

**Table 7**  
**Wyndeham Heron**  
**PARTICULATE MATTER EMISSIONS TO ATMOSPHERE DATA (MDHS 14 METHOD)**

Date: 02/09/2009

Site: Wyndeham Heron  
 Atmospheric Press: 1009 mbar  
 Duct: **Compactor**

PARTICULATE MONITORING (MDHS-14)																AIR FLOW DATA				Corrected Volume Flow (Nm <sup>3</sup> /hr)	Mass Flow Rate (kg/hr)	
Duct Reference	Pump No.	Filter No.	Flow Start (l/min)	Checks Finish (l/min)	Average Flow (l/min)	Time ON (hr:m:s)	Time OFF (hr:m:s)	Elapsed Time (hr:m:s)	Elapsed Time (min)	Air Volume Sampled (m <sup>3</sup> )	Filter Initial (mg)	Filter Final (mg)	Filter Difference (mg)	Concn. Partic. Matter (mg/m <sup>3</sup> )	Corr. Part.Matt. Conc. (mg/Nm <sup>3</sup> )	Duct Diameter (cm)	Air Temp. (°C)	Mean Slot Velocity (m/s) <sup>(1)</sup>	Volume Flow (m <sup>3</sup> /hr)			
<b>1</b>	Compactor	23	<b>R21</b>	2.00	1.75	1.88	12:29:00	15:38:00	03:09:00	189.00	0.35438	25.29	25.41	0.12	0.34	<b>0.31</b>	60.00	24	20.20	7401.99	6777.0	<b>0.002</b>
<b>2</b>	Compactor	9	<b>R16</b>	1.50	1.90	1.70	12:29:00	15:38:00	03:09:00	189.00	0.32130	24.90	25.58	0.68	2.12	<b>1.9377</b>	60.00	24	22.40	8208.15	7515.1	<b>0.015</b>
<b>3</b>	Compactor	15	<b>R26</b>	2.00	2.00	2.00	12:29:00	15:38:00	03:09:00	189.00	0.37800	24.73	25.51	0.78	2.06	<b>1.8893</b>	60.00	24	21.20	7768.43	7112.5	<b>0.013</b>
<b>4</b>	Compactor	13	<b>R10</b>	2.00	0.00	1.00	12:29:00	15:38:00	03:09:00	189.00	0.18900	24.77	25.61	0.84	4.44	<b>4.0692</b>	60.00	24	19.40	7108.85	6508.6	<b>0.026</b>

Max	<b>4.07</b>
Min	<b>0.31</b>
<b>Average =</b>	<b>2.05</b>

Max 0.026  
 Min 0.002  
**Average = 0.014**