

**Releases of Bottom Ash from the Primary & Secondary Incinerators**

Reporting of Periodic Emissions Monitoring Data for period from April to June 2023

BOTTOM ASH	Primary Incinerator			Secondary Incinerator		
Parameter	Sample date	Result	Cumulative Average <sup>[1]</sup>	Sample date	Result	Cumulative Average <sup>[1]</sup>
Total Organic Carbon (%) <sup>[2]</sup>	30/6/23	0.6	1.2	The Secondary Line did not operate during this period		
Loss on ignition (%) <sup>[2][3]</sup>	30/6/23	2.4	4.6			
Mercury <sup>[4]</sup>	30/6/23	0.1	0.7			
Cadmium <sup>[4]</sup>	30/6/23	6.37	22.6			
Thallium <sup>[4]</sup>	30/6/23	0.1	1.3			
Antimony <sup>[4]</sup>	30/6/23	52.8	86.4			
Arsenic <sup>[4]</sup>	30/6/23	20	19.0			
Chromium <sup>[4]</sup>	30/6/23	111	90.7			
Cobalt <sup>[4]</sup>	30/6/23	95.6	29.5			
Copper <sup>[4]</sup>	30/6/23	1520	2684.0			
Lead <sup>[4]</sup>	30/6/23	457	1213.9			
Manganese <sup>[4]</sup>	30/6/23	865	669.0			
Nickel <sup>[4]</sup>	30/6/23	150	81.1			
Vanadium <sup>[4]</sup>	30/6/23	18.9	58.5			
PCBs <sup>[5]</sup>	30/6/23	5	2.4			
Dioxins <sup>[6]</sup>	30/6/23	12.63985	30.7			

[1] The cumulative average of all test results for the relevant parameter.  
 [2] Expressed as a percentage of the dry weight of the ash.  
 [3] Loss on ignition is only required to be tested if the Total Organic Carbon result is greater than 3% dry weight.  
 [4] The total of the metal and its compounds, expressed as the metal.  
 [5] PCBs means dioxin-like PCBs. [6] Dioxins means dioxins and furans.

Signed:..... *R. Weimar* .....  
 Authorised to sign on behalf of SITA Waste (Isle of Man) Limited

Date:.....19/9/23.....

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