



RECYCLING

NEATH PORT TALBOT (RECYCLING) LTD

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

Karen Dunn
PIR Regulatory Officer
Environment Agency Wales
Maes Newydd
Llandarcy
Neath Port Talbot
SA10 6JQ

6th January 2015

Dear Karen,

Permit Number: BJ5775IF
Re: Emissions Monitoring For December 2014

In accordance with the permit BJ5775IF please find enclosed the following monitoring results for the month of December 2014.

- Water monitoring results, form S3/W1
- Water monitoring results, form S3/S1
- VOC emissions for emission point A1, form S3/AIR1
- HCL emissions for emission point A1, form S3/AIR1
- SOx emissions for emission point A1, form S3/AIR1
- NOx emissions for emission point A1, form S3/AIR1
- CO emissions for emission point A1, form S3/AIR1
- NH3 emissions for emission point A1, form S3/AIR1
- Particulate emissions for emission point A1, form S3/AIR1
- Period of abnormal operations, form S3/O2
- Monthly Waste Input/Output, form S3/R2
- Form Number: BJ5775 – Ash 1

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

As highlighted the Waste to Energy Plant has been mothballed for the short/medium term and a NIL result has been posted for all emissions to air.

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

Yours sincerely


Kevin Stewart
Health & Safety Manager
Neath Port Talbot (Recycling) Ltd

Neath Port Talbot (Recycling) LTD
Crymlyn Burrows Swansea SA1 8PZ
Company Number 3528745



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



The company is controlled by
Neath Port Talbot
County Borough Council





**NEATH PORT TALBOT
(RECYCLING) LTD**

Material Recovery & Energy Centre
Crymlyn Burrows, SWANSEA, SA1 8PZ
TELEPHONE 01792 641901
FAX 01792 466188

Release Point W1

Week Ending	Oil and Grease (Visual Check)	Suspended solids (mg/l)	Ph
04/12/2014	None Apparent	46mg/l	7.10
11/12/2014	None Apparent	85mg/l	7.00
18/12/2014	None Apparent	83mg/l	7.00

Signed on behalf of the operator:

Date:

6th January 2015



**NEATH PORT TALBOT
(RECYCLING) LTD**

Material Recovery & Energy Centre
Crymlyn Burrows, SWANSEA, SA1 8PZ
TELEPHONE 01792 841801
FAX 01792 465155

<u>Release Point S1</u>			
Week	Total suspended solids (limit = 500mg/l) [mg/l]	Total Petroleum Hydrocarbons (Limit = 100mg/l)	Total sulphate (Limit = 1g/l) [mg/l]
04/12/2014	73mg/l	<1mg/l	39mg/l
Week	COD (limit = 1000mg/l) @ daily flow of 20m3	Total sulphite (expressed as SO3) (Limit = 50 mg/l)	Total sulphide (Limit = 3mg/l)
04/12/2014	88mg/l	<1mg/l	<1mg/l

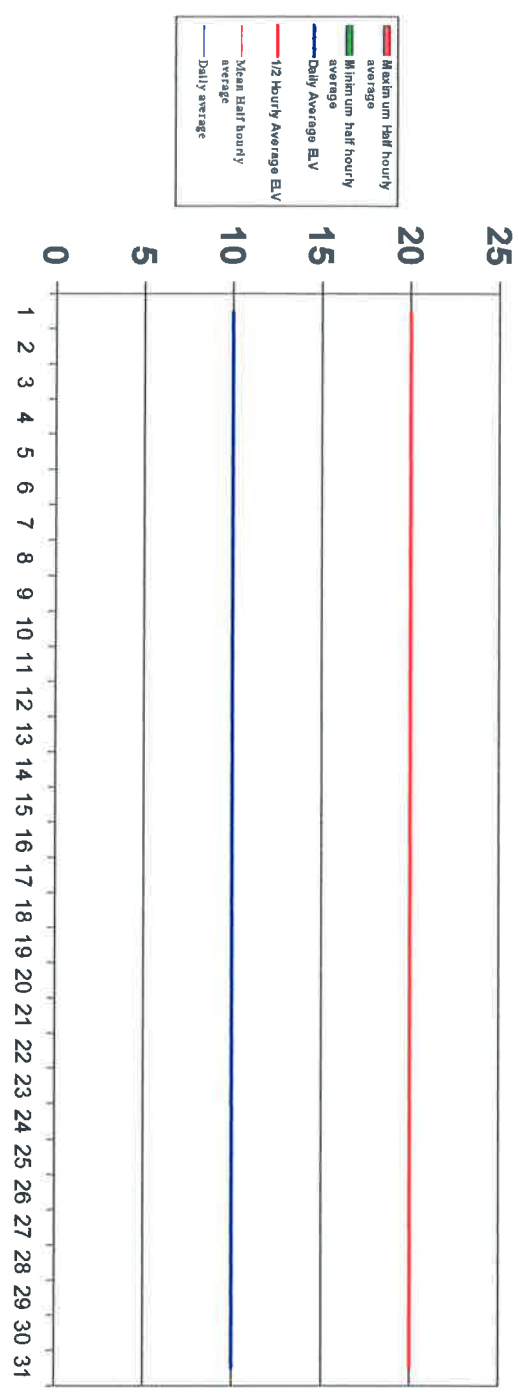
Week	pH [Range = 6.0 to 10.0]		Temp. [C] [Limit = 40C]		Flow Rate [l/s] [Limit = 1.5]		Daily Flow [m3] [Daily Limit = 20m3]
	Max	Min	max	min	Max	Min	
04/12/2014	7.49	7.11	21.7	20.0	1.5	1	5
11/12/2014	7.66	7.00	22.9	20.1	1.5	1	5
18/12/2014	7.11	6.42	21.5	18.8	1.5	1	5

Signed on behalf of the operator:

Date:

6th January 2015

Reporting of Continuously Monitored Emissions to Air for VOC Emissions Point A1 for the Month of December 2014

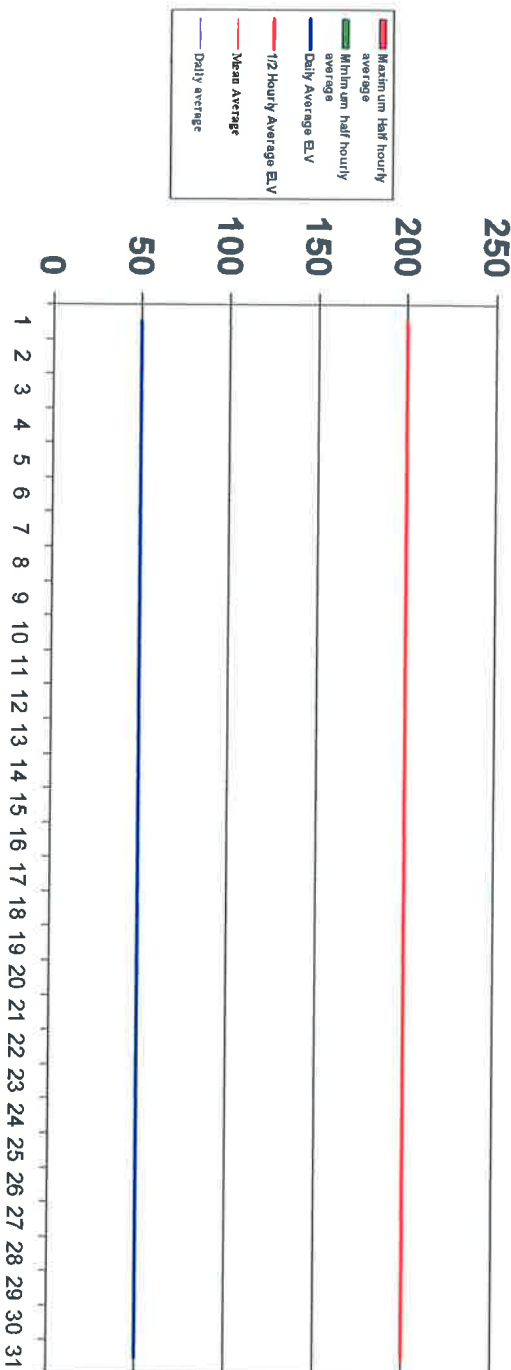


Monthly summary:	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Half-hourly average	Half-hourly average ELV	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
Monthly Maximum	Maximum half hourly average	0																														
Monthly mean	Mean half hourly average																															
Monthly minimum	Minimum half hourly average																															
Total invalid results	No of half hourly results	0																														
Sum of Exceedances	No of exceedances	0																														
Daily average	Daily average ELV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Monthly Maximum	Monthly Maximum	0																														
No of invalid days	Value Valid?	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Sum of Exceedances	Value Exceeds ELV?	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	

Signed

Date 08/01/2015

Reporting of Continuously Monitored Emissions to Air for Sulphur Dioxide Emissions Point A1 for the Month of December 2014

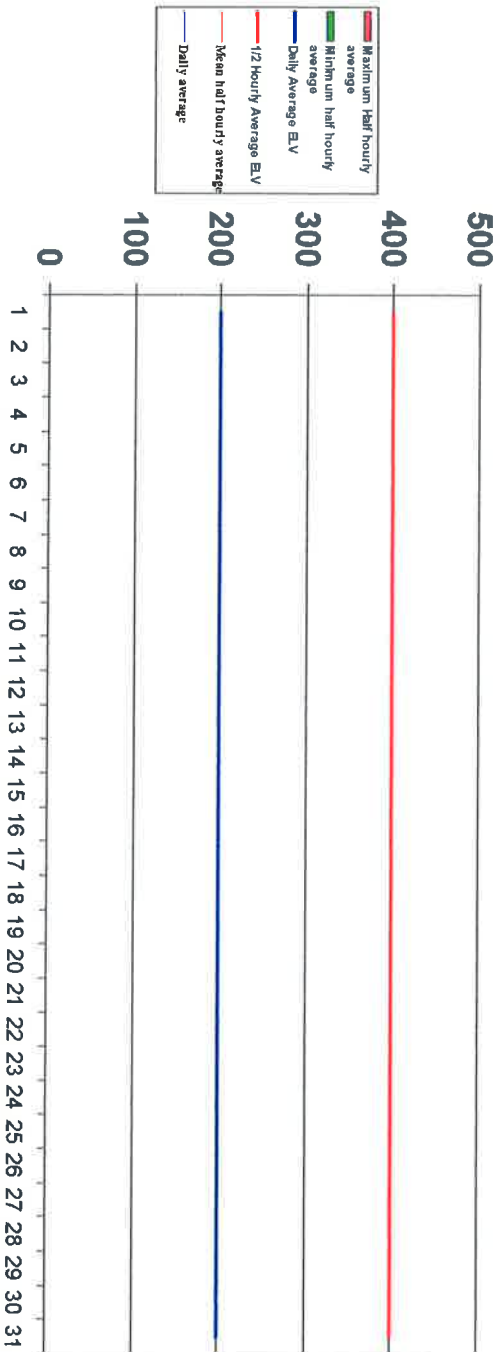


Monthly summary		Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Half-hourly average	Monthly Maximum	Half-Hour average ELV	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	
	Monthly mean	Mean half hourly average																																
	Monthly minimum	Minimum half hourly average																																
	Total Invalid results	No of half hourly results																																
	Sum of Exceedances	No of exceedances																																
Daily average	Monthly Maximum	Daily average ELV	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	
	No of Invalid days	Value Valid?	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
	Sum of Exceedances	Value Exceeds ELV?	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	

Signed Kevin [Signature]

Date 06/01/2015

Reporting of Continuously Monitored Emissions to Air for Oxides of Nitrogen Emissions Point A1 for the Month of December 2014



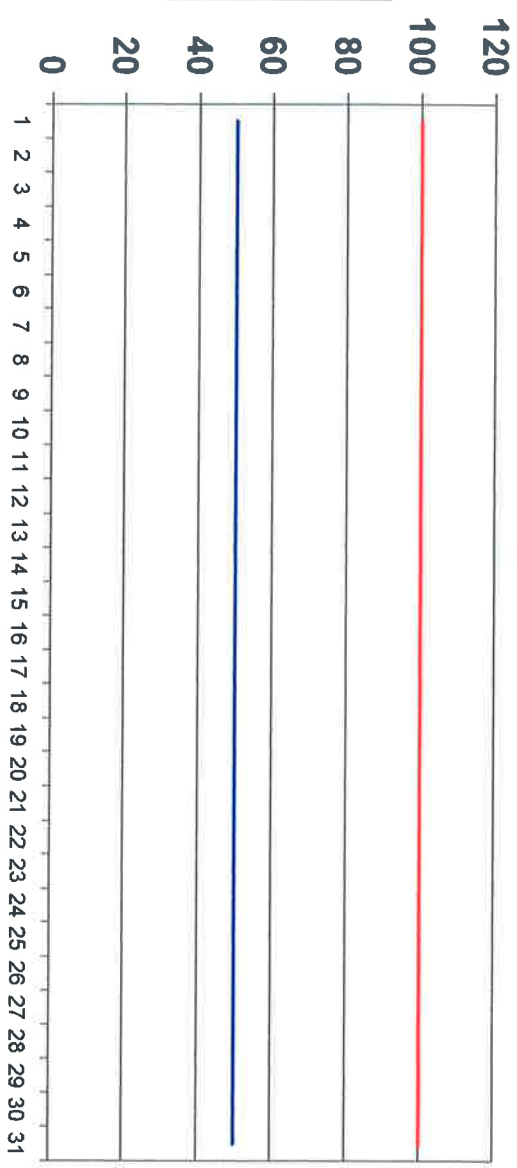
Monthly summary	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Half-hourly average	Half-hourly average ELV	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	
Half-hourly average	Minimum half hourly average	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Half-hourly average	Mean half hourly average	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	
Half-hourly average	Maximum half hourly average	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	
Half-hourly average	Sum of Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Daily average	Daily average ELV	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	
Daily average	No of invalid days	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Daily average	Value Exceeds ELV?	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
Daily average	Sum of Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Signed: *[Signature]*

Date:

06/01/2015

Reporting of Continuously Monitored Emissions to Air for Carbon Monoxide Emissions Point A1 for the Month of December 2014



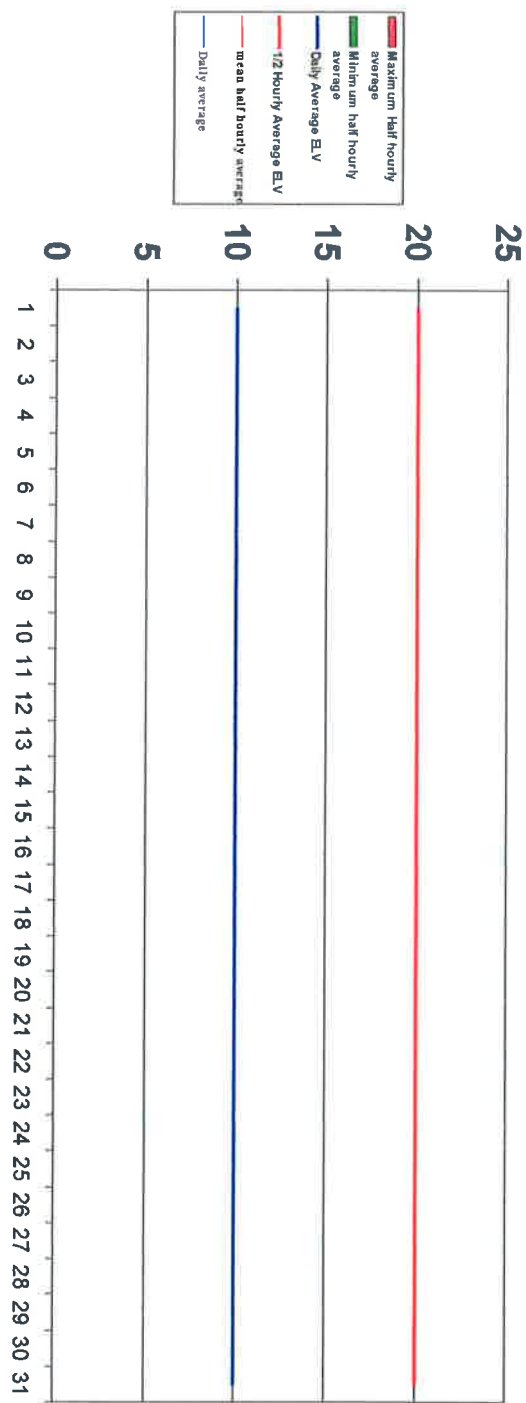
- █ Maximum Half hourly average
- █ Minimum half hourly average
- █ Daily Average ELV
- █ 1/2 Hourly Average ELV
- █ Mean Half hourly average
- █ Daily average

Monthly summary		Days	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Half-hourly average	0	Half-Hour average ELV	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Monthly Maximum	0	Maximum half hourly average																															
Monthly mean	0	Mean half hourly average																															
Monthly minimum	0	Minimum half hourly average																															
Total Invalid results	0	No of half hourly results																															
	0	No of Invalid results																															
Sum of Exceedances	0	No of exceedances																															
	0	Daily average ELV	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	
Daily Average	0	Daily average	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
No of Invalid days	0	Value Valid?	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Sum of Exceedances	0	Value Excess ELV?	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	

Signed *[Signature]*

Date 06/01/2015

Reporting of Continuously Monitored Emissions to Air for Ammonia Emissions Point A1 for the Month of December 2014



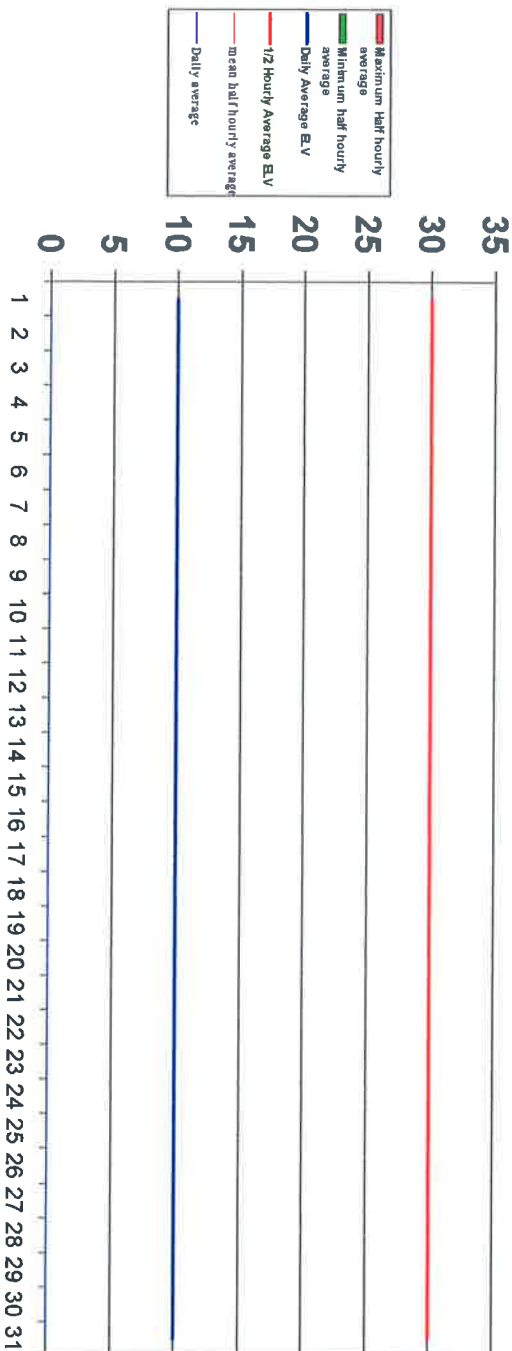
Monthly summary	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Half-hourly average	Half-hour average ELV	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
Monthly Maximum	Maximum half hourly average																															
Monthly mean	Mean half hourly average																															
Monthly minimum	Minimum half hourly average																															
Total invalid results	No of half hourly results																															
Sum of Exceedances	No of exceedances																															
Daily average	Daily average ELV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
	No of invalid days	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
	Sum of Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Value Valid?	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
	Value Exceeds ELV?	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	

Signed *[Signature]*

Date 05/01/2015

Installation: **Material Recovery and Energy Centre**

Reporting of Continuously Monitored Emissions to Air for Particulates Emissions Point A1 for the Month of December 2014



Monthly summary		Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Monthly Maximum	0	Maximum half hourly average	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
Monthly mean	0	Mean half hourly average																															
Monthly minimum	0	Minimum half hourly average																															
Half-hourly average	Total invalid results	No of invalid results																															
	Sum of Exceedances	No of exceedances																															
Daily average	Monthly Maximum	Daily average ELV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	No of invalid days	Daily average	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Sum of Exceedances	#DIV/0!	Value Exceeds ELV?	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N


Signed:

Date: 06/01/2015

OPERATIONAL INFORMATION
REPORTING OF MONITORING DATA
ABNORMAL OPERATION SUMMARY FOR THE MONTH – December 2014

Operator: Neath Port Talbot (Recycling) Ltd
Location: Materials Recovery & Energy Centre, Crymlyn Burrows, Swansea, SA1 8PZ
Permit Number: BJ5775IF

Table S3/O2: Abnormal Operation			
Emissions to Air: Exceedance Periods			
Date	Hours	Cumulative hours to date (60 hours maximum per calendar year)	Comments
Jan 14	Zero	Zero	Total up to and including January 2014
Feb 14	Zero	Zero	Total up to and including February 2014
Mar 14	Zero	Zero	Total up to and including March 2014
April 14	Zero	Zero	Total up to and including April 2014
May 14	Zero	Zero	Total up to and including May 2014
June 14	Zero	Zero	Total up to and including June 2014
July 14	Zero	Zero	Total up to and including July 2014
Aug 14	Zero	Zero	Total up to and including August 2014
Sep 14	Zero	Zero	Total up to and including September 2014
Oct 14	Zero	Zero	Total up to and including October 2014
Nov 14	Zero	Zero	Total up to and including November 2014
Dec 14	Zero	Zero	Total up to and including December 2014

Signed on behalf of the Operator: 

Dated: 6th January 2015



**NEATH PORT TALBOT
(RECYCLING) LTD**

Material Recovery & Energy Centre
Crymlyn Burrows, SWANSEA, SA1 8PZ
TELEPHONE 01792 641801
FAX 01792 468168

Form Number: BJ5775 – Ash 1

Reporting of Ash Composition for the Period from December 1st 2014 to December 31st 2014 – No Bottom Ash was produced – *Nil Result*

Ash Composition TOC & LOI:				
	TOC (%)	Limit (%)	LOI (%)	Limit (%)
Bottom Ash (Line 1 – incinerators 1 & 2 combined)		3		5
Bottom Ash (Line 2 – incinerators 1 & 2 combined)		3		5

Ash Composition (Metals, Dioxins, etc)																				
	Sb %	Cd %	Tl %	Hg %	Pb %	Cr %	Cu %	Mn %	Ni %	As %	Co %	V %	Zn %	Dioxin I-TEQ ng/kg	DIOXIN			DIOXIN LIKE PCBs		
															WHO – TEQ ng/kg			WHO – TEQ ng/kg		
															Humans/ mammals	Birds	Fish	Humans/ mammals	Birds	Fish
Bottom Ash – Line 1 (Incinerators 1 & 2 combined)																				
APC residues – Line 1 (Incinerators 1 & 2 combined)																				

Name: Kevin Stewart
On behalf of Neath Port Talbot (Recycling) Ltd

Signed:

Date: 6th January 2015