

Permit Number: EPR/EP3230BW Operator: EnviroWales Limited  
 Facility: Rassau Recycling Facility Form Number: Energy1 / 15/04/2014


**Reporting of Energy Usage for the year 2017**

Energy Source	Energy Usage		Specific Usage (MWh/unit output)
	Quantity	Primary Energy (MWh)	
Electricity *	MWh	56230	0.95
Natural Gas	MWh	44317	0.75
TOTAL	-	49940	0.84

\* Conversion factor for delivered electricity to primary energy = 2.4

Operator's comments :

Correction in gas bill this year accounts for step-change in usage.



Signed

Date 30<sup>th</sup> January 2018

(Authorised to sign as representative of Operator)

**1,316,610**

Permit Number: EPR/EP3230BW Operator: EnviroWales Limited  
 Facility: Rassau Recycling Facility Form Number: Performance1 / 15/04/2014

**Reporting of other performance indicators for the period 01/01/2017 to 31/12/2017**

Parameter	Units
Total raw material used	69,162 Annually *
Battery recycling efficiencies	96% Annually
Total amount of raw material received on site	69,162 tonnes **
Amount of raw material sent for smelting & refining	83,194 tonnes***
Screened material sent for off-site disposal	6,319 tonnes ****

Operator's comments :

\*Total raw materials used includes all deliveries of Lead bearing materials to site, including whole batteries.

\*\* This is the same figure as detailed under \* .

\*\*\*This includes all lead bearing materials etc.

\*\*\*\* This is furnace slag

Signed 

Date 30<sup>th</sup> January 2018

(Authorised to sign as representative of Operator)

Permit Number: EPR/EP3230BW Operator: EnviroWales Limited  
 Facility: Rassau Recycling Facility Form Number: Water1 / 15/04/2014

**Reporting of emissions to water (other than to sewer) and land for the period from Jan 1<sup>st</sup> 2017 to 31<sup>st</sup> DEC 2017**

Emission Point	Substance / Parameter	Emission			Sample Date and Times <sup>[3]</sup>	Uncertainty <sup>[4]</sup>
		Limit Value	Reference Period	Result <sup>[1]</sup>		
W1	Lead			ND	BS 6068-2.29	
W1	pH			ND	BS ISO 10523	
W1	Suspended solids			ND	BS EN 872	
W1	Oil and grease			ND	SCA blue book 77	
W1	Sulphate			ND	SCA blue book 136	

The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values. Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with Natural Resources Wales is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography. For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed

Date.....Jan 30<sup>th</sup> 1st 2018.

(Authorised to sign as representative of Operator)

ND = No Discharge

Permit Number: EPR/EP3230BW Operator: EnviroWales Limited  
Facility: Rassau Recycling Facility Form Number: WaterUsage1 / 15/04/2014

### Reporting of Water Usage for the year 2017

Water Source	Usage (m <sup>3</sup> /year)	Specific Usage (m <sup>3</sup> /unit output)
Mains water	46,178	1.28
<b>TOTAL WATER USAGE</b>	<b>46,178</b>	<b>1.28</b>

Operator's comments :



Signed

Date...30<sup>th</sup> January 2018

(authorised to sign as representative of Operator)