Expansion of Hong Kong International Airport into a Three-Runway System



Detailed Plan on Deep Cement Mixing

Appendix D. DCM Water Quality Monitoring Data Record Sheet

Location			
Date			
Start Time (hh:mm)			
Weather			
Sea Conditions			
Tidal Mode			
Current Speed			
Current Direction			
Water Depth (m)			
Monitoring Results		1 st reading	2 nd reading or Duplicate
Dissolved Oxygen	mg/l		
Dissolved Oxygen	%		
Saturation			
рН			
Salinity	mg/l		
Turbidity	NTU		
Temperature	°C		
Total Alkalinity	ppm		
Observed construction activities	<100m from location		
	>100m from location		
Other Observations			

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Sample ID			
Suspended Solid	(mg/l)		
Ammonia as N	(mg/l)		
Unionised ammonia	(mg/l)		
Nitrite as N	(mg/l)		
Nitrate as N	(mg/l)		
TKN as N	(mg/l)		
Total Phosphorus	(mg/l)		
Reactive Phosphorus	(mg/l)		
Cadmium (Cd)	(µg/l)		
Chromium (Cr)	(µg/l)		
Copper (Cu)	(µg/l)		
Mercury (Hg)	(µg/l)		
Nickel (Ni)	(µg/l)		
Lead (Pb)	(µg/l)		
Silver(Ag)	(µg/l)		
Zinc (Zn)	(µg/l)		
Arsenic (As)	(µg/l)		
	Name & Designation	<u>Signature</u>	<u>Date</u>
Recorded by :			
Checked by:			
			-

Note: The nutrients and heavy metals results are to be filled up once they are available from the laboratory.