

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 3, 10, 17 and 26 June 2015, 2, 8, 16, 22 and 31 July 2015 and 5, 12, 19 and 28 August 2015.

Particular observations during the site inspections are described below.

3 June 2015

- (a) A few patches of concrete waste was observed on the ground at N20. Concrete waste was removed at N20. This observation was found on 30 April 2015 and closed on 2 July 2015.
- (a) The length of wheel washing bay at N20 is too short. The length of wheel washing bay was extended at N20. This observation was found on 29 May 2015 and closed on 2 July 2015.
- (b) Gap was found at the silt curtain. The gap was filled with an additional silt curtain at Portion X. This observation was found on 29 May 2015 and closed on 3 June 2015.
- (c) Chemical containers were not properly stored on Vessel Shun Tat 82. The chemical containers were removed at Shun Tat 82. This observation was found on 29 May 2015 and closed on 3 June 2015.
- (d) Sand bags along the water barrier at Airport Road were insufficient. Sand bags were provided along the entire site boundary at Airport Road to avoid water seepage at N20. This observation was found on 29 May 2015 and closed on 3 June 2015.
- (e) Stagnant water was observed at the surface channel at N20. The stagnant water was removed at the surface channel at N20. This observation was found on 29 May 2015 and closed on 3 June 2015.
- (f) The gully was exposed at N20. A cover was provided for the gully at N20 to avoid washing away of silt or other objects into the drainage system. This observation was found on 29 May 2015 and closed on 3 June 2015.
- (g) Muddy water was discharged without any treatment at S7. The muddy water was cleaned at S7. This observation was found on 3 June 2015 and closed on 10 June 2015.
- (h) Rubbish was accumulated at S16. The rubbish was removed by a truck at S16. This observation was found on 3 June 2015 and closed on 10 June 2015.
- (i) Construction waste near abandoned cement mixing plant was not removed at S15. The construction waste near abandoned cement mixing plant was removed at S15. This observation was found on 3 June 2015 and closed on 10 June 2015.
- (j) Abandoned water barriers and rubbish were placed near the resting station at N4. The abandoned water barriers and rubbish were removed at N4. This observation was found on 3 June 2015 and closed on 10 June 2015.
- (k) 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 3 June 2015 and closed on 10 June 2015.

- (l) A diesel container was observed without a drip tray at N4. The diesel container was removed at N4. This observation was found on 3 June 2015 and closed on 10 June 2015.

10 June 2015

- (b) A few patches of concrete waste was observed on the ground at N20. Concrete waste was removed at N20. This observation was found on 30 April 2015 and closed on 2 July 2015.
- (a) The length of wheel washing bay at N20 is too short. The length of wheel washing bay was extended at N20. This observation was found on 29 May 2015 and closed on 2 July 2015.
- (b) A green screen used to cover sand stockpile was broken at N1. A new green screen of sand stockpile was provided at N1. This observation was found on 10 June 2015 and closed on 17 June 2015.
- (c) Unpaved road and stockpiles were observed to be dry at S15. The unpaved road and stockpiles were sprayed with water at S15. This observation was found on 10 June 2015 and closed on 17 June 2015.
- (d) A sand stockpile was observed to be dry at S22. The sand stockpile was removed at S22. This observation was found on 10 June 2015 and closed on 17 June 2015.
- (e) No water spraying was provided for the percussive activity at S8-9. Water spraying was provided for the percussive activity at S8-9. This observation was found on 10 June 2015 and closed on 17 June 2015.
- (f) 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 10 June 2015 and closed on 26 June 2015.

17 June 2015

- (c) A few patches of concrete waste was observed on the ground at N20. Concrete waste was removed at N20. This observation was found on 30 April 2015 and closed on 2 July 2015.
- (a) The length of wheel washing bay at N20 is too short. The length of wheel washing bay was extended at N20. This observation was found on 29 May 2015 and closed on 2 July 2015.
- (d) An inadequate wheel washing facility was provided at the entrance/exit of N1. High pressure water jet was provided at site entrance/exit of N1 for wheel washing. This observation was found on 17 June 2015 and closed on 2 July 2015.
- (b) Concrete waste was observed on the ground at N1. Concrete waste was removed at N1. This observation was found on 17 June 2015 and closed on 2 July 2015.
- (c) Water spraying system did not function at S15. Water spraying system was used at S15. This observation was found on 17 June 2015 and closed on 26 June 2015.
- (d) Rubbish was accumulated at S16. Accumulated rubbish at S16 was cleared. This observation was found on 17 June 2015 and closed on 26 June 2015.
- (e) 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 17 June 2015 and closed on 26 June 2015.

26 June 2015

- (e) A few patches of concrete waste was observed on the ground at N20. Concrete waste was removed at N20. This observation was found on 30 April 2015 and closed on 2 July 2015.
- (a) The length of wheel washing bay at N20 is too short. The length of wheel washing bay was extended at N20. This observation was found on 29 May 2015 and closed on 2 July 2015.
- (f) An inadequate wheel washing facility was provided at the entrance/exit of N1. High pressure water jet was provided at site entrance/exit of N1 for wheel washing. This observation was found on 17 June 2015 and closed on 2 July 2015.
- (b) Concrete waste was observed on the ground at N1. Concrete waste was removed at N1. This observation was found on 17 June 2015 and closed on 2 July 2015.
- (g) Construction materials along the deck of barge were observed at Harbour Sky No. 68 at Portion X. Construction materials along the deck of barge were removed at Harbour Sky No. 68. This observation was found on 26 June 2015 and closed on 2 July 2015.
- (h) Stagnant water was found at surface channel at site access of N1. The stagnant water in surface channel at site access of N1 was pumped to sedimentation tank. This observation was found on 26 June 2015 and closed on 2 July 2015.
- (c) Uneven ground was observed at N1. The ground was leveled to avoid water accumulation at N1. This observation was found on 26 June 2015 and closed on 2 July 2015.
- (i) Uneven ground was observed at S19 site access. The ground was leveled to avoid water accumulation at S19 site access. This observation was found on 26 June 2015 and closed on 2 July 2015.

2 July 2015

- (j) A few patches of concrete waste was observed on the ground at N20. Concrete waste was removed at N20. This observation was found on 30 April 2015 and closed on 2 July 2015.
- (k) The length of wheel washing bay at N20 is too short. The length of wheel washing bay was extended at N20. This observation was found on 29 May 2015 and closed on 2 July 2015.
- (l) An inadequate wheel washing facility was provided at the entrance/exit of N1. High pressure water jet was provided at site entrance/exit of N1 for wheel washing. This observation was found on 17 June 2015 and closed on 2 July 2015.
- (m) Concrete waste was observed on the ground at N1. Concrete waste was removed at N1. This observation was found on 17 June 2015 and closed on 2 July 2015.
- (n) Construction materials along the deck of barge were observed at Harbour Sky No. 68 at Portion X. Construction materials along the deck of barge were removed at Harbour Sky No. 68. This observation was found on 26 June 2015 and closed on 2 July 2015.
- (o) Stagnant water was found at surface channel at site access of N1. The stagnant water in surface channel at site access of N1 was pumped to

sedimentation tank. This observation was found on 26 June 2015 and closed on 2 July 2015.

- (p) Uneven ground was observed at N1. The ground was leveled to avoid water accumulation at N1. This observation was found on 26 June 2015 and closed on 2 July 2015.
- (q) A gap was observed between sections of silt curtains at Portion X. A gap between sections of silt curtain was filled by additional silt curtains at Portion X. This observation was found on 2 July 2015 and closed on 8 July 2015.
- (r) No sand bags were placed along the gutter to prevent sand/silt flowing into public gutter at N20. Sand bags were placed along the gutter at N20. This observation was found on 2 July 2015 and closed on 8 July 2015.
- (s) No water sprinkling was provided during the piling activity at S11. Water sprinkling was provided during the piling activity at S11. This observation was found on 2 July 2015 and closed on 8 July 2015.
- (t) More than 20 bags of cement were not covered properly at S11. The cement bags were removed at S11. This observation was found on 2 July 2015 and closed on 8 July 2015.
- (u) Rubbish accumulated at S11. The rubbish was removed at S11. This observation was found on 2 July 2015 and closed on 8 July 2015.
- (v) Chemical containers were observed without drip trays at S15. The chemical containers were removed at S15. This observation was found on 2 July 2015 and closed on 8 July 2015.

8 July 2015

- (a) Muddy water was observed to discharge into the sea without treatment at S7. Wastewater generated from the construction sites were treated prior to discharge at S7. This observation was found on 8, 16 July 2015 and closed on 22 July 2015.
- (b) A gap was observed between sections of silt curtains at Portion X. Maintenance was provided to the silt curtains at Portion X. This observation was found on 8 July 2015 and closed on 16 July 2015.
- (c) The unpaved road was observed to be dry at S16 and dust was generated by vehicle movement. Water spraying was provided to the unpaved road at S16. This observation was found on 8 July 2015 and closed on 16 July 2015.
- (d) Stagnant water was observed at N1. Stagnant water was cleaned up at N1. This observation was found on 8 July 2015 and closed on 16 July 2015.
- (e) Rubbish was not collected properly at N1. Rubbish removed at N1. This observation was found on 8 July 2015 and closed on 16 July 2015.

16 July 2015

- (a) A gap was observed between sections of silt curtains at Portion X. Maintenance was provided to the silt curtains at Portion X. This observation was found on 16 July 2015 and closed on 22 July 2015.
- (b) Stagnant water was observed at N1. The stagnant water was cleaned up at N1. This observation was found on 16 July 2015 and closed on 22 July 2015.
- (c) Rubbish was accumulated at N4. The rubbish was cleared at N4. This observation was found on 16 July 2015 and closed on 22 July 2015.
- (d) Wheel washing was not provided to leaving dump truck at S8A. Wheel washing was provided to vehicles before leaving the construction site at S8A. This observation was found on 16 July 2015 and closed on 22 July 2015.

22 July 2015

- (a) The alignment of silt curtains did not follow the design plan at Portion X. This observation has been outstanding since 22 July 2015. The Contractor was reminded to provide maintenance for the silt curtains at Portion X.
- (a) A gap was observed between sections of silt curtains at Portion X. This observation has been outstanding since 22 July 2015. The Contractor was reminded to provide another silt curtain to fill up the gap at Portion X.
- (b) Concrete waste was observed on the ground at N1. The concrete waste on the ground was cleaned up at N1. This observation was found on 22 July 2015 and closed on 31 July 2015.
- (c) Rubbish was observed on the ground at N1. The rubbish was removed at N1. This observation was found on 22 July 2015 and closed on 31 July 2015.
- (d) Muddy water was observed to be discharged to the sea at S11. Muddy water was not observed to be discharged to the sea at S11. This observation was found on 22 July 2015 and closed on 31 July 2015.
- (e) A grouting station was not enclosed properly at S19. Enclosure (sheltered on the top and three sides) was provided for the grouting station at S19. This observation was found on 22 July 2015 and closed on 31 July 2015.
- (f) Stagnant/muddy water was observed in U-channel at S25. Stagnant/muddy water was cleared in U-channel at S25. This observation was found on 22 July 2015 and closed on 1 July 2015.

31 July 2015

- (a) Dark smoke emission from a machine was observed at PR9. The black smoke emission was stopped by the Contractor at PR9. This observation was found on 31 July 2015 and closed on 5 August 2015.
- (a) A chemical drip tray with accumulation of water was observed at S19. The stagnant water was removed from the drip tray at S19. This observation was found on 31 July 2015 and closed on 5 August 2015.
- (b) A chemical container without label was observed at S19. A label was provided for the chemical container at S19. This observation was found on 31 July 2015 and closed on 5 August 2015.
- (c) Empty chemical containers were found in a refuse skip for general construction refuse. The chemical containers were removed from the general rubbish bin at S19. This observation was found on 31 July 2015 and closed on 5 August 2015.

5 August 2015

- (d) Dry dusty material was found on the ground after the loading/unloading activity at S7. This observation has been outstanding since 5 August 2015. The Contractor was reminded to remove the dusty material on the ground at S7.
- (e) A stockpile of dry crushed stones was found at S7. This observation has been outstanding since 5 August 2015. The Contractor was reminded to provide water spraying for the stockpile at S7.
- (f) No cover was provided for a sand stockpile at N4. The Contractor covered the sand stockpile with a tarpaulin at N4. This observation was found on 5 August 2015 and closed on 12 August 2015.

- (g) A working platform which is made of crushed stones was dry at S9. Water spraying was provided for the working platform at S9. This observation was found on 5 August 2015 and closed on 12 August 2015.
- (h) Piling activities were not covered properly by green tarpaulin to avoid dust emission at S15. The piling equipment was covered by a green tarpaulin properly to prevent fugitive dust emissions at S15. This observation was found on 5 August 2015 and closed on 12 August 2015.

12 August 2015

- (a) The alignment of silt curtains did not follow the design plan at Portion X. This observation has been outstanding since 22 July 2015. The Contractor was reminded to provide maintenance for the silt curtains at Portion X.
- (b) A gap was observed between sections of silt curtains at Portion X. This observation has been outstanding since 22 July 2015. The Contractor was reminded to provide another silt curtain to fill up the gap at Portion X.
- (c) Dry dusty material was found on the ground after the loading/unloading activity at S7. This observation has been outstanding since 5 August 2015. The Contractor was reminded to remove the dusty material on the ground at S7.
- (d) A stockpile of dry crushed stones was found at S7. This observation has been outstanding since 5 August 2015. The Contractor was reminded to provide water spraying for the stockpiles at S7.
- (e) No drip tray was provided for chemical containers at S15. This observation has been outstanding since 12 August 2015. The Contractor was reminded to provide a drip tray for the chemical container at S15.
- (f) Stagnant water was observed on the ground at N1. The stagnant water was removed at N1. This observation was found on 12 August 2015 and closed on 19 August 2015.
- (g) Stagnant water was observed inside I-beams at S11. The stagnant water inside the I-beams was removed at S11. This observation was found on 12 August 2015 and closed on 19 August 2015.
- (h) Stagnant water was found inside a drip tray provided for chemical containers at S15. The chemical containers and the drip tray were removed at S15. This observation was found on 12 August 2015 and closed on 19 August 2015.
- (i) Doors of a generator were not closed at S15. The doors of the generator were closed at S15. This observation was found on 12 August 2015 and closed on 19 August 2015.
- (j) Stagnant water was found inside a drip tray provided for a generator at S15. The stagnant water inside the drip tray was removed at S15. This observation was found on 12 August 2015 and closed on 19 August 2015.
- (k) A rubbish bin was full and some rubbish bags were placed next to the bin at S19. It was also found that a rubbish bag had not been tied. The rubbish were removed at S19. This observation was found on 12 August 2015 and closed on 19 August 2015.

19 August 2015

- (a) The alignment of silt curtains did not follow the design plan at Portion X. This observation has been outstanding since 22 July 2015. The Contractor was reminded to provide maintenance for the silt curtains at Portion X.
- (b) A gap was observed between sections of silt curtains at Portion X. This observation has been outstanding since 22 July 2015. The Contractor was reminded to provide another silt curtain to fill up the gap at Portion X.

- (c) Dry dusty material was found on the ground after the loading/unloading activity at S7. This observation has been outstanding since 5 August 2015. The Contractor was reminded to remove the dusty material on the ground at S7.
- (d) A stockpile of dry crushed stones was found at S7. This observation has been outstanding since 5 August 2015. The Contractor was reminded to provide water spraying for the stockpiles at S7.
- (e) No drip tray was provided for chemical containers at S15. This observation has been outstanding since 12 August 2015. The Contractor was reminded to provide a drip tray for the chemical container at S15.
- (f) The silt curtain which should be placed around the aeronautical light was broken at Portion X. This observation has been outstanding since 19 August 2015. The Contractor was reminded to provide the silt curtain around the aeronautical light at Portion X.
- (g) The erection of U-channel to wastewater collection point at N1 was not completed. The erection of U-channel to wastewater collection point at N1 was completed. This observation was found on 19 August 2015 and closed on 28 August 2015.
- (h) General waste were found inside U-channel next to the construction site of N18. General waste inside U-channel next to the construction site of N18 was cleared. This observation was found on 19 August 2015 and closed on 28 August 2015.
- (i) Broken sand bags were found along the water barriers at N20. The broken sand bags along the water barriers at N20 was replaced. This observation was found on 19 August 2015 and closed on 28 August 2015.
- (j) Construction and general waste were placed together at N20. The Construction and general waste was removed at N20. This observation was found on 19 August 2015 and closed on 28 August 2015.
- (k) No water spraying was provided for the dry stone stockpile at S15. Water spraying was provided for the dry stone stockpile at S15. This observation was found on 19 August 2015 and closed on 28 August 2015.
- (l) Construction materials were placed on the wheel washing bay at S23. Construction materials were removed on the wheel washing bay at S23. This observation was found on 19 August 2015 and closed on 28 August 2015.

28 August 2015

- (a) The alignment of silt curtains did not follow the design plan at Portion X. This observation has been outstanding since 22 July 2015. The Contractor was reminded to provide maintenance for the silt curtains at Portion X.
- (b) A gap was observed between sections of silt curtains at Portion X. This observation has been outstanding since 22 July 2015. The Contractor was reminded to provide another silt curtain to fill up the gap at Portion X.
- (c) Dry dusty material was found on the ground after the loading/unloading activity at S7. This observation has been outstanding since 5 August 2015. The Contractor was reminded to remove the dusty material on the ground at S7.
- (d) A stockpile of dry crushed stones was found at S7. This observation has been outstanding since 5 August 2015. The Contractor was reminded to provide water spraying for the stockpiles at S7.

- (e) No drip tray was provided for chemical containers at S15. This observation has been outstanding since 12 August 2015. The Contractor was reminded to provide a drip tray for the chemical container at S15.
- (f) The silt curtain which should be placed around the aeronautical light was broken at Portion X. This observation has been outstanding since 19 August 2015. The Contractor was reminded to provide the silt curtain around the aeronautical light at Portion X.
- (g) The rubbish bin at access road of WA6 was full. The Contractor was reminded to remove rubbish frequently at WA6.
- (h) Drip tray was not provided to the chemical containers inside West Tunnel. The Contractor was reminded to provide drip tray for chemical containers inside West Tunnel.
- (i) Drip tray was not provided for the chemical containers under the bridge at West Tunnel site. The Contractor was reminded to provide drip tray for chemical containers under the bridge at West Tunnel

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.