



**RECYCLING**

## NEATH PORT TALBOT (RECYCLING) LTD

Material Recovery & Energy Centre  
Crymlyn Burrows, Swansea SA1 8PZ  
Telephone 01792 641901  
Fax: 01792 465188

Mrs Karen Dunn  
PPC Compliance Officer  
Natural Resources Wales  
Maes Newydd  
Llandarcy  
Neath Port Talbot  
SA10 6JQ

23<sup>rd</sup> January 2015

**Permit Number: EPR/BJ5775IF**

**Re: Annual Reporting Forms 2013.**

Mrs Dunn,

In accordance with the permit BJ5775IF please find enclosed the following reporting forms for the year 1<sup>st</sup> January to 31<sup>st</sup> December 2014.

- Form S3/AIR4
- Form S3/E1
- Form S3/Wu

Emission point A2 is not connected to any plant equipment; please accept this letter in place of all parameters regarding A2.

If you require any further information, please do not hesitate to contact me.

Yours sincerely

Kevin Stewart  
Health & Safety Manager



Registered in England & Wales  
No: 359 5980  
VAT Reg. No: 761 4840 26



The company is controlled by  
Neath Port Talbot  
County Borough Council





**RECYCLING**

## **NEATH PORT TALBOT (RECYCLING) LTD**

Material Recovery & Energy Centre  
Crymlyn Burrows, Swansea SA1 8PZ  
Telephone 01792 641901  
Fax: 01792 465188

# **ANNUAL PERFORMANCE REPORT ON THE NEATH PORT TALBOT RECYCLING MATERIAL RECOVERY AND ENERGY CENTRE 2014**



Registered in England & Wales  
No: 359 5980  
VAT Reg. No: 761 4840 26



The company is controlled by  
Neath Port Talbot  
County Borough Council



## **Annual Performance Report for Neath Port Talbot (Recycling) Ltd – BJ5775IF – 2014**

This report is required under the Waste Incineration Directive's Article 12(2):- requirements on access to information and public participation. This requires the operator of an incineration or co-incineration plant to produce an annual report to the Regulator on the functioning and monitoring of the plant and to make this available to the public.

### ***Permit Requirement 4.2.3***

For the following activities referenced in schedule 1, table S1.1: AR1, a report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

- (a) A review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
- (b) The annual production / treatment data set out in schedule 4 table S4.2; and
- (c) The performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.

<b>Name of Company:</b>	Neath Port Talbot (Recycling) Ltd
<b>Name of Plant:</b>	Material Recovery and Energy Centre
<b>Permit Number:</b>	BJ5775IF
<b>Address:</b>	Crymlyn Burrows, Swansea, SA1 8PZ
<b>Phone:</b>	01792 641901
<b>Contact Name:</b>	Kevin Stewart
<b>Position:</b>	Health & Safety Manager

### **Shutdown of the Waste to Energy Plant**

NPT Recycling Ltd officially informed Natural Resources Wales that from the 19<sup>th</sup> September 2013, a decision was made by the board to mothball the Waste to Energy part of the MREC site until further notice. The Waste to Energy plant was physically shut down on the 16<sup>th</sup> August 2013.

There have been no operations of the Waste to Energy since 16th August 2013 and therefore no energy production in 2014.

## ENERGY SOURCE

Form S3/E1

## REPORTING OF MONITORING DATA

## SUMMARY FOR THE YEAR TO 31 DECEMBER 2014

Operator: Neath Port Talbot (Recycling) Ltd

Location: Materials Recovery & Energy Centre, Crymlyn Burrows,  
Swansea, SA1 8PZ

Permit Number: BJ5775IF

Table S3/E1: Energy Source

Energy Source	Annual Energy Consumption		CO2 released tonnes
	Primary energy produced on-site MWh *	Primary energy imported MWh **	
Electricity	NIL	8381.865	18741.85
Gas	NIL	NIL	NIL
Gas Oil	NIL	160.618K(L) – DIESEL	420.82

## Notes:

\* Reported energy use shall cover 95% of all energy used by the Installation. An operational record of the energy use calculation shall be maintained. The primary energy generated on site represents energy used by the site and energy exported

\*\* Units of imported electricity should be multiplied by a factor of 2.6 to account for the energy lost in generation and transmission.

CO2 emissions per litre of diesel: 2620 g CO2/litre

CO2 emissions per MWh of electricity generated using dirty coal = 0.86 tonne/MWh

Signed on behalf of the Operator



Dated

23rd Jan 2015

**REPORTING OF PERFORMANCE PARAMETERS  
SUMMARY FOR THE YEAR TO 31<sup>st</sup> DECEMBER 2014**

Operator: Neath Port Talbot (Recycling) Ltd

Location: Materials Recovery & Energy Centre, Crymlyn Burrows, Swansea, SA1 8PZ

Permit Number: BJ5775IF

**Annual Release for the Year to December 31<sup>st</sup> 2014**

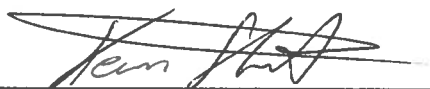
Total Municipal Waste Incinerated	0 Tonne
Electrical Energy Exported	0 Kwh
Electrical Energy Imported	8381865 Kwh
Energy Generated and used by the Installation	0 Kwh
Total Electrical Energy Generated by the Installation	0 Kwh

**Reporting Of Performance Parameters**

Parameter	Usage	Performance Indicator	
Electrical energy Imported	8381865 Kwh	0	Kwh/tonne of waste incinerated
Electrical energy exported to grid	0 Kwh	0	Kwh/tonne of waste incinerated
Electricity generated by the installation	0 Kwh	0	Kwh/tonne of waste incinerated
Electricity generated and used by the installation	0 Kwh	0	Kwh/tonne of waste incinerated
Kerosene usage	0 litres	0	Litres/tonne of waste incinerated
Diesel usage	160618 litres	0	Litres/tonne of waste incinerated
Bottom ash produced	0 tonne	0	Kg/tonne of waste incinerated
APC Residues produced	0 tonne	0	Kg/tonne of waste incinerated
Ammonia Consumption	0 litres	0	Litres/tonne of waste incinerated
Activate Carbon Consumption	0 tonne	0	Kg/tonne of waste incinerated
Lime usage	0 tonne	0	Kg/tonne of waste incinerated
Water usage*	8122 m³	0	M³/tonne of waste incinerated

\* Water usage is for the facility not just the WTE plant

Signed on behalf of the Operator



Dated

23rd Jan 2015

# RELEASE TO AIR REPORTING OF MONITORING DATA

Operator: Neath Port Talbot (Recycling) Ltd

Location: Materials Recovery & Energy Centre, Crymlyn Burrows, Swansea, SA1 8PZ

Permit No. BJ5775IF

## Annual Release form The 1<sup>st</sup> January to December 31<sup>st</sup> 2014

Substance	Release Point A1 (Ton)	Release Point A2 (Ton)	Release Point A3 (Ton)	Release Point A4 (Ton)	Release Point A5 (Ton)
Particulate	0.0		0.39	0.37	0.06
VOC's as Total Organic Carbon (TOC)	0.0				
Hydrogen Chloride	0.0				
Hydrogen Fluoride	0.0				
Oxides of Nitrogen (NO and NO2 expressed as NO2)	0.0				
Nitrous Oxide	0.0				
Ammonia	0.0			0.53	
Sulphur Dioxide	0.0				
Carbon Monoxide	0.0				
Cadmium & Thallium and their compounds (total)	0.0				
Mercury and its compounds	0.0				
Antimony (Sb) and its compounds	0.0				
Arsenic (As) and its compounds					
Lead (Pb) and its compounds					
Chromium (Cr) and its compounds					
Cobalt (Co) and its compounds					
Manganese (Mn) and its compounds					
Nickel (Ni) and its compounds					
Vanadium (V) and its compounds					
PCBs*	0.0				
Dioxin and Furans*	0.0				
PAH**	0.0				

\* Measurements in mg

\*\* Measurements in g

## Notes

Release point A5 is the new dust extraction unit

If any of the information supplied is considered to be confidential, a statement of which information this applies to and the reasons why must be specified

Heavy metals annual emission will be expressed as the sum of the individual metals.

Signed on behalf of the Operator:



Dated:

23rd January 2015