

## **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, thirteen site inspections were carried out on 5, 12, 19 and 28 March 2014, 2, 9, 16, 25 and 30 April 2014 and 7, 14, 21 and 30 May 2014.

1.1.2 Particular observations during the site inspections are described below.

### **5 March 2014**

- (a) Haul road was dry at N4. Water spray was provided at N4. (This observation was found on 28 February 2014 and closed on 5 March 2014.)
- (b) Oily film was observed at N1. Oily film was cleaned out at N1. (This observation was found on 28 February 2014 and closed on 5 March 2014.)
- (c) The plug to block the drain hole of drip tray was missing at S23. A plug was provided to block the drain hole of the drip tray at S23. This observation was found on 28 February 2014 and closed on 5 March 2014.)
- (d) Stagnant water was found in a drip tray without plug blocking the drain hole at S23. The stagnant water was cleaned up and the plug was provided to block the drain hole at S23. (This observation was found on 28 February 2014 and closed on 5 March 2014.)
- (e) Excess fill materials were found on the passage way of vessel Lun Li at S7. Excess fill materials were cleaned up on the passage way of vessel Lun Li at S7. (This observation was closed on 12 March 2014.)
- (f) A gap was found between silt curtains at Portion X. Orange silt curtain was covered the gap at Portion X. (This observation was closed on 12 March 2014.)
- (g) A hand held breaker was found to be without noise emission label at N4. Noise emission label was provided for the hand held breaker at N4. (This observation was closed on 12 March 2014.)
- (h) Stagnant water was found inside the drip tray at S8/S9. Stagnant water was cleaned up at S8/S9. (This observation was closed on 12 March 2014.)
- (i) The sand stockpile was dry at S16. The water spray system was provided at S16. (This observation was closed on 12 March 2014.)
- (j) Muddy water was found on the public road at S16. Muddy water was cleaned out at S16. (This observation was closed on 12 March 2014.)
- (k) Waste oil and chemical containers were found to be without label at S8/S9. Clear labels were provided of the waste oil and chemical containers at S8/S9. (This observation was closed on 12 March 2014.)
- (l) Oil film was found inside the washing wheel bay at S8/S9. Oil film was cleaned out at S8/S9. (This observation was closed on 12 March 2014.)
- (m) Dry sand stockpile was not covered at S19. Properly cover for sand stockpiles were provided at S19. (This observation was closed on 12 March 2014.)
- (n) An air compressor was found without a valid noise emission label at N1. Valid noise emission label was provided at N1. (This observation was closed on 12 March 2014.)

### **12 March 2014**

- (a) The silt curtain was not placed properly at Portion X. The silt curtains were moved back to the original position at Portion X. (This observation was closed on 19 March 2014.)
- (b) The oil container was found to be without drip tray at N4. The oil container was removed at N4. (This observation was closed on 19 March 2014.)

- (c) The waste chemical containers were found to be without drip tray at N13. The waste chemical containers were removed at N13. (This observation was closed on 19 March 2014.)
- (d) Oil film was observed on the ground at S8. The oily film was cleaned up at S8. (This observation was closed on 19 March 2014.)
- (e) Diesel tank was not placed properly and the oil was leaked out on the ground at S16. The diesel tank was removed and oil leakage was cleaned up at S16. (This observation was closed on 19 March 2014.)
- (f) Oily film was found on the ground at S16. Oily film was cleaned at S16. (This observation was closed on 19 March 2014.)
- (g) An air compressor was found without a valid noise emission label at S16. A valid noise emission label for air compressor was provided at S16. (This observation was closed on 19 March 2014.)
- (h) Haul road was dry at S19. A water vehicle sprayed water on the haul road to keep it wet at S19. (This observation was closed on 19 March 2014.)

#### **19 March 2014**

- (a) An oil container was found without drip tray at vessel of Hoi Pok 9. The oil container was removed at vessel of Hoi Pok 9. (This observation was closed on 28 March 2014.)
- (b) Noise barrier was damaged at S16/S11. Maintenance for noise barrier was provided at S16/S11. (This observation was closed on 28 March 2014.)
- (c) Muddy water was observed on the public road at S8/S9. Muddy water was cleaned up on the public road at S8/S9. (This observation was closed on 28 March 2014.)
- (d) An oil spillage was found on the ground at S8. Oil spillage was cleaned up at S8. (This observation was closed on 28 March 2014.)
- (e) An oil drum was found to be without drip tray at S16/S11. A drip tray was provided to oil drum at S16/S11. (This observation was closed on 28 March 2014.)
- (f) More than 20 bags of cement were found to be without cover properly at S16/S11. Cement bags was covered properly at S16/S11. (This observation was closed on 28 March 2014.)
- (g) More than 20 bags of cement were found to be without cover properly at S23. Cement bags were placed in an area sheltered on the top and 3 sides. (This observation was closed on 28 March 2014.)

#### **28 March 2014**

- (a) Muddy water was found on the public road at S25. The mud was cleaned up at S25. (This observation was closed on 2 April 2014.)
- (b) Oily film was observed at N1. Oil leakage was cleaned up at N1. (This observation was closed on 2 April 2014.)

#### **2 April 2014**

- (a) Excess fill materials were observed on passage way of vessel Shing Ming 98. The fill material was cleaned on passage way of vessel of Shing Ming 98. (This observation was closed on 9 April 2014.)
- (b) No drip tray was provided for chemical containers at FB101. The chemical containers were removed at FB101. (This observation was closed on 9 April 2014.)
- (c) No drip tray was provided for chemical containers at N4. The chemical containers were removed at N4. (This observation was closed on 9 April 2014.)
- (d) The drain hole of the drip tray was not blocked to prevent oil leakage at S22. The drip tray was removed at S22. (This observation was closed on 9 April 2014.)

- (e) Oil drums together with different kinds of materials were placed inside drip trays at S22. Construction materials inside the drip tray were removed at S22. (This observation was closed on 9 April 2014.)
- (f) Oil drums, rubbish bin and different kinds of materials were placed inside drip tray at S25. The construction materials inside the drip tray were removed at S25. (This observation was closed on 9 April 2014.)
- (g) The drain hole of the drip tray was not blocked to prevent oil leakage at S25. A stopper was provided for the drip tray at S25. A stopper was provided for the drip tray at S25. (This observation was closed on 9 April 2014.)
- (h) Stagnant water was found inside the recesses for the lifting eyes of concrete blocks at S25. The recesses of lifting eyes of concrete blocks were filled up by sand at S25. (This observation was closed on 9 April 2014.)

#### **9 April 2014**

- (a) Fill materials were observed on the passage way of vessel Kiu Tak. The fill materials were cleaned on passage way of vessel Kiu Tak. (This observation was closed on 16 April 2014.)
- (b) No drip tray was provided for the waste oil container at N13. The waste oil containers were removed at N13. (This observation was closed on 16 April 2014.)
- (c) No cover was provided for opened cement bags at S11. The stockpile of cement was covered properly at S11. (This observation was closed on 16 April 2014.)
- (d) Stagnant water was found inside the drip tray at S15. The stagnant water inside the drip tray was cleaned up at S15. (This observation was closed on 16 April 2014.)
- (e) Muddy water was leaking from the construction site to the public road at S15. The muddy water was cleaned up at S15. (This observation was closed on 16 April 2014.)
- (f) More than 20 cement bags were not covered properly at S23. More iron sheets were used to cover the exposed area of the shelter for cement bags at S23. (This observation was closed on 16 April 2014.)
- (g) Stagnant water was found inside the recesses for lifting eyes of concrete blocks at N1. The recesses for lifting eyes of concrete blocks were filled up with sand at N1. (This observation was closed on 16 April 2014.)

#### **16 April 2014**

- (a) There was a gap between two silt curtains at Portion X. The gap for silt curtains was closed at Portion X. (This observation was closed on 25 April 2014.)
- (b) Fill materials were observed on passage way of vessel Shing Ming 83. The fill materials were cleared on passage way of vessel Shing Ming 83 (This observation was closed on 25 April 2014.)
- (c) Waste oil and chemical containers were found without drip tray at S11/S16. The waste oil and chemical containers were removed at S11/S16. (This observation was closed on 25 April 2014.)
- (d) An oily film was observed in a pool at S11/S16. The oily film in a pool was cleared at S11/S16. (This observation was closed on 25 April 2014.)
- (e) Stagnant water was observed inside the tubes at N4A. No stagnant water was observed as the tubes were filled with sand at N4A. (This observation was closed on 25 April 2014.)
- (f) More than 20 cement bags were not covered properly at S23. Cement bags were covered properly at S23. (This observation was closed on 25 April 2014.)

#### **25 April 2014**

- (a) Cover was not provided for chemical container site entrance S15. The chemical container was removed at site entrance S15. (This observation was closed on 30 April 2014.)

- (b) Stagnant water at drip tray was observed at site entrance S15. Stagnant water at drip tray was removed at site entrance S15. (This observation was closed on 30 April 2014.)
- (c) Stagnant water at drip tray was observed at West Portal. Stagnant water at drip tray was removed at West Portal. (This observation was closed on 30 April 2014.)

### **30 April 2014**

- (a) Waste oil containers were found without drip tray at N13. The chemical containers were removed at N13. (This observation was closed on 7 May 2014.)
- (b) Chemical containers were found to be without drip tray at S8. The chemical containers were removed at S8. (This observation was closed on 7 May 2014.)
- (c) The metal cover of cement mixing plant was not fully sheltered at three sides at S8. Canvas was used to cover the gap of metal cover for the cement mixing plant at S8. (This observation was closed on 7 May 2014.)
- (d) An oil container was found to be without drip tray at S15/S11. The oil container was removed at S15/S11. (This observation was closed on 7 May 2014.)
- (e) Sand stockpile was observed dry at S16. A water spray system was provided to wet the dry sand stockpiles at S16. (This observation was closed on 7 May 2014.)
- (f) Chemical were not placed properly at S16. The chemicals with clear labels were placed properly inside the drip tray at S16. (This observation was closed on 7 May 2014.)

### **7 May 2014**

- (a) Stagnant water was found inside the recesses for lifting eyes of concrete blocks at N13. The recesses for lifting eyes of concrete blocks were filled by sand at N13. (This observation was closed on 14 May 2014.)
- (b) More than 20 cement bags were observed without impervious cover at S11. The impervious cover was provided for the cement bags at S11. (This observation was closed on 14 May 2014.)
- (c) Large size of oily film was observed in a ditch at S15. The oily film inside ditch was removed at S15. (This observation was closed on 14 May 2014.)
- (d) Stagnant water was found inside a bucket at S15. The bucket was removed at S15. (This observation was closed on 14 May 2014.)
- (e) A waste oil container was found to be without a drip tray and clear label at Shing Ming 83. The waste oil container was removed at Shing Ming 83. (This observation was closed on 14 May 2014.)

### **14 May 2014**

- (a) There were gaps between silt curtains at Portion X. The gaps of silt curtains were closed at Portion X. (This observation was closed on 21 May 2014.)
- (b) Stagnant water was observed inside recesses for lifting eyes of concrete blocks at N4. The lifting eyes of concrete blocks were filled by sand at N4. (This observation was closed on 21 May 2014.)
- (c) Sand stockpiles were observed without cover at N24. The sand stockpiles were covered properly at N24. (This observation was closed on 21 May 2014.)
- (d) Stagnant water was found inside the drip tray at S8-9. The stagnant water was cleaned up at S8-9. (This observation was closed on 21 May 2014.)
- (e) The cement storage area was observed without 3-sides cover at S8-9. The cement storage area was provided with 3-side cover at S8-9. (This observation was closed on 21 May 2014.)
- (f) Oily film was observed inside a wastewater collection pit at N1. The oil film inside a wastewater collection pit was removed at N1. (This observation was closed on 21 May 2014.)

**21 May 2014**

- (a) Excess fill material was observed on the passage way of Shing Ming 83. Excess fill material was cleared on the passage way of Shing Ming 83. (This observation was closed on 30 May 2014.)
- (b) A gap in the silt curtain between the enclosed area and the barge parking place were found at S7. The gaps of silt curtains were closed between the enclosed area and barge parking place at S7. (This observation was closed on 30 May 2014.)
- (c) More than 20 bags of cement bags were not covered properly at S19. Cement bags were removed at S19. (This observation was closed on 30 May 2014.)
- (d) Stagnant water was observed inside recesses for lifting eyes of water crash barrier at WA06. Stagnant water inside recesses for lifting eyes of the water crash barrier was cleaned up at WA06. (This observation was closed on 30 May 2014.)

**30 May 2014**

- (a) Stagnant water inside a wheel-barrow was observed at N13. The Contractor was reminded to remove stagnant water at N13.
- (b) Stagnant water inside the drip tray of a generator was observed at WP4. The Contractor was reminded to remove stagnant water at WP4.
- (c) Bags of cement were not entirely covered at WP5. The Contractor was reminded to cover bags of cement entirely with impervious sheets to avoid dust emission.

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