

## **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 mitigation measures for the project. During the reporting period, site inspections were carried out on 3, 10, 15, 24 and 31 January, 9, 12, 22 and 28 February and 7, 14, 19 and 28 March 2018.

Particular observations during the site inspections are described below.

### **29 December 2017**

- a. A stockpile of C&D material was observed near P105 (Bridge D1). Subsequently, the C&D material was cleared. The observation was closed on 3 January 2018.

### **3 January 2018**

- a. Spreading of dust was observed at haul road near P104 (Bridge D1). Subsequently, the haul road near P104 (Bridge D1) has been water spray to ensure wet surface. The observation was closed on 10 January 2018.
- b. Loose general refuse was observed near the pump house area. Subsequently, the general refuse was cleared. The observation was closed on 10 January 2018.

### **10 January 2018**

- a. Uncovered C&D waste was observed near the bridge D8. Subsequently, the C&D waste was cleared. The observation was closed on 15 January 2018.

### **15 January 2018**

- a. The Contractor was reminded to display a sign of temporary stop in the vicinity of wheel washing facilities. Subsequently, the sign of temporary stop in the vicinity of wheel washing area was provided. The observation was closed on 24 January 2018.
- b. The Contractor was reminded to provide watering on road at Bridge D1. Subsequently, water spray was provided. The observation was closed on 24 January 2018.
- c. The Contractor was reminded to clear the general refuse inside the gully on the deck of Bridge D1. Subsequently, the general refuse was cleared. The observation was closed on 24 January 2018.
- d. C&D materials were accumulated on the deck of Bridge D1. Subsequently, the C&D materials were sorted and enclosed. The observation was closed on 24 January 2018.
- e. The Contractor was reminded to provide chemical container with drip tray at Box Culvert C. Subsequently, the chemical container was removed. The observation was closed on 24 January 2018.
- f. The Contractor was reminded to display the appropriate NRMM label affixed on the generator at Box Culvert C. Subsequently, the appropriate NRMM label was affixed. The observation was closed on 24 January 2018.

### **24 January 2018**

- a. Poor house keeping including loose general refuse was observed near pump house area. Subsequently, the general refuse was cleared. The observation was closed on 22 February 2018.
- b. Loose general refuse was observed at Box Culvert C area. The Contractor was reminded to clear the general refuse as soon as possible. Subsequently, the general refuse was cleared. The observation was closed on 31 January 2018.

### **31 January 2018**

- a. Loose general refuse was observed near A801 area. The Contractor was reminded to clear the general refuse as soon as possible. Subsequently, the general refuse was cleared. The observation was closed on 9 February 2018.

- b. Loose general refuse was observed near pump house area at P805. The Contractor was reminded to clear the general refuse as soon as possible. Subsequently, the general refuse was cleared. The observation was closed on 9 February 2018.

#### **9 February 2018**

- a. Dust emission was observed near Bridge P14 area. The Contractor was reminded to provide water spraying near Bridge P14 area. Subsequently, Water spraying has been provided near Bridge P14 area regularly. The observation was closed on 22 February 2018.
- b. Unsorted C&D materials were observed near Box Culvert C area. The Contractor was reminded to sort the C&D materials on site. Subsequently, the C&D materials were removed. The observation was closed on 12 February 2018.

#### **12 February 2018**

- a. Fugitive dust was generated when vehicles passed through the haul road between wheel washing facilities and Box Culvert C. The Contractor was reminded to provide watering on haul road frequently. Subsequently, water spraying has been provided on the haul road. The observation was closed on 22 February 2018.
- b. A generator without valid NRMM label was observed in the vicinity of Box Culvert C. The Contractor was reminded to affix valid NRMM label. Subsequently, the generator was removed from site. The observation was closed on 22 February 2018.
- c. Dark smoke emission from generator was observed in the vicinity of Box Culvert C. The Contractor was reminded to maintain plants/equipment in a good condition. Subsequently, the generator with dark smoke emission near Box Culvert C was fixed. The observation was closed on 22 February 2018.
- d. A chemical container without provision of drip tray was observed in the vicinity of Box Culvert C. The Contractor was reminded to provide drip tray. Subsequently, the chemical container was removed from site. The observation was closed on 22 February 2018.
- e. General refuse was scattered in the vicinity of Box Culvert C. The Contractor was reminded to dispose of general refuse properly. Subsequently, the general refuse was cleared. The observation was closed on 22 February 2018.
- f. C&D materials mixed with general refuse were observed at P803. The Contractor was reminded to sort general refuse out of C&D materials properly. Subsequently, the C&D materials were sorted and the general refuse was removed. The observation was closed on 22 February 2018.

#### **22 February 2018**

- a. Dark smoke emission was observed from a lifting vehicle near P802 area. Subsequently, the lifting vehicle was removed from site. The observation was closed on 28 February 2018.

#### **28 February 2018**

- a. Accumulation of stagnant water was observed near Bridge P1305. Subsequently, the stagnant water near Bridge P1305 was cleared and sand was used to fill up the holes to prevent formation of stagnant water. The observation was closed on 7 March 2018.
- b. Dust emission at haul road near Bridge P1411 was observed. Subsequently, water spraying was provided. The observation was closed on 7 March 2018.

#### **7 March 2018**

- a. A chemical container without drip tray was observed near Box Culvert C. The Contractor was reminded to provide drip tray for the chemical container. Subsequently, the chemical container near Box Culvert C was removed. The observation was closed on 14 March 2018.
- b. Loose general refuse was observed near depressed road. Subsequently, the loose general refuse near depressed road was cleared. The observation was closed on 14 March 2018.
- c. The wetsep near the wheel washing bay was not in operation. Subsequently, the wetsep near the wheel washing bay was set in operation. The observation was closed on 14 March 2018.

**14 March 2018**

- a. Accumulation of general refuse without covering was observed near bridge P803. Subsequently, clearance of the accumulated general refuse was conducted. The observation was closed on 19 March 2018.
- b. Sand was observed near the storm drainage channel on the paved haul road. Subsequently, the sand was cleared. The observation was closed on 19 March 2018.
- c. Loose general refuse was observed near pump house area. Subsequently, the loose general refuse was cleared. The observation was closed on 19 March 2018.

**19 March 2018**

- a. Haul road next to Bridge D1 was dusty. Subsequently, water spraying was provided. The observation was closed on 28 March 2018.
- b. Chemical containers near P1302 were on bare ground. Subsequently, the containers were removed. The observation was closed on 28 March 2018.
- c. The size of a NRMM label on a generator near P1005 appeared to be smaller than the required dimensions. Subsequently, a correct size of NRMM label was provided. The observation was closed on 28 March 2018.
- d. A waste skip near P1008 was full and additional loose C&D waste was observed nearby. Also, loose general refuse was observed near P1302. Subsequently, the general refuse and loose C&D waste were cleared. The observation was closed on 28 March 2018.

**28 March 2018**

- a. Accumulation of general refuse without covering was observed near P803. The Contractor was reminded to clear the general refuse as soon as possible. Follow-up actions for the outstanding observation will be inspected during the upcoming site inspections and reported in the coming reporting period.
- b. Accumulation of stagnant water was observed at the gully on the deck of bridge D15. The Contractor was reminded to clear the stagnant water as soon as possible. Follow-up actions for the outstanding observation will be inspected during the upcoming site inspections and reported in the coming reporting period.
- c. Loose general refuse was observed between bridge D9c and bridge D14. The Contractor was reminded to clear the general refuse as soon as possible. Follow-up actions for the outstanding observation will be inspected during the upcoming site inspections and reported in the coming reporting period.
- d. Accumulation of C&D waste was observed on the deck of bridge D15. The Contractor was reminded to clear the C&D waste as soon as possible. Follow-up actions for the outstanding observation will be inspected during the upcoming site inspections and reported in the coming reporting period.