3b	12:17	<0.5	18.4	7.7	7.1	75.8	8.4	<0.1	3.9
I5	12:28	<0.5	19.3	7.8	7.1	77.5	9.0	<0.1	5.15

Date of Monitoring: 3/17/2017 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	11:41	<0.5	19.4	7.0	8.0	87.0	29.5	<0.1	29.5
C3b	12:04	<0.5	19.3	7.3	8.8	95.3	3.6	<0.1	5.35
I5	12:15	<0.5	19.4	7.6	8.4	92.1	2.0	<0.1	3.05

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Date of Monitoring: 3/20/2017 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	10:49	<0.5	23.7	7.3	6.8	80.8	27.7	<0.1	22
C3b	11:15	<0.5	23.0	7.3	6.3	73.8	5.5	<0.1	4.95
I5	11:26	<0.5	24.6	7.4	7.9	95.3	5.0	<0.1	3.5

Date of Monitoring: 3/22/2017 Weather : Rainy

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	11:54	<0.5	19.9	7.3	5.5	60.1	27.7	<0.1	34
C3b	12:13	<0.5	19.9	7.3	6.5	71.4	4.2	<0.1	4.45
I5	12:22	<0.5	20.4	7.6	6.4	71.2	3.8	<0.1	3.15

Date of Monitoring: 3/24/2017 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	11:37	<0.5	26.1	7.1	6.6	81.6	24.2	<0.1	15.5
C3b	12:01	<0.5	23.4	7.0	6.5	76.2	5.2	<0.1	4.2
I5	12:12	<0.5	26.9	7.3	10.2	128.0	3.9	<0.1	4.1

Date of Monitoring: 3/27/2017 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	13:34	<0.5	23.7	6.5	7.2	84.9	15.8	<0.1	11.2
C3b	13:50	<0.5	20.8	6.9	6.8	76.4	6.8	<0.1	6.85
I5	14:00	<0.5	21.9	7.2	7.7	87.9	2.2	<0.1	3.8

Date of Monitoring: 3/29/2017 Weather : Rainy

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	11:16	<0.5	21.9	6.2	5.9	66.8	28.6	<0.1	25.5
C3b	11:28	<0.5	21.4	6.6	6.6	74.8	19.1	<0.1	9.15
I5	11:34	<0.5	21.8	6.9	6.3	71.5	18.4	<0.1	15.5

Date of Monitoring: 3/31/2017 Weather : Rainy

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	12:06	<0.5	22.2	6.3	5.5	63.4	78.7	<0.1	30
C3b	12:32	<0.5	22.2	6.4	6.4	73.1	34.6	<0.1	13.5
I5	12:42	<0.5	22.2	6.7	6.7	76.6	66.1	<0.1	40.5