

**Contract HK 12/02**  
**Central Reclamation Phase III – Engineering Works**  
**Environmental Permit No.: EP-01/122/2003/A**

**Certification and Verification**  
**for EP Condition 3.3 –**  
**Additional Water Quality Monitoring Programme**

**ET Leader Certification**

This certification references the Contractor's submissions dated Friday, 25 January 2008 (via email) providing the Water Quality Monitoring Programme for Baseline Monitoring (Rev.1) and Impact Monitoring Programme (Rev. 2) to monitor the effectiveness of the mitigation measures for marine filling works using "Type A Fill" at FRAW as per Condition 3.3 of the EP (No. EP-01/122/2003/A).

Last paragraph of Condition 3.3 in the project Environmental Permit (EP-01/122/2003/A) states:

"To ensure that the use of 'Type A Fill' will not result in unacceptable water quality impact, an additional water quality monitoring programme shall be implemented to monitor the effectiveness of the control and mitigation measures. The additional water quality monitoring programme plan shall be certified by the ET Leader and verified by the IEC as adequate to monitor the effectiveness of the measures and allow triggering of follow up actions to avoid unacceptable impacts. The monitoring programme plan shall be deposited with the Director at least 1 week before the commencement of the filling works using 'Type A Fill'. The supplementary water quality programme shall form part of the EM&A programme stated in Condition 4.1 of this Permit. "

As specified in the Contractor's submission, additional water quality monitoring stations have been identified for monitoring of the Suspended Solids (SS, in mg/L) concentration prior to and during the course of the filling works using "Type A Fill" at FRAW.

All sampling shall be undertaken as referenced in the submissions.

The water samples collected shall be delivered to a local HOKLAS accredited laboratory for analyses of SS.

All monitoring data shall be submitted as referenced in the submissions to the ET Leader, IEC and Engineer for review.

The SS concentration (mg/L) for the cooling water intake stations and marine based stations shall be below the Action and Limit Levels specified in the referenced submissions and as identified from the baseline monitoring results.

No visible sediment plume leaving works site boundary is allowed.

In case of exceedance of the Action or Limit Levels the Event and Action Plan for Water Quality stipulated in the Project's EM&A Manual shall be followed.

The ET Leader and the IEC agree that the proposed additional water quality monitoring programme is adequate for monitoring the effectiveness of the mitigation measures during the marine filling works using "Type A Fill" at FRAW.

Susana Bezy, Environmental Team Leader:



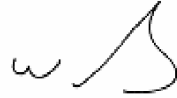
Date: 25 January 2008

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**IC(E) Verification**

I hereby verify the above information.

Bill Douglas, Independent Checker (Environment):

A handwritten signature in black ink, appearing to be 'w B', is written over a light grey rectangular background.

Date: 25 January 2008