

## 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 3, 10, 17 and 26 September 2014, 8, 15, 22 and 31 October 2014 and 5, 12, 19 and 28 November 2014.

1.1.2 Particular observations during the site inspections are described below.

3 September 2014

- (a) Stagnant water was found in the recesses of the concrete block at N4. The recesses of concrete blocks were filled up to prevent accumulation of stagnant water at N4. (This observation was found on 30 July 2014 and closed on 3 September 2014.)
- (b) Stagnant water was found inside the H-beam and N4. The stagnant water was removed from the H-beam at N4. (This observation was found on 30 July 2014 and closed on 3 September 2014.)
- (c) A stockpile of concrete debris was found dry at N4. The stockpile of concrete debris was sprayed with water at N4. (This observation was found on 30 July 2014 and closed on 3 September 2014.)
- (d) Lubricant oil drums were found without chemical labels at N4. Chemical labels were provided for the lubricant oil drums at N4. (This observation was found on 30 July 2014 and closed on 3 September 2014.)
- (e) Stagnant water was found at the abutment at N1. The Contractor removed the stagnant water from the abutment at N1. (This observation was found on 30 July 2014 and closed on 3 September 2014.)
- (f) An improper wheel washing facility was provided at the exit of N20 since the site inspection undertaken on 16 July 2014. Proper wheel washing facility was provided at entrance/exit of N20. (This observation was found on 16 July 2014 and closed on 3 September 2014.)
- (g) An improper wheel washing facility was provided at the entrance/exit at S22 since the site inspection on 25 July 2014. Proper wheel washing facility was provided at entrance/exit of N20. (This observation was found on 25 July 2014 and closed on 3 September 2014.)
- (h) Chemical containers were found without drip trays and chemical labels at vessel Shun Tak 82. The unknown lubricant drums were removed from the deck of vessel Shun Tak 82. (This observation was closed on 10 September 2014.)
- (i) Stagnant water was found in the H-beam at N4. Stagnant water in the H-beam at N4 was cleared. (This observation was closed on 10 September 2014.)
- (j) Stagnant water was found on the ground at N13. The stagnant water on the ground was cleared at N3. (This observation was closed on 10 September 2014.)
- (k) Cement bags were found without cover at N20. The cement bags and unknown lubricant drum were removed by the Contractor at N20. (This observation was closed on 10 September 2014.)
- (l) A chemical container was found without drip tray and chemical label at N20. Proper labels were affixed to the diesel tanks at N20. (This observation was closed on 10 September 2014.)
- (m) A cement mixing plant was found without proper cover at N20. The cement mixing plant was removed by contractor at N20. (This observation was closed on 10 September 2014.)

- (n) Chemical containers were found without chemical labels at N20. Proper labels were provided for the chemical containers at N20. (This observation was closed on 10 September 2014.)

10 September 2014

- (a) There were soils on the deck of barges at S7. No fill materials were found on the edge of the barge. (This observation was closed on 17 September 2014.)
- (b) Fugitive dust emission was generated from the drilling activity at N4 even water spraying was provided. Water spray was provided to suppress the fugitive dust emission generated from the drilling activity at N4. (This observation was closed on 17 September 2014.)
- (c) More than 20 bags of cement bags were not covered properly at S15. A proper cover was provided for the cement bags at S15. (This observation was closed on 17 September 2014.)
- (d) No proper labels were affixed to chemical drums at S11. The chemical drums without chemical labels were removed at S11. (This observation was closed on 17 September 2014.)
- (e) Fugitive dust emission was generated from the drilling activity at S15 even water spraying was provided. Water spray was provided to suppress the fugitive dust emission generated from the drilling activity at S15. (This observation was closed on 17 September 2014.)
- (f) No stopper was provided for the drain hole of the drip tray at S19. A stopper was provided for the drain hole of the drip tray at S19. (This observation was closed on 17 September 2014.)
- (g) The gap between silt curtains was observed at Portion X. The gap between silt curtains were enclosed at Portion X. (This observation was closed on 17 September 2014.)

17 September 2014

- (a) The stockpiles of dusty materials were found dry at N13. The stockpiles of dusty materials were observed wet. (This observation was closed on 26 September 2014.)
- (b) No instruction or sign was provided for the wheel washing facility at N13. A worker was provided to instruct drivers of vehicles to use wheel washing facility at N13. (This observation was closed on 26 September 2014.)
- (c) High pressure water jet was not provided for the wheel washing facility at N20. A high pressure water jet was provided for the wheel washing facility at N20. (This observation was closed on 26 September 2014.)
- (d) Stagnant water was found inside the wheel washing facility at N4. A high pressure water jet was provided for the wheel washing facility at N4. (This observation was closed on 26 September 2014.)
- (e) Chemical drums were found without drip trays at S15-S16. Chemical drums were removed at S15 –S16. (This observation was closed on 26 September 2014.)
- (f) The mechanical cover of dump truck (licence plate: CF 1078) was found broken at S15-S16. The mechanical cover of dump truck was repaired. (This observation was closed on 26 September 2014.)
- (g) Stagnant water was found inside the wheel washing facility at S22. A high pressure water jet was provided at S22. (This observation was closed on 26 September 2014.)

26 September 2014

- (a) A gap was observed at the silt curtain. The Contractor was reminded to fix the silt curtain and avoid any gaps at the silt curtain.
- (b) Soil at the walkway of vessels Hai Bo 8 and Harbor Sky 68 were observed. The Contractor was reminded to clean the walkway of vessels Hai Bo 8 and Harbor Sky 68.

- (c) It was observed on the vessel Hai Bo 8 that the kerb of a drip tray was broken. The Contractor was reminded to repair the kerb of the drip tray on the vessel Hai Bo 8.
- (d) There was stagnant water on a tarpulin sheet at N1. The Contractor was reminded to clear the stagnant water at N1.

3 October 2014

- (a) A gap was observed at the silt curtain. The gap between two overlapping silt curtains was enclosed at Portion X. (This observation was found on 26 September 2014 and closed on 3 October 2014.)
- (b) Soil at the walkway of vessels Hai Bo 8 and Harbor Sky 68 were observed. The soil found on walkway of vessel Hai Bo 8 and Harbour Sky 68 was removed at Portion X. (This observation was found on 26 September 2014 and closed on 3 October 2014.)
- (c) It was observed on the vessel Hai Bo 8 that the kerb of a drip tray was broken. The kerb of the drip tray on the vessel Hai Bo 8 was repaired at Portion X. (This observation was found on 26 September 2014 and closed on 3 October 2014.)
- (d) There was stagnant water on a tarpaulin sheet at N1. The stagnant water found on tarpaulin sheet was removed at N1. (This observation was found on 26 September 2014 and closed on 3 October 2014.)
- (e) Curved silt curtain was found at Portion X. The curved silt curtain was straightened at Portion X. (This observation was closed on 8 October 2014.)
- (f) A gap was found between two silt curtains at Portion X. The gap between two silt curtains was enclosed at Portion X. (This observation was closed on 8 October 2014.)
- (g) Two chemical drums were found without drip tray at N13. The chemical drums were removed at N13. (This observation was closed on 8 October 2014.)
- (h) Two chemical containers were found without drip tray at S11. The chemical containers were removed at S11. (This observation was closed on 8 October 2014.)
- (i) Stagnant water was found inside the H-beam at S15. The stagnant water was removed from the H-beam at S15. (This observation was on 8 October 2014.)
- (j) Accumulated rubbish was found at S15. The accumulated rubbish was removed at S15. (This observation was closed on 8 October 2014.)
- (k) A chemical container was found without drip tray at S25. The chemical container was removed at S25. (This observation was closed on 8 October 2014.)

8 October 2014

- (a) Chemical containers were found without drip trays at vessel Shun Tat 82. The chemical containers were removed from vessel Shun Tat 82. (This observation was closed on 15 October 2014.)
- (b) A gap was found between silt curtain and sea shore at Portion X. The gap between silt curtain and seashore was enclosed at Portion X. This observation was closed on 15 October 2014.)
- (c) Dusty fill material was found on the road and there is a potential of washing away of fill materials into gullies at N20. The dusty fill material was removed and gullies were surrounded by sand bags at N20. This observation was closed on 15 October 2014.)
- (d) Dust emission was found during the piling works at S11. Sleeve tubing was provided for the piling works to prevent dusty emission at S11. This observation was closed on 15 October 2014.)
- (e) Stagnant water was found near the backfill material at S11. The stagnant water was removed near the backfill material at S11. (This observation was closed on 15 October 2014.)

- (f) Stagnant water was found at S15 storage area. The stagnant water was removed from S15 storage area. (This observation was closed on 15 October 2014.)
- (g) A drip tray was found without a drain stopper at S8. A drain stopper was provided for the drip tray at S8. (This observation was closed on 15 October 2014.)

15 October 2014

- (a) Curved silt curtain was found at Portion X. The silt curtain was straightened at Portion X. (This observation was closed on 22 October 2014.)
- (b) A rubbish bin was found without proper cover at S11. A proper cover was provided for the rubbish bin at S11. (This observation was closed on 22 October 2014.)
- (c) Dusty emission was found during piling activity at S11. Sleeve tubing was provided for the piling works at S11. (This observation was closed on 22 October 2014.)
- (d) Construction equipments were found near retained tress at S11-S15. The construction equipments were removed from the retained trees at S11- S15. (This observation was closed on 22 October 2014.)
- (e) Potential stagnant pools were found in the recesses of concrete block at S25. The recesses of concrete block were filled up at S25. (This observation was closed on 22 October 2014.)
- (f) Dusty materials were found on the barge edge of vessel Hai Bo 8 and Chang Sheng 306. An impervious sheet was placed between the gap of vessel Hai Bo 8 and Cheng Sheng 306. (This observation was closed on 22 October 2014.)
- (g) Chemical drums were found without drip trays and chemical labels at N1. The chemical drums were removed at N1. (This observation was closed on 22 October 2014.)

22 October 2014

- (a) Curved silt curtain was found at Portion X. silt curtain was straightened at Portion X. (This observation was closed on 31 October 2014.)
- (b) Rubbish was found in the fill materials at vessel Shun Tat 82. The rubbish was removed from the fill materials at vessel Shun Tat 82. (This observation was closed on 31 October 2014.)
- (c) Two chemical containers were found without drip tray and chemical labels at N20. The chemical containers were removed at N20. (This observation was closed on 31 October 2014.)
- (d) A chemical container was found without a drip tray and chemical label at N4. The chemical container was removed at N4. (This observation was closed on 31 October 2014.)
- (e) Dust emission was observed during the loading activity at S15. Water spray was provided to prevent dust emission during the loading activity at S15. (This observation was closed on 31 October 2014.)
- (f) No impervious sheet was provided for the gap between vessel Hai Bo 8 and Chang Sheng 306 during transfer of dusty materials at S7. An impervious sheet was provided for the gap between Hai Bo 8 and Chang Sheng 306 during transfer of dusty materials at S7. (This observation was closed on 31 October 2014.)
- (g) Stagnant water might accumulate in the recesses of concrete block at S7. The recesses of concrete block were filled up at S7. (This observation was closed on 31 October 2014.)
- (h) A gap was found between silt curtain and sea shore at S7. The gap between silt curtain and sea shore was enclosed at S7. (This observation was closed on 31 October 2014.)

31 October 2014

- (a) An oil drum was placed inside a drip tray at the construction area near Site Entrance S9 but the drip tray was not placed on a horizontal surface. The Contractor was reminded to place the drip tray properly.
- (b) General refuse was found at the construction area near Entrance S19. The Contractor was reminded to remove the general refuse.

5 November 2014

- (a) An oil drum was placed inside a drip tray at the construction area near Site Entrance S9 but the drip tray was not placed on a horizontal surface. The drip tray for the oil drum was placed properly at the construction area at the Site Entrance S9. (This observation was found on 31 October 2014 and closed on 5 November 2014.)
- (b) General refuse was found at the construction area near Entrance S19. The general refuse and stagnant water were removed at S19. (This observation was found on 31 October 2014 and closed on 5 November 2014.)
- (c) Oil leakage was found under the excavator at Shun Tat 82. Drip tray and a stopper were provided for the excavator to prevent oil leakage at Shun Tat 82. (This observation was closed on 12 November 2014.)
- (d) Rubbish was found on the ground at N13. The rubbish was removed from the ground at N13. (This observation was closed on 12 November 2014.)
- (e) Fill materials were observed dry at N13. Fill materials were compacted to reduce dust emissions at N13. (This observation was closed on 12 November 2014.)
- (f) Stagnant water might accumulate in the recesses of concrete block at S11. The recesses of concrete block were filled up at S11. (This observation was closed on 12 November 2014.)
- (g) The mechanical cover of dump truck (licence plate: CN920) was found broken at S15. The mechanical cover of dump truck (licence plate CN920) was repaired at S15. (This observation was closed on 12 November 2014.)
- (h) The noise barriers were found broken at S25. The broken noise barriers were replaced at S25. (This observation was closed on 12 November 2014.)
- (i) Three chemical containers were found without drip tray at S7. The chemical containers were removed at S7. (This observation was closed on 12 November 2014.)

12 November 2014

- (a) Chemical drums were found without drip tray at N1. Chemical labels and drip tray were provided for the chemical drums at N1. (This observation was closed on 19 November 2014.)
- (b) Stagnant water was found inside a drip tray at S11. The drip tray was removed at S11 and no stagnant water was found on the ground. (This observation was closed on 19 November 2014.)
- (c) The drip tray for a water pump was found broken at S11. The broken drip tray for the water pump was replaced. (This observation was closed on 19 November 2014.)
- (d) Oil stain was found on the road surface at S16. The oil stain was removed from the road surface at S16. (This observation was closed on 19 November 2014.)
- (e) Stagnant water might accumulate inside the recesses of the concrete blocks at S19. The recesses of the concrete blocks were filled up at S19. (This observation was closed on 19 November 2014.)
- (f) Stagnant water was found inside the H-beam at S23. The stagnant water was removed from the H-beam at S23. (This observation was closed on 19 November 2014.)
- (g) The sand bags placed along the deck edge were incomplete and some broken sand bags were found at the deck edge. Sand bags were provided along the barge edge to

prevent washing away of sand into the sea. (This observation was closed on 19 November 2014.)

19 November 2014

- (a) Accumulated rubbish was found inside a skip at N1. Waste skip and accumulated rubbish was removed at N1. (This observation was closed on 28 November 2014.)
- (b) A broken drip tray was found at N13. Broken drip tray was removed at N13. (This observation was closed on 28 November 2014.)
- (c) The chemical containers were found without chemical labels and drip tray at N4. Chemical containers were removed at N4. (This observation was closed on 28 November 2014.)
- (d) Dust emission was observed during excavation at S11. Water spray was provided during excavation at S11. (This observation was closed on 28 November 2014.)
- (e) Oil leakage was found from a drip tray without drain plug at S25. Stopper was provided for the drip trays for prevention oil leakage at S25. (This observation was closed on 28 November 2014.)
- (f) Stagnant water was found inside h-beam at S7. Stagnant water inside H-beams at S7 was removed. (This observation was closed on 28 November 2014.)
- (g) Muddy water was found in the outfall at S8-S9. Muddy water in the outfall at S8-S9 was pumped to wastewater treatment facilities. (This observation was closed on 28 November 2014.)

28 November 2014

- (a) Accumulated rubbish was found inside a skip at S19. The Contractor was reminded to remove the accumulated rubbish from the skip at S19.
- (b) Oil drum was found outside drip tray at N1. The Contractor was reminded to put the oil drum into drip tray at N1.
- (c) Chemical container was found without drip tray at N1. The Contractor was reminded to provide drip tray for the chemical container at N1.

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.