

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 7, 14, 21 and 30 December 2016 and 4, 11, 18 and 27 January 2017 and 3, 8, 15, 22 and 28 February 2017. Particular observations during the site inspections are described below:

Date of Audit	Observations	Actions Taken by Contractor / Recommendation	Date of Observations Closed
29 Nov 2016	<ol style="list-style-type: none"> 1. Drip tray was not provided for chemical containers at N26. 2. Stagnant water was observed at N26. 3. Stagnant water was observed at A2. 4. Water leakage from wastewater treatment plant was observed at N26. 5. No proper cover for the stored cement bags were observed at N26. 6. No proper cover for dusty material was observed at N20. 	<ol style="list-style-type: none"> 1. The chemical containers were removed from N26. 2. The stagnant water was removed from N26. 3. The stagnant water was removed from A2. 4. The wastewater treatment plant was repaired and no water leakage was observed from the wastewater treatment plant. 5. The stored cement bags were covered properly at N26. 6. The dusty materials were covered by tarpaulin at N20. 	7 Dec 2016
7 Dec 2016	<ol style="list-style-type: none"> 1. Gap of silt curtain was observed at Portion X. 2. Silt curtain was misaligned at Portion X. 3. No drip tray was provided for chemical containers at HMA. 4. No drip tray was provided for chemical drums at HMA. 5. Dump truck was overloaded at S15. 6. Stagnant water was observed at the entrance of S15. 7. Wheel washing facilities were not in operation at S25. 8. Oil stains were observed in the holes at Shaft 2. 9. No drip tray was provided for chemical containers at SHT. 10. No drip tray was provided for a chemical drum at SHT. 	<ol style="list-style-type: none"> 1. The silt curtain was maintained properly at Portion X. 2. The silt curtain was aligned properly at Portion X. 3. The chemical containers were removed from HMA. 4. The chemical drums were removed from HMA. 5. The dump truck was not overloaded at S15. 6. The stagnant water was removed from the entrance of S15. 7. Wheel washing was provided for the vehicles leaving the construction site at S25. 8. The oil stains were removed from the ground of Shaft 2. 9. The chemical containers were removed from SHT. 10. The chemical drum was removed from SHT. 	14 Dec 2016
14 Dec 2016	<ol style="list-style-type: none"> 1. Gap of silt curtain was observed at Portion X. 2. Waste was accumulated in a skip at S15. 3. Waste was accumulated on the ground at S15. 	<ol style="list-style-type: none"> 1. The silt curtain was repaired at Portion X. 2. The waste in the skip was removed from S15. 3. The waste on the ground was removed from S15. 	21 Dec 2016



Date of Audit	Observations	Actions Taken by Contractor / Recommendation	Date of Observations Closed
	<ol style="list-style-type: none"> 4. Cement bags were not covered at S25. 5. No drip tray was provided for chemical containers at S25. 6. Oil stain was observed on the ground at S25. 7. Unpaved road was observed dry at S25. 8. Cover of truck was not enclosed at S25. 9. Dust was emitted during concrete breaking at Shaft 3. 10. Waste was accumulated in a skip at HMA. 11. Waste was accumulated on the ground at WA6. 	<ol style="list-style-type: none"> 4. The uncovered cement bags were removed from S25. 5. Drip tray was provided for the chemical drums at S25. 6. The oil stain on the ground was removed from S25. 7. Watering was provided for the unpaved road. 8. The truck was covered properly at S25. 9. Water spraying was provided for concrete breaking at Shaft 3. 10. The waste in the skip was removed from HMA. 11. The waste on the ground was removed from WA6. 	
21 Dec 2016	<ol style="list-style-type: none"> 1. Gap of silt curtain was observed at Portion X. 2. No drip tray was provided for a chemical container at HMA. 3. Rubbish was accumulated on the ground at PR9. 4. Rubbish was accumulated on the ground at S9. 5. Rubbish was accumulated on the ground at S11. 	<ol style="list-style-type: none"> 1. The silt curtain was repaired at Portion X. 2. The chemical container was removed at HMA. 3. The rubbish was removed on the ground at PR9. 4. The rubbish was removed on the ground at S9. 5. The rubbish was removed on the ground at S11. 	30 Dec 2016
30 Dec 2016	<ol style="list-style-type: none"> 1. Silt curtain with gap was observed at Portion X. 2. Drip tray was not provided for chemical containers at N30. 3. Toe of water-filled barrier was not properly sealed at N30. 4. Waste was observed at N30. 5. Stagnant water was observed at N30. 	<ol style="list-style-type: none"> 1. The silt curtain was repaired at Portion X. 2. The chemical containers were removed from N30. 3. The toe of water-filled barriers was properly sealed up by sand bags at N30. 4. The waste on the ground was removed from N30. 5. The stagnant water was removed from N30. 	4 Jan 2017
4 Jan 2017	<ol style="list-style-type: none"> 1. More than 20 bags of cement were not covered at HMA. 2. Waste was accumulated on the ground at S15. 3. Waste was accumulated on the ground at S19. 4. The tank of wastewater treatment facility was not cleaned at S23. 5. Waste was accumulated on the ground at S25. 	<ol style="list-style-type: none"> 1. The uncovered cement bags were removed from HMA. 2. The accumulated waste was removed from S15. 3. The accumulated waste was removed from S19. 4. The tank of wastewater treatment facility was cleaned and resumed proper operation at S23. 5. The accumulated waste was removed from S25. 	11 Jan 2017



Date of Audit	Observations	Actions Taken by Contractor / Recommendation	Date of Observations Closed
11 Jan 2017	<ol style="list-style-type: none"> 1. Gap of silt curtain was observed at Portion X. 2. Waste was accumulated inside the wheelie bins at HMA. 3. No drip tray was provided for chemical drums at N26. 4. No drip tray was provided for chemical drums at S23. 5. Wheel washing facility was not operated at S25. 6. Chemical waste containers were not labelled at S25. 7. No drip tray was provided for a chemical drum at S25. 8. Mud was observed next to the water-filled barriers at S25. 	<ol style="list-style-type: none"> 1. The silt curtain was maintained at Portion X. 2. The accumulated waste was removed from the wheelie bin at HMA. 3. The chemical drums were removed from N26. 4. The chemical drums were removed from S23. 5. The wheel washing facility was maintained and resumed normal operation. 6. The chemical waste containers were labelled properly at S25. 7. A drip tray was provided for the chemical drum at S25. 8. The mud was removed from the toe of water-filled barriers at S25. 	18 Jan 2017
18 Jan 2017	<ol style="list-style-type: none"> 1. Gap of silt curtain was observed at Portion X. 2. No filtering material was installed at the discharge of pipe at S25. 3. Sand was observed next to the water-filled barriers on East Coast Road. 4. No earth bund was observed at PR9. 5. Stagnant water was observed at PR9. 6. Mud storage pit was full at S16. 7. No filtering material was installed at the exit of pipe at S16. 8. Cover of truck was not enclosed at S25. 9. Pipe of wastewater treatment facility was broken at N1. 	<ol style="list-style-type: none"> 1. The silt curtain was maintained at Portion X. 2. Filtering material was installed at the discharge of pipe at S25. 3. The sand next to the water-filled barriers was removed on East Coast Road. 4. Earth bund was provided at PR9. 5. The stagnant water was removed from PR9. 6. The mud was removed from the mud storage pit at S16. 7. Filtering material was installed at the exit of pipe at S16. 8. The truck was covered properly at S25. 9. The broken pipe of wastewater treatment facility was fixed at N1. 	27 Jan 2017
27 Jan 2017	<ol style="list-style-type: none"> 1. Rubbish was observed at N1. 2. Drip tray was not provided for chemical containers at N1. 3. Mud was observed in drainage channel at N1. 	<ol style="list-style-type: none"> 1. The rubbish was removed from N1. 2. The chemical containers were removed from N1. 3. The mud was removed from the drainage channel at N1. 	3 Feb 2017

Date of Audit	Observations	Actions Taken by Contractor / Recommendation	Date of Observations Closed
3 Feb 2017	<ol style="list-style-type: none"> 1. Waste was accumulated on the ground of S15. 2. Waste was accumulated on the ground floor of N1. 3. Waste was accumulated in the tunnel of N1. 4. Chemical drums were found without drip tray at S15. 5. More than 20 bags of cement were not covered at West Portal. 	<ol style="list-style-type: none"> 1. The accumulated waste was removed from S15. 2. The accumulated waste was removed from the ground floor of N1. 3. The accumulated waste was removed from the tunnel of N1. 4. The chemical drums were removed from S15. 5. The cement bags were covered entirely by impervious sheeting at West Portal. 	8 Feb 2017
8 Feb 2017	<ol style="list-style-type: none"> 1. Gap of silt curtain was observed at Portion X. 2. Waste was accumulated in a skip at S8. 3. Gap of earth bund was observed at S11. 4. No drip tray was provided for a chemical drum at S11. 5. No drip tray was provided for chemical containers at S11. 6. Concrete was disposed of on the construction area of S15. 7. Waste was accumulated on the ground of S16. 8. Waste was accumulated in a wheelie bin at HMA. 9. Cover of dump truck was not closed at S25. 10. More than 20 bags of cement were not covered at S25. 11. More than 20 bags of cement were not covered at HMA. 	<ol style="list-style-type: none"> 1. The silt curtain was maintained at Portion X. 2. The waste accumulated in the skip was removed from S8. 3. The gap of earth bund was filled up by concrete at S11. 4. The chemical drum was removed from S11. 5. The chemical containers were removed from S11. 6. The concrete disposed of on the construction area was removed from S15. 7. The accumulated waste was removed from S16. 8. The waste accumulated in the wheelie bin was removed from HMA. 9. The cover of dump truck was closed at S25. 10. The cement bags were removed from S25. 11. The cement bags were covered by impervious sheeting at HMA. 	15 Feb 2017 22 Feb 2017
15 Feb 2017	<ol style="list-style-type: none"> 1. More than 20 bags of cement were not covered at HMA. 2. Gaps of earth bund were observed at S7. 3. Waste was accumulated inside a skip at S15. 4. No drip tray was provided for chemical drums at S15. 5. Cover of dump truck was not closed at S15. 6. Waste was accumulated on the ground 	<ol style="list-style-type: none"> 1. The cement bags were covered by impervious sheeting at HMA. 2. The gaps of earth bund were filled up by sand bags at S7. 3. The accumulated waste was removed from the skip at S15. 4. Drip tray was provided for the chemical drums at S15. 5. The cover of dump truck was closed at S15. 6. The accumulated waste was removed from the ground of S25. 7. The cement bags were covered by 	22 Feb 2017

Date of Audit	Observations	Actions Taken by Contractor / Recommendation	Date of Observations Closed
	of S25. 7. More than 20 bags of cement were not covered at S25.	impervious sheeting at S25.	
22 Feb 2017	<ol style="list-style-type: none"> 1. Gap of silt curtain was observed at Portion X. 2. Waste was accumulated at HyD Workshop. 3. No drip tray was provided for a chemical drum at HyD Workshop. 4. No drip tray was provided for chemical containers at HMA. 5. No drip tray was provided for a generator at S25. 6. Waste was accumulated on soil at S25. 7. Waste was accumulated near the entrance of N1. 8. Waste was accumulated in the tunnel of N1. 	<ol style="list-style-type: none"> 1. The silt curtain was maintained at Portion X. 2. The waste accumulated was removed from HyD Workshop. 3. The chemical drum was removed from HyD Workshop. 4. The chemical containers were removed from HMA. 5. Drip tray was provided for the generator at S25. 6. The waste accumulated on soil was removed from S25. 7. The accumulated waste was removed from the entrance of N1. 8. The accumulated waste was removed from the tunnel of N1. 	28 Feb 2017
28 Feb 2017	<ol style="list-style-type: none"> 1. Enclosure was not provided for grouting station at N26. However, the grouting station was not in operation. 2. Drip tray was not provided for a chemical drum at N26. 3. Drip tray was not provided for chemical drums at N26. 4. Drip tray was not provided for chemical drum at N26. 	<p><u>The Contractor was recommended to:</u></p> <ol style="list-style-type: none"> 1. Provide enclosure for the grouting station at N26. 2. Provide drip tray for the chemical drum at N26. 3. Provide drip tray for the chemical drums at N26. 4. Provide drip tray for the chemical drum at N26. 	Follow-up actions for the observations issued for the last weekly site inspection of the reporting month will be inspected during the next site inspections

The Contractor has rectified the observations as identified during environmental site inspections.