

Appendix F – Site Audit Findings and Corrective Actions

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, site inspections were carried out on 4, 11, 18 and 27 March 2015, 1, 8, 15, 22 and 30 April 2015 and 6, 13, 20 and 29 May 2015.

Particular observations during the site inspections are described below.

4 March 2015

- (a) An inadequate wheel washing facility was provided at the entrance/exit of S8A. A water hose was provided at site entrance/exit for wheel washing at that moment. This observation was found on 21 January 2015. Rectification work was being undertaken. The Contractor was reminded to provide a standard wheel washing facility at the entrance/exit of S8A as soon as possible.
- (b) A drip tray was not provided for oil drum at N1. A drip tray was provided for the oil drums at N1. This observation was found on 27 February 2015 and closed on 4 March 2015.
- (c) A drip tray was not provided for chemical containers at N1. A drip tray was provided for the chemical containers at N1. This observation was found on 27 February 2015 and closed on 4 March 2015.
- (d) Accumulation of rubbish was observed at N1. The rubbish was removed at N1. This observation was found on 27 February 2015 and closed on 4 March 2015.
- (e) Temporary storage of concrete waste was not provided at N1. The excess concrete waste was removed at N1. This observation was found on 27 February 2015 and closed on 4 March 2015.
- (f) Accumulation of rubbish was observed inside the tunnel at N1. The rubbish was removed at N1. This observation was found on 27 February 2015 and closed on 4 March 2015.
- (g) Plastic waste was not properly collected at S7. The plastic waste was removed at S7. This observation was found on 27 February 2015 and closed on 4 March 2015.
- (h) Rubbish was scattered on the ground at S7. The rubbish was removed at S7. This observation was found on 27 February 2015 and closed on 4 March 2015.
- (i) The wastewater generated from washing of shoes was discharged directly into the public gutter at N1. A pump was provided inside the gutter to collect the muddy water to a water treatment tank at N1. This observation was found on 4 March 2015 and closed on 11 March 2015.
- (j) The wheel washing activity was not undertaken inside the wheel washing facility but at the entrance of N1. The Contractor reinforced the wheel washing activity for vehicles before leaving the construction site at N1. This observation was found on 4 March 2015 and closed on 11 March 2015.
- (k) Sand bags placed around gullies were broken at S25. New sand bags were placed around the public gutter at S25. This observation was found on 4 March 2015 and closed on 11 March 2015..

- (l) Stagnant water pool was observed at S11. The stagnant water pool was removed at S11. This observation was found on 4 March 2015 and closed on 11 March 2015.
- (m) No wheel washing bay was placed at the site entrance of N20. A water hose was provided at site entrance for wheel washing at that moment. This observation was found on 4 March 2015. The Contractor was reminded to provide wheel washing facility at N20 as soon as possible.

11 March 2015

- (a) An inadequate wheel washing facility was provided at the entrance/exit of S8A. A water hose was provided at site entrance/exit for wheel washing at that moment. This observation was found on 21 January 2015. Rectification work was being undertaken. The Contractor was reminded to provide a standard wheel washing facility at the entrance/exit of S8A as soon as possible.
- (b) No wheel washing bay was placed at the site entrance of N20. A water hose was provided at site entrance for wheel washing at that moment. This observation was found on 4 March 2015. The Contractor was reminded to provide wheel washing facility at N20 as soon as possible.
- (c) A gap was found between silt curtain sections at Portion X. The gap between the silt curtain sections was filled up at Portion X. This observation was found on 11 March 2015 and closed on 18 March 2015.
- (d) An oil leakage was observed on an unpaved road at N4. The oil leakage was cleaned up at N4. This observation was found on 11 March 2015 and closed on 18 March 2015.
- (e) Stagnant water was observed at S9. The stagnant water was removed at S9. This observation was found on 11 March 2015 and closed on 18 March 2015.
- (f) Rubbish was found inside a preliminary sediment hole at S11. The rubbish was removed from the preliminary sediment hole at S11. This observation was found on 11 March 2015 and closed on 18 March 2015.

18 March 2015

- (a) An inadequate wheel washing facility was provided at the entrance/exit of S8A. A water hose was provided at site entrance/exit for wheel washing at that moment. This observation was found on 21 January 2015. Rectification work was being undertaken. The Contractor was reminded to provide a standard wheel washing facility at the entrance/exit of S8A as soon as possible.
- (b) No wheel washing bay was placed at the site entrance of N20. A water hose was provided at site entrance for wheel washing at that moment. This observation was found on 4 March 2015. The Contractor was reminded to provide wheel washing facility at N20 as soon as possible.
- (c) Rubbish was observed at public gutter near Kwo Lo Wan Road. The rubbish was removed at public gutter next to Kwo Lo Wan Road. This observation was found on 18 March 2015 and closed on 27 March 2015.
- (d) Concrete waste was observed on the ground at N1. The concrete waste was removed at N1. This observation was found on 18 March 2015 and closed on 27 March 2015.
- (e) Excess rubbish was observed at S15. The excess rubbish was removed at S15. This observation was found on 18 March 2015 and closed on 27 March 2015.

27 March 2015

- (a) An inadequate wheel washing facility was provided at the entrance/exit of S8A. A water hose was provided at site entrance/exit for wheel washing at that moment. This observation was found on 21 January 2015. Rectification work was being undertaken. The Contractor was reminded to provide a standard wheel washing facility at the entrance/exit of S8A as soon as possible.
- (b) No wheel washing bay was placed at the site entrance of N20. A water hose was provided at site entrance for wheel washing at that moment. This observation was found on 4 March 2015. The Contractor was reminded to provide wheel washing facility at N20 as soon as possible.
- (c) Silt curtain was not aligned properly. The silt curtain at Portion X was straightened. This observation was found on 27 March 2015 and closed on 1 April 2015.
- (d) Fill materials was found along the edge of Vessel Full Yue. The fill material was cleaned up from the deck of Vessel Full Yue. This observation was found on 27 March 2015 and closed on 1 April 2015.
- (e) Chemical containers were observed without drip trays at Vessel Full Yue. The chemicals in Vessel Full Yue were removed. This observation was found on 27 March 2015 and closed on 1 April 2015.
- (f) Excessive lubrication oil was found at a metal joint on Vessel Full Yue. The spillage of lubricant in Vessel Full Yue was cleaned up by the Contractor. This observation was found on 27 March 2015 and closed on 1 April 2015.

1 April 2015

- (a) An inadequate wheel washing facility was provided at the entrance/exit of S8A. A water hose was provided at site entrance/exit for wheel washing at that moment. This observation was found on 21 January 2015. Rectification work was being undertaken. The Contractor was reminded to provide a standard wheel washing facility at the entrance/exit of S8A as soon as possible.
- (b) No wheel washing bay was placed at the site entrance of N20. A water hose was provided at site entrance for wheel washing at that moment. This observation was found on 4 March 2015. The Contractor was reminded to provide wheel washing facility at N20 as soon as possible.
- (c) A gap was observed between silt curtains at Portion X. An additional silt curtain was used to fill up the gap at Portion X. This observation was found on 1 April 2015 and closed on 8 April 2015.
- (d) The stockpile of fill material was observed to be dry and some of them dropped into the gullies at N20. The stockpile of fill material was removed and the new sand bags were placed along to gullies at N20. This observation was found on 1 April 2015 and closed on 8 April 2015.
- (e) Milky water was discharged from a wastewater treatment plant at S9. It was found that excess sediments affected the function of the wastewater treatment plant. Excess sediments were removed. The function of the waste water treatment plant was resumed at S9. This observation was found on 1 April 2015 and closed on 8 April 2015.
- (f) Excess rubbish was observed at S19. Excess rubbish was removed at S19. This observation was found on 1 April 2015 and closed on 8 April 2015.

8 April 2015

- (a) An inadequate wheel washing facility was provided at the entrance/exit of S8A. A water hose was provided at site entrance/exit for wheel washing at

that moment. This observation was found on 21 January 2015. Rectification work was being undertaken. The Contractor was reminded to provide a standard wheel washing facility at the entrance/exit of S8A as soon as possible.

- (b) No wheel washing bay was placed at the site entrance of N20. A water hose was provided at site entrance for wheel washing at that moment. This observation was found on 4 March 2015. The Contractor was reminded to provide wheel washing facility at N20 as soon as possible.
- (c) Gap was observed between each silt curtains at Portion X. An additional silt curtain was used to fill up the gap at Portion X. This observation was found on 8 April 2015 and closed on 15 April 2015.
- (d) The broken sand bags were observed on the deck edge of vessel Shun Tat 82. New sand bags were replaced along the deck edge of vessel Shun Tat 82. This observation was found on 8 April 2015 and closed on 15 April 2015.
- (e) No drip tray was provided for the chemical containers at N1. Drip trays and clear labels were provided for the chemical containers at N1. This observation was found on 8 April 2015 and closed on 15 April 2015.
- (f) Rubbish was accumulated near I beam storage area/piling work area at S11. Rubbish was removed at S11. This observation was found on 8 April 2015 and closed on 15 April 2015.

15 April 2015

- (a) An inadequate wheel washing facility was provided at the entrance/exit of S8A. An adequate wheel washing bay was provided at S8A. This observation was found on 21 January 2015 and closed on 15 April 2015.
- (b) No wheel washing bay was placed at the site entrance of N20. A water hose was provided at site entrance for wheel washing at that moment. This observation was found on 4 March 2015. The Contractor was reminded to provide wheel washing facility at N20 as soon as possible.
- (c) Gap was observed between silt curtains at Portion X. An additional silt curtain was used to fill up the gap at Portion X. This observation was found on 15 April 2015 and closed on 22 April 2015.
- (d) Muddy water was discharged without any treatment at S7. The Contractor stopped the muddy water discharge at S7. This observation was found on 15 April 2015 and closed on 22 April 2015.
- (e) Cement bags were found on the top of the storage area and no cover was provided for them at S11. The cement bags was stored within an area sheltered on three sides at S11. This observation was found on 15 April 2015 and closed on 22 April 2015.
- (f) Rubbish was accumulated on the ground at S11. The rubbish was removed at S11. This observation was found on 15 April 2015 and closed on 22 April 2015.
- (g) No drip tray was provided for chemical containers at N1. A drip tray was provided for the chemical containers at N1. This observation was found on 15 April 2015 and closed on 22 April 2015.

22 April 2015

- (a) No wheel washing bay was placed at the site entrance of N20. A water hose was provided at site entrance for wheel washing at that moment. This observation was found on 4 March 2015. The Contractor was reminded to provide wheel washing facility at N20 as soon as possible.

- (b) A gap was observed between each silt curtains at Portion X. An additional silt curtain was used to fill up the gap at Portion X. This observation was found on 22 April 2015 and closed on 30 April 2015.
- (c) Some debris were found on the public road at N13. Debris was cleared on the public road at N13. Sand bags were provided along the edge of the road at N13. This observation was found on 22 April 2015 and closed on 30 April 2015.
- (d) Accumulated water was observed in the drip tray at S11. Accumulated water inside the drip tray was cleared at S11. This observation was found on 22 April 2015 and closed on 30 April 2015.
- (e) Rubbish was accumulated near I beam storage area/piling work area at S11. Rubbish was removed at S11. This observation was found on 22 April 2015 and closed on 30 April 2015.
- (f) Slluage was observed on the unpaved area at S11. Sullage at S11 was cleaned up at S11. This observation was found on 22 April 2015 and closed on 30 April 2015.
- (g) More than 20 bags of cement were observed without impervious sheeting at S11. A cover was provided to bags of cement at S11. This observation was found on 22 April 2015 and closed on 30 April 2015.

30 April 2015

- (a) No wheel washing bay was placed at the site entrance of N20. A water hose was provided at site entrance for wheel washing at that moment. This observation was found on 4 March 2015. The Contractor was reminded to provide wheel washing facility at N20 as soon as possible.
- (b) A few patches of concrete waste was observed on the ground at N20. This observation was found on 30 April 2015. The Contractor was reminded that concrete waste should be properly collected and contained for disposal or reuse as appropriate.
- (c) A gap was found at the silt curtain. An additional silt curtain was used to fill up the gap at Portion X. This observation was found on 30 April 2015 and closed on 6 May 2015.
- (d) The bund formed along the edge of Vessel Shun Tat 82. More sand bags were provided to prevent leakage of muddy water into the sea at Shun Tat 82. This observation was found on 30 April 2015 and closed on 6 May 2015.
- (e) Stagnant water was observed behind the container office at N13. The accumulated water was removed at N13. This observation was found on 30 April 2015 and closed on 6 May 2015.
- (f) Bags of cement without entire cover were placed near the site entrance at N13. The cement bags were covered properly by green sheets at N13. This observation was found on 30 April 2015 and closed on 6 May 2015.

6 May 2015

- (a) No wheel washing bay was placed at the site entrance of N20. Wheel washing bay was provided at site entrance of N20. This observation was found on 4 March 2015 and closed on 29 May 2015.
- (b) A few patches of concrete waste was observed on the ground at N20. This observation was found on 30 April 2015. The Contractor was reminded to remove the concrete waste at N20 as soon as possible.
- (c) Some rubbish was observed on the seawall at S7. The rubbish was removed at S7. This observation was found on 6 May 2015 and closed on 13 May 2015.

- (d) No water sprinkling was provided during the piling activity at S9. Water sprinkling was provided during the piling activity at S9. This observation was found on 6 May 2015 and closed on 13 May 2015.
- (e) Stagnant water was observed in the recessed eyes of the hydraulic jacking set at S11. The stagnant water inside the recessed eyes of the hydraulic jacking set was cleaned out at S11. This observation was found on 6 May 2015 and closed on 13 May 2015.
- (f) The storage area of cement bags was not covered properly at S11. The cement bags were stored within an area sheltered on three sides at S11. This observation was found on 6 May 2015 and closed on 13 May 2015.
- (g) Accumulated rubbish was observed at S16. The accumulated rubbish was removed at S16. This observation was found on 6 May 2015 and closed on 13 May 2015.

13 May 2015

- (a) No wheel washing bay was placed at the site entrance of N20. Wheel washing bay was provided at site entrance of N20. This observation was found on 4 March 2015 and closed on 29 May 2015.
- (b) A few patches of concrete waste was observed on the ground at N20. This observation was found on 30 April 2015. The Contractor was reminded to remove the concrete waste at N20 as soon as possible.
- (c) A gap was observed between sections of silt curtains at Portion X. The gap was filled with the additional silt curtain at Portion X. This observation was found on 13 May 2015 and closed on 20 May 2015.
- (d) Water was accumulated inside the U-channel at N13. The accumulated water was removed at N13. This observation was found on 13 May 2015 and closed on 20 May 2015.
- (e) No water sprinkling was provided for the piling activity at S9. Water sprinkling was provided during the piling activity at S9. This observation was found on 13 May 2015 and closed on 20 May 2015.
- (f) Empty oil containers were stored in a general refuse container at S11. The empty oil containers were removed from the general refuse container and stored inside the chemical waste storage area at S11. This observation was found on 13 May 2015 and closed on 20 May 2015.

20 May 2015

- (a) No wheel washing bay was placed at the site entrance of N20. Wheel washing bay was provided at site entrance of N20. This observation was found on 4 March 2015 and closed on 29 May 2015.
- (b) A few patches of concrete waste was observed on the ground at N20. This observation was found on 30 April 2015. The Contractor was reminded to remove the concrete waste at N20 as soon as possible.
- (c) Rubbish was accumulated in an area at N20. Accumulated rubbish was removed at N20. This observation was found on 20 May 2015 and closed on 29 May 2015.
- (d) A large stagnant water pool was observed at S15. The stagnant water was removed at S15. This observation was found on 20 May 2015 and closed on 29 May 2015.
- (e) Wastewater was discharged without any treatment at S19. Wastewater treatment plant was provided to treat the wastewater before discharge at S19. This observation was found on 20 May 2015 and closed on 29 May 2015.

- (f) Sand bags were not placed along the site boundary to avoid washing away of silt into U channels at S23. Sand bags were placed along the site boundary at S23. This observation was found on 20 May 2015 and closed on 29 May 2015.
- (g) Silt curtains were not maintained in accordance with the design plan at Portion X. The silt curtains were maintained in accordance with the design plan at Portion X. This observation was found on 20 May 2015 and closed on 29 May 2015.

29 May 2015

- (a) A few patches of concrete waste was observed on the ground at N20. This observation was found on 30 April 2015. The Contractor was reminded to remove the concrete waste at N20 as soon as possible.
- (b) Gap was found at the silt curtain. The Contractor was reminded that prompt rectification should be conducted.
- (c) Chemical containers were not properly stored on Vessel Shun Tat 82. The Contractor was reminded to stack up of chemical containers should be avoided.
- (d) Sand bags along the water barrier at Airport Road were insufficient. The Contractor was reminded to provide more sand bags along the whole boundary at Airport Road to avoid water seepage.
- (e) The length of wheel washing bay at N20 is too short. The Contractor was reminded to modify the wheel washing bay.
- (f) Stagnant water was observed at the surface channel at N20. The Contractor was reminded to maintain surface channel properly.
- (g) The gully was exposed at N20. The Contractor was reminded to provide cover to the gully in order to avoid falling of silt or other object into the gully.

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.