

Permit Number: EPR/BV9683IH

Operator: Dunbia (UK)

Facility: Teify Park Abattoir and Meat Processing Plant

Form Number: WaterUsage1 – 17/01/2022

Reporting of Water Usage for the year 2021

Water Source	Usage (m ³ /year)	Specific Usage (m ³ /t)
Mains use	1,091	0.05
Borehole water use	87,909	4.021
TOTAL WATER USAGE	89,000	4.071

Operator's comments:

Total water usage has increased in 2021 compared to 2020. However, the water use per tonne produced has decreased. This was due to improved efficiencies achieved following the completion of water reduction projects including the upgrade of the knife sterilisers on site.

Signed
(Authorised to sign as representative of Operator)

Date.....31/01/2022.....

Permit Number: EPR/BV9683IH

Operator: Dunbia (UK)

Facility: Teify Park Abattoir and Meat Processing Plant

Form Number: Energy1 – 17/01/2022

Reporting of Energy Usage for the year 2021

Energy Source	Energy Usage		Specific Usage (mWh/unit output)
	Quantity (delivered mWh)	Primary Energy (mWh)	
Electricity *	4,633.35	12,046.698	0.212
Gas Oil	4,221.85	4,221.853	0.193
TOTAL	8,855.2	16,268.550	0.405

* Conversion factor for delivered electricity to primary energy = 2.6

There has been a decrease in overall total energy consumption and a reduction in energy consumption per tonne of production in 2021 compared to 2020. This reduction in energy consumption is due to increased efforts around KPIs and energy usage reduction projects and improved shutdown practices facilitated by ISO50001.

Conversion factor litres of gas oil to kWh = kWh X 10.6

Signed
(Authorised to sign as representative of Operator)

Date 31/01/2022

Permit Number: EPR/BV9683IH

Operator: Dunbia (UK)

Facility: Teify Park Abattoir and Meat Processing Plant

Form Number: Performance1 – 17/01/2022

Reporting of other performance indicators for the period 01/01/2021 to 31/12/2021

Parameter	Performance Indicator	Units
BOD	1.73	mg/l
Effluent discharge to sewer	0	m ³
Effluent discharge to River Teify	70,624	m ³
Waste disposal and/or recovery	2,042.778	t/yr
Imported Effluent	0	m ³

Operator's comments:

BOD recorded is average BOD for 2021.

Effluent discharge decreased in volume. This was in line with the decrease in water use.

Waste recovery and disposal was as follows; hazardous 35.172 tonnes (bund water, fluorescent tubes, waste oil etc.) and 2,007.606 tonnes of non-hazardous (cardboard, plastic, metals, mixed municipal waste, sludge cake, sludge, wood etc.)

All waste was diverted from landfill in 2021.

No effluent was imported from Nantmel to Llanybydder in 2021.

Signed
(Authorised to sign as representative of Operator)

Date 31/01/2022

Permit Number: EPR/BV9683IH

Operator: Dunbia (UK)

Facility: Teify Park Abattoir and Meat Processing Plant

Form Number: Sewer1 – 17/01/2022

Reporting of emissions to sewer for the period from 01/01/2021 to 31/12/2021

Emission Point	Substance / Parameter	Emission	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
		Limit Value					
S1	Ammonia	500 mg/l	Spot Sample	No Discharge	EN ISO 11732:1997	-	6.6%
S1	BOD	6000 mg/l	Spot Sample	No Discharge	BS EN 1899-1 (1996)	-	16%
S1	Effluent Flowrate	No limit set	Spot Sample	No Discharge	Online flow meter	-	-
S1	pH	6-9	Spot Sample	No Discharge	BS 6068-2:501995, ISO 10523:1994	-	9%

The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.

Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with Natural Resources Wales is used, then the appropriate identifier is given. In other cases, the principal technique is stated, for example gas chromatography.

For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed
(Authorised to sign as representative of Operator)

Date.....31/01/2022.....