

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, thirteen site inspections were carried out on 3, 10, 17, 24 and 30 December 2014, 7, 14, 21 and 30 January 2015 and 4, 11, 17 and 27 February 2015.

Particular observations during the site inspections are described below.

3 December 2014

- (a) Accumulated rubbish was found inside a skip at S19. The accumulated rubbish was removed from the skip at S19. This observation was found on 28 November 2014 and closed on 3 December 2014.
- (b) Oil drum was found outside drip tray at N1. The oil drum was placed inside a drip tray at N1. This observation was found on 28 November 2014 and closed on 3 December 2014.
- (c) Chemical container was found without drip tray at N1. The chemical container was removed at N1. This observation was found on 28 November 2014 and closed on 3 December 2014.
- (d) Accumulated rubbish was found at the shore of S16. The accumulated rubbish was removed at the shore of S16. This observation was closed on 10 December 2014.
- (e) Chemical containers were found without drip tray on vessel Sing Kee. The chemical containers were removed on vessel Sing Kee. This observation was closed on 10 December 2014.
- (f) A stockpile of fill material was observed dry at N13. The stockpile of fill material was removed at N13. This observation was closed on 10 December 2014.
- (g) Chemical containers were found without drip trays at N4. The chemical containers were removed at N4. This observation was closed on 10 December 2014.
- (h) Stagnant water was found inside a drip tray at N4. The stagnant water was cleaned up at N4. This observation was closed on 10 December 2014.
- (i) Accumulated rubbish was found at S25. The accumulated rubbish was removed at S25. This observation was closed on 10 December 2014.
- (j) Accumulated rubbish was found at S7. The accumulated rubbish was cleaned up at S7. This observation was closed on 10 December 2014.

10 December 2014

- (a) Stockpiles of fill material were observed dry at N13. The stockpiles of fill material were sprayed with water regularly at N13. This observation was closed on 17 December 2014.
- (b) Some oil stains were observed on the unpaved road at N13. The oil stains were cleaned up at N13. This observation was closed on 17 December 2014.
- (c) Rubbish and wastewater were found in the U channel at N13. The rubbish and wastewater in the U channel was cleared at N13. This observation was closed on 17 December 2014.
- (d) Accumulated rubbish was found at S11. The accumulated rubbish was removed at S11. This observation was closed on 17 December 2014.
- (e) Accumulated rubbish was found at S25. The accumulated rubbish was removed at S25. This observation was closed on 17 December 2014.
- (f) Oil drums were observed without a drip tray at S25. The oil drums were removed at S25. This observation was closed on 17 December 2014.

17 December 2014

- (a) Different kind of waste was accumulated at N1. Waste was removed at N1. This observation was closed on 24 December 2014.
- (b) Stagnant water was found inside a drip tray at N1. Stagnant water was cleaned up at N1. This observation was closed on 24 December 2014.
- (c) A rubbish bin was broken at N13. Broken rubbish bin at N13 was replaced. This observation was closed on 24 December 2014.
- (d) Some oil stains were observed inside an I-beam at S11. Oil stains inside the I-beam was removed at S11. This observation was closed on 24 December 2014.
- (e) One oil drum was not put inside a drip tray at S11. Drip tray was provided for the oil drum at S11. This observation was closed on 24 December 2014.
- (f) No water spraying was observed during the percussive work at S15. Water was sprayed during percussive work at S16. This observation was closed on 24 December 2014.

24 December 2014

- (a) Slurry was observed on barge edge of vessel Shun Tat 82. Slurry on barge edge of vessel Shun Tat 82 was cleared. This observation was closed on 24 December 2014.
- (b) Excess fill materials were observed on barge edge of vessel Kiu Tak. Excess fill materials were cleared at barge edge of vessel Kiu Tak. This observation was closed on 31 December 2014.
- (c) Muddy water was found on the public road at S8. Muddy water was cleared on the public road at S8. This observation was closed on 31 December 2014.
- (d) Stagnant water was found inside a drip tray at S19. Stagnant water was cleared inside the drip tray at S19. This observation was closed on 31 December 2014.
- (e) Stagnant water was observed on the ground at S19. Stagnant water was cleared on the ground at S19. This observation was closed on 31 December 2014.
- (f) Oil stains was observed on the ground and no drip tray was provided for air compressor at N4. Oil stains was cleared on the ground and drip tray was provided for air compressor at N4. This observation was closed on 31 December 2014.
- (g) Accumulation of waste was observed at N1. The accumulated of waste was cleared at N1. This observation was closed on 31 December 2014.

30 December 2014

- (a) Curved silt curtain was found at Portion X. The Contractor was reminded to straighten the curved silt curtain at Portion X.
- (b) Oil stain was found on the vessel Shun Tat 82 at Portion X. The Contractor was reminded to clean up the oil stain on the vessel Shun Tat 82 at Portion X.
- (c) Stagnant water might accumulate inside the recesses of the concrete blocks at N1. The Contractor was reminded to fill up the recesses of the concrete blocks at N1.
- (d) Oil leakage was found under the excavator at N4. The Contractor was reminded to repair the excavator to prevent oil leakage at N4.
- (e) Construction equipment was found near retained tree at N4. The Contractor was reminded to remove the construction equipment near the retained tree at N4.
- (f) Stagnant water was found inside wheel washing bay at N4. The Contractor was reminded to remove stagnant water inside wheel washing bay at N4.

7 January 2015

- (a) Curved silt curtain was found at Portion X. The silt curtain at Portion X was straightened. This observation was found on 30 December 2014 and closed on 7 January 2015.

- (b) Oil stain was found on the vessel Shun Tat 82 at Portion X. The oil stain was cleaned up and sand bags were placed along the deck of the vessel to avoid oil leakage or spillage into the sea. This observation was found on 30 December 2014 and closed on 7 January 2015.
- (c) Stagnant water might accumulate inside the recesses of the concrete blocks at N1. The recesses of the concrete blocks were filled by sand to avoid the accumulation of water at N1. This observation was found on 30 December 2014 and closed on 7 January 2015.
- (d) Oil leakage was found under the excavator at N4. The oil leakage was removed at N4. This observation was found on 30 December 2014 and closed on 7 January 2015.
- (e) Construction equipment was found near retained tree at N4. The construction equipment was removed. In addition, gravels were placed around the tree as a barrier to contain the soil for the tree so that soil will not be washing away during rainy days. This observation was found on 30 December 2014 and closed on 7 January 2015.
- (f) Muddy water was found inside a wheel washing bay at N4. The Contractor diverted the muddy water to a wastewater treatment tank for treatment and then discharged the treated wastewater to storm drains. This observation was found on 30 December 2014 and closed on 7 January 2015.
- (g) Broken sand bags were observed on the deck edge of vessel Shun Tat 82. New sand bags were placed on the deck edge of vessel Shun Tat 82. This observation was closed on 14 January 2015.
- (h) Rubbish was scattered on the ground at N1. The rubbish was removed at N1. This observation was closed on 14 January 2015.
- (i) Muddy water was discharged into the sea at S11. The Contractor diverted the muddy water to a sediment tank for treatment prior to discharge into storm drains. This observation was closed on 14 January 2015.
- (j) Rubbish was scattered on the ground at S11. The rubbish was removed at S11. This observation was closed on 14 January 2015.
- (k) Sundries were observed in the drip tray at S15. The sundries inside the drip tray were removed at S15. This observation was closed on 14 January 2015.
- (l) Rubbish was scattered on the ground at S25. The rubbish was removed at S25. This observation was closed on 14 January 2015.

14 January 2015

- (a) Muddy water was observed and flow into the sea without treatment at S7. Muddy water was treated before discharge into the sea at S7. This observation was closed on 21 January 2015.
- (b) Stockpiles of fill material were observed to be dry at N13. Water was sprayed on the stockpiles of fill material at N13. This observation was closed on 21 January 2015.
- (c) Stagnant water was observed inside the I-beam at N20. Stagnant water was removed at N20. This observation was closed on 21 January 2015.
- (d) Accumulated rubbish was observed at N20. Accumulated rubbish was removed at N20. This observation was closed on 21 January 2015.
- (e) Stockpiles of fill material were observed to be dry at S22. Impervious sheeting was provided to stockpiles of fill material at S22. This observation was closed on 21 January 2015.
- (f) Stagnant water was found on the ground at N1. Stagnant water was extracted by the pump at N1. This observation was closed on 21 January 2015.

21 January 2015

- (a) Unpaved road was observed to be dry at N20. Water spraying was applied to unpaved road at N20. This observation was closed on 30 January 2015.

- (b) Stagnant water was observed inside a drip tray at N20. Stagnant water was cleared inside the drip tray at N20. This observation was closed on 30 January 2015.
- (c) No barriers were provided along edge of construction site for prevention washout of construction material (i.e. soil) to public road at N20. Sandbags were provided along edge of construction site at N20. This observation was closed on 30 January 2015.
- (d) An inadequate wheel washing facility was provided at the entrance/exit of S8A. Water hose was provided at site entrance/exit for wheel washing at that moment. 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.
- (e) Muddy water was discharged on the ground without proper treatment at S15. Muddy water was transferred via hose to wastewater treatment plant for treatment prior to discharge. This observation was closed on 30 January 2015.
- (f) Stagnant water was observed on the ground at S19. Stagnant water on the ground was cleared at S19. This observation was closed on 30 January 2015.
- (g) Accumulated rubbish was observed at S22. Accumulated rubbish was cleared at S22. This observation was closed on 30 January 2015.
- (h) Stagnant water was observed on the ground at WA04. Stagnant water was cleared on the ground at WA04. This observation was closed on 30 January 2015.

30 January 2015

- (a) Milky discharge was observed at S11. The Contractor was reminded to find out the reason and rectify the situation.
- (b) Some chemical containers were not provided with drip tray at S11. The Contractor was reminded to provide drip tray to the chemical containers at S11.
- (c) Some plastic oil containers were not provided with drip tray at S11. The Contractor was reminded to provide drip tray to the plastic oil containers at S11.
- (d) A plastic chemical container was not provided with drip tray on Vessel Harbour Sky 68. The Contractor was reminded to provide drip tray to plastic chemical containers on Vessel Harbour Sky 68.

4 February 2015

- (a) An inadequate wheel washing facility was provided at the entrance/exit of S8A. 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) Milky discharge was observed at S11. Milky water was not discharged directly into the sea at S11. The wastewater treatment tank was kept functional. This observation was found on 30 January 2015 and closed on 4 February 2015.
- (c) No drip trays were provided for some chemical containers at S11. The chemical containers were removed at S11. This observation was found on 30 January 2015 and closed on 4 February 2015.
- (d) No drip trays were provided for some plastic oil containers at S11. The plastic oil containers were removed at S11. This observation was found on 30 January 2015 and closed on 4 February 2015.
- (e) A plastic chemical container was not provided with drip tray on Vessel Harbour Sky 68. The plastic chemical container was removed on Vessel Harbour Sky 68. This observation was found on 30 January 2015 and closed on 4 February 2015.
- (f) A gap was observed between the silt curtain sections at Portion X. An additional silt curtain section was used to fill up the gap at Portion X. This observation was found on 4 February and closed on 11 February 2015.

- (g) Excess rubbish was observed at N1. The excess rubbish was removed at N1. This observation was found on 4 February 2015 and closed on 11 February 2015.
- (h) Stagnant water was observed at N1. The stagnant water was removed at N1. This observation was found on 4 February and closed on 11 February 2015.
- (i) A rubbish bin was found without a cover at N4. A cover was provided for the rubbish bin at N4. This observation was found on 4 February 2015 and closed on 11 February 2015.
- (j) No sand bags were placed around a gully to avoid washing away of sand/silt into the drainage system at N20. A cover was provided for the rubbish bin at N4. Sand bags were placed around the gutter at N20. This observation was found on 4 February 2015 and closed on 11 February 2015.
- (k) No drip tray was provided for chemical containers at N20. The chemical containers were removed at N20. This observation was found on 4 February 2015 and closed on 11 February 2015.
- (l) Rubbish was accumulated at S15. The rubbish was removed at S15. This observation was found on 4 February 2015 and closed on 11 February 2015.

11 February 2015

- (a) Chemical containers were observed without drip trays at N1. The chemical containers were removed at N1. This observation was found on 11 February 2015 and closed on 17 February 2015.
- (b) Excess rubbish was observed at N1. The excess rubbish was removed at N1. This observation was found on 11 February 2015 and closed on 17 February 2015.
- (c) Wastewater was discharged directly from a sediment tank and was not pumped into a wastewater treatment facility for proper treatment at N4. The pipe of the sediment tank was sealed at N4 and wastewater was pumped to wastewater treatment facility for proper treatment before discharge. This observation was found on 11 February 2015 and closed on 17 February 2015.
- (d) No sand bags were placed between the edge of the unpaved road and gutter at N20. Sand bags were placed between the edge of the unpaved road and gutters at N20. This observation was found on 11 February 2015 and closed on 17 February 2015.
- (e) A broken water barrier was placed on the ground at S7. The waste water barriers were removed at S7. The broken water barrier was removed at S7. This observation was found on 11 February 2015 and closed on 17 February 2015.
- (f) Dust emission was observed during the breaking activities at S11. No breaking activity was undertaken at S11. This observation was found on 11 February 2015 and closed on 17 February 2015.
- (g) Rubbish was observed on ground at S11. The rubbish was removed at S11. This observation was found on 11 February 2015 and closed on 17 February 2015.
- (h) The cement mixing plant was not fully enclosed at S15. The cement mixing plant was fully enclosed at S15. This observation was found on 11 February 2015 and closed on 17 February 2015.

17 February 2015

- (a) Stagnant water was observed at WA6. Stagnant water was cleared at WA6. This observation was found on 17 February 2015 and closed on 25 February 2015.
- (b) Excess rubbish was observed at N1. The excess rubbish was removed at N1. This observation was found on 17 February 2015 and closed on 25 February 2015.
- (c) Some concrete which was likely to be deposited from a concrete lorry was found on the ground at N13. Concrete on the ground was cleared at N13. This observation was found on 17 February 2015 and closed on 25 February 2015.

- (d) Rubbish was observed at S7. Rubbish was removed at S7. This observation was found on 17 February 2015 and closed on 25 February 2015.
- (e) Stagnant water was observed at S11. Stagnant water was cleared at S11. This observation was found on 17 February 2015 and closed on 25 February 2015.
- (f) An unpaved road was dry at S16. Water spraying for the dry unpaved road was applied at S16. This observation was found on 17 February 2015 and closed on 25 February 2015.
- (g) Rubbish was observed on the ground at S19. Rubbish was cleared on the ground at S19. This observation was found on 17 February 2015 and closed on 25 February 2015.

27 February 2015

- (a) A drip tray was not provided for oil drum at N1. The Contractor was reminded to provide drip tray for the oil drum at N1.
- (b) A drip tray was not provided for chemical containers at N1. The Contractor was reminded to provide drip tray for the chemical containers at N1.
- (c) Accumulation of rubbish was observed at N1. The Contractor was reminded to remove rubbish frequently at N1.
- (d) Temporary storage of concrete waste was not provided at N1. The Contractor was reminded to provide proper storage area or remove concrete waste promptly at N1.
- (e) Accumulation of rubbish was observed inside the tunnel at N1. The Contractor was reminded to remove rubbish frequently at N1.
- (f) Plastic waste was not properly collected at S7. The Contractor was reminded to collect and store plastic waste properly.
- (g) Rubbish was scattered on the ground at S7. The Contractor was reminded to collect and store the waste properly.

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.