

Schedule 3 – Form A2

Release to Air

Release Point: A1

Release for Calendar Year ending: December 2014

Operator: St Merryn Meat Ltd

Installation: Dowlais Slaughterhouse

NIL RETURNED

Reporting Form A2			
Parameter	Limit Value	Measured Value	Date of Sampling
Sulphur dioxide (as 20 minute average) mg/m ³			
Volatile Organic Compounds (as carbon) mg/m ³			
Gaseous Chlorides (as HCl) mg/m ³			
Oxides of Nitrogen (as NO _x) mg/m ³			
Particulate Matter mg/m ³			
Dioxins and Furans ¹ (expressed as ITEQ equivalent) ng/m ³			
Polycyclic Aromatic Hydrocarbons (as benzo-a-pyrene) mg/m ³			

Signed on behalf of the Operator
Date 17/02/2015

Schedule 3 – Form A4

Release to Air

Release Points: A3, A4

Release for Calendar Year ending: December 2014

Operator: St Merryn Meat Ltd

Installation: Dowlais Slaughterhouse

Reporting Form A4				
Parameter	Limit value	Release Point A3	Release Point A4	Date of sampling
Oxides of Nitrogen mg/m ³	-	68ppm low 70ppm mid 71ppm high	52 ppm low 70 ppm mid 65ppm high	10/01/14
Carbon Monoxide mg/m ³	-	0 ppm low 0 ppm mid 0 ppm high	0 ppm low 0 ppm mid 0 ppm high	10/01/14

Signed on behalf of the Operator
Date 17/01/2015

Note:
Release Point A3 = No 1 Boiler
Release Point A4 = No 2 Boiler

Schedule 3 – Form A5

Release to Air

Release Points: A1, Incinerator Bottom Ash

Release for Calendar Year ending: December 2014

Operator: St Merryn Meat Ltd

Installation: Dowlais Slaughterhouse

NIL RETURNED

Reporting Form A5				
Parameter	Limit Value	Value	Release Point	Date of sampling
Total organic carbon content %	-		A1	
Protein Content mg/100g	-			
Total organic carbon content %	-			
Protein Content mg/100g	-		Incinerator bottom ash	
Total organic carbon content %	-			
Protein Content mg/100g	-		Incinerator bottom ash	
Total organic carbon content %	-			
Protein Content mg/100g	-			

Signed on behalf of the Operator
Date 17/02/2015

Schedule 3 – Form S2

Release to Sewer and Water

Release Point: S1, W1, W2

Release for Calendar Year ending: December 2014

Operator: St Merryn Meat Ltd

Installation: Dowlais Slaughterhouse

Reporting Form S2		
Release point	Date of Sampling	Organophosphorus content mg/l
S1	-	To be sent later
W1	-	To be sent later
W2	-	To be sent later

Signed on behalf of the Operator:  Date: 17/02/2015

NOTES:
17/02/2015: Samples were not adequately analysed, due to a miscommunication with the lab. Discussed with Richard Taylor and certificates are to be sent as soon as they are received.

Schedule 3 – Form R1

Energy and Water Consumption

Release for Calendar Year ending: December 2014

Operator: St Merryn Meat Ltd

Installation: Dowlais Slaughterhouse

Reporting Form R1	
Parameter	Quantity
Delivered Electricity MWh	18681
Primary electricity (delivered x 2.4) MWh	44834
Primary carbon dioxide (primary electricity x 0.166) t _e	7442
Delivered gas MWh	17295
Process water used m ³	227478

Signed on behalf of the Operator

Date 17/02/2015

Note:
The Primary Energy calculation has been changed from 2.6 to 2.4 at the request of the EA

Schedule 3 – Form R2

Waste Return

Release for Calendar Year ending: December 2014

Operator: St Merryn Meat Ltd

Installation: Dowlais Slaughterhouse

Reporting Form R2

Parameter	Raw Materials Used tonnes	Quantity Used in Production tonnes	Quantity to Waste tonnes	Fate of Waste
Animal tissue / SRM	-	-	13872	Incineration
Animal tissue / Bones	-	-	0	Rendering
Blood	-	-	4886.47	Incineration
Ash	-	-		N/A
Mixed waste	-	-	804	Landfill
Sanitizers / hygiene chemicals / Detergents	-	-	221	Foul Sewer
Metal	-	-	4.8	Recycled
Plastic	-	-	33.38	Recycled
Cardboard	-	-	66.91	Recycled
Green and Grass waste	-	-	0	Land spread
Green and Grass waste	-	-	11720	Anaerobic Digestion

Signed on behalf of the Operator: 

Date: 17/02/2015

Notes:

Bones are now sold so are not classified as waste, Any bone not sold is included in SRM.
Sanitizers / hygiene chemicals and detergents have been grouped as one category as they all go down the drain.
2014: Green and Grass waste = the contents of the stomachs, Lairage waste and sludge from the effluent treatment plant is now sent for Anaerobic Digestion.
2014: Some blood is now sold for pet food and is not classified as waste.
2014: Recycled card is less this year due to a product change.