

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 month, four site inspections were carried out on 3, 10, 18 and 27 September 2013; 2, 9, 16, 22 and 29 October 2013 and 6, 13, 20 and 29 November 2013.

1.1.2 Particular observations during the site inspections are described below.

3 September 2013

- (a) The construction materials were placed near the tree fence at S8. The Contractor removed construction materials inside the tree fence at S8. (This observation was found on 30 August 2013 and closed on 3 September 2013.)
- (b) A section of silt curtain close to the opening/entrance was shifted and the overlapping section of silt curtain for the opening/entrance became shorter when compared to the original configuration. The section of silt curtain close to the entrance was realigned to the original configuration at Portion X. (This observation was closed on 10 September 2013.)
- (c) Some of the plastic boxes were found to drift inside the silt curtain at Portion X. The Contractor cleaned up the plastic boxes which were inside the silt curtain at Portion X. (This observation was closed on 10 September 2013.)
- (d) The chemical container was found to be without the drip trays at San Pump Barge. The Contractor removed chemical container at San Pump Barge. (This observation was closed on 10 September 2013.)
- (e) Muddy water was found leaking from the site area to public road at S11. The Contractor cleaned muddy water on the public road at S11. (This observation was closed on 10 September 2013.)
- (f) The stagnant water was found inside a drip tray at West Portal. The Contractor cleaned up stagnant water inside the drip tray at West Portal. (This observation was closed on 10 September 2013.)
- (g) The stagnant water was found inside I-beams at West Portal. The Contractor cleaned up stagnant water inside I-beams at West Portal. (This observation was closed on 10 September 2013.)

10 September 2013

- (a) Sand was found at the passageway of Yao Chun 138. The Contractor cleaned up the sand at Yao Chun 138 (This observation was closed on 18 September 2013.)
- (b) The chemical container was found without drip tray at Sand Pump Barge. The Contractor removed chemical container at Sand Pump Barge. (This observation was closed on 18 September 2013.)
- (c) There were some footprints (sand) on the public road area at S11. The footprints (sand) were cleaned by the street cleaning vehicle at S11. (This observation was closed on 18 September 2013.)
- (d) No drip tray was provided for the operating compressor at West Portal. The Contractor provided a drip tray for the operating compressor at West Portal. (This observation was closed on 18 September 2013.)

18 September 2013

- (a) Sand was found at the passageway LT30. The Contractor cleaned up the passageway of LT30. (This observation was closed on 27 September 2013.)
- (b) No sand bags were placed around the sand stockpile at WA04 to prevent muddy water discharge onto the road. The Contractor provided sand bags around the sand stockpile to prevent muddy water discharge on to the road at WA04. (This observation was closed on 27 September 2013.)
- (c) The unpaved road was found to be dry at N13. The Contractor provided water spraying on the unpaved road regularly at N13. (This observation was closed on 27 September 2013.)
- (d) The unpaved area was found to be dry at S16. The Contractor provided water spraying on the unpaved road regularly at S16. (This observation was closed on 27 September 2013.)
- (e) Oil was found inside a drip tray at West Portal. The Contractor cleaned up the oil inside the drip tray at West Portal. (This observation was closed on 27 September 2013.)

27 September 2013

- (a) Stagnant water was found inside a drip tray at West Portal. The Contractor was reminded to clean up stagnant water inside the drip tray at West Portal.
- (b) Dust emission was found at work area of West Portal. The Contractor was reminded to provide sufficient dust mitigation measures at work area of West Portal.

2 October 2013

- (a) Stagnant water was found inside a drip tray at West Portal. The stagnant water inside the drip tray was cleaned up by the contractor at West Portal. (This observation was found on 27 September 2013 and closed on 2 October 2013.)
- (b) Dust emission was found at work area of West Portal. Water spraying system was implemented by the contractor to prevent dust emission at West Portal. (This observation was found on 27 September 2013 and closed on 2 October 2013.)
- (c) Sand bags were found without well maintenance on the Sand pump barge. Sand bags were found well maintained on the sand pump barge. (This observation was closed on 09 October 2013.)
- (d) No sand bags were placed beside the road to avoid the muddy water leak out into the sea at S7. The Sand bags were placed along the road to avoid the muddy water leak out into the sea at S7. However, rocks and debris were still found next to sea front. (This observation was closed on 16 October 2013.)
- (e) The oil container was found to be without drip tray at West Portal. The oil container was removed at West Portal (This observation was closed on 09 October 2013.)
- (f) The chemical containers were found to be without drip trays at N5. Drip trays were provided for the chemical containers at N5. (This observation was closed on 09 October 2013.)
- (g) Oil containers were found to be without a drip tray at S8. Drip trays were provided for the oil containers at S8. (This observation was closed on 09 October 2013.)
- (h) The oil containers were found without drip trays at N13. The oil container was removed at N13. (This observation was closed on 09 October 2013.)
- (i) The dust emission was found on the public road. The public road was watered to avoid dust emission at S8. (This observation was closed on 09 October 2013.)

9 October 2013

- (a) Oil Stain was found on the deck of YC138. The oil stain was cleaned up on the deck of YC 138. (This observation was closed on 16 October 2013.)
- (b) Excess fill materials were found along the barge edge of CM83. The excess fill material along the barge edge was cleaned up at CM83. (This observation was closed on 16 October 2013.)
- (c) No sand bags were placed along the road to avoid the muddy water leak out into the sea at S7. The sand bags were placed along the road to avoid the muddy water leak out into the sea at S7. (This observation was closed on 16 October 2013.)
- (d) The chemical container was found to be without drip trays at S9. The chemical container was removed at S9. (This observation was closed on 16 October 2013.)
- (e) No Environmental Permit was displayed at the major site exit of WA04. The Environmental Permit was displayed at the major site exit of WA04. (This observation was closed on 16 October 2013.)
- (f) Muddy track was found at the access road of WA04. The Contractor cleaned up the muddy track at the access road of WA04 (This observation was closed on 16 October 2013.)
- (g) Stagnant water was found inside the I-beams at West Portal. The stagnant water inside the I-Beams was cleaned up at West Portal. (This observation was closed on 16 October 2013.)

16 October 2013

- (a) There were gaps between sections of silt curtain at Portion X. The black cover was used to enshroud the gaps between the silt curtains at Portion X. (This observation was closed on 22 October 2013.)
- (b) The unpaved area was found to be dry at WA03. The water vehicle was arranged by the contractor to spray water on the unpaved area at WA03. (This observation was closed on 22 October 2013.)
- (c) Chemical containers were accumulated in one drip tray at N4. Some of chemical containers were put over the top of the other chemical containers. The excess chemical containers were removed by the contractor at N4. (This observation was closed on 22 October 2013.)
- (d) The drip tray for generator was filled up by sand at S8. The sand inside the drip tray was cleaned up at S8. (This observation was closed on 22 October 2013.)
- (e) Sand was found on the passage way at Kin Yip. The excess fill materials on the passage way were cleaned up by the contractor at Kin Yip. (This observation was closed on 22 October 2013.)
- (f) Black smoke was generated by the operating machine at S9. The contractor provided well maintenance for the construction machine to avoid the black smoke generation at S9. (This observation was closed on 22 October 2013.)
- (g) The length of blue cover for the tube was not enough to avoid dust generation from the percussive piling works at S9. The green cover was extended to create an enclose area so as to avoid the dust emission from the piling work at S9. (This observation was closed on 22 October 2013.)

22 October 2013

- (a) The unpaved area was found to dry at S11. The contractor provided water spraying on the dry unpaved area. (This observation was closed on 29 October 2013.)
- (b) The construction material was placed near the tree at S9. The contractor removed the material. (This observation was closed on 29 October 2013.)

- (c) The chemical containers were found to be without drip tray at N13. Drip trays were provided for the chemical containers. (This observation was closed on 29 October 2013.)
- (d) Excess fill materials were found along the barge edge of Chung Tin. The contractor cleaned up the fill materials. (This observation was closed on 29 October 2013.)
- (e) The dust emission was generated from the concrete breaking activities at West Portal. The contractor provided water spraying for the concrete breaking activities. (This observation was closed on 29 October 2013.)

29 October 2013

- (a) Oil drums without drip tray were found at S8/S9 and West Portal. The contractor was reminded to provide drip trays to oil drums.
- (b) The door of engine of a mobile crane at S8/S9 was unable to close. The contractor was reminded to provide proper maintenance to the equipment.

6 November 2013

- (a) Oil drums without drip tray were found at S8/S9 and West Portal. The oil drums were removed by the contractor at S8/S9 and West Portal. (This observation was found on 29 October 2013 and closed on 6 November 2013.)
- (b) The door of engine of a mobile crane at S8/S9 was unable to close. The door of engine of a mobile crane was closed at S8/S9. (This observation was found on 29 October 2013 and closed on 6 November 2013.)
- (c) Excess fill materials were found on the passage way of Chung Shing 2002. Excess fill materials were cleaned up on the passage way of Chung Shing 2002. (This observation was closed on 13 November 2013.)
- (d) Stagnant water was found inside a drip tray at S8. Stagnant water was cleaned up by contractor at S8. (This observation was closed on 13 November 2013.)
- (e) Oil containers were found to be without drip trays at S8. The oil drums were removed at S8. (This observation was closed on 13 November 2013.)
- (f) Oil containers were found to be without drip trays at West Portal. The oil drums were removed at West Portal. (This observation was closed on 13 November 2013.)
- (g) Stagnant water was found inside a drip tray at West Portal. Stagnant water was cleaned up at West Portal. (This observation was closed on 13 November 2013.)
- (h) Stagnant water was found inside a rubbish container at West Portal. Stagnant water inside the rubbish containers was cleaned up at West Portal. (This observation was closed on 13 November 2013.)
- (i) Oil leakage was found on the ground at N4. Oil leakage was cleaned up at N4. (This observation was closed on 13 November 2013.)
- (j) Oil slicks were found inside the wheel washing tank at West Portal. The waste oil was cleaned up at West Portal. (This observation was closed on 13 November 2013.)
- (k) No clear label was provided for chemical waste containers at N4. Clear labels were provided for chemical waste containers at N4. (This observation was closed on 13 November 2013.)

13 November 2013

- (a) Stagnant water was found inside the recesses for lifting eyes of concrete blocks at S16. Stagnant water inside the recesses for lifting eyes of concrete blocks were filled up by the rubbles at S16. (This observation was closed on 20 November 2013.)
- (b) A gap was found between the silt curtains at Portion X. A black cover was used to overlay the gap between each silt curtains at Portion X. (This observation was closed on 20 November 2013.)
- (c) Waste chemical containers were found to be without clear labels at West Portal. Clear labels were provided for the waste chemical containers at West Portal. (This observation was closed on 20 November 2013.)
- (d) Oil container was found to be without drip tray at Sand Pump Barge. Oil container was removed at Sand Pump Barge. (This observation was closed on 20 November 2013.)
- (e) Oil containers were found to be without drip trays at N4. Oil containers were removed at N4. (This observation was closed on 20 November 2013.)
- (f) Oil container was found to be without drip tray at S11. Oil containers were removed at S11. (This observation was closed on 20 November 2013.)
- (g) Waste oil was found inside the wheel washing tank at West Portal. The new wheel washing tank was available to replace the old wheel washing tanks to avoid the waste oil leak out into it at West Portal. (This observation was closed on 20 November 2013.)

20 November 2013

- (a) Stagnant water was found inside the recesses for lifting eyes of concrete blocks at the S11. Stagnant water inside the recesses for lifting eyes of concrete blocks were filled up by the rubbles at S11. (This observation was closed on 29 November 2013.)
- (b) Stagnant water was found inside the drip tray for the generation at N4. Stagnant water was cleared inside the drip tray for the generation at N4. (This observation was closed on 29 November 2013.)
- (c) Waste chemical containers were found to be without drip trays at S15. Waste chemical containers were removed at S15. (This observation was closed on 29 November 2013.)
- (d) Unpaved area was found to be dry at S17. Unpaved area was found to be wet at S17. (This observation was closed on 29 November 2013.)
- (e) No sand bags were placed along the road to avoid the muddy water leaking out into the sea at S7. Sand bags was placed along road to avoid muddy water leaking into the sea at S7. (This observation was closed on 29 November 2013.)
- (f) Excess fill materials were found on the passage way of vessel at S7. Excess fill materials were cleared up on the passage way of vessel at S7. (This observation was closed on 29 November 2013.)
- (g) Chemical container was found to be without drip tray at S11. Drip tray was provided for chemical container at S11. (This observation was closed on 29 November 2013.)

29 November 2013

- (a) Dusty bare ground and temporary stockpile of dusty material without cover at West Portal were observed. The contractor was reminded to strengthen dust control measures.

- 1.1.3 The Contractor has rectified all of the observations (except the observation recorded on 29 November 2013) as identified during environmental site inspections during the reporting period. Follow-up actions for outstanding observation on 29 November 2013 will be inspected during the next site inspections.