

Agreement No. CE 32/2014 (HY) Elevated Pedestrian Corridor in Yuen Long Town Connecting with Long Ping Station – Investigation, Design and Construction
Summary of Chemical Screening Results

Analyte Description				Silver	Arsenic	Cadmium	Chromium	Copper	Nickel	Lead	Zinc	Mercury	Total Polychlorinated biphenyls	Low M.W. PAHs	High M.W. PAHs	Tributyl Tin	Classification based on Chemical Test Results	Biological Test Results	Final Classification	Disposal Classification in accordance with ETWB TC(W) No. 34/2002
Unit (In dry Wt basis)				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	ug/kg	ug/kg	ug/kg	ug TBT/L					
Reporting Limits				0.1	1	0.2	1	1	1	1	0.05	2	550	1700	0.005					
Lower Chemical Exceedance Level (LCEL)				1	12	1.5	80	65	40	75	200	0.5	23	550	1700	0.15				
Upper Chemical Exceedance Level (UCEL)				2	42	4	160	110	40	110	270	1	180	3160	9600	0.15				
10 x (LCEL)				10	120	15	800	650	400	750	2000	5	230	5500	17000	1.5				
Sample Description																				
ALS Lab ID	Sample ID		Sampling Date																	
HK1610860-001	S1-EH1	3.0-3.9M	15/3/2016	<0.1	6	<0.2	9	4	3	29	34	<0.05	<18	<550	<1700	0.058	L	n/a	L	Type 1 - Open Sea Disposal

Blue: Value that exceed LCEL

Red: Value that exceed UCEL

Total PCB: Total PCBs calculated through summation of the 18 PCB congeners, based on raw data above the limit of detection of 1ug/kg.
 IS Denoted: Insufficient interstitial water generated for TBT analysis.

Category L: Analytical results less than or equal to the Lower Chemical Exceedance Level (LCEL)

Category M: Analytical results greater than Lower Chemical Exceedance Level (LCEL) & less than or equal to Upper Chemical Exceedance Level (UCEL). **Mp** = Passed biological screening test/ **Mf** = Failed biological screening test

Category H: Analytical results greater than the Upper Chemical Exceedance Level (UCEL)