



16 Mar 2017

### QECP Review Panel

## **EARTH CONTROL MEASURES(ECM) PLANS AND SERVICES**

The 15<sup>th</sup> QECP Review Session was held on 8 Mar 2017 at the PUB WaterHub.

- 2) Five QECPs presented their ECM plans. The Panel found that the plans presented were not comprehensive and contained design errors. The Panel also found that there is a lack of understanding or failure to consider the construction phasing by the QECPs when designing the ECM plan. Demerit Points will be given to the QECPs accordingly.
- 3) The Panel is pleased to note that since the setting up the QECP Review Panel in March 2013, the quality of the QECP services have progressively improved across the industry.
- 4) Notwithstanding the above, the Panel will continue to take a firm approach in assessing the QECP submissions and dealing with errant QECPs. Arising from the 15<sup>th</sup> review, two QECP has accumulated 6 and 8 demerit points and will be suspended for 1 year from all QECP practices.
- 5) From the 15<sup>th</sup> Review, the Panel has decided to implement the following initiatives:
  - (i) To improve the quality of QECP services, the Panel has decided to increase the minimum demerit points from 2 points to 3 points with immediate effect, so that QECPs who persistently put up poor submission are encouraged to improve their submissions to avoid suspension.
  - (ii) Ad-hoc online review will be carried out as and when necessary, to supplement the quarterly Panel Review, so as to arrest the poor submissions and administer the demerit points in a timely manner.
  - (iii) Each wrong declaration of the checklist items, in the checklists for ECM plan submission to PUB, will carry 3 demerit points. QECPs are encouraged to go through the checklist items carefully before submitting.
- 6) The Panel would also like to reiterate that the QECPs shall adhere to the following practices:
  - a) conduct sufficient site checks on the ECM projects;
  - b) ensure engineers assigned with ECM design are trained in ECM;
  - c) understand contractor's construction sequence, schedule, extent of excavation before designing the ECM plan; and
  - d) Inform PUB if the contractor proceeds with construction without ECM clearance certificate.
- 7) Please feel free to contact Mr Stanley Ho [stanley.ho@iesnet.org.sg] at 64695000 for clarifications.