



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

7<sup>th</sup> May 2014

Dear Karen,

**Permit Number: BJ5775IF**  
**Re: Emissions Monitoring For April 2014**

In accordance with the permit BJ5775IF please find enclosed the following monitoring results for the month of April 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 in September the Waste to Energy Plant has been mothballed for the short 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 466155

Release Point W1

Week Ending	Oil and Grease (Visual Check)	Suspended solids (mg/l)	Ph
03/04/2014	None Apparent	62mg/l	6.90
10/04/2014	None Apparent	38mg/l	6.90
17/04/2014	None Apparent	37mg/l	7.00
24/04/2014	None Apparent	50mg/l	6.90

Signed on behalf of the operator:

Date:

7th May 2014



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TELEPHONE 01792 641901  
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Release Point S1			
Week	Total suspended solids (limit = 500mg/l) [mg/l]	Total Petroleum Hydrocarbons (Limit = 100mg/l)	Total sulphate (Limit = 1g/l) [mg/l]
03/04/2014	30mg/l	<1mg/l	49mg/l
Week	COD (limit = 1000mg/l) @ daily flow of 20m3	Total sulphite (expressed as SO3) (Limit = 50 mg/l)	Total sulphide (Limit = 3mg/l)
03/04/2014	18mg/l	<1mg/l	<1mg/l

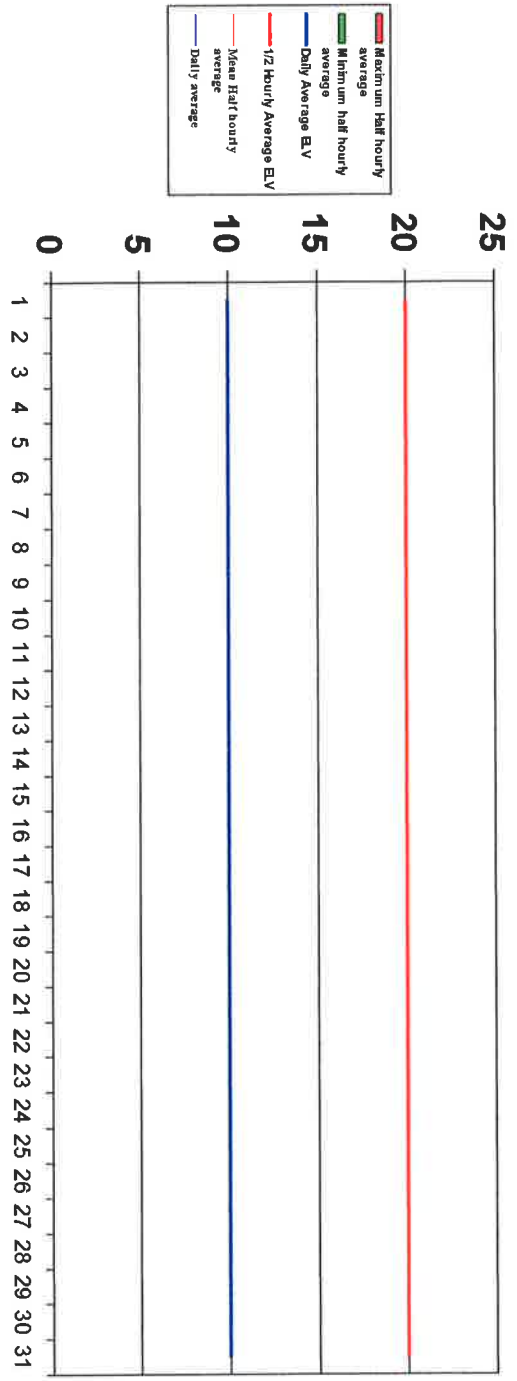
Week	pH [ Range = 6.0 to 10.0]		Temp. [C] [Limit = 40C]		Flow Rate [l/s] [Limit = 1.5]		Daily Flow [m3] [Daily Limit = 20m3]
	Max	Min	max	min	Max	Min	
03/04/2014	8.92	8.81	16.2	15.4	1.5	1	5
10/04/2014	7.53	7.39	15.8	14.8	1.5	1	5
17/04/2014	8.69	7.75	16.4	15.5	1.5	1	5
24/04/2014	8.48	7.1	16.5	15.5	1.5	1	5

Signed on behalf of the operator:

Date:

7th May 2014

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



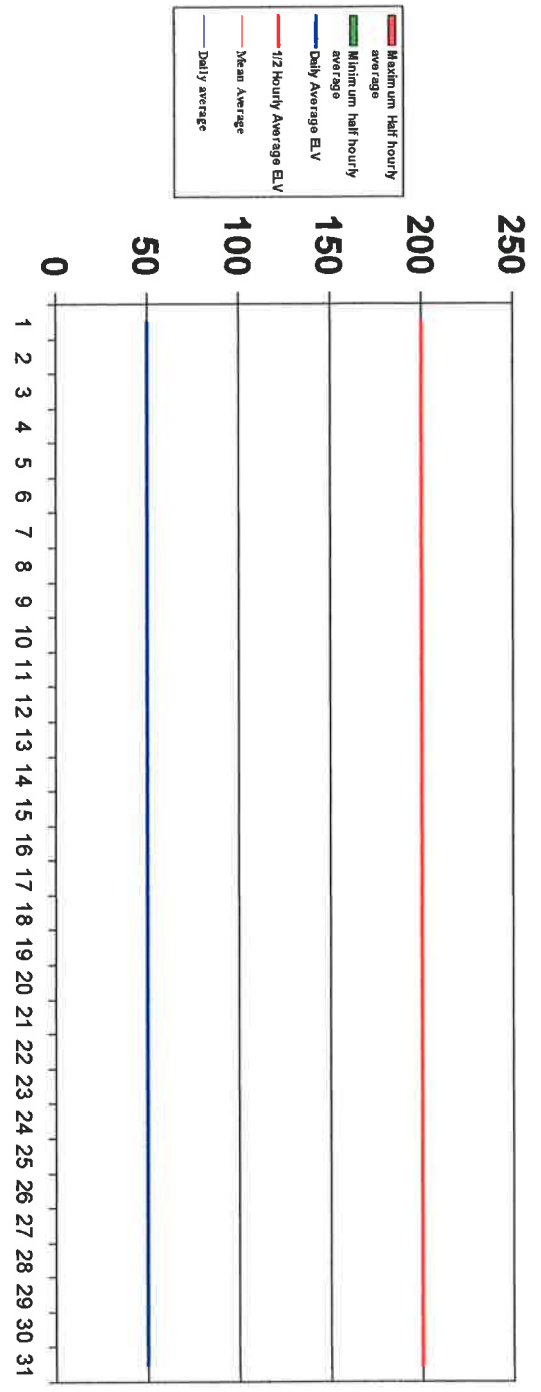
Monthly summary	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Half-hourly average	Maximum half hourly average	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
Half-hourly average	Minimum half hourly average									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

Signed 

Date 07/05/2014



**Reporting of Continuously Monitored Emissions to Air for Sulphur Dioxide Emissions Point A1 for the Month of April 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	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 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	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	
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: 07/05/2014

Permit Reference Number: B157791F

Operator:

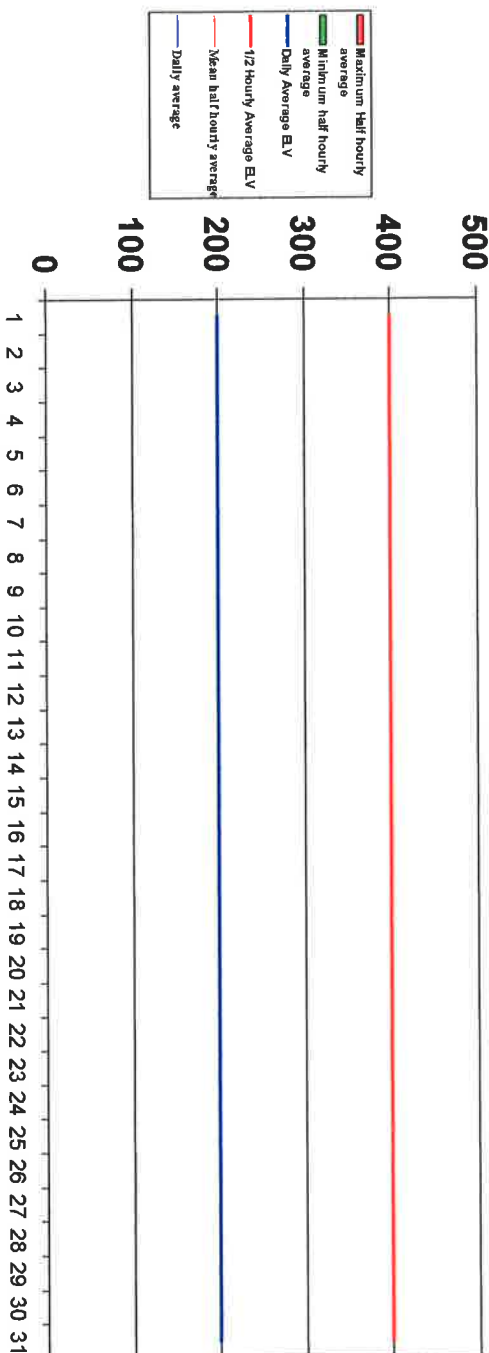
Nash Port Tabor (Recycling) Ltd

Installation: Material Recovery and Energy Centre

Form No:

Agency Form B157791F/AS/From Data 06/12/05

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

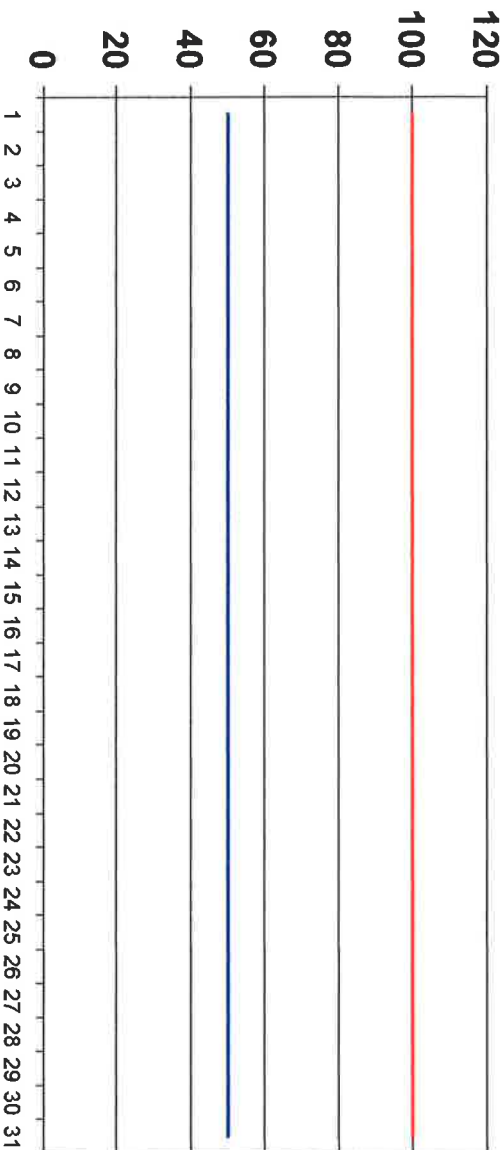


Monthly summary		Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Half-hourly average EIV	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	
Maximum half hourly average	0																																
Mean half hourly average	0																																
Minimum half hourly average	0																																
Total invalid results	No of half hourly results	No of invalid results																															
Sum of Exceedances	0	No of exceedances																															
Daily Average	200	Daily average EIV	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 Maximum	0	Daily average																															
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		
Sum of Exceedances	0	Value Exceeds EIV?	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 07/05/2014

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



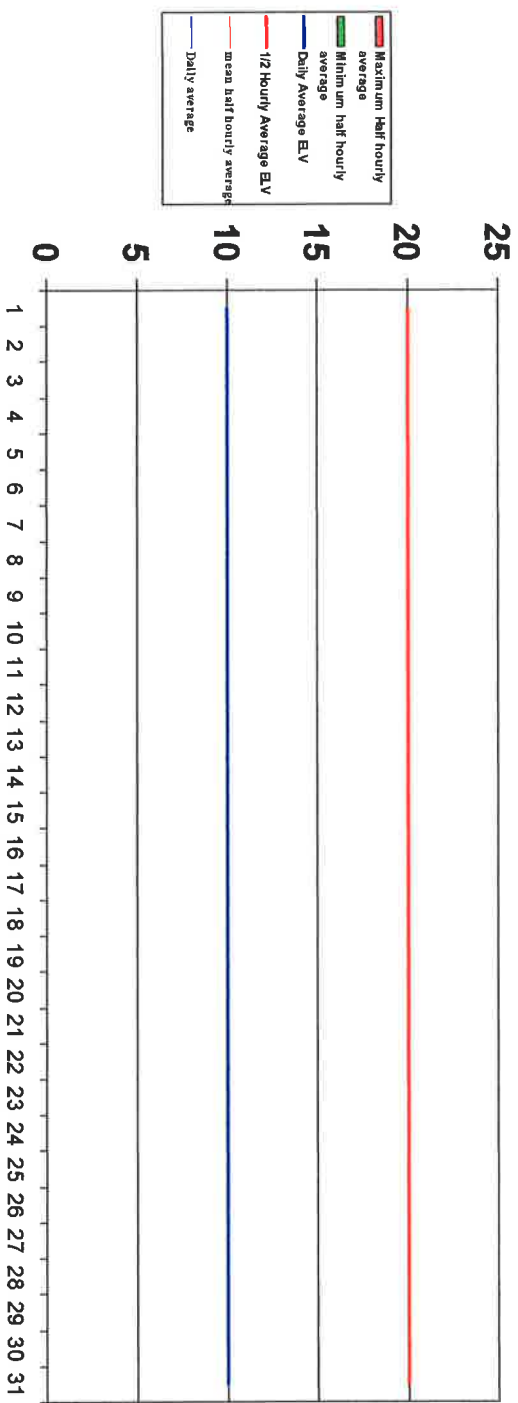
Monthly summary	Date	Day																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
Half-hourly average	Maximum half hourly average	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100		
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	0	0		
Half-hourly average	Mean half hourly average	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			
Half-hourly average	Monthly maximum	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			
Half-hourly average	Monthly minimum	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	0	0		
Half-hourly average	Total invalid results	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	0	0		
Half-hourly average	No of invalid results	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	0	0		
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	0	0		
Half-hourly average	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			
Half-hourly average	Monthly Maximum	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			
Half-hourly average	Monthly Minimum	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	0	0	0	
Half-hourly average	Total invalid results	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	0	0	0	
Half-hourly average	No of invalid results	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	0	0	0	
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	0	0	0	
Daily average	Monthly Maximum	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	100		
Daily average	Monthly Minimum	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	0	0	0	0
Daily average	Total invalid results	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	0	0	0	0
Daily average	No of invalid results	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	0	0	0	0
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	0	0	0	0
Daily average	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	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	N	N	N	N

Signed

*[Signature]*

Date

07/05/2014

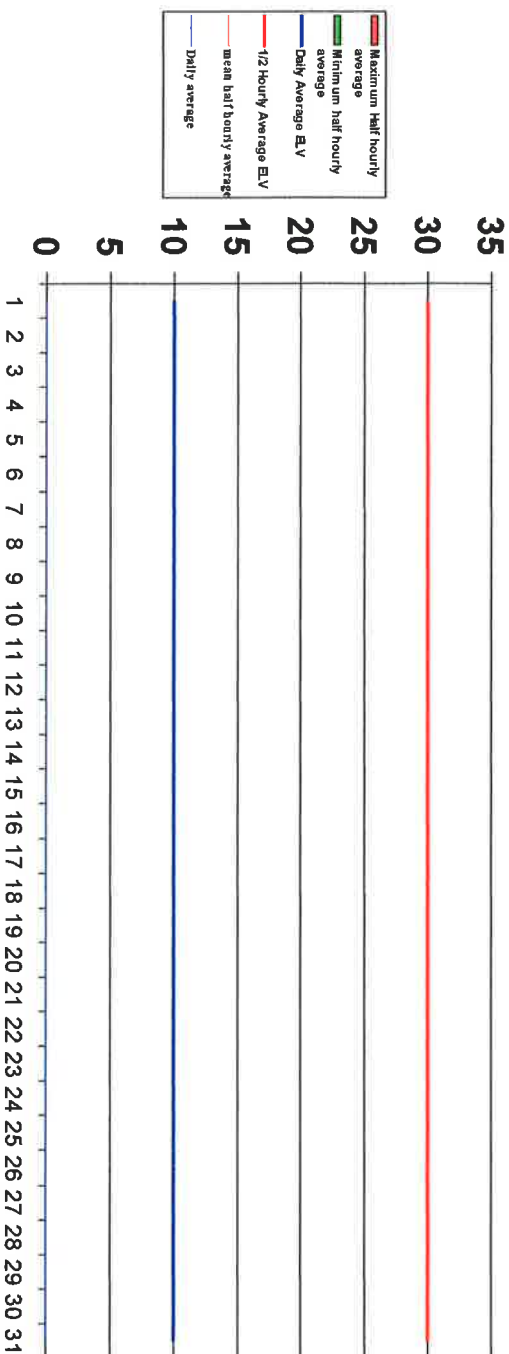


Monthly summary	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Half-hourly average	Half-Hour average ELV	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
Monthly maximum	Maximum half hourly average																															
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	0	0	10	10	10	10	10	10	10	10	10	
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		
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		

Signed [Signature]

Date 07/05/2014

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



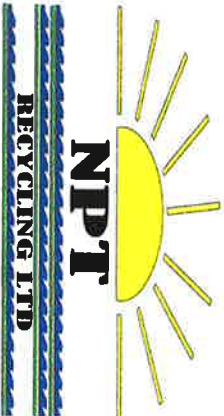
Monthly summary		Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
Half-hourly average	Maximum half hourly average	Half-Hour average ELV	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30			
Half-hourly average	Minimum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

Signed 

Date 07/05/2014







**NEATH PORT TALBOT  
(RECYCLING) LTD**

Material Recovery & Energy Centre  
Crymlyn Burrows, SWANSEA SA1 8PZ  
TELEPHONE 01792 641901  
FAX 01792 465188

Form Number: BJ5775 – Ash 1

Reporting of Ash Composition for the Period from April 1<sup>st</sup> 2014 to April 30<sup>th</sup> 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	Humans/ mammals	Birds	Fish	WHO – TEQ ng/kg	Humans/ mammals	Birds	Fish	
Bottom Ash – Line 1 (Incinerators 1 & 2 combined)																							
APC residues – Line 1 (Incinerators 1 & 2 combined)																							

Name: Kevin Stewart

Signed: .....

Date: 7<sup>th</sup> May 2014

On behalf of Neath Port Talbot (Recycling) Ltd