Appendix E Waste Flow Table



Monthly Summary Waste Flow Table for \_\_\_\_\_

<u>2018 (year)</u>

Contract No.: EP/SP/66/12

Project : Integrated Waste Management Facilities, Phase 1

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	Actual Quantities of Inert C&D Materials Generated Monthly								Actual Quantities of C&D Wastes Generated Monthly						
Month	Total Quantity Generated	Hard Rock and Large Broken Concrete (see Note 1)	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Imported Fill Sand	Imported Fill Public fill	Imported Fill Rock	Metals	Paper/ cardboard packaging	Plastics (see Note 2)	Chemical Waste		Others, e.g. general refuse (see Note 3)	
	(in ,000m <sup>3</sup> )	(in ,000m <sup>3</sup> )	(in ,000m <sup>3</sup> )	(in ,000m <sup>3</sup>	(in ,000m <sup>3</sup> )	(1	in ,000m <sup>3</sup> )		(in ,000 kg)	(in ,000kg)	(in ,000kg)	(in ,000kg)	(in ,000L)	$(in,000 \text{ m}^3)$	
Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sub-total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0065	
Sep	0	0	0	0	0	2.9619	0	0	0	0	0	0	0	0	
Oct	0	0	0	0	0	3.0771	0	0	0	0	0	0	0	0.0130	
Nov	0	0	0	0	0	6.7871	0	0	0	0	0	0	0	0	
Dec	0	0	0	0	0	59.0709	0	0	0	0	0	0.2000	0.8700	0	
Total	0	0	0	0	0	71.8970	0	0	0	0	0	0.2000	0.8700	0.0195	

(1) Broken concrete for recycling into aggregates.

Notes:

(2) Plastics refer to plastic bottles/ containers, plastic sheets/ foam from packaging materials.

(3) Use the conversion factor : 1 full load of dumping truck being equivalent to  $6.5m^3$  by volume.



Monthly Summary Waste Flow Table for \_\_\_\_\_

2019 (year)

Contract No.: EP/SP/66/12

Project : Integrated Waste Management Facilities, Phase 1 Actual Quantities of Inert C&D Materials Generated Monthly Actual Quantities of C&D Wastes Generated Monthly Hard Rock Imported Imported Imported and Large Fill Fill Fill Others, e.g. general Total Reused in Reused in Paper/ Month Broken Disposed as Plastics Sand Public Rock refuse Metals cardboard Chemical Waste Quantity the other Public Fill Concrete (see Note 2) fill packaging Generated Contract Projects (see Note 3) (see Note 1)  $(in,000m^3)$   $(in,000m^3)$   $(in,000m^3)$   $(in,000m^3)$   $(in,000m^3)$   $(in,000m^3)$  $(in, 000m^3)$ (in ,000L) (in ,000kg) (in ,000kg) (in ,000kg)  $(in,000 \text{ m}^3)$ (in ,000 kg) 0 0 0 0 0 0 0 0 0 0 0 82.6139 0 0.0065 Jan 0 0 0 0 0 0 0 0 0 0 0 0 Feb 46.7821 0 0 0 0 0 0 97.1000 0 0.7552 0 0.2560 0 0 0 0 Mar 0 0 0 0 0 0 0 0 0 0 Apr 58.0413 0 0 0 0 0 0 0 0 0 0 0 0 May 14.5625 0 1.4648 0 0.0065 0 0 0 0 0 0 0 0 0 0 0 0 6.8421 0 Jun 0 0 0 0 0 299.0998 0 9.0621 0 0.2560 0 0 0 0.0130 Sub-total 0 0 0 0 0 0 0 0.4289 0 0 0 0 8.4000 0.0130 Jul 0 0 10.5600 0 0 0 0 0 0 0 0 0 2.5775 0 Aug 0 0 0 0 0 0 Sep 0 0 6.1081 8.4704 0.3530 0 0 0.0065 0 0 0 0 0 9.8875 0 0 0 0 0 0 7.1900 0 Oct 0 0 0 0 0 0 0 0 0 38.3088 19.3105 0 0 0.0195 Nov Dec 0 0 0 0 0 54.3469 0 26.9807 0 0 0 0 0 0.0910 0 0 0 0 0 Total 0 410.3286 0 82.0026 0 0.6090 0 8.4000 0.1430

(1)Broken concrete for recycling into aggregates.

Notes:

Plastics refer to plastic bottles/ containers, plastic sheets/ foam from packaging materials. (2)

Use the conversion factor : 1 full load of dumping truck being equivalent to  $6.5m^3$  by volume. (3)



Monthly Summary Waste Flow Table for

2020 (year)

refuse

(see Note 3)

 $(in,000 \text{ m}^3)$ 

0.0065

0.0065

0.0065

0.0195

0.0195

0.0065

0.0650

0.0195

0

0.0195

0.0130

0.0130

0.0130

0.1430

Contract No.: EP/SP/66/12 Actual Quantities of Inert C&D Materials Generated Monthly Actual Quantities of C&D Wastes Generated Monthly Hard Rock Imported Imported Imported and Large Fill Fill Fill Others, e.g. general Total Reused in Reused in Paper/ Month Broken Disposed as Plastics Sand Public Rock Metals cardboard Chemical Waste Quantity the other Public Fill Concrete (see Note 2) fill packaging Generated Contract Projects (see Note 1)  $(in,000m^3)$   $|(in,000m^3)|$   $(in,000m^3)$   $|(in,000m^3)|$   $(in,000m^3)$  $(in, 000m^3)$ (in ,000L) (in ,000kg) (in ,000kg) (in ,000kg) (in ,000 kg) 0 0 0 0 0 0 0 0 0 0 0 37.1550 25.0812 Jan 0 0 0 0 0 27.7910 0 0 0 0 0 0 Feb 18.8300 0 0 0 0 0 22.5669 0 26.1586 0 0 0 0 7.2000 Mar 0 0 0 0 0 0 0 0 Apr 12.7800 0 10.1825 0 0 0 0 0 0 0 0 0 0 16.1138 0 24.3740 0.4220 0 May 0 0 0 0 0 0 0 0 0 31.5177 0 28.3030 0 Jun 0 0 0 0 0 147.9244 0 132.9293 0 0.4220 0 0 7.2000 Sub-total 0 0 0 0 0 34.7856 17.0606 35.1800 0 0 0 0 0 Jul 0 0 0 0 0 0 0 27.1375 65.5667 27.9335 0 0 0 Aug 0 0 11.9813 110.1328 43.5435 0 0 0 Sep 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2.8213 131.6600 22.5415 Oct 0 0 0 0 0 0 0 0 162.1811 44.6475 0.4090 0 0.4000 Nov Dec 0 0 0 0 0 0 174.9800 57.8380 0 0 0 0 0 0 0 0 0 661.5812 364.6133 Total 0 224.6501 0 0.8310 0 0 7.6000

Project : Integrated Waste Management Facilities, Phase 1

(1)Broken concrete for recycling into aggregates.

Notes:

Plastics refer to plastic bottles/ containers, plastic sheets/ foam from packaging materials. (2)

Use the conversion factor : 1 full load of dumping truck being equivalent to  $6.5m^3$  by volume. (3)



Monthly Summary Waste Flow Table for \_\_\_\_\_

2021 (vear)

Project : Integrated Waste Management Facilities, Phase 1 Contract No.: EP/SP/66/12 Actual Quantities of Inert C&D Materials Generated Monthly Actual Quantities of C&D Wastes Generated Monthly Hard Rock Imported Imported Imported and Large Fill Fill Fill Others, e.g. general Total Reused in Reused in Paper/ Month Broken Disposed as Plastics Sand Public Rock refuse Metals cardboard Chemical Waste Quantity the other Concrete Public Fill (see Note 2) fill packaging Contract Generated Projects (see Note 3) (see Note 1)  $(in,000m^3)$   $(in,000m^3)$   $(in,000m^3)$   $(in,000m^3)$   $(in,000m^3)$   $(in,000m^3)$  $(in,000m^3)$ (in ,000kg) (in ,000L) (in ,000kg) (in ,000kg)  $(in,000 \text{ m}^3)$ (in ,000 kg) 0 0 0 0 0 0 198.1311 36.4775 0 0 0 0 0 0.0065 Jan 0 0 0 0 0 0 143.9511 20.9960 0 0 0 0 0 Feb 0.6305 0 0 0 0 0 0 103.1833 23.4510 0 0 0 0 0 0.0130 Mar 161.2956 27.2810 0 0 0 0 0 0 0 0 0 0 Apr 0 0.0130 0 0 0 0 0 0 193.3300 20.5265 0 0 0 0 0 May 0.0715 0 0 0 0 0 141.5728 23.7825 0 0 0 0 0 0 0.0455 Jun 0 0 0 0 0 0 941.4639 152.5145 0 0 0 0 0 0.7800 Sub-total Jul Aug Sep Oct Nov Dec 0 0 0 Total 0 0 0 941.4639 152.5145 0 0 0 0 0 0.7800

Notes:

(1) Broken concrete for recycling into aggregates.

(2) Plastics refer to plastic bottles/ containers, plastic sheets/ foam from packaging materials.

(3) Use the conversion factor : 1 full load of dumping truck being equivalent to  $6.5m^3$  by volume.