

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 4, 11, 18 and 27 June 2014, 2, 9, 16, 25 and 30 July 2014 and 6, 13, 20 and 29 August 2014.

1.1.2 Particular observations during the site inspections are described below.

4 June 2014

- (a) Stagnant water inside a wheel-barrow was observed at N13. The wheel barrow was removed at N13. (This observation was found 30 May 2014 and closed on 4 June 2014.)
- (b) Stagnant water inside the drip tray of a generator was observed at N1. The stagnant water inside the drip tray of a generator was removed at N1. (This observation was found 30 May 2014 and closed on 4 June 2014.)
- (c) Bags of cement were not entirely covered at N1. The cement bags were removed at N1. (This observation was found 30 May 2014 and closed on 4 June 2014.)
- (d) No vehicle washing bay was provided at site exit of S8/S9. A vehicle washing bay was provided at the site exit of S8/S9. (This observation closed on 11 June 2014.)
- (e) Fugitive dust emission was observed when piling works were undertaken at S11. An impervious cover was provided for the piling works at S11. (This observation closed on 11 June 2014.)
- (f) Oily films were observed on the ground near an air pressure pump at S11. The oily films were removed near the air pressure pump at S11. (This observation was found 4 June 2014 and closed on 11 June 2014.)
- (g) Dust emission was observed when the vehicle moved at S25. A water bowser tanker was used to spraying water on dry unpaved road at S25. (This observation closed on 11 June 2014.)
- (h) A dry unpaved road was found at S25. There was a potential of fugitive dust emission. A water bowser tanker was used to spraying water on dry unpaved road at S25. (This observation closed on 11 June 2014.)
- (i) No waste water treatment system/facility was connected to the wheel washing bay at S25. A waste water treatment system/facility was connected to the wheel washing bay at S25. (This observation closed on 11 June 2014.)

11 June 2014

- (a) Fugitive dust emission was observed when piling works were undertaken at S11. An impervious layer was provided for the piling works at S11. (This observation was closed on 18 June 2014.)
- (b) The cement mixing plant was not covered properly at S11. The cement mixing plant was covered properly at S11. (This observation was closed on 18 June 2014.)
- (c) Construction equipment were stored adjacent to the trees at S11. The construction equipment were removed from the trees at S11. (This observation was closed on 18 June 2014.)
- (d) Stagnant water was found inside a disused wheel washing bay at N4. Stagnant water was drained from a disused wheel washing bay at N4. (This observation was closed on 18 June 2014.)
- (e) The stockpiles of materials were found in dry condition at N13. The stockpiles of dry materials were sprayed with water at N13. (This observation was closed on 18 June 2014.)

- (f) Poor condition of noise barrier was found at S16 since the site inspection undertaken on 11 June 2014. The Contractor was reminded to provide maintenance for the noise barrier at S16. Rectification work is in progress.
- (g) Sub-standard wheel washing facility was found at S25 since the site inspection undertaken on 11 June 2014. The Contractor was reminded to enhance the wheel washing facility at S25. Rectification work is in progress.

18 June 2014

- (a) The overlapping length of the vessel access opening formed by two pieces of silt curtain was found less than 150m. The overlapping length of two pieces of silt curtain for the vessel access opening was observed over 150m. (This observation was closed on 27 June 2014.)
- (b) No sandbags were provided along the public road at N13 to avoid washing away of sand from construction site into the public road. Sandbags were provided along the public road at N13. (This observation was closed on 27 June 2014.)
- (c) The noise enclosure was not fully enclosed at S23. Noise enclosure was enclosed fully at S23. (This observation was closed on 27 June 2014.)
- (d) Leakage of oil from an excavator was found at S16. Oil stains were cleaned up at S16. (This observation was closed on 27 June 2014.)
- (e) Fill materials were found at the edge of vessel of Chung Sheng 308 at S7. Fill materials at the edge of vessel of Chung Sheng 308 at S7. (This observation was closed on 27 June 2014.)
- (f) No water drainage channel was provided for flood protection at S15. Drainage system was provided at S15. (This observation was closed on 27 June 2014.)
- (g) The impervious sheet of the dump truck was found damaged at S16. Impervious sheet of dump truck was repaired at S16. (This observation was closed on 27 June 2014.)
- (h) Poor condition of noise barrier was found at S16 since the site inspection on 11 June 2014. Rectification work is in progress. The Contractor was reminded to provide maintenance to noise barrier at S16.
- (i) Sub-standard wheel washing facilities were found at S25 since the site inspection on 11 June 2014. Rectification work is in progress. The Contractor was reminded to enhance standard of wheel washing facilities at S25.

27 June 2014

- (a) No drip tray and chemical label were provided for the unknown chemicals at N4. The Contractor was reminded to provide drip tray and label to chemical containers at N4.
- (b) Stagnant water was found in the wheel washing at N4. The Contractor was reminded to clean up the wheel washing bay regularly at N4.
- (c) Insufficient tree protection was found at N4. The Contractor was reminded to remove construction materials and fence off the tree at N4.
- (d) Accumulation of rubbish was found in rubbish disposal area at S15. The Contractor was reminded to remove rubbish frequently at S15.
- (e) Leakage of oily film was found from the drip tray at S15. The Contractor should provide the stopper to drip tray to avoid oil leakage at S15.
- (f) Stagnant water was found in the drip tray at N1. The Contractor was reminded to remove stagnant water at N1.
- (g) Opening of water barrier without cover was observed at N1. The Contractor was reminded to seal the water barrier at N1.

- (j) Poor condition of noise barrier was found at S16 since the site inspection on 11 June 2014. Rectification work is in progress. The Contractor was reminded to provide maintenance to noise barrier at S16.
- (k) Sub-standard wheel washing facilities was found at S25 since the site inspection on 11 June 2014. Rectification work is in progress. The Contractor was reminded to enhance standard of wheel washing facilities at S25.

2 July 2014

- (a) Poor condition of noise barrier was found at S16. Maintenance to noise barrier was provided at S16. (This observation was found 11 June 2014 and closed on 2 July 2014.)
- (b) Sub-standard wheel washing facilities was found at S25. The standard of wheel washing facilities was enhanced at S25. (This observation was found 11 June 2014 and closed on 2 July 2014.)
- (c) No drip tray and chemical label were provided for the unknown chemicals at N4. The unknown chemicals without chemical labels were removed at N4. (This observation was found 27 June 2014 and closed on 2 July 2014.)
- (d) Stagnant water was found in the wheel washing at N4. The stagnant water was removed from the wheel washing bay at N4. (This observation was found 27 June 2014 and closed on 2 July 2014.)
- (e) Insufficient tree protection was found at N4. The stockpile of sand bags was removed from the trees at N4. (This observation was found 27 June 2014 and closed on 2 July 2014.)
- (f) Accumulation of rubbish was found in rubbish disposal area at S15. The accumulated rubbish was removed from the rubbish disposal area at S15. (This observation was found 27 June 2014 and closed on 2 July 2014.)
- (g) Leakage of oily film was found from the drip tray at S15. The oily film was removed at S15. (This observation was found 27 June 2014 and closed on 2 July 2014.)
- (h) Stagnant water was found in the drip tray at N1. Stagnant water was removed in the drip tray at N1. (This observation was found 27 June 2014 and closed on 2 July 2014.)
- (i) Opening of water barrier without cover was observed at N1. The opening of water barrier was sealed at N1. (This observation was found 27 June 2014 and closed on 2 July 2014.)
- (j) No sand bags were provided to prevent leakage of muddy water onto the public road at S11-S15. Sand bags were provided to prevent leakage of muddy water onto the public road at S11-S15. (This observation was closed on 9 July 2014.)
- (k) Water barriers were stored near the trees at S11-S15. The water barriers stored near the trees were removed at S11-S15. (This observation was closed on 9 July 2014.)
- (l) Accumulation of waste was found at S15. The accumulated waste was removed at S15. (This observation was closed on 9 July 2014.)
- (m) A chemical container was found without drip tray and chemical label at Chun Ming 83. The chemical container without drip tray and chemical label at Chun Ming 83 was removed. (This observation was closed on 9 July 2014.)
- (n) Gaps were found between silt curtain and seashore at S16. Maintenance works were undertaken for the silt curtain and no gaps were found between silt curtain and seashore at S16. (This observation was closed on 9 July 2014.)
- (o) Curved silt curtain was found. The curved silt curtain was straightened. (This observation was closed on 9 July 2014.)
- (p) Poor condition of noise barriers were found at S16. Proper maintenance was provided for the noise barriers at S16. (This observation was closed on 9 July 2014.)

9 July 2014

- (a) The cover of dump truck (number plate: HA196) was found damaged at S15. The damaged dump truck cover (number plate: HA196) was repaired at S15. (This observation was closed on 16 July 2014.)
- (b) Curved silt curtain was found. The curved silt curtain was straightened. (This observation was closed on 16 July 2014.)
- (c) The drainage system was found blocked by the silt and debris at S23. The silt and debris was cleared out of the drainage system at S23. (This observation was closed on 16 July 2014.)
- (d) Accumulation of rubbish was found at S15. The accumulated rubbish was removed at S15. (This observation was closed on 16 July 2014.)
- (e) Cement bags were found without cover at S15. The uncovered cement bags were removed at S15. (This observation was closed on 16 July 2014.)
- (f) Black smoke emission was observed from vessel Chun Ming 18 at S7. The air filter from the emission system of vessel Chun Ming 18 at S7 was replaced. (This observation was closed on 16 July 2014.)
- (g) Stagnant water was found in the H-pile at N4. The stagnant water was removed from the H-pile at N4. (This observation was closed on 16 July 2014.)
- (h) The cement mixing plant was found without proper cover at S11. A cover was added to the cement mixing plant at S11. (This observation was closed on 16 July 2014.)

16 July 2014

- (a) The water barrier was found damaged at WA6. The opening of water barrier was repaired at WA6. (This observation was closed on 25 July 2014.)
- (b) The unpaved road was found dry at S15. The unpaved road was sprayed with water at S15. (This observation was closed on 25 July 2014.)
- (c) Curved silt curtain was found. The curved silt curtain was straightened. (This observation was closed on 25 July 2014.)
- (d) Improper wheel washing facility was provided at the exit of N20 since the site inspection on 16 July 2014. Rectification work is in progress. The Contractor was reminded to provide proper wheel washing facility at the exit of N20. (This observation was still outstanding on 30 July 2014.)
- (e) Accumulation of waste was found at S15. Waste was cleared at S15. (This observation was closed on 25 July 2014.)
- (f) Stagnant water was found inside a drip tray at N1. Stagnant water inside the drip tray was cleared at N1. (This observation was closed on 25 July 2014.)

25 July 2014

- (a) Accumulation of rubbish was found at S15 and N4. Rubbish was removed at S15 and N4. (This observation was closed on 30 July 2014.)
- (b) Stagnant water was found in the wheel washing bay at N4. Stagnant water was cleared in the wheel washing bay at N4. (This observation was closed on 30 July 2014.)
- (c) Stagnant water was found on the H-beam at N4. Stagnant water was cleared on the H-beam at N4. (This observation was closed on 30 July 2014.)
- (d) Oil stain was found in the drip tray at N1. Oil stain in the drip tray was cleared properly at N1. (This observation was closed on 30 July 2014.)
- (g) Improper wheel washing facility was provided at the exit of N20 since the site inspection on 16 July 2014. Rectification work is in progress. The Contractor was reminded to provide proper wheel washing facility at the exit of N20. (This observation was still outstanding on 30 July 2014.)

- (h) Improper wheel washing facilities were provided at the entrance/exit at S22 since the site inspection on 25 July 2014. Rectification work is in progress. The Contractor was reminded to provide proper wheel washing facility at the entrance/exit of S22. (This observation was still outstanding on 30 July 2014.)

30 July 2014

- (a) Poor condition of silt curtain was found. The Contractor was reminded to straighten the curved silt curtain.
- (b) Damaged hoarding was found at S11. The Contractor was reminded to provide maintenance to the damaged hoarding at S11.
- (c) Poor condition of noise barriers was found at S16. The Contractor was reminded to provide maintenance to noise barriers at S16.
- (d) No drip tray and chemical labels were provided for the chemicals at S25. The Contractor was reminded to provide chemical labels and drip tray for the chemicals at S25.
- (e) Dust was generated from the unpaved road at S15. The Contractor was reminded to spray water on the unpaved road at S15.
- (f) The cement mixing plant was found without proper cover at the top and 3 sides at S9. The Contractor was reminded to provide proper cover at the top and 3 sides at S9.
- (h) Improper wheel washing facility was provided at the exit of N20 since the site inspection on 16 July 2014. Rectification work is in progress. The Contractor was reminded to provide proper wheel washing facility at the exit of N20.
- (i) Improper wheel washing facilities were provided at the entrance/exit at S22 since the site inspection on 25 July 2014. Rectification work is in progress. The Contractor was reminded to provide proper wheel washing facility at the entrance/exit of S22.

6 August 2014

- (a) Poor condition of silt curtain was found. The curved silt curtain was straightened. (This observation was found on 30 July 2014 and closed on 6 August 2014.)
- (b) Damaged hoarding was found at S11. The damaged hoarding was repaired at S11. (This observation was found on 30 July 2014 and closed on 6 August 2014.)
- (c) Poor condition of noise barriers was found at S16. The poor condition of noise barriers were repaired at S16. (This observation was found on 30 July 2014 and closed on 6 August 2014.)
- (d) No drip tray and chemical labels were provided for the chemicals at S25. A drip tray and chemical labels were provided to the chemical containers at S25. (This observation was found on 30 July 2014 and closed on 6 August 2014.)
- (e) Dust was generated from the unpaved road at S15. A water bowser tanker was used to spray water on the dusty unpaved road at S15. (This observation was found on 30 July 2014 and closed on 6 August 2014.)
- (f) The cement mixing plant was found without proper cover at the top and 3 sides at S9. The cement mixing plant was removed at S9. (This observation was found on 30 July 2014 and closed on 6 August 2014.)
- (j) Black smoke emission was observed from vessel Shun Tak 22. The air filter was replaced from the emission system on vessel Shun Tak 22. (This observation was closed on 13 August 2014.)
- (k) Gaps were found between silt curtains. The gaps between silt curtains were enclosed. (This observation was closed on 13 August 2014.)
- (l) Waste oil was stored in an improper container and no drip tray was provided for the waste oil container at N13. The improper waste oil container was removed at N13. (This observation was closed on 13 August 2014.)

- (m) Accumulation of rubbish and leachate were found at S15. The accumulated rubbish was removed and leachate was cleaned up at S15. (This observation was closed on 13 August 2014.)
- (n) Oil stain was found on the ground at N4. The oil stain was cleaned up. (This observation was closed on 13 August 2014.)
- (o) Stagnant water was found inside the H-beam at N4. The stagnant water was removed from the H-beam at N4. (This observation was closed on 13 August 2014.)
- (p) An improper wheel washing facility was provided at the exit of N20 since the site inspection undertaken on 16 July 2014. Rectification work was being undertaken. The Contractor was reminded to provide a proper wheel washing facility at the exit of N20 as soon as possible.
- (q) An improper wheel washing facility was provided at the entrance/exit at S22 since the site inspection on 25 July 2014. Rectification work was being undertaken. The Contractor was reminded to provide a proper wheel washing facility at the entrance/exit of S22 as soon as possible.

13 August 2014

- (a) Oil stain was found on the deck of vessel Shun Tak 82. The oil stain was removed from the deck of vessel Shun Tak 82. (This observation was closed on 20 August 2014.)
- (b) Gaps were found between silt curtains. The gaps between silt curtains were enclosed. (This observation was closed on 20 August 2014.)
- (c) Fill materials were found at the edge of vessel Kiu Tak at S7. The fill materials were removed from the edge of vessel Kiu Tak at S7. (This observation was closed on 20 August 2014.)
- (d) Muddy water was discharged from vessel Shun Tak 22 at S15-S16. No muddy water discharge from vessel Shun Tak 22 was stopped. (This observation was closed on 20 August 2014.)
- (e) Dust emission was observed from the breaking activity at N1. Water spray was used to suppress dust emission from the breaking activity at N1. (This observation was closed on 20 August 2014.)
- (f) No sand bags were provided along the seafront of S7 to prevent surface runoff to the sea. Sand bags were provided along the seafront of S7 to prevent surface run-off to the sea. (This observation was closed on 20 August 2014.)
- (g) An improper wheel washing facility was provided at the exit of N20 since the site inspection undertaken on 16 July 2014. Rectification work was being undertaken. The Contractor was reminded to provide a proper wheel washing facility at the exit of N20 as soon as possible.
- (h) An improper wheel washing facility was provided at the entrance/exit at S22 since the site inspection on 25 July 2014. Rectification work was being undertaken. The Contractor was reminded to provide a proper wheel washing facility at the entrance/exit of S22 as soon as possible.

20 August 2014

- (a) Curved silt curtain was found. The curved silt curtain was straightened. (This observation was closed on 29 August 2014.)
- (b) The drip tray was found without stopper at N4. A stopper was provided for the drainage hole of the drip tray at N4. (This observation was closed on 29 August 2014.)
- (c) Stagnant water was found inside the H-beam at N4. The stagnant water inside the H-beam at N4 was cleared. (This observation was closed on 29 August 2014.)

- (d) Stagnant water was found on the ground at N13. The Stagnant water was cleared on the ground at N13. (This observation was still outstanding on 29 August 2014.)
- (e) A chemical container was found without drip tray and chemical label at N13. The chemical container was removed at N13. (This observation was closed on 29 August 2014.)
- (f) Accumulation of rubbish was found at N1. The accumulated rubbish at N1 was cleared. (This observation was closed on 29 August 2014.)
- (g) An improper wheel washing facility was provided at the exit of N20 since the site inspection undertaken on 16 July 2014. Rectification work was being undertaken. The Contractor was reminded to provide a proper wheel washing facility at the exit of N20 as soon as possible.
- (h) An improper wheel washing facility was provided at the entrance/exit at S22 since the site inspection on 25 July 2014. Rectification work was being undertaken. The Contractor was reminded to provide a proper wheel washing facility at the entrance/exit of S22 as soon as possible.

29 August 2014

- (a) Stagnant water was found in the recesses of the concrete block at N4. The Contractor was reminded to fill up the recesses to avoid accumulation of water.
- (b) Stagnant water was found inside the H-beam and N4. The Contractor was reminded to drain the stagnant water inside the H-beam at N4.
- (c) A stockpile of concrete debris was found dry at N4. The Contractor was reminded to implement dust control measure to avoid fugitive dust emission.
- (d) Lubricant oil drums were found without chemical labels at N4. The Contractor was reminded to provide chemical labels for all oil/chemical drums on site.
- (e) Stagnant water was found at the abutment at N1. The Contractor was reminded to remove the stagnant water at the abutment.
- (f) An improper wheel washing facility was provided at the exit of N20 since the site inspection undertaken on 16 July 2014. Rectification work was being undertaken. The Contractor was reminded to provide a proper wheel washing facility at the exit of N20 as soon as possible.
- (g) An improper wheel washing facility was provided at the entrance/exit at S22 since the site inspection on 25 July 2014. Rectification work was being undertaken. The Contractor was reminded to provide a proper wheel washing facility at the entrance/exit of S22 as soon as possible.

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.