

## Appendix F – Site Audit Findings and Corrective Actions

1.1.1 Site Inspections were carried out on a weekly basis to monitor the implementation of proper environmental pollution control and mitigation measures for the Project. During the reporting period, 7 site inspections were carried out on 17, 24 and 30 October 2012, and on 6, 13, 20 and 30 November 2012.

1.1.2 Particular observations during the site inspections are described below.

### **17 October 2012**

- (a) Work area at WA3 and rock fill materials on the barges in Portion X was found in dry condition. The Contractor is recommended to water the unpaved areas/designated roads to suppress dust emissions. (This observation was closed on 24 October 2012.)
- (b) Mud tracks were found at Kwo Lo Wan Road and Emergency Vehicles Access. The Contractor should clean up the mud tracks at the Emergency Vehicles Access and to implement the wheel washing facility as soon as practical. (This observation was closed on 30 October 2012.)
- (c) Dust generated during unloading on a barge. The Contractor is reminded to spray water to the rock fill materials on the barges to suppress dust emissions. (This observation was closed on 24 October 2012.)
- (d) A plant was found in WA4 which do not have any labels and drip tray. The Contractor is suggested to provide label (e.g. Noise Emission Label) and drip tray to the air compressor. (This observation was closed on 24 October 2012.)
- (e) Some rubbish was found in WA3 next to a tree. The Contractor should clear the rubbish and keep the tidiness of the Site. (This observation was closed on 24 October 2012.)

### **24 October 2012**

- (f) The mud trucks were still found at Kwo Lo Wan Road. The Contractor should clean up the mud trucks at Kwo Lo Wan Road and to install the wheel washing facility as soon as practical. (This observation was closed on 30 October 2012.)
- (g) The unpaved road at West Portal was dry. The Contractor is recommended to water the bare soil roads to suppress dust emissions. (This observation was closed on 30 October 2012.)
- (h) The stockpile of the cement was found to be partially covered at WA06. The Contractor is reminded to fully cover the stockpile of cement with a tarpaulin sheet. (This observation was closed on 30 October 2012.)
- (i) Silt was found on the road outside the RE office. The Contractor is recommended to remove the silt on the road. (This observation was closed on 30 October 2012.)

### **30 October 2012**

- (a) Some debris and broken sand bags were found on the deck of the barge within the silt curtain surrounding area. The contractor was reminded that any debris and broken sand bags should be removed from the deck to avoid falling off of debris into the sea when the barge moves outside the silt curtain surrounding area. (This observation will be checked in next site inspection.)

### **6 November 2012**

- (a) Debris was removed from the deck of the barge in Portion X. (This observation was found on 30 October 2012 and was closed on 6 November 2012.)

- (b) Bare soils were found in dry condition at West Portal. The Contractor should spray dry bare soils with water frequently (This observation was closed on 13 November 2012.)
- (c) Stockpiles of excavated materials were found uncovered at Airport Road. The Contractor was reminded to cover or water the excavated materials at Airport Road in the dry season. According to the Contractor, using impervious sheeting to cover such materials or spraying the materials with water are not appropriate at this site. This is because the Airport Authority Hong Kong (AAHK) concerns about the safety issue of blowing away of impervious sheeting to cause accidents and there is no valid water use permit for this site. In this case, sand bags will be provided and placed as a cover to such materials to minimise the dust impact. (This observation was closed on 13 November 2012.)
- (d) Silt was found on the site access road at Airport Road. The Contractor should remove the silt. (This observation was closed at on 13 November 2012)
- (e) Dust was generated during filling of rock materials into sea in Portion X. The Contractor should spray the rock fill materials with water to suppress dust emission. (This observation was closed on 13 November 2012.)
- (f) Stock of cement bags were found improperly covered at Kwo Lo Wan Road. The Contractor was reminded to cover the stock of cement bags properly. According to the Contractor, use of impervious sheeting as a cover for cement bags is not appropriate at this site as the AAHK concerns about the safety issue of blowing away of impervious sheeting to cause accidents. In this case, sand bags will be provided and placed as a cover to the stock of cement bags to minimise the dust impact. (This observation was closed on 13 November 2012.)
- (g) Storage area with inadequate capacity was found at Kwo Lo Wan Road. The Contractor was reminded to provide a larger drip tray for storage of oil barrels as possible. (This observation was closed on 13 November 2012.)
- (h) A stagnant pool was found at Kwo Lo Wan Road. The Contractor was suggested to apply larvicide sand to prevent mosquito breeding. (This observation was closed on 13 November 2012.)
- (i) Leaking of water from damaged drain was found on the vegetation of Airport Road works area, and stagnant pools were found on the affected vegetation. (This observation was closed on 13 November 2012.)

### **13 November 2012**

- (a) The unpaved roads were found in dry condition at Works Area 03. The Contractor should spray unpaved roads with water frequently. (This observation was closed on 20 November 2012.)
- (b) The unpaved roads were found in dry condition at West Portal. The Contractor should spray unpaved roads with water frequently. (This observation was closed on 20 November 2012.)
- (c) The compressor was found to be without a drip tray at Kwo Lo Wan Road. The Contractor was reminded to provide a drip tray for the compressor.
- (d) The oil drum was found to be with a drip tray at West Portal. The Contractor was reminded to provide a drip tray for the oil drum. (This observation was closed on 20 November 2012.)
- (e) Dusty materials were found at Works Area 04. The Contractor was reminded to keep works area clean and tidy. (This observation was closed on 20 November 2012.)

### **20 November 2012**

- (b) No cover was provided for the excavated materials at Kwo Lo Wan Road. The Contractor should provide covers for excavated materials to prevent fugitive dust impact. (This observation was closed on 30 November 2012.)
- (c) The sound absorbing materials for noise reduction and tarpaulin sheets for dust prevention provided for the mounted excavated breaker were found to be in poor condition at West Portal. The Contractor should provide proper noise reduction materials and tarpaulin sheets for the mounted excavated breaker. (This observation was closed on 30 November 2012.)
- (d) Lids were not provided for the Barrels on the 2001 Chang Sing Vessel. The Contractor was reminded to provide lids for the Barrels. (This observation was closed on 30 November 2012.)
- (e) The lubricative container did not have a drip tray at Airport Road. The Contractor was reminded to provide a drip tray for the lubricative container. (This observation was closed on 30 November 2012.)
- (f) The drip tray was found to be filled with water and other soil materials at West Portal. The Contractor was reminded to clear soil and water inside the drip tray. (This observation was closed on 30 November 2012.)
- (g) The U- drainage was found to be filled with excavated materials and leaves at Kwo Lo Wan Road. The Contractor was reminded to clear excavated materials and leaves inside the U- drainage. (This observation was closed on 30 November 2012.)
- (h) Rubbish was found in Portion X at Kwo Lo Wan Road. The Contractor was reminded to clear rubbish from the site area. (This observation was closed on 30 November 2012.)
- (i) The fencing for retained trees was broken. The Contractor was reminded to provide fencing for the retained trees. (This observation was closed on 30 November 2012.)

**30 November 2012**

- (a) Environmental Permits/ Licences were not provided at the site entrance at Kwo Lo Wan Road. The contractor was reminded to provide Environmental Permits/ Licences at all site entrance for readily inspection.

1.1.3 The Contractor has rectified most of the observations as identified during environmental site inspections during the reporting period. Follow-up actions for outstanding observations will be inspected during the next site inspections.