

Permit Reference No: **AP38333HZ**

Operator: **2 Sisters Poultry Ltd.**

Installation: **Llangefni**

Form Number: **WU1**

Reporting of Water Usage for the period : Q3 - Jul '13 to Sep '13 incl.

Water Source	Usage (m ³)	Water KPI (Litres per Bird)	
Potable Water (Mains) - Prod'n	83,156.24	13.97	
Potable Water (Mains) Non-Prod'n	2,729.65	0.00	
Mains Total	85,885.9	14.43	
Non-Potable (Bore Hole)*	0.00		
TOTAL	85,885.9 *	14.43	

Trends in Water Usage				
Year	Parameter		Water KPI (Litres per Bird)	% change
	Named Water Source	Total Water Usage (m3)		
2006	Mains	299,034	19.90	-
2007	Mains	238,160	21.60	-8.5%
2008	Mains	229,696	19.10	11.6%
2009	Mains	181,807	15.53	18.7%
2010	Mains	174,542	14.38	7.4%
2011	Mains	180,548	14.41	-0.2%
2012	Mains	209,778	14.21	1.4%

Current Year Usage & KPI may include volume not related to reporting period

Operator's Comments:

Non-Potable (Borehole) water is no-longer abstracted due to a malfunction of the pump

Non-Production day Water IS included in the Total KPI and amounts to approx. 5% of Mains Total.

signed:

(authorised to sign as representative of the Operator)

Date: 13 November 2013



MONITORING RETURNS N. WALTS

INITIALS DATE

CHECKED BY AUTHORITY

TRACING

OK FOR PUBLIC RELEASE

SL 7-01/14

JB 15.11.13

JB EDI 11/11/13

Permit Reference No: **AP3833HZ**

Operator: **2 Sisters Poultry Ltd.**

Installation: **Llangefni**

Form Number: **E1**

Reporting of Energy Usage for the period : Q3 - Jul '13 to Sep '13 incl.

Energy Source	Energy Usage		CO ₂ produced (tonnes)
	Qty	Energy	
Electricity	MWh	6,365.94	1,056.75
Delivered Electricity - Prod'n	MWh	2,300.49	1,235.36
Delivered Electricity - Non Prod'n	MWh	147.95	79.45
Natural Gas	MWh	1,246.18	236.69
Gas Oil		N/A	-
Heavy Fuel Oil		N/A	-
TOTAL		2,448.44	1,314.81

Year	Trends in Energy Usage			% change
	Delivered Energy (Total)	Primary Energy (Total)	Primary Energy CO ₂	
2006	8,186.1	21,283.82	3,533.11	-
2007	7,449.3	19,368.31	3,215.14	9.0%
2008	7,617.6	19,805.71	3,287.75	-2.3%
2009	7,271.5	18,905.95	3,138.39	4.5%
2010	6,952.8	18,077.29	3,000.83	4.4%
2011	6,842.2	17,789.64	2,953.08	1.6%
2012	6,938.1	18,038.98	2,994.47	-1.4%

Operator's Comments:

Electricity values (delivered) collated from on-line telemetry.
 Conversion Factors as quoted on Carbon Trust & DEFRA websites.
 Delivered electricity to Primary electricity multiply by 2.6
 Delivered electricity to CO2 equivalent multiply by 0.537
 Primary electricity to CO2 equivalent multiply by 0.166

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Operator: **2 Sisters Poultry Ltd.**

Installation: **Llangefni**

Form Number: **PI1**

Reporting of Performance Indicators: Q3 - Jul '13 to Sep '13 incl.

Annual Production / Treatment	
Quarterly Production of Poultry products 5,952,684 Birds	Quarterly Liveweight tonnes = 23,017.6
Annual Production of Poultry products 14,762,829 Birds	Annual Liveweight tonnes = 56,713.0

Environmental Performance Indicators

Item	Parameter	Q3 Value
Refrigerant Consumption	Kg/pa	-
Water Usage	Litres/Bird	14.43
Mains Water	m ³	85,886
Effluent Discharge	m ³	49,568
Average Effluent Flow	m ³ /day	545
COD Qtr Average	mg/l	1,144
COD*	Tonnes	6.23

Trends in Environmental Performance				
Year	Water (m ³)	Electricity (MWh)	Effluent (m ³)	Birds
2006	299,034	8,186	271,324	14,996,999
2007	238,160	7,449	245,914	11,030,638
2008	229,696	7,618	242,500	11,980,188
2009	181,807	7,272	210,592	11,970,652
2010	174,542	6,953	173,553	12,141,841
2011	180,548	6,842	186,895	11,671,403
2012	209,778	6,938	195,469	14,762,829

Operator's Comments:

COD tonnage is based on Effluent Flow per Qtr x Avg COD per Qtr.
Effluent Flow average includes weekends (i.e non-production days, as some Trade Effluent is processed on these days)
Refrigerant Consumption =

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Permit Reference No: **AP3833HZ**

Operator: **2 Sisters Poultry Ltd.**

Installation: **Llangefni**

Form Number: **S2**

Reporting of Emissions to Sewer for the period: Q3 - Jul '13 to Sep '13 incl.

Emission Point	Substance / Parameter	Emission Limit Value/ $\mu\text{g l}^{-1}$	Emissions Level $\mu\text{g l}^{-1}$	Annual Mass Limit /g	Annual Mass Release /g
S1	Mercury	3	0	30	0

Emission Point	Substance / Parameter	Maximum / mg l^{-1}		Minimum / mg l^{-1}		Average / mg l^{-1}	Number of Results
		Date	Value	Date	Value		
S1	Chemical Oxygen Demand (COD)	14 Jul 13	1840	08 Jul 13	315	1144	147

Note: Mercury values are estimates based on previous submissions and data determined at time of permit application

Emission Point	Average Effluent Flow m^3 day
S1	545

Operator's Comments:

Effluent Discharged over 92 days = 49,568 m^3

IMPORTANT Note: Discharge Consent varied COD level to 1400 mg/l and Flow Volume to 1500 m^3 per day wef 24th June 2013

signed:

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Permit Reference No: **AP3833HZ**

Operator: **2 Sisters Poultry Ltd.**

Installation: **Llangefni**

Form Number: **R1**

Reporting of Waste Disposal & Recovery for the period: Q3 - Jul '13 to Sep '13 incl.

	Disposal		Recovery (Tonnes)
	Route	Tonnes	
Hazardous Waste			
Oils	R		0
Fluorescent Tubes	R		0
Chemicals			0
Total Haz. Waste		0	0
Non-Hazardous Waste			
General Waste	D1	25.42	
Paper & Card	R		1.18
Plastics	R		0.00
Metals	R		0.00
Total Non-Haz. Waste		25.42	1.18
TOTAL WASTE		26.60	

Operator's Comments:

General Waste is collected once every two weeks. Segregation values are (as yet) unavailable. Presumption of 100% to Landfill.

signed:

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Date: 13 November 2013

