

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 6, 14, 20 and 30 December 2017; and 3, 10, 17 and 26 January 2018; and 1, 7, 14 and 23 February 2018. Particular observations during the site inspections are described below:

Date of Audit	Observations	Actions Taken by Contractor / Recommendation	Date of Observations Closed
28 Nov 2017	<ol style="list-style-type: none"> 1. Silt curtain with gap was observed at Portion X. 2. Waste was observed at the depressed roundabout of N30. 3. Stagnant water was observed at the depressed roundabout of N30. 4. Oil stain was observed and drip tray was not provided for a generator at S16. 5. Drip tray was not provided for an oil drum at S16. 	<ol style="list-style-type: none"> 1. The silt curtain was maintained properly at Portion X. 2. The waste was removed from the depressed roundabout of N30. 3. The stagnant water was removed from the depressed roundabout of N30. 4. The generator was removed, and the oil stain was removed as chemical waste from S16. 5. The oil drum was removed from S16. 	6 Dec 2017
6 Dec 2017	<ol style="list-style-type: none"> 1. No drip tray was provided for chemical containers at depressed roundabout of N30. 2. Waste was observed at S15. 3. Mosquito issue was observed at plant room of S15. 4. Stagnant water was observed at S16. 5. Improper water discharge was observed at plant room of S15. 	<ol style="list-style-type: none"> 1. The chemical containers were removed from depressed roundabout of N30. 2. The waste was removed from S15. 3. Larvicide was applied at plant room of S15. 4. The stagnant water was removed from S16. 5. The improper water discharge was stopped and the blue hose was removed from plant room of S15. 	14 Dec 2017
14 Dec 2017	<ol style="list-style-type: none"> 1. Chemical containers were observed without drip trays at N26. 2. Oil drums were observed without drip tray at N26. 3. Mud was observed on paved road at HMA. 4. Oil stain was observed on the ground at WA4. 5. Concrete waste was accumulated in a skip and the skip was full at 	<ol style="list-style-type: none"> 1. The chemical containers were placed within a drip tray at N26. 2. The oil drums were removed at N26. 3. The mud was removed from paved road of HMA. 4. The oil stain was removed from WA4. 5. The concrete waste was removed from the skip at WA4. 6. The general waste was removed 	20 Dec 2017

Date of Audit	Observations	Actions Taken by Contractor / Recommendation	Date of Observations Closed
	<p>WA4.</p> <p>6. General refuse was observed on the ground at West Portal.</p>	<p>from West Portal.</p>	
20 Dec 2017	<p>1. Mechanical cover of a dump truck was not cover during transportation at HMA.</p> <p>2. Construction waste was found on the ground at S16.</p> <p>3. Construction waste was observed on the ground at S25.</p> <p>4. Oil stain was observed on the ground at S25.</p> <p>5. Insufficient dust control measures for cement mixing was observed at S15.</p>	<p>1. The mechanical cover of the dump truck was closed during transportation of materials HMA.</p> <p>2. The construction waste was removed from S16.</p> <p>3. The construction waste was removed from S25.</p> <p>4. The oil stain was removed on the ground from S25.</p> <p>5. The cement mixing facility was removed at S15.</p>	30 Dec 2017
30 Dec 2017	<p>1. Drip tray was not provided for oil drum at Depressed Roundabout of S16.</p> <p>2. Access road was appeared dry at N20A.</p> <p>3. Wheel washing was observed insufficient at N30.</p> <p>4. Drip tray was not provided for chemical containers at N30.</p> <p>5. Wheel washing was observed insufficient at S16.</p> <p>6. Stagnant water was observed at S16.</p> <p>7. No water spraying on stockpile during excavation at S16.</p> <p>8. Waste was observed at S16.</p> <p>9. Waste was observed at S15.</p> <p>10. Waste was observed at Depressed Roundabout of S16.</p>	<p>1. The oil drum was removed from Depressed Roundabout at S16.</p> <p>2. Water spraying was provided to the access road at N20A.</p> <p>3. Wheel washing facilities with high pressure water jet was provided to clean the vehicles before leaving the work area at N30.</p> <p>4. The chemical containers were removed from N30.</p> <p>5. Wheel washing facilities with high pressure water jet was provided to clean the of vehicles before leaving the work area at S16.</p> <p>6. The stagnant water was removed at S16.</p> <p>7. The stockpile was removed at S16.</p> <p>8. The waste was cleared at S16.</p> <p>9. The waste was removed at S15.</p> <p>10. The waste was removed at Depressed Roundabout of S16.</p>	3 Jan 2018
3 Jan 2018	<p>1. Dust emission was observed during vehicles movement at N26.</p> <p>2. Gap of silt curtains was observed at Portion X.</p> <p>3. Construction waste was observed on the ground at N20.</p> <p>4. Construction waste was observed</p>	<p>1. Water spraying was provided at the road of N26 to reduce dust emission.</p> <p>2. The silt curtains were maintained at Portion X.</p> <p>3. The construction waste was removed from N20.</p> <p>4. The construction waste was</p>	10 Jan 2018

Date of Audit	Observations	Actions Taken by Contractor / Recommendation	Date of Observations Closed
	<p>on the ground at S15.</p> <p>5. Chemical drums were observed without drip tray at HAT.</p>	<p>removed from S15.</p> <p>5. The chemical drums were removed from HAT.</p>	
10 Jan 2018	<p>1. Wastewater from the site was not controlled properly to prevent discharge entering into marine water at S7.</p> <p>2. Construction waste was accumulated on the ground at S15.</p> <p>3. Construction waste was observed at Plant room of S15.</p> <p>4. Construction waste was accumulated on the ground at S9.</p> <p>5. Chemical containers were observed without drip tray at S7.</p>	<p>1. Proper bunding were set up to prevent wastewater from the site entering into marine water at S7.</p> <p>2. The construction waste at was removed from S15.</p> <p>3. The construction waste was removed from Plant Room of S15.</p> <p>4. The construction waste was removed from S9.</p> <p>5. The chemical containers were removed from S7.</p>	17Jan 2018
17 Jan 2018	<p>1. Mud was observed on the paved haul road at N26.</p> <p>2. Construction waste was observed at Plant Room of S15.</p> <p>3. Construction waste was observed at HAT.</p>	<p>1. Mud was cleared on the paved haul road at N26.</p> <p>2. The construction waste was removed from Plant Room of S15.</p> <p>3. The construction waste was removed from HAT.</p>	26 Jan 2018
26 Jan 2018	<p>1. Waste was observed at HAT.</p> <p>2. No drip tray was provided to chemical containers at HAT.</p> <p>3. No drip tray was provided to chemical containers at S16.</p> <p>4. Waste was observed at S16.</p> <p>5. Stagnant water was observed inside the drip tray next to a generator at S16.</p> <p>6. Abandoned cement bags was observed at S16.</p>	<p>1. The waste was removed from HAT.</p> <p>2. The chemical containers were removed from HAT.</p> <p>3. The chemical containers were removed from S16.</p> <p>4. The waste was removed from S16.</p> <p>5. The stagnant water was removed from the drip tray next to the generator at S16.</p> <p>6. The abandoned cement bags were removed from S16</p>	1 Feb 2018

Date of Audit	Observations	Actions Taken by Contractor / Recommendation	Date of Observations Closed
1 Feb 2018	<ol style="list-style-type: none"> Gaps of silt curtains was observed at Portion X. Chemical containers were observed without drip tray at HAT. Construction waste was accumulated at HAT. Abandoned chemical containers were observed without drip tray at HAT. Chemical containers were observed without drip tray at S9. 	<ol style="list-style-type: none"> The silt curtains were maintained at Portion X. The chemical containers were removed from HAT. The construction waste was removed from HAT. The abandoned chemical containers were removed from HAT. The chemical containers were removed from S9. 	7 Feb 2018
7 Feb 2018	<ol style="list-style-type: none"> Haul Road was observed dry at S22. Wheel washing facilities were observed insufficient at S7. Chemicals inside the drip tray was observed full at S15. Construction waste was observed on the ground at S15. 	<ol style="list-style-type: none"> Water spraying was applied to the haul road at S22. Wheel washing facilities with high pressure water jet was provided to clean the vehicles before leaving the work area at S7. The chemicals inside the drip trays were cleared at S15. The Construction waste was removed from S15. 	14 Feb 2018
	<ol style="list-style-type: none"> Site runoff was not controlled properly to prevent discharge entering into marine water at S7. 	<ol style="list-style-type: none"> The Contractor was reminded to take measures to prevent wastewater from the site entering into marine water at S7. 	Follow-up actions for the observation will be inspected during the site inspection conducted in March 2018.
14 Feb 2018	<ol style="list-style-type: none"> A chemical container was found with drip tray at HAT. Dust emission was observed during vehicle movement at S16. Construction waste was observed at N1. Oil stain was found on the ground at S9. Construction waste was observed at HAT. Construction waste was 	<ol style="list-style-type: none"> The chemical waste container was removed from HAT. Water Spraying was applied on the haul road at S16. The construction waste was removed from N1. The oil stain was cleared on the ground at S9. The construction waste was removed from HAT. The construction waste was 	23 Feb 2018

Date of Audit	Observations	Actions Taken by Contractor / Recommendation	Date of Observations Closed
	observed at N1.	removed at N1.	
23 Feb 2018	<ol style="list-style-type: none"> 1. No drip tray was provided for an oil drum at N30. 2. No drip tray was provided for oil drums at S16. 3. No drip tray was provided for chemical container at N30. 4. Gap of silt curtain was observed at Portion X. 	<p><u>The Contractor was recommended to:</u></p> <ol style="list-style-type: none"> 1. provide drip tray for the oil drum at N30. 2. provide drip tray for the oil drums at S16. 3. provide drip tray for the chemical container at N30. 4. maintain the silt curtains properly at Portion X. 	<p>Follow-up actions for the observations issued for the last weekly site inspection of the reporting month will be inspected during the next site inspection.</p>

The Contractor has rectified most the observations as identified during environmental site inspections. Follow-up actions for outstanding observations will be inspected during the next site inspection.