

Permit Reference Number : BJ7786IV

Operator : Veolia ES Hampshire Ltd

Installation : Integra N ERF

Form Number : Agency Form /BJ7786IV/ WU1

Reporting of Water Usage for the period: 1st January 2016 to 31st December 2016

Water Source	Usage (m ³)	Specific Usage (L/t)
Mains water	29,365	0.30
Site borehole	NA	NA
TOTAL WATER USAGE	29,635	0.30

Trends in Water Usage			
Year	Named Water source	Total Water usage	Water per unit output
2011	Towns Water	30,293m3	0.31 m ³ /tonne of waste incinerated
2012	Towns Water	39,651m3	0.40 m ³ /tonne of waste incinerated
2013	Towns Water	29,031m3	0.31 m ³ /tonne of waste incinerated
2014	Towns Water	29,405m3	0.29 m ³ /tonne of waste incinerated
2015	Towns Water	25,309m3	0.26 m ³ /tonne of waste incinerated

Operator's comments :

Signed
(authorised to sign as representative of Operator)

Date.....27.02.2017.....

Permit Reference Number : BJ7786IV

Operator : Veolia ES Hampshire Ltd

Installation : Integra N ERF

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Reporting of Energy Usage for the year: 2016

Energy Source	Energy Usage		
	Quantity	Primary Energy (MWh)	CO ₂ Produced (tonnes)
Electricity *	797 MWh	2072	343.9*
Gas Oil	82.72 Tonnes	930.6	232.6*
TOTAL		3002.6	576.5

Year	Trends in Energy Usage Parameter		
	Primary Energy usage	CO ₂ produced	CO ₂ per unit output
2010	2,031	415	0.20
2011	1,679	333	0.19
2012	1,209	225	0.18
2013	291	48	0.16
2014	1,071	177.8	0.16
2015	1,903	315.9	0.16

* Conversion factor for delivered electricity to primary energy = 2.6 (import)

Operator's comments :

*Conversion factor Primary Electricity into CO2 = / 6.0

*Conversion factor Primary Gas Oil into CO2 = / 4.0

Signed  Date 27.01.2017
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Reporting of Performance Indicators for the period 1st January 2016 to 31st December 2016

Annual Production/Treatment		
Total Municipal Waste Incinerated	76,702	tonnes
Total other wastes incinerated	21,295	tonnes
Total Electrical energy generated	53,876	MWhrs
Electrical energy exported to grid	46.243	MWhrs

Performance Parameters

Parameter	Average	Units
Supplementary Fuel Oil	0.84	Kg/tonne of waste incinerated
Mass of bottom ash produced	170.65	kg/tonne of waste incinerated
Mass of APC residues produced	29.05	kg/tonne of waste incinerated
Mass of carbon used	0.16	kg/tonne of waste incinerated
Mass of lime used	7.46	kg/tonne of waste incinerated
Mass of urea used	1.86	kg/tonne of waste incinerated

Trends in Environmental Performance		
Year	Supplementary Fuel Oil used	Waste Hazard Score
2009	79,676 Litres	Awaiting Score Methodology
2010	102,123 Litres	Awaiting Score Methodology
2011	65,000 Litres	Awaiting Score Methodology
2012	90,342 Litres	Awaiting Score Methodology
2013	69,910 Litres	Awaiting Score Methodology

Parameter	Average	Units
Water Use	299.65	L/tonne of waste incinerated
Electrical energy imported to site.	8.13	kwhrs/tonne of waste incinerated

Trends in Environmental Performance		
2014	117,314 Litres	Awaiting Score Methodology
2015	123,222 Litres	Awaiting Score Methodology

Operator's comments :

Signed  Date 27.01.2017
(Authorised to sign as representative of Operator)