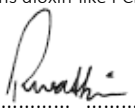


Releases of Bottom Ash from the Primary & Secondary Incinerators

Reporting of Periodic Emissions Monitoring Data for period from October to December 2023

BOTTOM ASH Parameter	Primary Incinerator			Secondary Incinerator		
	Sample date	Result	Cumulative Average ^[1]	Sample date	Result	Cumulative Average ^[1]
Total Organic Carbon (%) ^[2]	31/10/2023	0.6	1.2			1.1
Loss on ignition (%) ^{[2][3]}	31/10/2023	2.0	4.6			6.7
Mercury ^[4]	31/10/2023	< 0.1	0.7			0.6
Cadmium ^[4]	31/10/2023	16.8	22.4			1.9
Thallium ^[4]	31/10/2023	< 0.1	1.2			1.2
Antimony ^[4]	31/10/2023	76.7	86.2			223.8
Arsenic ^[4]	31/10/2023	38.8	19.4			6.9
Chromium ^[4]	31/10/2023	110	91		Secondary did not run in Q4	299.9
Cobalt ^[4]	31/10/2023	91	31.1			12.9
Copper ^[4]	31/10/2023	2050	2678			2932.8
Lead ^[4]	31/10/2023	730	1198			388.7
Manganese ^[4]	31/10/2023	1450	678			611.0
Nickel ^[4]	31/10/2023	107	81.5			228.3
Vanadium ^[4]	31/10/2023	27.7	57.6			18.2
PCBs ^[5]	31/10/2023	2.13	2.4			2.4
Dioxins ^[6]	31/10/2023	26.2	30.1			111.6

[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: 
 Authorised to sign on behalf of SITA Waste (Isle of Man) Limited

Date:.....16/01/2024.....

Form Reference Number: **S3/L/1**
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